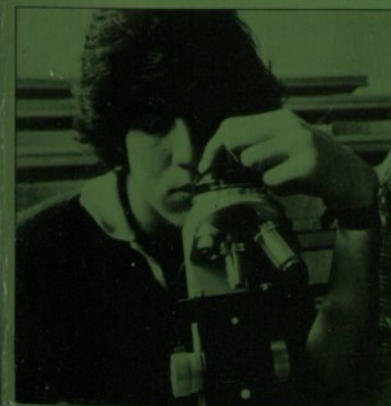
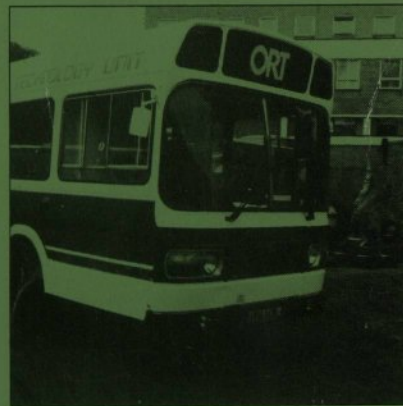
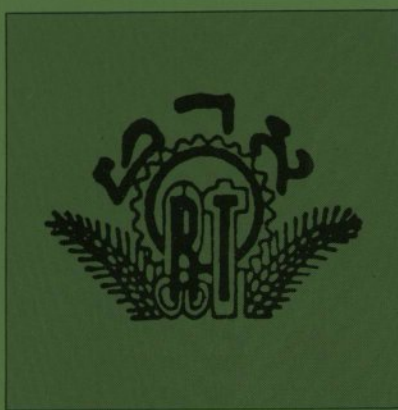
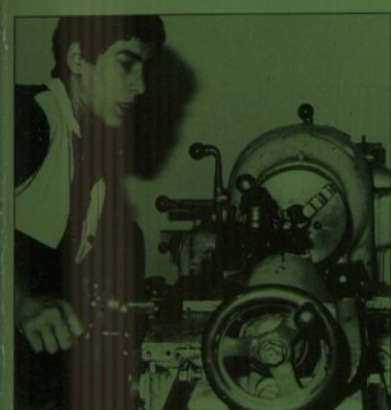


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ANNUAL REPORT OF THE WORLD ORT UNION



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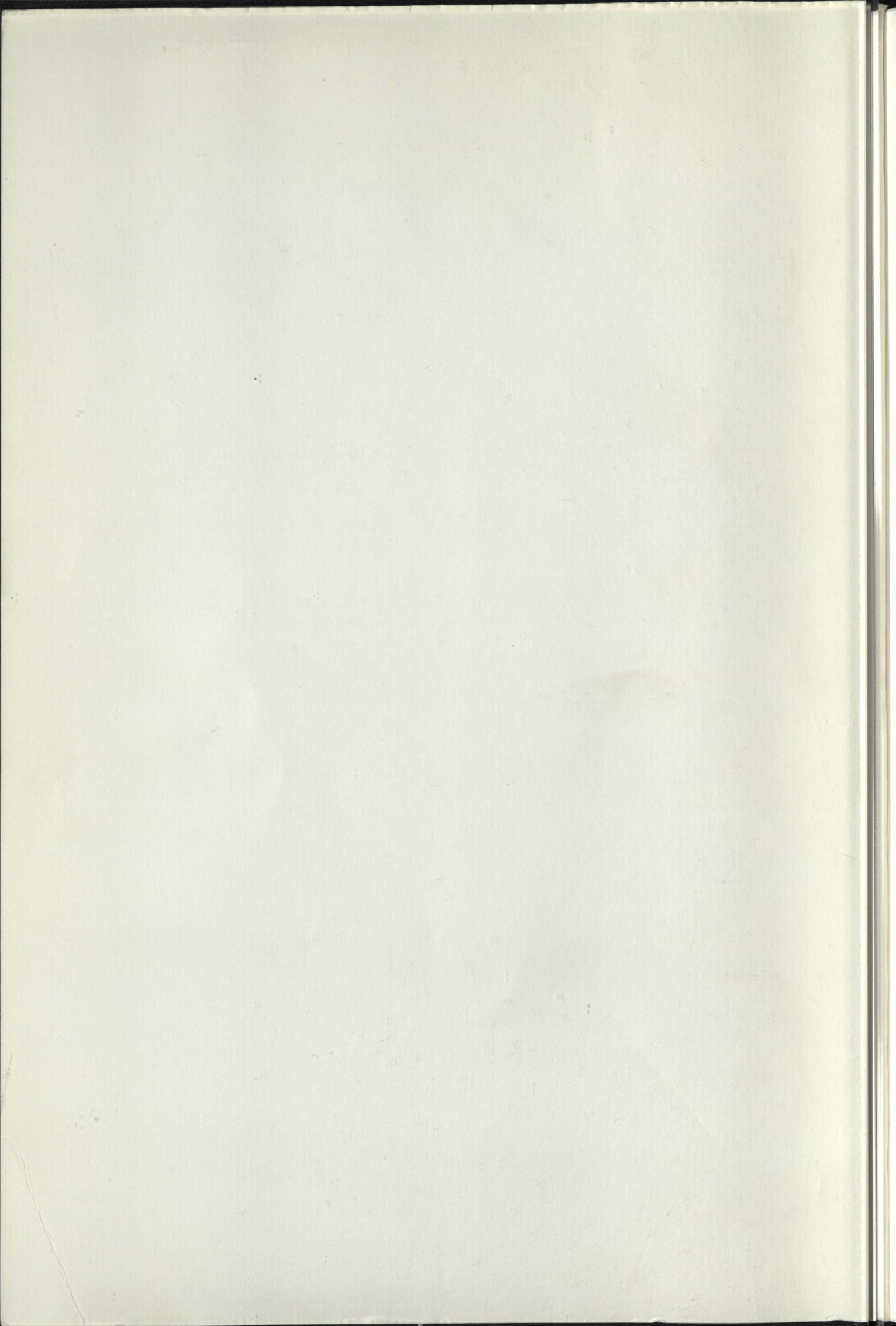


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PART TWO

AMERICAN ORT FEDERATION ✓

ORT TECHNICAL DEPARTMENT

INTERNATIONAL COOPERATION DEPARTMENT

Committee of ORT Australia Inc. that it is functional presence in this country if support is to be generated from the Australian Jewish Community. Dr. Sharon's visit will help to achieve this and is very important for this reason.

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PART TWO

INTERNATIONAL COOPERATION DEPARTMENT
 ORT TECHNICAL DEPARTMENT
 AMERICAN ORT FEDERATION

AUSTRALIA

ORT Australia Inc. has been able to make no significant or useful contribution to the activities of the World ORT Union in the year.

ORT Australia Inc. has made some useful progress in the past year. It has finalised the legal structure within which it has to operate, has been formally incorporated, has had its constitution adopted, has elected its first Federal Council, is in the process of trying to establish a Council in New South Wales and to establish Chapters. At the time of the report however, it still has no branch structure, no Chapters and its total membership is still only about 200 persons.

ORT Australia Inc. received a great boost with the visit to Australia in November of Dr. Dan Sharon, Director of the Technical Department of the World ORT Union. Dr. Sharon made useful contacts with technical education and Jewish School authorities in Sydney and Melbourne and it is hoped that practical cooperation will flow from these contacts.

It is thought by the Committee of ORT Australia Inc. that it is necessary to have some visible ORT functional presence in this country if support is to be generated from the Australian Jewish Community. Dr. Sharon's visit will help to achieve this and is very important for this reason.

AUSTRALIA

ORT Australia Inc. has been able to make no significant or useful contribution to the activities of the World ORT Union in the year just passed. We decided to send no person to the World ORT Committee Meeting in order to save the resources of ORT, but were able to invite a member, Mr. Rex Harbour, who was in Europe at the time, to attend the meeting on our behalf as our representative.

At the time of the report to establish Chapters. However, it still has no branch structure, no Chapters and its total membership is still only about 200 persons.

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BRITISH ORT

1988 has been an eventful, exciting and successful year for British ORT.

Although delighted with its existing support, British ORT is nevertheless aware of the potential support that is available throughout the country, particularly in the provinces and plans are underway to launch a full-scale membership drive in the new year.

An important link in the chain of a strong membership is the development of young leadership. British ORT has for a long time emphasised the need and importance of looking into the future and recruiting the younger generation into the ranks of British ORT Executive; for them to take a keen interest in ORT's work, play an active role in fundraising events and, in the long term, replace the current leadership. This area is one to which British ORT has not simply been paying lip service: in 1988 alone, two new younger groups have been created - ORT 2000 and ORTernatives. Although appealing to different age groups, both already have a solid core of keen and enthusiastic supporters and have held some original events, raising substantial funds.

BRITISH ORT

With the ever increasing problem of assimilation and the worrying statistics of one in three intermarriages, British ORT is pleased to offer the young adult Jewish community social activities of a diverse nature enabling them to mix with other Jewish people of a similar age and, at the same time, increase awareness of and raise funds for our worthy cause.

Now that the ORT Braude International Institute of Technology in Karmiel is no longer just an existing dream, but a thrilling reality, British ORT recognises the importance of not abandoning this unique project and is continuing to raise substantial funds to this end. To date, British ORT is proud to boast 9 Founders and 2 Chairs.

As always, a large number and variety of popular fundraising events and activities have been held throughout the year including : taking a block booking of seats at the Royal Festival Hall for a light, popular and highly enjoyable programme of classical music; our Annual General Meeting and Annual review staged at the Royal Society of Medicine with Mrs. Mary Archer (wife of Jeffrey Archer) as Guest Speaker; an Auction of Hebraica and Judaica held at the world famous auction rooms - Sotheby's; our major fundraising event of the year was our annual Gala Dinner held at the Guildhall, hosted by the Hon. David and Mrs.

BRITISH ORT

Sieff, with the Secretary of State for Scotland, The Right Hon. Malcolm Rifkind, QC,MP and the well-known film director Michael Winner as our entertaining Guest Speakers; once again the ORT/Economist Desk Diary proved to be very popular with a record number of advertisers this year and many diaries purchased as ideal presents for the new year; our Grand Raffle Draw with a selection of tempting prizes tied up our fundraising efforts for 1988.

British ORT members have been loyal and supportive and only through their good will has it been possible for us to meet our target of \$900,000.

The current Executive of British ORT are keen and dynamic. They are determined to move into 1989 setting ambitious new goals and taking on exciting new challenges.

Fishmongers' Hall, hosted by Mr. and Mrs. Jack Lasson, two young artists, Paul Coker and Steven Isserlis, generously In May, a "Health and Beauty" Dinner was held at the West End Hotel was a dazzling success.

The "Young ORT Ball Committee" together with "ORT 100" held their annual Midsummer Ball at Woburn Abbey. More than 200 young people attended this very successful evening and it is

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MEN'S CANADIAN ORT

September 1 1987 - August 31 1988

During this period no particular changes in the lifestyles of the Jewish community in Canada have taken place. Canadians have enjoyed a good year economically with a manageable rate of 4% inflation. Federal elections, held in November 1988, resulted in the re-election of Brian Mulroney and his Progressive Conservative party to government. This election was basically conducted on whether or not to proceed with the free trade agreement between the United States and Canada. At this time, it would appear that the agreement will be ratified although two Provinces are currently balking at giving their approval to the agreement which requires that all Provinces give their approval.

During this period 1800 men were paid-up members of Canadian ORT with 400 members residing in 9 cities other than Montreal and Toronto. Previous reports have indicated a level of 4,500 members, and although this is changed downward, it is in Montreal, Men's ORT held their Annual Benefit Concert on November 27th and the financial results were the best ever,

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showing a net profit of \$225,000. An audience of 2900 were present and Canadian ORT gained many new supporters amongst them.

Plans are now being finalised to conduct a mission from Montreal Men's ORT to Israel for 14 days in early June, 1989, to coincide with the World ORT Union Executive meetings and the dedication of the ORT Braude International Institute of Technology in Israel.

In Toronto plans are currently in progress to hold a Theatre Night in the Fall, 1989.

During this period Canadian ORT received \$914,000 in government grants, \$333,000 in general income, \$10,000 in bequests and \$249,000 for special projects, in total \$1,506,000. Canadian ORT remitted to World ORT Union \$1,304,000 during this time.

Canadian ORT and the Government of Canada, through its agency, CIDA, are currently involved in 9 projects in Third World countries, 3 in Peru, 1 in Brazil, 2 in Uruguay and 3 in Zaire.

CANADA

WOMEN'S CANADIAN ORT

ORGANISATIONAL STRUCTURE

The organisational structure of Women's Canadian ORT remains essentially the same as in past years. We currently operate in 11 cities across Canada, with regions (with a minimum of 3 chapters per city) in Edmonton, Montreal, Ottawa, Toronto, Vancouver and Winnipeg.

The cities of Calgary, Halifax, Hamilton, Victoria and Windsor operate as Chapters-at-Large. Halifax, Victoria and Windsor will remain as Chapters-at-Large for the foreseeable future due, in large part, to the declining Jewish population in these areas. Hamilton and Calgary are widening their leadership base with a view to eventually achieving regional status.

Our membership figures have been revised, on our recently acquired computer. Our membership is approximately 4,100 with slight fluctuations. Previous reports have indicated a level of 4,500 members, and although this is changed downward, it is certainly more realistic because we have been able to clean up our records and have an accurate up-to-date national mailing

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list. Still, Women's Canadian ORT has the distinction of being the second largest Jewish women's organisation in Canada (after Hadassah), with 51 active Chapters across the country.

Our year-round membership campaign culminated at our Convention in Israel in November 1988, when we celebrated WCO's and Israel's 40th anniversaries.

ANNUAL REPORT

At the Convention our new elective was installed, with Joann Smith of Winnipeg as our new National President. Although our group was not large, the Convention proved to be a most meaningful and educational trip for all participants. We normally hold our conventions in Canada, but because of the double 40th Anniversary of W.C.O. and Israel we felt it important to have the venue in Israel this year.

A constitutional amendment was passed at this Convention, changing our term of office from two years to three, therefore our future conventions will be held triennially.

Our target population, the Jewish women of Canada, is comprised more and more of working and professional women. We have had

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notable success in attracting business and professional women to ORT. Our Business and Professional chapters, in Toronto, Edmonton, Montreal and Winnipeg, continue to grow and thrive, and we have three more such groups in formation in Vancouver, Calgary and Hamilton.

The formula we have evolved seems to work extremely well, high-calibre programming, meetings immediately following the workday held in the downtown core at a prestigious location, and fundraising at a sophisticated level. The special Scholarship for Women Pursuing Non-Traditional Careers, which was initiated by Toronto's B. & P. group, already has two individual full scholarship donors (\$3,600 each) and several partial donors (four donors of \$900 each).

Excitement continues to grow among B. & P. members and the community at large with regard to this particular scholarship. The necessity of training women in non-traditional disciplines is recognised as essential to the future economic wellbeing of all countries, and this particular form of fundraising seems to have struck a responsive chord with potential donors.

Toronto region brought these efforts to culmination at a Tribute Dinner held in May, 1988, honouring Chaviva Hosek, Minister of

CANADA

Housing in the Ontario provincial government. This event raised \$125,000 for the scholarship fund.

The bulk of our membership in Canada continues to be Jewish women of varying ages, ranging from 20 to 80. These women form a cross-section of Canada's socio-economic structure. Our chapters are generally divided either by age categories, language preferences, i.e. Hebrew, French or Spanish, or by special interests such as the B. & P. groups.

STATUS OF CURRENT LEGAL AND FUNCTIONAL SETUP

Our structure and committees remain essentially the same. The most significant procedural change that we undertook in 1987 was a shift in basic emphasis from membership to fundraising. Although members remained a high-priority area, our National Executive Committee had directed that our most intense efforts be channelled towards fundraising, and that any discretionary expenditures on training of volunteers and distribution of printed backup materials should centre primarily on the "How To" of fundraising.

As we commence a new term, the consensus now is that both membership and fundraising must have the same level of emphasis

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in our organisational efforts.

PUBLIC RELATIONS AND PUBLICITY

The basic vehicle of public relations is W.C.O.'s national newsletter, FOCUS magazine. Published three times a year, it is distributed to our entire membership, community organisations across Canada and the international ORT Network.

Regional bulletins are published by the cities of Vancouver, Winnipeg, Toronto, Montreal and Hamilton.

Our major method of publicity continues to be the Anglo-Jewish press, with chapters and regions striving to keep ORT in the public eye through articles and pictures of ORT events and people. The general press and electronic media are used when events warrant. The National office undertakes to provide the press with background pieces on ORT, and with current matters of national interest. The Scholarship Dinners referred to earlier in this report received a lot of attention in the Anglo-Jewish press, and greatly enhanced ORT's status.

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COMMUNITY RELATIONS

We are anxious to establish an ORT presence in Canada, and have been discussing over the past few years what would be the best route to take. In the interim, we hope there will be Canadian students in the ORT Braude International Institute of Technology in the near future.

GENERAL CONDITIONS OF JEWISH LIFE IN CANADA

As stated in previous reports, the Jewish population of Canada (according to the Canadian Jewish Congress the figures are 305,000 to 350,000) continues to enjoy a relatively trouble-free existence and conducts its varied activities undisturbed. Jewish fundraising in Canada, most notably for Israel, continues to be among the most generous in North America. While anti-semitism seems to be on the rise worldwide, the situation in Canada has not worsened since our last report. The Canadian government promotes a policy of multi-culturalism which enfranchises various ethnic groups and thus encourages an open atmosphere which allows for ethnic independence. The Jews in Canada are seen by the population at large as one of many ethnic groups forming the "Canadian mosaic".

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FUNDRAISING

General. Our fundraising activities continue along traditional lines with staged events such as celebrity auctions, bazaars, Christmas giftwrapping, scholarship teas etc.

Our retail stores in Montreal and Winnipeg continue to be an outstanding source of revenue in these cities. Toronto region, having investigated the feasibility of opening an ORT thrift shop, is already experiencing success with the store they opened in October of this year. There is every reason to be optimistic about the future of this store.

Our fundraising figures are as follows:

1987 - 1988

Commitment \$349,526

Karmiel \$341,031

\$690,557* * To October 15, 1988.

As stated elsewhere in this report, Toronto region staged a Tribute Dinner in May, 1988 honouring Chaviva Hosek, Minister of Housing for the Ontario provincial government. This gala

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evening, attended by community leaders, ORT supporters, and Government officials from all sectors of the community, and Toronto Women's ORT netted \$125,000 towards the Scholarship Fund for Women Pursuing Non-Traditional Careers.

This concentrated effort for a major fundraiser appears to be the new direction that fundraising has taken in Canada, that is, a dinner honouring a well known personality who is willing to lend his or her name to a worthwhile cause. In the light of this great success, Toronto region again plans a similar event in September 1989 to honour Ruth and Alven Druxerman.

We are anxious to increase our activities in the area of legacies and bequests. Previous efforts in this field have yielded minimal success; we continue to explore different avenues in this potentially very lucrative field. It should be noted, however, that in Canada there are few tax advantages to this type of giving.

Government Grants.

W.C.O. applied to the federal government in 1986 for a job development grant. We were fortunate in obtaining this grant and had on staff three employees at the National office in 1987 whose salaries were entirely covered by the grant for a period of one

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year. The total amount of the grant was \$61,776, which included funds for the purchase of a computer. We applied for a similar grant in 1988 and were rejected. We are re-applying in 1989.

Karmiel.

The Karmiel building campaign continues to be an outstanding success in Canada. We have pledged to raise \$2.5 million in Canada (both the men's and the women's organisations) and to date we have close to \$2 million in pledges and donations.

Canada currently has four Chairs endowed:

The Chair in Jewish Literature, endowed by Mr. Avie Bennet.

The Chair in Electronics, endowed by an anonymous donor.

The Chair in Laser Technology, endowed by Montreal Men's ORT.

The Chair in Biotechnology, endowed by friends and family in honour of J.A. Lyone Heppner.

In the Founders category we have the Druxerman family of Toronto, Agnes Hechter of Winnipeg, Lily and Nathan Silver of Jerusalem and Alice Kenner and her late husband Mac of Toronto.

Other large donations include \$50,000 for Perpetual Scholarships from Mr. Earl Mandell of Toronto, and Esther and Ben Dayson of Vancouver. As well, we have three donations of \$25,000 each from

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Jacqueline Shulman of Toronto, Edward and Peter Bronfman of Toronto and Gerald and Marjorie Bronfman of Montreal.

The Karmiel campaign proves conclusively that ORT can solicit and obtain major donations if the project has the necessary appeal. These donations have all been obtained through direct face-to-face solicitations, and this continues to be the principal method by which we attract funds for Karmiel.

The Karmiel Tree Certificates have been selling well and provide an inexpensive way for our grassroots members to participate in the Karmiel campaign. We have asked our regions to start new "Karmiel" chapters and several of them have already done this.

All in all, the response to Karmiel is most gratifying and we are proud that Canada has taken a leadership role in this international campaign.

CONCLUSION

We particularly want to highlight the success of our Karmiel campaign and of our new Business and Professional Women's Groups across Canada and the Scholarship Fund they have started for "Women Pursuing Non-traditional Careers" The public responded

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enthusiastically and with overwhelming support to the Scholarship Tribute Dinner last May.

The public's perception of ORT as a dynamic force in the field of technological education has been greatly enhanced by these projects.

Women's Canadian ORT is looking towards a promising future and concentrated growth in the areas of fundraising and membership.

CANADA

COTE D'AZUR

A good and successful concert was held although the money made was not enormous, which was inevitable as there were only 300 seats available and the people were given a lot for their money. However the musical evening has become known, and so has ORT, and the attendance embraces several people from abroad, including members of other ORT branches.

Also, in a different direction, the local authorities, including the Mayor and the Museum, consider our musical evening one of the big annual events of St. Jean-Cap Ferrat.

Several successful bridge afternoons have been held.

A Membership Association has been started, to which the response was quite good, and it does mean that all the people who joined receive news about ORT, and this part is very important.

The Marseilles school considers us their special benefactors, although the amounts we donate are not very large.

The big disappointment is that we ourselves, i.e. those of us who work, are not growing in numbers, and also that the committee members are of a very "hither and thither" community.

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During the year 1987/88 the work carried out over several years was continued in all fields. These covered development of the organisation by forming new committees and increasing membership; the creation of new training courses in schools for young people as well as for adults and updating of existing ones; standardisation of training courses in all ORT France schools; and staff upgrading.

Membership Recruitment.

The ongoing campaign to recruit new members has borne fruit, since membership has increased by nearly 8% during the last twelve months. It is still centered mainly on the theme of the "development of vocational training", taking into account technological changes and economic development.

Activities.

We have a number of regular events, and the following took place over the last year.

1. The Women's Committee annual sale in Paris.
2. The Strasbourg Women's Committee annual cocktail party.
3. The "Open Door" events in the various schools.

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4. Lunchtime debates in Marseilles and Toulouse.

5. Alumni Association dances.

6. The 4th Maurice Grynfogel Challenge Cup, held this time in Lyons. Participation reached record level, and many lay and religious personalities from the town and region were present. Participants came from Bat Yam in Israel and Rome in Italy in addition to the ORT France schools.

For the second time the Jacqueline Bloch Bible Competition was held in association with the Maurice Grynfogel Challenge Cup.

This combination of sport and biblical knowledge demonstrates to the pupils that man must develop physical and intellectual aptitude at the same time, and that he must not cut himself off from his roots.

7. On 2nd June 1988 the United Jewish Social Fund organised a meeting of communal workers in our Montreuil school. The Theme of that day was "Work and the Community".

The participants, mainly provincial, were able on that occasion to see the importance of the school for themselves as well as the extent of the support given to the community.

8. On 12th and 13th May 1988, in collaboration with the Women's Committee, a group of our pupils from the Paris area made a pilgrimage to the Stuthof concentration camp.

9. Not so long ago preparation for mechanical trades formed an integral part of the education timetable in all ORT schools. Now new technologies, electronics, information technology and the

FRANCE

development of all branches relevant to service trades such as office automation and management have overtaken mechanical trades.

Of course, this phenomenon is not confined to ORT, and there is a move on the part of young people away from mechanical trades. But let us not forget that mechanics is the basis of all industries, indeed the most powerful countries economically and technologically, such as Germany and Japan, developed powerful mechanical industries at home.

That is why the Federation of Mechanical Institutions decided to make 1988 "The Year of Mechanics" during which efforts would be made to enhance its image and to show young people that mechanics has progressed, and that it is at the crossroads of all technologies.

ORT has understood this and has already demonstrated by concentrating on industrial microinformation technology that there is a "trio for the future" (mechanics, information technology and electronics), which becomes "mechatronics" and which is the basis of the latest training for the future.

By the beginning of the next school year we should have the first Numerical Control machine tool, and be able to offer an adapted training module.

ORT also participated, from 18th to 23rd May, in Strasbourg, at the Trade Crossroads organised in collaboration with the Lower Rhine Chamber of Commerce and the Federation of Mechanical

FRANCE

Industries.

10. A budget released by the regions to all contracted schools has enabled ORT, through the F.S.J.U. Otzar Hatora schools, to participate in information technology and teacher training.

11. ORT has been coopted to the Social Affairs Community Interest Group of the F.S.J.U. This group has chosen "work" as its theme.

12. As in previous years our various schools have been visited by representatives of the Ministry of Education, Ministry of Labour, Women's American ORT and several community associations.

13. The most recent of ORT's activities took place on 8th November, when the Secretary of State for Vocational Training, Andre Laignel, visited our Montreuil centre.

Extract from Mr. Laignel's address.

" I have been able, throughout this visit, which was much too short, to feel that I knew about all you do. This visit has enabled me to see that you have managed not to separate things, but cover the whole field of basic training and tackle that of permanent or continuing training, at the same time providing complementary training for those who remain in state education, and also offering training courses to those who, having left the school system prematurely and left by the wayside, have felt it necessary to find a vocation, a trade which matches their expectations. One thing which has interested me particularly in ORT's experience is its training at all levels from CAP to BTS and sometimes beyond. It is this mixing of basic with continuing

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training, this mixing of age and religion, this will for all to be able to progress, to gain in a personal as well as a general way, which is the hallmark of an undoubted success".

Increase in Student Body

The increase in the student body which took place some years ago has been maintained this year.

On 31st December 1987 our total student body was 5,423 pupils and trainees, i.e. an increase of 66 compared with 1986. Closer examination of these figures reveals that this increase affects particularly the schools for young people, in which the student body rose from 3,143 to 3,308, i.e. 165 more pupils (5.2%). This increase is due to the fact that our training courses match more closely the requirements of our Jewish candidates whose aspirations ORT takes into account.

Before analysing these different points in detail, we should like to give you some information relating to our progress during the last five years.

In 1983 the number of classes preparing pupils for examination was as follows : 73 for C.A.P.; 37 for B.E.P. and 15 for Baccalaureate.

In 1988 these figures were as follows; 26 for C.A.P. (i.e. 47 fewer; 64%), 41 for B.E.P. (i.e. 4 more; 10%); 41 for Baccalaureate (i.e. 26 more; 170%) and 9 for B.T.S.

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At present there are 50 classes for candidates for various Baccalaureate examinations. In 1983 there were 15. Moreover, the creation of 4th and 3rd year technological courses has changed the nature of our preparatory classes completely. In addition, the number of candidates in prevocational or preparatory apprenticeship classes has decreased significantly; they prefer 4th year Technology courses.

The degree of interest in technological education is due to the wide variety of training courses available to pupils.

Technological education in the 3rd and 4th year leads to further studies of a general, technological, or vocational nature.

Technological education encourages specific areas of competence, which enable pupils to be successful in technological training or subsequent vocational training. These courses are organised with science, industrial technology and tertiary education in mind.

When they have completed these courses, students have the opportunity of joining classes which will prepare them for C.A.P. in two years (instead of three) or for B.E.P. in two years, or for the Technological Baccalaureate.

1. College and Technical High School System

On completion of 3rd year technological courses

(a) Preparation for C.A.P. in two years

 Preparation for B.E.P. in two years

These training courses should be followed by preparatory courses for the Vocational Baccalaureate, or by specialisation modules in

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conjunction with F.P.A.

(b) Preparation for Technological Bacculaureate examinations.

(c) Extension of training courses beyond Bacculaureate (BAC +2 and even BAC +3), standards essential for higher level studies and for employment.

(d) The apprenticeship training centres, or DUAL training centres, i.e. alternate training with 20 hours of apprenticeship with an employer and 20 hours at the centre.

These training courses, which should be developed during the coming years, are from now on associated with B.E.P. or Vocational Bacculaureate courses.

These courses resemble those of the state education system.

ORT's originality is due to the fact that it has the only schools in France with structures within its premises corresponding to Technical Colleges and Technical High Schools, including Bac + 2 or Bac + 3 education, to C.F.A. (Vocational Apprenticeship Training Centre) and to Adult Vocational Training Centre.

This large number of training courses has enabled ORT to develop connecting systems so that students can move from one course to another. Moreover, remedial modules can be set up to help as many students as possible to join courses of the highest possible standard.

Multidisciplinary training courses must also be developed. In

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this way we are introducing into our training systems the option Production and Automated Systems Techniques from the 2nd year, and extending the 4th and 3rd year technology courses at 2nd, 1st and terminal level.

The 2nd year pupils have the same instruction in French, mathematics, first modern language, history, geography, science, physics etc. We call this the common core syllabus.

In future this will also include compulsory subjects, called options, such as Production Technology and Automated Systems Technique, which take up eight hours weekly in the timetable.

The purpose of these options is to enhance the significance of technical education and enable pupils subsequently to join technicians or engineers training courses at a good standard.

They must cover a number of technical subjects, and include

Mechanical construction 90 hours over 2 years

Automation technology &)

Information technology 36 hours over 2 years

Electrotechnology 18 hours over 2 years

Electronics 36 hours over 2 years

Total 180 hours over 2 years.

This option consists in giving young people additional knowledge, which will enable them to integrate in today's society through their understanding of technology and the world of work.

These ideas of multidisciplinary technical introductory courses

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is strengthened by advanced level training going beyond Baccalaureate and Higher Technicians Diploma (B.T.S.)

In accordance with the request of the Administration Council we have extended our Contract of Association with the State. Apart from the Apprenticeship Training Centre - the ORT Ecole de Travail in Paris, which has special legal status - the total number of our schools and technical colleges is as follows:

in 1983 130 classes operational, of which 56 (43%) were under the Contract of Association

in 1988 138 classes operational, of which 73 (53%) were under the Contract of Association

It is essential for this reorganisation to be carried out throughout the school network. We must do this if we wish to preserve ORT's image and to offer training which will meet the needs of the job market and our community. We are convinced that with the help of our technical advisers, those who work with us and everyone of goodwill, we shall succeed in this daunting task.

Upgrading of Teaching staff.

Within the framework of ORT France a pedagogical centre was set up at the beginning of the 1987 September term. Its main purpose was to investigate the possibilities of creating homogeneity and coherence of the training courses offered by one ORT centre in

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relation to another, and in general of the ORT France training courses in relation to those of the Ministry of Education or the Association of Vocational Training for Adults.

The pedagogical centre established certain priorities regarding the teachers of 4th and 3rd year technology classes.

One day courses were organised to prepare the teachers for the new courses. At Montreuil upgrading courses, such as introduction to information technology, were organised. The staff participated in these courses, and benefited greatly from them.

The C.P.T.O. (ORT Pedagogical and Technical Centre) worked with the teachers to develop a pedagogical project which would be carried out by the pupils as part of the 2nd year T.S.A. and Production Technology course.

Future Plans

Training levels are from C.A.P. to B.T.S. via B.E.P., Vocational Baccalaureate and Technological Baccalaureate. Comparative training levels for adults are 5,4 and 3.

In the future it is recommended :

1. to develop F.C.A. if this responds to specific requests
2. to develop Bac + 2 training courses
3. to explore training and job placement possibilities

FRANCE

4. to bring multitechnological techniques training into widespread use in the centres where attempts are made to create training courses with an end in themselves.

5. mechanics is a trade for the future; it should be introduced in all level 4 training courses as well as Bac F2 and F3 and Vocational Baccalaureate

6. mechatronics at a higher level than Vocational Baccalaureate should be considered.

Advanced technicians with higher qualifications will be offered better jobs.

FEUERSTEIN METHOD

In July 1988 three members took a training course for trainers in Jerusalem.

With training we can compare our ideas and our experience with that of other bodies, such as the Association of Vocational Training for Adults, the state Education Department as well as private Centres, etc.

Moreover, it leads to a diploma officially accrediting ORT as an organisation entitled to run P.E.I. (Instrumental Enrichment Programme) courses in the sectors of our choice.

Therefore at present some ORT France centres are involved experimentally in the Instrumental Enrichment Programme or in "logical reasoning workshops".

FRANCE

There is a need for coherence and information, without which this type of project is doomed to failure, to be lost with all hands in the ocean of problems and anxieties which beset ORT from day to day.

To do this the following strategy can be suggested.

(a) meetings of the main people concerned in order to reach conclusions and to decide on methods or on possible changes.

(b) if conclusions are favourable, choose a small team of teachers to be trained in this technique

(c) ensure that the training of this small team is operational quickly.

JEWISH EDUCATION

Although technical education of a high standard and graduate placement are ORT's main objectives, it is also our mission by education and Jewish cultural activities to make the young boys and girls aware of their origin, faithful to their adherence to Judaism and steeped in its permanent values.

Jewish education is an important factor in the struggle against assimilation and defection from our ranks.

ORT schools are Jewish schools; Jewish education is compulsory; they are closed on Saturdays and holy days; the school canteens are kosher; Jewish subjects form an important part of extracurricular activities.

FRANCE

If adolescents are to be imbued with a love of Judaism, and their interest in matters Jewish is to be awakened, the first essential is to create a Jewish atmosphere in the schools. Pupils need to be impregnated with Jewish consciousness. That is why we continue to concentrate so much attention on Jewish education.

A Jewish Education Commission was set up by our Technical Council during the 1987/88 school year. Its purpose was to study the curriculum in the advanced level classes (B.T.S. etc) and to update it.

The appointment by the World ORT Union of Dr. Arie Don has enabled our teachers to take two training courses on a new method for the teaching of Jewish history via the Bible.

FUNDRAISING

Apprenticeship Tax	Fr. 57,469,457
F.S.J.U.	342,386
Subscriptions and donations	5,774,072
Continuing Vocational Training	2,006,344
	<hr/>
TOTAL	65,592,259

FRANCE

CONCLUSION

In conclusion ORT France continues to demonstrate initiative both in its educational methods and its penetration in the Jewish community.

A Jewish Education Commission was set up by our Technical Council during the 1957-58 school year. Its purpose was to study the curriculum in the advanced level classes (B.T.S. etc.) and to update it.

The appointment by the World ORT Union of Dr. Arish Don has enabled our teachers to take two training courses on a new method for the teaching of Jewish history via the Bible.

FUNDRAISING	
Subscriptions and donations	5,774,075
Continuing Vocational Training	2,008,344
Apprenticeship Tax	342,388
<hr/>	
TOTAL	8,124,807

GERMANY

ORT GERMANY - Period November 1 1987 to November 30 1988

When I took over from my predecessor Mr. Max E. Levy, ORT Germany had a well established relationship with the Federal Ministry of Economic Cooperation (BMZ) and the General management for Development of the European Community (KEG), both offering considerable support to ORT projects in developing countries. In addition Mr. Levy had in the course of his activities developed a network of membership encompassing most of the Jewish communities, Jewish and non-Jewish individuals as well as some non-Jewish enterprises.

I planned from the outset to build my activities on the existing pattern while trying to go beyond it by reaching out to German authorities both on the national and regional level, in order to raise funds for ORT projects in Israel. Parallel to these efforts I was anxious to elevate the general profile of ORT as a fundraising factor, by trying to get support for projects which called for commitments of larger amounts from single individuals or communities.

Personal contacts were established with the Parliamentary Secretary of the Federal Ministry of Higher Education and

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Science. I met heads of the governments (or their representatives) of Hamburg, North-Rhine-Westfalia, Rhineland-Pfalz, Baden-Wurttemberg and Bavaria. Meetings with others are in the offing. For various reasons - resignation of the Mayor of Hamburg, resignation of the Premier of Rhineland-Pfalz, death of the Premier of Bavaria, death of Werner Nachmann, former leader of the Central Council of Jews in Germany, and the scandal which developed in the wake of his death, affecting plans which were already agreed upon with the Premier of Baden-Wurttemberg - so far no major breakthrough was achieved, but contacts with the new leaders and their representatives will continue. The meetings conducted up to now have had appropriate publicity and thus could help in enhancing ORT's standing in the community. I have good reason to believe, that continued follow-ups will lead in most cases to interesting results.

In the Jewish community we succeeded in concluding two major projects. The Chairman of ORT Germany decided to fund the establishment of the JUDAICA section in the Library of Karmiel. His contribution amounts to DM 100,000, so far the largest contribution to which a single donor in Germany has committed himself. The President of the Jewish Community in Berlin, Dr. Heinz Galinski, accepted our invitation to join the founders of Karmiel. The community is committed to a donation of DM 180,000. In addition mention should be made of the endowment of

GERMANY

DM 30,000 for the establishment of the Chaim Meyer Schultz Library at the ORT school in Holon. These projects have helped in creating a favourable atmosphere in the community, while we are trying to involve a few potential donors in major projects in Israel.

We conducted four general fundraising campaigns with the help of circular letters (Chanukka 5748, Purim/Pesach 5748, Rosh Hashana 5749 and Chanukka 5749). In addition we initiated a special project on the occasion of the 65th birthday of the Chairman of ORT Germany, Mr. B.W. Strassburger, by raising funds for the endowment of a lecture hall at the ORT school of Engineering in Jerusalem, in honour of Mr. and Mrs. Strassburger. An amount of DM 120,000 was raised for this purpose.

The total income from fundraising in the period reached DM 285,000 (plus firm commitments of the Strassburger project in the amount of DM 25,000 and a community donation of DM 8,000 not yet received).

The General Meeting which took place in July 1988, decided on changes in our By-Laws, allowing from January 1, 1989 income tax advantages for donors of larger amounts which are allocated for the advancement of scientific research and development. It will certainly help in our endeavours to interest major donors.

GERMANY

I have good reason to believe that ORT Germany stands a good chance of improvement in terms of fundraising, once we succeed in involving leading personalities from the economic scene and introduce a modern system to replace the existing one.

Cooperation with the BMZ and KEG continued, although funds available for new projects are becoming rather limited. In 1988 funds were obtained for our project in Argentina in the amount of DM 172,589. For the ORT vocational training programmes for Ethiopian immigrants in Israel we also received a subvention from the BMZ amounting to DM 83,700. At the present time negotiations are continuing for a large MOTHER and CHILD programme in Zaire.

This year projects supported by the KEG will receive a subvention totalling ECU 120,000 (ca DM 250,000.) We are in the final stage of negotiating new projects in Peru and Uruguay to be supported by the KEG.

As a member of the "Bensheimer Kreis" - an organisation consisting of most of the NGOs engaged in projects in developing countries - we participated in a number of meetings at which cooperation with BMZ was the central item on the agenda. It

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should be emphasised that cooperation with BMZ involves considerable work, since regulations under which subventions are offered to NGOs are linked to numerous administrative demands which in turn create an enormous workload on our small staff and on HQ in London as well. In view of this situation some of the NGOs are considering forgoing support from the BMZ. The latter being aware of this, is trying to simplify procedures and improve conditions. However, in the meantime the bureaucratic machinery keeps up its demands.

ORT Germany participated for the first time in INTERSCHUL, a European fair dealing with education and vocational training. WOU's technical department led by Dr. Dan Sharon was instrumental in bringing the ORT mechatronics bus to Dortmund where it was exhibited together with sets of hi-tech equipment developed by ORT. The stand was visited by the Federal Minister of Higher Education and Science and his regional counterpart from Northrhine-Westfalia. ORT participation received prominent coverage in the media.

The student exchange programme between ORT Netanya and the Heinrich Heine Gymnasium in Dortmund continues. A group of students arrived from Netanya in spring 1988 for a visit of three weeks. This type of programme has a specific educational value for both sides. The publicity given helps to promote ORT

GERMANY

awareness in the general public. I met the Israeli group and their local counterparts and had a general discussion with them on the meaning of the exchange programme.

We have conducted a few social events which involved a large number of donors. During the visit of the Director General, Joseph Harmatz, in January 1988, a reception was held at the Hotel Monopol in his honour. Mr. Harmatz delivered a speech presenting a comprehensive report on ORT activities.

At a reception in honour of Mr. Strassburger at which the formal part was conducted by Dr. Walter Hellbach and the laudation presented by Prof. Gunther Pflug (formerly Director General of the National German Library) a large number of personalities from the economic community also attended.

For our major donors and those whom we try to involve in our work, we held dinners at home, which proved to be a most helpful tool in fostering relations with this group of people. During Chanukka 5748 and Chanukka 5749 we held at home a ceremony of Kindling Chanukka Lights. The Rabbi of the community, Mr. A. Daum, attended and spoke. The donors were presented with Chanukka coins minted by the Israeli Government mint. It was a minor investment on our part, which in turn brought us growing goodwill and was reflected in our fundraising efforts.

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Publicity in the Jewish and general media is constantly on our agenda. We enjoy full support from the Jewish media and on suitable occasions have had quite satisfying cooperation from the general press as well. Within the limited means at our disposal we shall continue to develop this important part of our work. Much depends on the material which WOU will supply, both in terms of pamphlets and documentary films projecting ORT activities to large audiences.

In my capacity of WOU representative to Luxembourg and Austria I started to establish contacts in both countries. In Luxembourg we have been enjoying ORT activities for a long period. An ORT committee has been instrumental in organising each year a community function which helped in fundraising. This year we have begun to put our activities on a formal basis by forming an official ORT-Luxembourg as a registered charitable organisation. This step was also vital in view of our desire to enter into cooperation with the Luxembourg government. I had a first meeting with the Deputy Minister for Foreign Affairs, Mr. R. Goebbels, who in principle assured me of their readiness to cooperate with us in projects in developing countries, once ORT is officially established in Luxembourg. The way is now open to reach a preliminary agreement with the Government of Luxembourg.

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In Vienna I was received by the Federal Chancellor, Dr. Franz Vranitzky. He indicated his sympathy in support of Karmiel by joining the group of Founders. The matter is now dealt with by various government agencies before receiving final approval. My proposition regarding cooperation with us in developing countries is also under consideration.

I had a meeting with the President of the Jewish Community in Vienna and some of its leading members, to gain their support for the forming of an ORT organisation in Austria. The formation is mainly a matter of time to include Vienna in my agenda.

I met Professor Foighel from Denmark during the Executive Committee meeting in Budapest. We discussed ideas for a programme designed to introduce ORT in Denmark on a more organised basis. So far no progress has been made. I believe a first visit to Copenhagen could help in clarifying the situation and perhaps bring us closer to the establishment of a formal organisation.

INDIA

ORGANISATIONAL

In line with the mood of optimism expressed in the 1987 report, ORT India has widened its circle of supporters and is better known in the community for excellence in vocational and religious education. It is observed that respect and appreciation of ORT INDIA's work in the Jewish community is ever growing. Cooperation with other institutes and organisations is increasing with various activities being cosponsored by ORT and local institutions. These activities include the celebrating of Jewish festivals, sports activities, photographic exhibitions and talent contests.

On 9th October 1988, ORT India added another feather to its cap by opening a library in memory of the late Alexander Moses Elijah, who is remembered to this day for his valuable services, during the pioneering days of ORT India. This new library has a variety of books in its treasury such as books on Culture in English and Hebrew, Computers, Health and Cookery and several others. Mrs. Diana Elijah donated the major part of expenses in addition to a number of books from A.J.D.C. A qualified librarian looks after the newly established library. The library with its numerous reference books is available not only

INDIA

librarian looks after the newly established library. The library with its numerous reference books is available not only to the students of ORT India but to the community at large.

Within one year from the start of the computer centre at Ort India, Worli, a new CAD work station having IBM PC-AT with EGA monitor was installed on 4th November 1988 at the Boys' school. This new installation is a contribution from the local community, which indicates clearly the increased cooperation from its members. Local benefactors, impressed by ORT's progress, are increasingly giving their support and a much needed computer controlled plotter and a library of technical and Jewish books are welcome additional resources.

The vocational training imparted by ORT India at the Sir Jacob Sassoon High School for many years has been helpful to many Jewish children who continue to benefit and then join ORT India. The final year students of the Sir Jacob Sassoon High School visited ORT India on 22nd November 1988 and discovered the variety of opportunities ORT India training courses offer to them after school.

INDIA

PEDAGOGICAL

ORT's affiliation with the University of Oxford for a one year post graduate diploma in computer studies at ORT India is a unique educational opportunity for many Indian students for careers in computer sciences. An important aspect of this course is that every student will have plenty of time to work directly on computers. The spirit of cooperation between World ORT Union and ORT India is a striking example which resulted in the start of various new courses after the creation of the computer centre. These new courses include Computer Literacy and PC Applications, Computer Aided Drafting and Designing and Desktop Publishing Management, in addition to the one year Oxford-ORT course in computer studies.

ORT India student body enrolment for the school year 1988 -89 greatly exceeded that of previous years, since the new computer centre attracted over 100 Jewish students and 50 more from outside the community. This is in addition to the previous student body of 460 for traditional courses. New computer courses have raised the status of the schools and students and parents increasingly look to ORT India as their first choice. Since inception ORT India has been running courses of longer

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duration than those run by other Institutes in India. As a result students are educated not only to the Government requirements but far beyond, which explains their superiority over other candidates at interviews for jobs. They invariably report that the person interviewing them wants to know more about ORT India as he can see the difference between ORT students and other candidates. Most of ORT India graduates find employment within a month of graduation and many become self-employed within a few years.

A new scheme has been introduced which enables the girls on the Secretarial Courses to join the morning college and return in the afternoon for Secretarial Skills. After two years these girls secure well paid jobs. The impact of CAD training on Mechanical Draughtsmen students of ORT India has resulted in immediate financial gains in their employment prospects.

JEWISH EDUCATION

During the celebration of Passover Seder on 1st April 1988, ORT India announced the year of Jewish Education to strengthen various aspects in Judaica studies. Three part-time teachers are responsible for teaching the Bible, prayers, history and tradition in addition to the regular classes on the State of

INDIA

Israel and conversational Hebrew conducted by the Consul of Israel at ORT India. The students attend synagogue prayers and take part in the reading of services. Celebrations of Jewish festivals take place in the School where Jewish students are given the opportunity to organise these events. During Hannukah celebrations at ORT India, students will participate in a Bible quiz contest.

ORT India has now acquired a unique collection of various Jewish books including an Encyclopaedia Judaica for the students reference. ORT will continue to collect and compile electronic material to impart Jewish education. We propose to establish a Resource Centre of Jewish education at ORT India as per the project submitted to World ORT Union, soon after approval and financial support is received.

The establishment of a Resource Centre will enable us to professionalise courses for fulltime ORT India students and conduct courses in Jewish education for community members at primary, secondary, post secondary and graduate level.

A variety of Hebrew songs and Israeli folk dances will be presented by our students on the occasion of ORT India's biannual programme to be held on 8th January 1989, in the presence of a large community gathering.

INDIA

TECHNICAL

Upgrading of the training programme by revision of course content has intensified the need for replacement of old work shop machinery at ORT India with the Computer Numerical Control Machine (CNC) and Robotics training facilities.

The training in the area of Robotics and Automation was provided for two ORT Teachers at World ORT Union's Resource Centre in addition to the participation of ORT India's vice principal in the Moshinsky Seminar for physics teachers. This training will enable us to start courses on Robotics and Automation, which we hope to introduce gradually from the next academic year, provided that the required training equipment and facilities become available in time. This will strengthen the project of establishment of the Flexible Manufacturing System (FMS) laboratory.

Similar proficiency training has been provided in CNC, Computer Aided Design, shorthand and typing to the teachers of respective fields. ORT India will take a great leap into the area of Networking and Communications as soon as the necessary equipment

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becomes available for which project study is under completion.

Fundraising was carried out by explaining the projects being undertaken at ORT India and local contributions were obtained to fulfil the requirements of this project. We expect a good response to the establishment of the Desktop Publishing Management facilities in the near future.

The year 1988 has strengthened the quality culture at ORT India and has provided a solid base for creative work in the next year. This has been made possible by the positive and realistic management of ORT India with reliable cooperation of staff and students. We shall continue to progress with cooperation from all concerned with ORT India.

ITALY

GENERAL SITUATION

Italy still has a serious unemployment problem and inflation is higher than in most European countries.

The Government has tried to reduce inflation which is currently between 7 and 8% as opposed to the 5% officially reported. In fact there is evidence of some success, although whether this success is due to Government efforts or to the decline in the US Dollar and the fall in the price of fuel is not clear.

Nevertheless, the major problems facing the country remain. Public expenditure is very high. The balance of payments is still in deficit and social insurance and medical care is inadequate.

The school system is still awaiting the reform promised years ago and plans for compulsory education up to the age of sixteen are still at the planning stage.

Nevertheless the "Italian Miracle" still continues although it is due to private industry rather than Government ability.

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The use of robotics and computer techniques in industry has continued. Companies, such as Fiat and Olivetti, are considered to be functioning on a real international level. Unfortunately these new technical innovations involve a high degree of unemployment, especially among skilled workers.

The financial situation of the Jewish Community is still catastrophic. After the closure of the Community Schools of Leghorn, Florence too has been forced to close down their schools.

The community of Milan situation is very complicated because of its composition of many different groups (Italians, Iranians, Lebanese, etc.) and to the low birthrate.

To solve this difficult problem ORT Italy had to assume still higher responsibilities within the Jewish Community school system, particularly in assisting the smaller communities, which depend on ORT for their survival.

Due to the decline in the value of the US Dollar, resulting in reduced US Government contribution to our English Language programme and to the lower World ORT Union allocation the financial situation is very serious.

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Immigration from the Soviet Union has recently changed remarkably. In 1979 more than 10,000 refugees lived temporarily in Rome, Ostia and Ladispoli. This figure fell sharply to 1,500 in September 1980; 550 in October 1981; 400 in October 1982; 300 in March 1983; 150 in January 1984 and down to only 80 refugees in May 1984; 50 in January 1985 and then rose to 200 in March 1986; 2,000 in October 1987 and 3,500 in October 1988.

Despite the high increase in the number of refugees the American Government has completely cut down the contribution to the English Language Programme for Refugees in Ladispoli. We have therefore been forced to close down completely our school in Ladispoli as of September 30th 1988 and to terminate the employment of all the teaching staff and return the premises to its owner. After 42 years of activity, we have had to suspend our activity to help refugees in transit in Italy. In fact, ORT Italy was established in 1946 immediately after the end of the War to teach a trade to the thousands of refugees, Holocaust survivors, waiting in Italy to emigrate to what was then called Palestine or to other countries.

Tens of thousands of students have passed through our schools obtaining a trade or professional qualification which enabled them to start a new life, material as well as spiritual, in their

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new countries of adoption.

This historical activity of ORT in Italy has continued without interruption since 1946 and till today, constantly adapting to new social and economic needs and to facilitate the ensuing waves of refugees coming from Poland, Hungary, Czechoslovakia, Romania, Libya, Iran and the Soviet Union.

The total closure of this historic cycle of ORT Italy, for financial reasons, has given a real shock to the entire Organisation of ORT Italy.

In Italy ORT operates programmes for Italian Jews in Rome, Milan, Turin, Leghorn and Florence. In Milan we have a Business and Language School, a new unified upper school and other activities in the Junior high school. In Rome, in partnership with the Jewish Community, we run a Scientific high school with 144 students and a Business and Language school with 100 students. The Business and Language school is similar to the one in Milan. All students at these schools are Jewish.

The Business and Language schools in Rome and in Milan follow ORT's traditional trade school curriculum; the subjects taught are : languages (English and French), geography, maths, natural sciences, chemistry, political economy, financial sciences and

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civil law, accounting and bookkeeping, shorthand and typewriting, professional and administrative techniques, Italian history and literature, Jewish education and Hebrew language and computer science.

The subjects taught in the Scientific high school in Rome are : Italian, Italian literature, Latin, modern languages (English and French), history, Jewish education and Hebrew language, geography, philosophy, chemistry, natural sciences, physics, maths, drawing, computer science.

The students at the Scientific high school in Rome and the Business and Language school in Rome as well as in Milan do have several hours of physical training.

Both the schools have good science laboratories and a language laboratory as well as special classrooms for drawing, shorthand and typewriting, library, audiovisual classroom and a good gymnasium.

Jewish education is taught in all our school as an integral part of the curriculum. There are also many cultural activities such as lectures , parties and celebrations of Jewish festivals.

Hebrew language courses are given to our students, teachers and

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members of the Jewish Community in general in cooperation with WIZO.

In our schools in Rome, every effort is made to involve parents in order to achieve a sense of Jewish identity in the students by an extensive programme of Jewish education (from 5 to 7 hours weekly) Hebrew language tuition by Israeli "Morim" by audio-visual methods and the use of films, pictures etc.

In the Business and Language school in Milan, four hours weekly of Jewish education forms part of the school curriculum. In addition to Hebrew language, religion, Jewish history and philosophy, students read articles from Israeli newspapers etc., and we have also successfully introduced Jewish history into the history session. This opportunity for comparative study was very well received by the students. Many students take an active part in youth movements (Hashomer Hazair, Bene Akiva etc.) and in the Milan youth club.

During the 1980/1981 school year, a new and important initiative was taken with the introduction in our schools in Rome and Milan, of courses on information technology and computer science. A highly qualified teacher was engaged in 1981 who holds frequent refresher seminars on the use of computers and robotics for teachers of this new important science.

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The computer program for both the schools in Rome and Milan, was extended and consolidated from 1982 to 1988. A special laboratory with 24 computers (Texas instruments and Apple II) was completed in Rome with all the necessary equipment installed. The students of the third, fourth and fifth classes of both the schools in Rome are now getting practice on computer operation. This new and very important activity has now become a standard part of the school curriculum. A complete computer laboratory has also been set up in the Milan school.

The Milan Business and Language school situation has compelled ORT to change its school policy there. In fact, the number of students in this school has declined steadily mainly due to the low birth rate in Milan. After serious consideration, ORT Italy and the Milan Jewish Community have decided to create a combined upper school to reduce the number of courses in line with the reduced number of students.

For the 1986 / 1987 school year ORT did not open a new first class at the Business and Language school. Instead a first class was started at this experimental school, in partnership with the Milan Jewish Community. The project for this new experimental school was authorised by the Ministry of Education.

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During the 1987/1988 school year the second class at the Business and Language school in Milan was not opened, but a second class did start at the experimental school, again in partnership with the Milan Jewish Community.

For the current school year, the third class at our Business and Language school in Milan was not opened but we did open a third class at the experimental school in partnership with the Milan Community.

This experiment has been so successful that 66 students have enrolled for the new classes at the combined school, making a total of 158 students for three classes.

During the next two years, our Business and Language school in Milan will close down completely to be replaced by the new combined school with an enrolment of 240/250 students. This should rationalise work and reduce expenditure.

This new type of school is what should have been created by the Government reforms postulated more than 20 years ago. Equipment for the computer laboratory in the Milan school has been provided so that the entire school will now have adequate facilities. The structure of this new school will also involve a new administrative management of ORT Italy.

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At the end of September 1987 the ORT Office in Milan has been closed. The closure of the Rome English Language Program for Refugees also involved changes in the ORT office in Rome.

The graduates of our Business and Language schools in Rome and Milan, will be able to find employment in banks, embassies, industry, administrative offices, public agencies etc. Those who wish can matriculate. Graduates of our Liceo Scientifico in Rome, generally gain admission to one of the science faculties. Every year some of our students decide to go to Israel and continue their studies there.

SOCIAL ASSISTANCE

Financial assistance is given to students of both the Rome and Milan schools. This includes study scholarships, transport subsidy, free books and reduced study trips etc.

SPORTS ACTIVITIES

Physical training is included in both the Milan and Rome school curriculum. The newer part of the school building in Rome now

ITALY

has a fully equipped gymnasium.

A football and a basketball team with 30 students of our Rome school, distinguished themselves at the ORT France Challenge Cup competition in Lyons in April 1988.

ACTIVITIES OF ORT ITALY

The Central and Executive Committee had a very busy year overseeing the many important activities of the Organisation.

MEMBERSHIP

Despite all our efforts, we still have membership recruitment problems, due mainly to the extremely difficult economic situation in Italy and the fact that the Jews in Italy are not concentrated in one or two areas but in small numbers scattered over the country and therefore difficult to reach.

SEMINARS

A special Jewish Education seminar was held in Rome during June 1988, by Dr. Arie Don of the World ORT Union. All Jewish Education and Hebrew language teachers at the ORT school in Rome and some from the schools in Milan attended.

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The seminar was extremely important as Dr. Don gave many examples of educational material and teaching methods for Jewish Education and Hebrew, which will be used by all the ORT schools.

ACTIVITIES IN OTHER COMMUNITIES.

In other cities ORT conducts special courses at local community schools. In Leghorn, ORT is now the sole provider of Jewish Education for youngsters. For this reason two courses have been started; one on Sundays on Talmud Torah for the teaching of Jewish culture and one for a few hours weekly on computer science.

In Turin ORT has been running a creative education course and is currently preparing a course in information technology and computer science at the community school. ORT Italy also assists the Jewish youth of the Communities of Florence, Leghorn, Venice etc. in the area of Jewish education.

Financial problems are compelling the smaller communities to close their schools. The school in Leghorn has already closed. ORT's assistance to the communities will therefore become a heavier burden on ORT Italy. Unfortunately ORT Italy's budget has inhibited its assistance to the smaller communities. Nevertheless, the financial situation of the smaller communities

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will make it essential for ORT Italy to assume greater responsibility in this very important area if the heritage of the local Jewish populations is to be preserved.

COOPERATION WITH OTHER ORGANISATIONS

The relationship between ORT and the Jewish Communities of Rome, Milan, Turin, Leghorn, Florence, Venice and Mantua is excellent.

Our activities are covered by the Jewish press, in particular by "Shalom" in Rome and "Voice of the Jewish Community" in Milan. Both magazines have published several articles about ORT, and we publish regularly in the "Panorama ORT" pages of the Milan Jewish Community bulletin.

FUNDRAISING

A certain number of successes have been obtained among the better off parents of some of our students. However, as regards membership, recruitment is still very difficult, as the Jewish Communities in Italy all have deficits; most of our efforts are, therefore, concentrated in this direction.

A Swiss Institution, LIMMAT-STIFTUNG of Zurich, has given ORT Italy a total grant of Lire 140.000.000.- over four years, in

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order to improve our computer laboratories and information technology and robotics courses. These contributions have enabled us to complete our computer laboratory in Rome and to make the teaching of computer science an integral part of our school curriculum.

COOPERATION WITH PUBLIC AUTHORITIES.

Our friendly cooperation with the local authorities of the Lombardy Region has continued. Cooperation with the Ministry of Labour, Ministry of Education Board of Education of Milan and Rome, as well as with ISFOL, has also continued in a friendly spirit.

FUTURE PROSPECTS

As far as the coming school year is concerned, the prospects for Rome and Milan are excellent.

In Rome we have had to start two new first classes at the Liceo Scientifico - each with 21 students. In Milan the current school year also began with opening two new first classes at the combined school. Each new first class of this school has 33 students. Both of these first classes are overcrowded.

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The high student enrolment figures and the good final examination results, which have earned congratulation from the State Examination Commission, provide ample evidence of the success of both schools.

On the technical and educational side, the introduction in our schools in Rome and Milan of computer science, computerised graphics etc. will certainly go from strength to strength.

Nevertheless, the difficult financial problems caused by the decline in the value of the US dollar, the cuts in the American Government and World ORT Union subvention seem set to jeopardize our activity.

MOROCCO

The demographic situation of the Jews in Morocco continues to change. Emigration, particularly of young people, is still taking place and the present population is about 6,500.

There has been a marked improvement in the economic situation during 1988 as a result of the benefits brought by the rain.

At present the ORT Morocco school network consists of a single school for boys and girls, where there are 11 classes and seven courses. These are higher technical diploma (B.T.S.) in information technology and management, secretarial training, electricity, hairdressing and beauty care, mechanics (continuing training) and a special intensive remedial class.

The Apprenticeship Department (S.A.P.) has carried out its work efficiently, placing graduates and investigating business training (continuing training) of partners; and ORT seconds teachers for this training.

MOROCCO

The student body at 31st October 1988 was as follows:

School for boys and girls	176
S.A.P. and Businesses	30
Introduction to Information Technology	220

The examination results for 1988 were as follows :

	Candidates	Passes	% age
Baccalaureate H (Inform Tech)	20	19	95
Secretarial Train.(C.A.P. in 2 yrs)	13	13	100
Hairdressing (3 CE)	8	8	100
Beauty Care (3 CE)	5	5	100
General Mechanics (3M)	12	7	58.33

This year we introduced higher education to ORT Morocco in the form of a B.T.S. in Information Technology and Management, and we take pride in the significant number of pupils in their first year of this course. We are continuing to develop information technology software (E.A.O.) for both education and industry.

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Recruitment of qualified teachers is a perennial problem. Reduction in the activities of the Mission Culturelle Francaise has led to a reduction in the number of French teachers in Morocco. As a result we have had to turn to Moroccan teachers, who are not always able to master the French programmes.

We are pleased to see that our system of vocational training has proved increasingly attractive to young people, especially as regards the technological Baccalaureate, and to note the improved attitude of parents to technical education, particularly information technology. This latter course is followed by nearly two thirds of our student body.

A major problem, which has now become a matter of urgency, is our information technology laboratory equipment. The nine Commodore computers, which we have had for nearly seven years, are out of date, and do not meet current needs. Earnest approaches have been made to the World ORT Union and the ORT Morocco Committee for financial assistance.

The normal timetable for all classes includes courses in Hebrew, Jewish History and religious Education. A fair number of our pupils entered for official Primary Education Diploma (B.E.P.C.) and Baccalaureate examinations take Hebrew as their modern language. From October to June the major festivals are

MOROCCO

celebrated, including Chanukah, Tu Bish Vat, Purim, Pesach, Shavout etc. Each of these festivals is enhanced by various activities.

The ORT Morocco Committee, under Mr. Jacques O'Hana, encouraged by the excellent 1988 Baccalaureate H results, and the creation of a higher education department (B.T.S.) has promised to spare no effort to increase its contribution to our organisation.

ORT Morocco is a very important and valuable member of the community. It is still the only Jewish organisation providing vocational education. We cooperate with OSE-Morocco, a children's aid organisation dealing with child health. A nurse is seconded to ORT Morocco and a doctor sees the pupils regularly. The A.J.D.C. continues to participate in the nutrition programme. Ittihad-Morocco, whose cooperation with ORT is the most extensive and longest, remains ORT's favoured partner, ensuring general primary education by seconding teaching staff.

We convey our thanks in anticipation to the World ORT Union for understanding, aid and support for our programmes, which enable Jewish youth to be given the sound technological training which will enable them to maintain independence and dignity.

NETHERLANDS

No organisational changes have taken place yet.

Regarding leadership development: contacts have been made with IJAR (Dutch Jewish Student Organisation) and Habanim in order to get young people interested.

Efforts have been continued to involve World ORT Union via ORT Netherlands in Dutch bilateral development projects. In July Simon Feldman, Robin Gilbert and committee members paid a visit to the Ministry of Foreign Affairs.

The same delegation paid a visit to NOVIB, which resulted in the sending in of seven new project proposals.

The ORTIT contract will be renewed and the project leader will be sending his proposal shortly.

PORTUGAL

This report is based on information received from Mr. Narciso Arie, who has been ORT's liaison in Portugal for many years.

Since Portugal's entry into the E.E.C. there has been an improvement in the country's economy. As a result, the population as a whole has become more enthusiastic and energetic, anxious to be part of the new prosperity. There has been increased investment from international and multinational sources in banking, industry and various enterprises. Unemployment has decreased from 10.8% in 1985 to 8.8% in 1987.

The Jewish population of Portugal has stabilised at between 120 and 130 families (between 300 and 350 individuals). There is now a new generation - mainly of graduates - who enjoy an improved standard of living. Nevertheless, there is still only one university professor, who is an internationally renowned physician, two or three new engineers a few doctors but no new barristers. The preferred course has been economics, leading to important positions in business.

The Comunidade Israelita de Lisboa maintains basic services, the Synagogue, the cemetery, provides kosher meat, etc. An encouraging development is that the "Hehaver" educational centre has a newly elected Board of Directors, and it is hoped that an

PORTUGAL

encouraging development is that the "Hehaver" educational centre has a newly elected Board of Directors, and it is hoped that an emissary teacher (Shaliach) will be appointed soon. However the present demographic situation is extremely worrying and greater efforts are needed to fight against what might be described as cultural anti-Semitism, or rather anti-Zionism. Unfortunately, we are encountering apathy not only in Portugal, but internationally, at a time when support and encouragement are essential to preserve this community and its heritage.

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SOUTH AFRICA

STATE OF ORGANISATION

The visit to South Africa by the Director General, Mr. Joseph Harmatz and Dr. Dan Sharon was a highlight of our calendar this year. Both were very well received wherever they went and did some very constructive investigations to assist us in the establishment of a Resource Centre at the Jewish Day School. The possibility of another centre for the general community was well investigated too and the scope is substantial.

We held a very successful biennial conference in August 1988 which was well attended by workers from all regions, and it was most refreshing to see new faces and younger workers showing a great interest in the work of the organisation.

We noted a new mood of enthusiasm created particularly by the substantial progress made in creating new local projects by ORT in South Africa, and a positive response to the establishment of the Resource Centre.

We have now employed the services of a promotions person to actively pursue :

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1. Increased publicity for ORT in South Africa
2. Recruitment of new active workers and establishment of new chapters
3. Recruitment of general membership

Results have to date been very positive in the formation of three new chapters with two more in the pipeline for the near future. It is envisaged that she will soon travel to branches in other parts of the country to pursue the objectives mentioned.

A study has been made into the restructuring of our organisation which should lead to a more effectively run organisation and also one in which leadership development and succession will be promoted. We have been dealing with a management consultant to assist us in this matter.

MEMBERSHIP CAMPAIGNS

Unfortunately, because of the situation in South Africa and the continuing emigration problem, we have not been able to increase our membership. We have had considerable success in enrolling new members but these have not been sufficient to replace those who have left the organisation.

We now have a membership of 8,800 which includes men, women and

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juniors. The promotions person on an ongoing basis is personally contacting the younger members of our community and in this way has recruited approximately one hundred new paying members, which has also resulted in the formation of new working chapters.

NEW PROJECTS

We have a new group of enthusiastic young women who work under the name MAX BRAUDE CHAPTER. They have a number of fundraising projects planned.

A further group of young professionals - advocates and attorneys - have already organised a series of lectures which recently took place most successfully and we have great hopes for their future participation in our Bequest programme and ongoing fundraising.

A new chapter has been established to look into a project related to computer software which looks very promising as a fundraising venture.

At least two further chapters are being finalised shortly, both consisting of younger people, and their fundraising projects are at present under consideration.

SOUTH AFRICA

LEADERSHIP DEVELOPMENT

We are giving serious attention to leadership development and have recently conducted a Leadership Evaluation seminar, by a leading Doctor of clinical psychology. The seminar created a great deal of interest and stimulation and it can already be seen that participation has improved the confidence of our younger workers.

Arrangements are being made to have further workshops early in the new year.

As mentioned earlier, the proposed redesigning of our organisational structure would also be designed to assist and promote leadership development.

ACTIVITY PROFILE

1. On Sunday the 23 October 1988, the 15th annual golf competition run by one of Transvaal's chapters took place at the Automobile Club, Killarney. The committee who organise this competition are dedicated workers and increase their fundraising target each year. The function was a huge success and a record amount of R38,000.00 was raised. The main sponsor of this event was the same as last year, National Panasonic, who have again

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pledged their support for the event in 1989.

2. Johannesburg Women's ORT again organised a R100 competition which raised an amount of over R25,000.00. In addition a phantom street collection was organised to honour one of our oldest workers, 87 year old Annie Jaffe, who has been a staunch worker for the organisation for over forty years. The smaller functions were premieres, the production of a telephone index and a fashion show.

One of the major functions organised annually by this dedicated group of women is of course the presentation of Rosh Hashana gifts which swells the coffers for their fundraising efforts.

3. The main function organised by the Natal Branch is "Mothers' Day" which includes a competition to win a motor car, and this year raised more than R16,000.00

4. Eastern Cape branch with a total Jewish population of 487 families exceeded their commitment by R10,000. They produced a Rosh Hashana greeting booklet and organised a premiere in addition to smaller functions. This branch won the trophy presented at our Biennial Conference for raising the most money per capita.

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5. Karmiel.

The visit of our Director General, Mr. Joseph Harmatz, greatly facilitated our fundraising for Karmiel, when we received pledges for R254,000. We have undertaken to fund the Chair of Fibre Optics as well as the amphitheatre and surrounding gardens.

We have established a committee to look into ways of publicising Karmiel and also promote student recruitment.

PUBLICITY

The ORT Reporter is issued twice a year and is circulated to a readership in excess of 20,000.

In addition, each function is published in the Jewish Newspapers and a local newspaper which cooperates in publishing articles to promote ORT.

During Mr. Harmatz's visit to South Africa, we arranged for a television interview where he was accompanied by our Hon. Life President Mr. Basil Wunsh. The event was widely commented upon and was a fillip for the Organisation.

Our Biennial National Conference took place during August 1988. We had as our guests for this event two ORT students, Gabriella

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Goldenberg from Israel and Diego Crupnicoff from Buenos Aires. Their visit was a tremendous success and we were able to get newspaper coverage as well as again, an appearance on television. They visited ORT youth groups, Jewish Day Schools and addressed meetings of our workers. These events too, gave us wide publicity coverage.

ORT'S ROLE IN THE COMMUNITY

Ort Technical and Business Advice Bureau.

This group of retired business men continue to do a sterling job of work and the recipients of their advice are mainly from the Black business community. However one of the young Jewish entrepreneurs who has been nurtured and guided by this committee has recently won the award of "The most improved Business Man of the Year" and his thanks were given for the wonderful advice and support received from the Chairman of the above chapter.

S.A. ORT Bursary Trust

The Bursary Trust continues to prosper. Funds for the Jewish students bursary programme have been greatly enhanced by the introduction of the Twin Scheme incorporating the Black Students Bursary programme. During 1988 ORT became the largest

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contributor to Black students studying at the University of South Africa.

Resource Centre at the Jewish Day Schools.

Resulting from the visit of Mr. Harmatz to South Africa, a Resource Centre is being established at the Jewish Day Schools in Johannesburg which will service the schools that fall under the South African Board of Jewish education.

Suitable candidates for running the Resource Centre are at present under consideration and will then be sent to World ORT Union for training. It is anticipated that the Centre will be in full swing for the coming academic year.

Career Unit

Two units are in existence - one in Johannesburg and the other in Capetown. The services offered by these units are a tremendous contribution to students and are both successfully run by experts.

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AFFILIATION WITH OTHER ORGANISATIONS

ORT South Africa continues to be affiliated to :

1. S.A. Jewish Board of Deputies
2. S.A. Zionist Federation
3. S.A. Jewish Family and Community Council

Representatives of our organisation attend all meeting conducted by the above bodies in each community centre in South Africa.

BACKGROUND

Although political and social upheavals still prevail in South Africa, we feel that we have made considerable progress in consolidating and even improving the position of ORT in this country, and will not relent in our efforts to continue in this direction.

The establishment of the ORT Resource Centre at the Jewish Day schools is a big step forward, and if we are able to initiate a Resource Centre for the general community this too will be a great incentive for our workers and enable us to generate more

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funds for World ORT Union.

I would add that I feel that ORT has now entered a new phase in South Africa. The visit by our Director General and the assurance of his support for our increased local activity has provided a substantial force to increase new momentum of development in South Africa and improve our ability to support the World ORT Union.

SPAIN

This is the first time for many years that this annual report has contained an account of ORT activities in Spain.

In April the World ORT Union held its Executive Committee meeting in Madrid, the first time that the organisation has ever met in Spain. A provisional committee had been established by Mr. Maurice Toledano and Mr. Joseph Lasry and the Executive Committee was welcomed at a reception given by the Madrid community and its President.

Prior to the Executive Committee meeting, a group of fifty ORT leaders and Friends of ORT toured places of Jewish interest in Spain.

At the end of April, ORT inaugurated a computer laboratory in the Sephardi school in Barcelona. Plans are also under way, in conjunction with the Jewish community of Madrid, to establish a presence in the Jewish Community School there.

In addition to the above, the Director General, Mr. Harmatz and the Director of the Technical Department, Dr. Dan Sharon have had meetings with the Spanish authorities regarding the establishment of an ORT resource centre in Spain. Discussions are continuing.

SWEDEN

Swedish ORT uses the calendar year for programming its activities. Therefore we cannot cover more than in broad outline what we have been doing during most of 1988. For a more comprehensive version, the eager reader will have to wait until March or April.

1. MESSAGE FROM THE CHAIRMAN

For seven years now I held this office, ever optimistic, ever hoping for a change in the ill winds that blow here. Much has improved over the years, much has been begun, and much must still happen. However, now that Seven Lean Years have passed, now is the time to pick up our courage, double our efforts, and set our sights even higher!

2. ORGANISATION

The membership of Swedish ORT consists of close to 500 persons who have actually paid their dues during Fiscal 1988. This leaves some 400 who used to be members but who have not been sufficiently attracted to remain with us. Of course we hope to win them back, and also attract more young members in addition to the 50 - 60 of the Malmo group around Lilly Moore. Beyond this, renewed cooperation with Judiska Kvinnoklubben (a Women's organisation) hold some promise of future strengthening.

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The main event of 1988 for Swedish ORT was of course the visit by the President of the World ORT Union, Professor Ephraim Katzir, in early September. This visit has inspired us greatly and has provided us with much needed momentum in our promotion of ORT.

Our main thrust, apart from organising the reception of Professor Katzir, is still to approach our main objectives through a number of working groups, each assigned one major task such as Membership, Fundraising, cooperation with SIDA, Jewish Education, etc.

The Board has met a number of times, and has increased our cooperation with other Jewish organisations.

3 PEDAGOGICAL/TECHNICAL

Our most encouraging achievement so far during 1988 is that we have been able to supply the Hillel School of Stockholm (a Jewish primary school) with a computer, some programs, and also provide training for a group of teachers in the use of the computer. This splendid development was made possible after a generous donation from Abbe and Elin Muhlrad. Our ambition is that this shall be the start of a computer centre that will enable us to grant computer literacy to teachers and students and to introduce Jewish Education programmes to the school. Robotics training at Orebro seems to be increasing.

SWEDEN

4. FUNDRAISING

Our main source of income during 1988 has been membership dues, gifts, small donations and grants; and a major grant from the Keren Hayesod - each representing ca 50.000 SEK. Our special Trust funds have added their interest to the capital apart from some scholarships that have been paid out during 1988 to Israel.

We are negotiating, in cooperation with the WOU, the arrangement of a donation enabling Swedish ORT to purchase a plot in Karmiel to be used for creating a Park.

5. MISCELLANEOUS

Firstly, we have been able to participate in the special efforts of the World ORT Union to promote Young Leadership within ORT itself, and we hope to continue this effort. Our very Young ORT Leader, Lilly Moore of Malmo, attended the Budapest Executive Meeting and will also come to the Karmiel Inauguration next year.

In cooperation with the World ORT Union Technical Department and other ORT National Unions as well as other organisations, Swedish ORT is designing two special projects in the third world. One is aimed at improving safety in mining operations and the other is a Crisis Management training programme. The latter can be employed in combination with the first or separately.

SWITZERLAND

MEMBERSHIP

The total membership of ORT Switzerland is 5,140, of which 3,080 are men and 2,060 are women. There are four active groups working in Geneva, Zurich, Basle and Berne.

ACTIVITY PROFILE

ORT Switzerland has organised fundraising campaigns, a film show, concerts, bridge parties, sales of gadgets by post, sales of programmes, raffles etc.

The Association of the Alumni of the Anieres Institute (Geneva) has recently elected a new Committee for another two years. From the 200 members of the association, a hundred attended that evening. It is planned that a delegation of a few of them will take part in the opening of the Max Braude Institute in Karmiel next June.

ORT-Gazette is published in Geneva and keeps ORT members informed about the past and future activities in Switzerland and all over the world. During 1988, two more issues were printed and mailed out. The ORT Zurich office published a new issue of its ORT-Forum.

SWITZERLAND

In Perly (Geneva) a number of 16 students from four countries of Africa (Mali, Togo, Guinea, Benin) have just started their 18 month training programme (techniciens d'encadrement en electricite) within the International Programme of Cooperation between the Swiss Government and their different countries.

Last September, in Basle, the ORT Women's Committee organised a concert and buffet during the exhibition "Jews in Basle".

November was a busy month in Geneva : 400 participants attended the ORT's International Bridge Tournament. People from France, Germany, Norway, Poland and from all parts of Switzerland took part in the Mixed, Open and Patton Tournaments.

On November 20, ORT together with Hadassah organised a concert-recital with Itzhak Perlman (violin) and Samuel Sanders (piano), which was a great success.

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The significant changes in the social climate which dominated the country experienced in 1987/1988 have not brought relief to the work of mass membership organisations dedicated to improving the human condition, including Women's American ORT. Despite an escalation of political rhetoric about a sunburst of volunteerism in the private sector -- an assertion the function of which was to counter growing demands for increased government attention to social problems -- voluntary membership and charitable fundraising organisations have not flourished. Harassed by changes in the tax codes and by an uncertain economy (still recovering psychologically from the October 1987 stock market crash); on the one side, these organisations face the additional burden of recruiting membership from a population motivated by a moral system which defines success in individual financial and career achievement terms.

Nevertheless, a process of political movement is taking place in America. The new administration is likely to be more "activist" than the last. Whether and how this new mood will "trickle down" into the volunteer sector remains to be seen.

The scope of the election campaign is illustrative: George Bush competed with Michael Dukakis on setting the terms for the agenda of an active federal government, with particular emphasis on

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education issues and environmental issues, and not merely on defence. To quote an unlikely source, Vice President-Elect Dan Quayle described a newly discovered commitment to 'civil rights', 'job-training' and the 'environment' this way: "Getting government involved in a limited but effective way is a new type of conservative approach".

Eight years after the beginning of the Reagan revolution, the pendulum has swung back towards an activist phase of the social cycle. As Charles Murray author of the influential critique of welfare policy *Losing Ground*, noted in a recent article :

"It is by now taken for granted that the nation is about to turn to the Left in domestic policy," . He adds "Indeed, the urge to try again (albeit with somewhat different nostrums) is as strong among many Republicans as it is among Democrats, which means that some sort of Son-of-the-Great-Society seems very likely even if George Bush wins the presidency."

Tragically, at the same time that new - and traditional - roles and expectations will be placed on government, government will have to find a way - or ways - to drastically cut the federal budget, not merely to close the gap through raising taxes, reducing its ability to fulfil the higher expectations.

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The limits on this new sense of activism will have more to do with the constraints imposed on the incoming leadership by the mountainous deficits bequeathed by its predecessors rather than by any ideological bias. If the last eight years have left behind them a legacy of achievement and failure, the deficit towers above all the other offspring of the outgoing administration.

Awareness of the enormity of the problems caused by the deficit has added to a growing climate of economic uncertainty. If that awareness is a result of the presidential campaign - it is notoriously difficult here, at any other time, to capture and hold mass attention to a complex political and economic issue - the election process itself undoubtedly added to the sense of uncertainty.

If the social reality is in a movement of flux, there is new opportunity for organisations like ORT committed to improving the lives of people everywhere. There is a growing awareness, articulated in business and political circles, of the critical role of education in shaping the future of the country. Education is now defined in terms of national self-interest. One major corporate figure, David Kearns, the CEO of Xerox, published a major book on the nation's failure to create, nourish and sustain an adequate educational system.

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A recent article in the National Journal asserted that "children" as a political issue, have come of age". The article went on : "... Some regions and industries concerned about their economic future in the wake of the recession and the emergence of the massive U.S. trade deficit, have begun worrying about the quality of the up-and-coming workforce. Children are not only a declining portion of the population: a growing share of them are also minorities and are poor - and, therefore, more likely to be at a disadvantage in school and in the labour market, and more at risk of facing a life of poverty, welfare dependency or crime...

"... Just how the new interest in children will translate into policy remains unclear. But having governors and, more significant, hard-nosed business executives talk about the importance of, say, prenatal care for low income women or early childhood education programs has given children's issues a sudden growth spurt."

Furthermore, there is growing recognition - fuelled by the "greenhouse effect" and nuclear plant problems - of the need for government to intervene on behalf of public welfare, that is, for some measurement of re-regulation.

This moment of flux is characterised by a sense of movement in

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several (often opposing) directions at the same time. If plotted on a three dimensional graph, the American - and American Jewish - rush toward the future resembles a zig zag rather than a straight line.

Still, the zag back to a government more activist than during the last administration has coincided with a muting of the more extreme expressions of political extremism which rode in on the preceding zig of Reaganism. As if on cue, one year before the presidential elections, cracks began to appear in the Radical Right. A number of leading televangelists of the "Moral Majority" persuasion publicly suffered sexual and/or financial scandals. The Wall Street boom revealed its seamier sides, not only on the "Black Monday" of the crash, but in the seemingly endless parade of fallen stars, only yesterday hailed as "financial geniuses", on their way to jail.

For the Jewish community, this period has been punctuated by growing apprehension about anti-Semitism and by a perceived decline in the hitherto solid wall of support for Israel.

The extent to which anti-Semitism is on the rise above the levels of recent years is debatable - the fact that more American Jews feel vulnerable is not. This has been reflected in national meetings and conferences, at the grass roots and national

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leadership levels.

This ugly tendency was readily evident in the nature and tone of the religious right's campaign against the film "The Last Temptation of Christ" as a Jewish plot against Christianity. The screening of the film was accompanied by public demonstrations blaming the Jews for a story written by a Greek, and directed by an American Roman Catholic of Italian descent. Threats were issued against continued U.S. aid to Israel: all because the chairman of the board of the company which owns the film company in question was Jewish.

At the same time there was an increase in the strength of what is normally referred to as the "left". Mobilised by the presidential campaign of Jesse Jackson, the left was able to project a discordant note into the hitherto broad consensus of support enjoyed by Israel.

The introduction of what was, given the context, an anti-Israel resolution at the Democratic National Convention, was one expression of this tendency, which also included a rise in anti-Jewish statements by a number of black leaders. The continuing and unsettling events in Israel and the confused political situation, in Jerusalem, added to the uncertainty in the American Jewish climate. The fact that both the U.S. and Israeli

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democracies had scheduled elections for November of 1988 added to the sense of impending change.

As reported in recent years, voluntary membership organisations and especially those composed of women, have had to contend with dramatic, apparently irreversible changes in the role of women in American society. The trend of women returning to work, or first entering the labour force continues. If Women's American ORT has continued to suffer less than others from the defections so common nowadays - defections from the public to the private, from the life of an organisation to an individual life - we have still been hurt by it. The organisation suffered a net loss in membership of a minimal 500 members, which we consider to be stable.

Nevertheless there were financial consequences, as Women's American ORT could not meet its commitments to the World ORT programme and took the course of securing a large loan from the bank in order to do so.

Even so, activity not only intensified, but diversified. The ORT school in Los Angeles secured academic accreditation. The Bramson School in New York moved to its own building in largely Jewish surroundings which has facilitated the growth of the student body. There was new and exciting progress in the

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campaign for a school in Chicago. Women's American ORT continued to be deeply involved, politically and financially, in the life of the Jewish community, from the local to the national echelons. We sustained our commitments to the Conference of Presidents, the National Conference of Soviet Jewry, and the National Jewish Community Relations Advisory Council - the principal umbrella of the Jewish community.

Structurally, Women's American ORT began to adapt to the changing times. Since members have less "time" for volunteer activities, we moved in the direction of task-oriented assignments for volunteers, rather than relying exclusively on volunteers assuming long-term responsibilities.

The organisation began to test new methods of fundraising and organising to explore which might be appropriate to our new situation.

We created a video cassette to help train volunteers to solicit contributions at a higher than the traditional level. We tested the value of direct mail to reach out more effectively to our membership. In general - and in line with the above mentioned video cassette which was broadcast simultaneously to members in 16 major Jewish communities covering 55 ORT areas - fundraising has been geared towards higher levels and toward the utilization

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of large community and organisation projects.

The organisation moved to consolidate the newly refashioned relationships among its echelons. We had restructured six of the Districts into Field Committees in order to facilitate the increased demands on them from lower echelons to play a servicing role. Four Districts continue to function in the traditional mode. The six National Field Service Committees began their work, and their six chairmen took their place on the National Executive Committee.

Gert White concluded her distinguished term as president and was succeeded at a National Convention, by Reese Feldman. Reese's first year has served to confirm her strong leadership and keen vision of a vibrant future for the organisation in the tradition of the past presidents, including Gert White, Ruth Eisenberg and Florence Rosenthal. Each one of these has wisdom and creativity to spare. In one organisation, their combined energies offer the anchor of continuity and the stability and strength to pioneer a new direction. Sandy Isenstein, who began a term as Chairman of the National Executive Committee, has already made her mark as part of the vigorous, flexible and committed National leadership team.

Women's American ORT struck out in a number of new directions

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not only in terms of capital fundraising, but in membership recruitment and re-enrolment.

The organisation, in keeping with its activist character, expressed its involvements in a widening area of community concerns. In addition to its activities in defence of Israel, and in combating anti-Semitism, the organisation continued to offer broad leadership in the community.

In 1988, for the second consecutive year, Women's American ORT served as the national convener of the Women's Plea for Soviet Jews, observed since 1971 on or near Human Rights Day (December 10th) in communities throughout America. The Women's Plea is a cooperative endeavour of the Leadership Conference of National Women's Jewish Organisations (comprised of 12 groups), the National Conference on Soviet Jewry and the National Jewish Community Relations Advisory Council. As national convener, Women's American ORT coordinated the efforts of the other eleven organisations of the Leadership Conference in recruiting and assigning local convenerships. Throughout the year, we prepared information and programme materials and guidelines for local conveners' use, disseminating those not only to our own local conveners, but also to those of the other organisations. As we did last year, we will develop an evaluation report of Plea '88, also a service to all of the organisations, to assess the Plea's

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effectiveness in preparation for next year's advocacy efforts on behalf of Soviet Jews.

Another major component of our work in the Soviet Jewry movement is the Bar/Bat Mitzvah Twinning project, a process through which American Jewish volunteers share their Bar/Bat Mitzvah ceremonies with boys and girls of similar age in the Soviet Union. The Soviet youngsters, children of "refusenik" parents and unable to observe this milestone in Jewish life freely, thus participate by "proxy". The National Community Affairs Department supplies profiles of the Russian youth and their families to our constituent units, as well as Twinning Certificates and periodically updated Twinning brochures and Programme Kits. In a number of cities, Women's American ORT areas coordinate the Twinning programme for the entire Jewish community.

A centrepiece of our domestic agenda has been the mobilization of our membership in the allied areas of literacy and library use. Illiteracy is a problem of near-epidemic proportions in the United States, a frequently cited figure being 27,000,000 illiterates. The National Organisation has stimulated local members' action through providing related data, resource contacts and programming samples and guidelines. Many of our local units have responded by participating on community and state task

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forces on literacy, raising public awareness of the problem through forums and the written word, serving as volunteer reading tutors and engaging in efforts geared toward recruiting potential learners.

A special focus in 1988 has been encouraging library use, spearheaded by the department's "Love Reading" campaign, with a calendar of events such as "Library Card Sign-up Month" suggested activities, projects, and target groups, and a resource list. As the year 1988 has been designated by the U.S. Congress as "The Year of the Young Reader", we are disseminating ideas for special events and services related to that theme. Women's American ORT has been accepted as a National Library Week Partner; the Partnership Programme, sponsored by the American Library Association, encourages public awareness and appreciation of libraries and the contribution that they make to their communities. We anticipate that these developments will spur considerable involvement of our membership at the community level, working hand-in-hand with their local libraries and helping young people discover the joys of reading.

CONTRIBUTIONS TO THE WORLD ORT OPERATIONS

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During the 1987/1988 fiscal year, Women's American ORT met fully and oversubscribed its commitments to the World ORT Union's Expenditure Budget. Total commitments (Basic and Capital Funds) for the fiscal year totaled \$5,129,085. This included an additional \$62,500 representing the second instalment on a special grant by the organisation toward a supplemental commitment of \$150,000 for the Beverly Minkoff Junior High School in Jerusalem, a "feeder" school for the School of Engineering.

Commitments for the current 1988/89 fiscal year have been set at \$5,179,585 or \$50,000 or 1% greater than the 1987/1988 commitment.

MEMBERSHIP RECRUITMENT AND ENROLMENT

Many of the negative trends described above most deeply affected membership and chapter growth. The combination of an anti-social cultural climate, the continued increase in the numbers of women entering (or re-entering) the workforce and the economic and political uncertainties created a difficult set of obstacles for the organisation to overcome.

We continually seek ways to ensure that our efforts to recruit and retain members are profitable. The ongoing trend of women returning into the work force has had a major impact on the way

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the organisation functions and the relationship between the organisation and the volunteer.

The structural modification process was embarked upon in 1986 and now must be advanced one more step. What has been discussed and verbalised so eloquently must now be put in place.

The organisation can no longer afford the luxury of re-enrolling and recruiting new members without sharing on a personal level the scope and meaning of the ORT programme. We have, therefore, instituted a program of one-to-one recruitment "tete-a-tetes". While successful, this programme is time and energy consuming. Fewer women are willing to spend long hours doing a job in which the rewards are not easily attained.

Our figures for 1987/88 were 101,661 re-enrolled with 12,287 new members for a total of 114,531 dues paying members for the year. In addition, we opened 26 new chapters bringing our total chapter strength to 1,154 of which 93 are Chapters-at-Large.

Mention must be made here that although we are holding our own in total due paying members as compared with 1986/87 (114,994) we must embark upon a long-range plan to ensure that we will continue to be as relevant to potential new members tomorrow as we were yesterday.

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The following comparative table traces the experience as regards other echelons of the organisation:

Echelon	1986/87	1987/88
Districts	4	4
Regions	66	66
Area Councils	10	10
Coordinating Committee	7	7

Three new echelons were created, the Palmward Evening Region became the first side-by-side Region, and the South Jersey Tri-County Region, composed of New Jersey chapters in the Philadelphia Region; and the Greater San Antonio Area Council.

In July 1988 Women's American ORT Executive Vice President, Nathan Gould, retired from active service after 38 outstanding years as chief architect and engineer of the organisation. David Twersky assumed the office of National Executive Director in September 1988.

ZAIRE

The ORT Zaire Committee, under the Presidency of Mr. Clement Israel, holds regular meetings. The active membership of the committee includes Messrs Abraham Pinhas (Vice President), Mardoche Franco, Patrick Menache, Daniel Grau, Henry Lazini and Maurice Grosfeld.

Since Mr. J. Amselem arrived in Kinshasa to direct the Health, Education and Nutrition project there has been more contact between the other ORT Heads of Project and the ORT Committee in Zaire. Thanks to this latest state of affairs ORT Heads of Project have improved working relations with the Zairian Administration, both at governmental and at regional level.

The transfer to the local authorities of the Health, Education and Nutrition project in Lubumbashi was carried out smoothly. A Canadian Government grant makes provision for a three-year monitoring period by ORT which will include regular visits to the project by an ORT expert. Various operational costs such as the payment of salaries for local staff and the purchase of materials will also be covered by the grant.

A new Health, Education and Nutrition project was implemented in Kinshasa at the beginning of January, 1988. This project (duration four years) will consist of a Central Unit in Matete

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and twenty satellite units distributed throughout the Kisenso district. The Kinshasa Health, Education and Nutrition project exceeds the Lumbashi project in scale: the project aims to extend its services to a larger and even poorer section of the population.

ORT Zaire has done some fundraising by promoting projects and has already achieved a measure of success. ORT Zaire continues to work in close cooperation with the Jewish Communities of Kinshasa and Lubumbashi and looks forward to expanding its activities in 1989.

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In Latin America we have three spheres of activity.

1. We have our own schools which are also bases for additional activity. Two secondary schools in Buenos Aires, 2 Junior colleges in Buenos Aires, 2 centres for vocational training in a northern province of Argentina, Chaco. In Uruguay we operate 2 institutions, 1 for technical training and the other for business administration.
2. We run ORT programs within Jewish day schools, primary as well as secondary, under the heading of Creative Education. At the moment there are 5 different programmes.
 - a) Science Teaching (laboratories)
 - b) Liberal Arts Resource Centres within the schools
 - c) Workshops for plastic arts and elementary technology
 - d) Microcomputer laboratories
 - e) Jewish education.

These programs are taking place in

- 31 primary schools and 15 secondary schools in Argentina
- 3 primary schools and 3 secondary schools in Uruguay
- 1 primary school and 1 secondary school in Chile
- 4 primary schools and 4 secondary schools in Brazil
- 1 primary school and 1 secondary school in Peru
- 7 primary schools and 5 secondary schools in Mexico

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as well as in the Jewish schools in Quito (Ecuador), San Jose (Costa Rica), Asuncion (Paraguay), and Caracas (Venezuela). In total, ORT programs are operated in varying scales in approximately 80 Jewish institutions in Latin America.

3. Programs within the framework of International Cooperation

In Argentina:

1. A program of Creative education in 9 state schools.
2. A centre for Vocational Training in Resistencia, Chaco
3. A centre for Vocational Training in Villa Angela, Chaco
4. Mother and Child Care Project in Villa 21, Buenos Aires

In Uruguay:

5. Distance Education Vocational Training
6. Mother and Child Care Project in Montevideo

In Brazil:

7. Distance Education Vocational Training
8. Training of port personnel

In Peru:

9. Mother and Child, Lima
10. Mother and Child, Follow-up, 2 projects
11. Distance Education Vocational Training

In Mexico:

12. Teacher training in computer studies

Significant results have been achieved in the following

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countries:

The ORT secondary technical education in Argentina expanded from one school (800 students) to two schools (2,600 students) and the expected number of students in 1992 as a result of natural growth is estimated at 3,500.

In Uruguay the Technical Centre offering short courses has become a state recognised technological Junior College, and a new school specialising in Business Administration has been opened. All these activities in Uruguay affect thousands of students annually.

In Mexico, ORT activity has expanded to almost all the Jewish Schools in Mexico City and the Jewish School in Monterrey.

We have returned to the Jewish schools in Caracas and Asuncion and have started activities in Costa Rica and Ecuador.

The number of institutions where ORT programs are operated has doubled in the last few years, and the type of program has increased from 3 to 5. A system of documentation and learning materials is being produced, distributed and used routinely.

In the field of Organisation, new Committees have been established in most of the countries where ORT works, and their

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members are people of status. The activity of these committees needs to be developed further and better results are expected in the future.

As for the future, it might be said that the ORT system in Latin America is ready to take off, and the sky is the limit.

In the near future, the construction of ORT School No.3 in Buenos Aires will be accomplished; centres for training in high technology are being established in Santiago and in Mexico City, and the activities in Uruguay are going to be further expanded.

As to the medium term future - the number of Jewish students in Jewish secondary schools in Buenos Aires is expected to double, and during the next five years it could reach the 10,000 mark, if the right efforts are made.

In Montevideo, only a small percentage of Jewish students attend Jewish secondary schools. It seems that there is place there to implement a secondary technological school of ORT.

Target countries for further activities are: Venezuela, Mexico, and Brazil. There is also room for widened activities in the field of International Cooperation on a large scale.

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In the Pedagogical field, a lot work still has to be done. Further modernisation of study programs in the Jewish schools is badly needed, as well as the importance of the learning materials. We should concentrate our efforts in the following areas: Jewish Education, Advanced Technology, Scientific Studies.

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PORT ARGENTINA

It is difficult to speak about the socio-economic and cultural situation of the Jewish community without making some remarks about the general situation in Argentina.

Politically, it should be emphasised that for the first time in fifty years a democratically elected President will hand over office to another democratically appointed President. This could well be termed an historic step in the consolidation of democracy, with all the positive connotations it entails.

A consequence of living with a democratic government is an important achievement for our community, thanks to the active participation of the D.A.I.A. (Delegation of Argentine Israelite Associations), was the 'Law against Discrimination and Racism', passed this year, which provides justice with a legal instrument to punish any anti-semitic activities.

Economically, the country is going through a severe crisis, basically due to three factors:

1. The enormous external debt - over 55 billion dollars - the interest on which cannot be paid without resorting to further loans.
2. The very low international prices for Argentine traditional exports.

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3. The enormous amount of poorly administered state owned enterprises of public services. As a consequence of the deficit, taxes have been increased and are a heavy burden upon the Argentine middle class, which is thus threatened.

The difficult economic situation affected the educational area in the first place, since it has no resources to develop its activities. With the deterioration that ensued, state schools could not keep abreast of the many changes requiring adaptation.

Within this general frame of reference, the Jewish community suffered greatly, since its socio-economic structure is mostly middle class. Young people start looking for new horizons, which in turn has led to greater aliyah to Israel, as well as emigration to other countries.

The serious problems of the state schools and the improving quality of the schools in the Vaad Hachinuch Hamerkazi, brought about greater enrolment in Jewish primary and secondary schools. In addition the difficult economic situation increased the number of students requiring grants, and consequently the difficulty in coping with school budgets.

In this context we would point out that ORT Argentina is the most important Jewish community educational institution in

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Argentina. Its achievements can be summed up as follows:

- Ratification of the technical high school as a centre that can provide integrated, scientific, humanistic and technical education.
- Creation of new courses at secondary and tertiary level in response to the needs of the country.
- Provision of technical and material assistance to improve the level of primary and secondary schools in the Vaad Hachinuch Hamerkazi network.
- Development of a joint program with the Vaad Hachinuch through the C.E.D.E.C. which develops a significant amount of teaching material according to the principles of creative and active education. This material is used in the Jewish network of schools.
- Construction of new buildings for its schools to meet the needs of current education and equipment with specialised professional and teaching instruments.

As a consequence of these achievements, the number of students in both technical schools of ORT Argentina rose to 2,114 in 1988, which accounts for over 50% of the total of students in the secondary schools of the Vaad Hachinuch network. It is relevant here to add that registration for the first year in 1989 is already complete for both schools, totalling 660 new students.

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ORT TECHNICAL SCHOOLS I AND II

Activity in these schools started on March 21st, 1988, when the school year began. ORT I has 1,614 students in 54 classes covering 6 levels - 31 classes for the Junior High and 23 for Electronics, Chemistry, Computation, Construction and Business Subjects with Computer Studies.

ORT II, in turn has 500 students in 16 Junior High classes.

The increased number of students involved the appointment of additional teaching staff, most of whom are college and university graduates. Teacher upgrading is fostered through courses, workshops and seminars on the following subjects:

- Methodology for the teaching of Mathematics in high schools
- Information Technology and Mathematics
- Integrated science - Scientific method, integral use of the lab.
- Computer aided design.
- Biotechnology.

In the Technical and Pedagogical area it should be stressed that the curricula for all the courses offered by our schools were developed by ORT Argentina and approved by the Federal Board of Education. A new curriculum has been developed this year for the

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Technical Junior High, and another for the Mass Media course. The curriculum for Chemistry has been modified to introduce a Biotechnology course.

A final thesis will be required prior to graduation in all the courses.

The curricula for the junior high workshops have been revised, improving the operation of the 3rd year workshop for final projects.

A Laboratory of Business practice has been opened in the Business course.

The Integrated Technology Workshop and the Electronics Department have been provided with new instruments.

The Open Museum of Science and Technology has been enlarged.

English is now taught for four hours per week in all 6 years. Each class is divided into 3 levels according to the student's knowledge.

In the subject 'Technical Design', Computer Aided Design has been added.

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JEWISH EDUCATION AT ORT ARGENTINA

There are now 8 class hours instead of 6, with the addition of another subject, Bible, to the existing Hebrew (language and literature) and Jewish history.

Once a week, the teaching staff attends courses at the Mijlala which cover such subjects as History and Hebrew grammar and idiomatic expressions (first semester) and contemporary Israeli prose and poetry (second semester).

The Technical and Pedagogical Department prepares materials to suit our programs. Thus, a book on Jewish History (Maayanot) for the first and second years has been printed in Hebrew and Spanish, and the textbooks for the third and fourth years are being prepared.

Other books for Hebrew teaching have also been published.

As a compliment to the school work, 3 extracurricular workshops are carried out: dancing, choral studies and drama. These workshops are most successful, collaborating in such celebrations as Pessach, Yom Haatzmout, Rosh Hashanah, Song Festival, Kabbalat Shabat.

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Both schools have specialists directing the Department of Jewish Education, composed of 33 teachers, all of them Mijlala graduates.

INSTITUTES OF TECHNOLOGY

The two post-secondary ORT Argentina Institutes started their activity this year with 771 students, divided as follows:

Nathan Gould Institute Of Technology, 666 students

ORT Institute of Technology, 105 students.

Both are open for morning and evening classes and offer three-year courses.

The Nathan Gould Institute of Technology runs 2 courses, Systems Analysis and Control of Industrial Processes.

New curricula have been developed for 1989 in the area of CAD/CAM for 'Computer Assisted Design and Manufacturing Elements' course, and a post graduate Systems course for Systems Analysts.

In the area of Biotechnology, the Institute will start a course for Biochemical Analysts.

The ORT Institute of Technology runs one course: Systems

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Analysis. Steps are being taken to obtain Ministry of Education approval of another course, Architectural, Advertising and Graphic design, which will use advanced computer techniques.

Also, there is good progress in conversations with representatives of software supply companies for the creation of a Training Centre for permanent education and updating of business personnel.

In the two Institutes, the Department of Jewish Culture is being consolidated in order to develop the study of Jewish education subjects in the 3 years, as well as to make the course available for the young people in the community.

CREATIVE EDUCATION AT ORT ARGENTINA

In 1988 this Department is offering technical and pedagogical assistance to 31 integral primary schools and 15 secondary schools in the Argentine Jewish educational network. It covers five areas:

1. Technical and expressive workshop.
2. Study centre for Social Sciences.
3. Laboratory for Natural Sciences.

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4. Computer Laboratory.

5. Jewish Education.

In each school the areas develop in special premises set aside for the programs. Our coordinators direct the activity, produce teaching materials, train the teachers and evaluate the task being carried out according to the patterns received and elaborated in ORT Argentina.

This year marks the 20th anniversary of the establishment of the Department of Creative Education. In order to celebrate it an exhibition of the teaching material produced by the Department will be held in November. The items to be exhibited are work units and travelling kits with the work of each area.

This Department assists the Vaad Hachinuch's school network in order to improve its educational quality and increase the appeal of the Jewish Day schools.

DEPARTMENT OF PERMANENT EDUCATION

During 1988, this Department of ORT Argentina offered 29 courses taught by 22 teachers with 1,041 hours of class for 332 participants.

These courses are:

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- Introduction to Information Technology
- Lotus 1 2 3
- Data Base
- Digital Techniques
- Microprocessors
- Industrial Electronics
- Robotics Workshop

DEPARTMENT OF TECHNICAL COOPERATION

For the 6th consecutive year, ORT Argentina is running the Meval Project in the city of Resistencia, Chaco, as well as the Pre-Vocational Training Centre and a program of Creative Education in 6 primary schools.

It should be noted that the education authorities in the province have decided to apply the methodology of the Meval Project in other schools, ensuring the continuity of the project.

The CORA Project - another pre-vocational training centre - is being run for the third year in the city of Villa Angela, also in Chaco. This project greatly increased the number of students after the installation and beginning of operations of the workshop for agricultural mechanics. The program is so

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successful that the Municipality of Villa Angela has requested ORT Argentina to extend it for another 2 years.

1. RIO DE JANEIRO

ORT has headquarters located here at the ORT Technical Institute of Rio de Janeiro. The ORT Technical High School is a three-year technical school with two specializations: Electronics and Computer Sciences, for youngsters (15-17 years). Two hundred students in Computer Science and 80 in Electronics were enrolled in 1988. They studied General subjects (Mathematics, History,

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ORT Argentina has an Executive Committee headed by Julio Werthein, and a Women's Committee, presided over by Mrs. Norma G. de Werthein. The members of both committees are prominent and well-known in the Jewish community as well as nationally. They are firm supporters of the work of ORT Argentina and collaborate with it in its constant expansion by publicising its activity as well as by fundraising.

The constant efforts made by the ORT Argentina staff are always accompanied by these volunteers. Special mention is due to Messrs. Julio Werthein and Jaime Taraciuk for their outstanding dedication.

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ORT BRAZIL

The economic and political situation in Brazil worsened during 1988, which affected all spheres of activity and caused a lack of confidence through the country.

The educational institutions were also affected by the situation. In spite of the adverse conditions, ORT Brazil continued to develop and increase its activities, particularly in the Ports Training Programs, in the Jewish schools of Sao Paulo and in starting operations in Porto Alegre.

ORT BRAZIL NETWORK

ORT Brazil is active mainly in Rio de Janeiro and Sao Paulo and runs distance education courses in several Brazilian states.

1. RIO DE JANEIRO

ORT has its headquarters located here as well as the ORT Technical Institute of Rio de Janeiro :

A. ORT Technical High School:

Three-year technical school with two specialisations :
Electronics and Computer Sciences, for youngsters (13/17 years).

Two hundred students (120 in Computer Science and 80 in Electronics) were enrolled in 1988.

They studied: General subjects (Mathematics, History,

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Portuguese, English etc.); Technical subjects (Electronics or Computer Science) and Jewish Education (Hebrew, Jewish History and Israel's Current Affairs) during the three years (40 hours/weekly).

On completion of the third year, students receive a high school leaving certificate, which enables them to continue studying at the University.

They also must have 600 hours of specialisation in industry, under ORT's supervision, for the Technical degree, to enable them to work in their profession.

In 1988, 21 students completed their studies in Computer Sciences and 12 students in Electronics.

B. Data Processing Courses

During the year the following courses were run:

- Programmers (9 months)
- Systems Analysis (13 months)
- Microcomputers (1 week to 1 month)
- Logo for teachers
- Data Processing for firms (in-house courses)

Three hundred students were enrolled in these courses in 1988, working in the ORT laboratories with Microcomputers (Apple and IBM PC lines), Mini computer (COBRA 520) and Mainframe (IBM 4381).

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C. Agreements with Schools

ORT continued the coordination of the activities to introduce computer studies in the Jewish schools of Rio de Janeiro, including in 1988: Talmud Torah, Barilan, and Liessin Schools. Four hundred students of those primary schools received classes of LOGO during the period.

D. Ports Training

In 1988 ORT continued the work started over the last few years, of producing a Permanent Training Program (PTPM) to help the Port Administration to solve the problem of retraining and upgrading their medium level staff in the operation and maintenance of port equipment.

Developed specifically for the conditions prevailing in each Port, this program consists of modules which allows each trainee to received the contents of the work required.

The PTPM was developed for the Brazilian Port Administration (PORTOBRAS) in the Soya Bean Terminal of the Rio Grande Port, for the Docas Company in the Coal Terminal of Sepetiba Port and also in the Container Terminal of Rio de Janeiro Port.

In 1988, this training program was developed in the Port of Rio: Planning, organisation and Training of the new container Terminal, and in the Port of Sepetiba: Systematic Organisation of the Coal Terminal.

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E. New Developments.

Two new laboratories were inaugurated in 1988: 1 Biotechnology Laboratory and 1 Robotics Laboratory. The dedication of these laboratories was held in May in the presence of the Director General of World ORT Union, Mr. Joseph Harmatz.

The Biotechnology Laboratory started its activities with the preparation of a Project of 'Biotechnology Booklets', designed for High School teachers, and the Robotics Laboratory prepared an Introduction to Robotics course.

2. SAO PAULO

ORT has been active in Sao Paulo since 1985, when the ORT Institute of Technology was created to become the nucleus of the Training Centre in High Technology of the Jewish Community.

1988 saw the development of courses in Robotics and Microcomputers and the start of a Training Program for Hotel Employees and several computer laboratories were installed in Jewish Schools.

A. Robotics

In collaboration with the Brazilian Automation Society in 1988, ORT organised two courses of Selection and Implantation of

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Industrial Robots with 30 students from large Sao Paulo firms.

B. Microcomputers

ORT Brazil started a microcomputer training program for Unibanco, which will provide training for their staff continuously during the year.

C. Hotel Training

A program for hotel staff in collaboration with the Hotels Association of Sao Paulo was started, the first program being for hotel receptionists.

D. Agreements with Jewish Schools.

Agreements were signed for the installation of Computer Laboratories in the Bialik, Peretz, Renascenca and Iavne schools. One thousand two hundred students at those Jewish schools received classes in Logo in the ORT laboratories during 1988. ORT Sao Paulo also collaborates on vocational courses with the Talmud Torah school and Children's Home.

3. PORTO ALEGRE

1,500 Km from Rio de Janeiro is Porto Alegre, which is the capital of Rio Grande do Sul State. There is an active Jewish community of 8,000 and just one Jewish school; the 'Colegio Israelita de Porto Alegre', with 1,500 students.

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ORT Brazil was asked to assist in developing the school's science-based teaching. In May 1988, after several contacts, an agreement was signed between ORT and the Colegio Israelita, for the introduction of High Technology courses in the Porto Alegre School.

On October 24th, the ORT Computer Laboratory was dedicated, and teacher training courses began with 30 participants.

In this way, ORT Brazil is widening its presence in the Jewish communities of the country.

4. DISTANCE EDUCATION

In 1981 ORT created the 'Sistema Aberto de Educacao a Distancia', (SAED: Open system of Distance Education) to reach deprived people in remote localities of Brazil, without the opportunities for education, through courses of vocational training designed to qualify them for the labour market, taking into consideration their background, their environment, their individual pace of learning and their free time available for study.

Through agreements with Secretaries of Education in different states and in collaboration with the Federal Ministries of Education and Labour, SAED courses have been established in 12 states for more than 30,000 students since its inception.

During 1988 the Secretaries of Education and Labour had serious economic and structural problems, which also affected the

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development of SAED courses. In spite of this, SAED continued to run their courses and also implemented a program of transference of methodology of production of distance education courses for 3 Secretaries of Education - Technicians of the Secretaries of Education of Pernambuco, Minas Gerais and Brasilia were trained through this program and 3 new courses were prepared: Plumbing Rural Installers; Medium Voltage Electrical Installers and Literacy Instructor.

Publications :

Fortnightly newspaper 'El Vocero'

Various technical publications

Booklets and catalogues.

ADDITIONAL INFORMATION FOR THE ORT BRAZIL ANNUAL REPORT 1988

Programs in Chile

Organisational

1. Agreement with the Vaad Hachinuch for the development of
1. Total membership : 1,140, including men and women.
2. Recent campaign : A scholarship campaign among Rio de Janeiro firms to offer one Scholarship for the ORT High School of Rio de Janeiro. 30 Scholarships were collected.
3. Public Relations : ORT Brazil publishes a monthly column in a Jewish newspaper in Rio de Janeiro and two 'Information Bulletin' yearly in Rio de Janeiro and Sao Paulo.

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Fundraising

Donations	US\$	2,220
Public Events	US\$	2,000
Scholarships	US\$	10,000
N.G.O.S. (SAED)	US\$	120,000

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ORT CHILE

ORGANISATION

ORT Chile has a total of 50 members (38 men and 12 women)

No legal changes have been made re. the 1987 status.

Publications :

Fortnightly newspaper ' El Vocero '

Various technical publications

Booklets and catalogues.

Programs in Chile

1. Agreement with the Vaad Hachinuch for the development of programs in the Instituto Hebreo of Santiago, primary and secondary education.
2. Agreement with the Vaad Hachinuch for the development of programs in the ORT Chile Centre for Technical Training, Higher education.
3. Agreement with the Jewish Community of Valparaiso to prepare programs for the Vina del Mar Hebrew school. Primary and secondary education.
4. High Tech resource centre. Training

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5. Miscellaneous programs and activities.

Principal Events (past)

January 1988 'Educational Seminar' Computers in the Classroom

Co-organisers : British Council

University of La Serena

Professor : Malcolm Lewis, Bristol University, UK.

Participants : 30 teachers

March 1988 Seminar 'Computation in the last 30 years'.

Participants : ORT Chile teachers and students.

May 1988 Visit of the Director General of World ORT Union, Mr. Joseph Harmatz, and of the Director of World ORT Union for Latin America, Mr. Yehoshua Flidel.

Dinner at the home of the President of ORT Chile; technical activities and visits to local educational centres with which ORT has cooperation agreements.

October 1988 Graduation of ORT Chile 1987 students.

December 1988 Inauguration of ORT Chile headquarters

December 1988 End of year dinner

January 1989 Inauguration of the project 'Educational Computation' with the attendance of authorities of ORT, Andes Foundation, and Ministry of Education.

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Community Relations.

ORT Chile is one of the 41 Jewish community organisations in the country and takes part in all the official events organised by the community. It cooperates closely with the Vaad Hachinuch and with the Jewish community of Valparaiso by means of specific educational agreements.

ACTIVITIES WITHIN THE FRAMEWORK OF EACH PROGRAM

Instituto Hebreo Comprensivo

Teaching.

General : Student body

Pre-basic education (ganim) 283 students

Basic Education (1st - 6th) 587 students

High Schools (7th BE - 4th ME) 529 students

TOTAL 1,399 students

New Courses and Departments

In 1987, upon ORT's request, eight academies were opened and set up at high school level: Astronomy, Painting, Music,

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Automechanics, Photography, Computation, Israel Folklore and Organic Chemistry.

New Teachers Hired

Ganim 7

Basic Education 2

High school 10

Jewish Education.

1987/88

Principal Achievements:

The principal achievements of ORT Chile in the area of Jewish Education during this period were:

- Introduction of Contemporary Judaism into the high school curriculum, including the problems confronting Israeli society, particularly the Arab-Israeli conflict.
- Organisation of workshops and seminars to analyse such subjects as Jewish identity, anti-Semitism, the Holocaust, neo-nazi movements, Chilean Jewish community etc.

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- Creation of a Jewish Teacher Training College, 15 students have already enrolled.
- Participation of one of our students, Daniel Silberman, in the Bible Competition for young people organised in Israel in April 1988.
- Participation of students Alejandro Ohlbaum and Katty Vainroj in the World Competition on Jewish Heroism in World War II. Katty Vainroj won second prize.
- The students in the third year high school travelled to Israel. During 1987/88, 84 students from the Instituto Hebreo plus 20 Jewish youngsters from other schools made this study trip.
- Tzerei Ami Youth Movement : Has activities once a week. At present, over 300 children and youngsters in the school take part.
- Teaching of Hebrew for primary school : the 'Madregot Program' of Israel, will be put into practice in the next school year.

Main Difficulties

- Different conceptions in the teachers' approach to such subjects as religion, the Arab-Israeli conflict etc.
- Weak identity factors within the families.
- Need for permanent development of textbooks, as the Israeli ones are not really suitable.

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- Teacher training, particularly as regards mastery of the Hebrew language and the sources of Judaism.

Strengthening the Students' Identity and their Commitment with Judaism.

We believe in the fundamental importance of the introduction to Contemporary Judaism, as well as in the consideration of problems affecting the students' Jewish identity (Jewish History, State of Israel).

Teacher Training College for Jewish Subjects.

Number of Teachers:

Gananot	25
Primary school	17
High school	10

Qualifications

In the Ganim, all of the Gananot are Jewish; however, their training is very poor.

At primary level the teachers are graduates from local seminaries or from Israel's Machon Grinberg.

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At high school level there are Israeli teachers, university graduates, sent by the Sochnut. The local teachers were trained in Israel.

Upgrading

During this period, 2 primary school teachers travelled to Buenos Aires to attend courses on the teaching of oral Hebrew. In addition, the following workshops were developed:

- Implementation of a reading program for primary schools. Mrs. Bruria Shiloni, Vaad Hachinuch, Argentina.
- Methodology of tanach teaching. Ms. J. Schujman.
- Jewish values in the educational process; objectives of Jewish education. Mr. J. Barylko, Vaad Hachinuch, Buenos Aires.
- Jewish identity, Mr. Baruj Zaidenknop, Director of ORT technical School Buenos Aires.

Book Production

Text books are prepared for the students, They are generally compilations of newspaper items and other materials used by the teachers. At present a book is being prepared on the subject of Sefar Yona.

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Technological Activities

1. Academies

Technological Academies were created at High School Level: Astronomy, Organic Chemistry, Automechanics and Photography.

2. Newly Purchased equipment.

Pneumatic bed; a machine for acrylic engraving; three analogue multitesters; a lathe for woodwork (including parts); 2 slide projectors; a colour TV set, 20"; a video recorder; a minicomponent set; a theodolite (including parts); a maquette of Chile; a maquette aquarium; 2 kits of molecule models of acids and bases; 2 display kits of molecular size; 1 kit of molecular orbital models; 1 kit of diffusion and osmosis; an osmosis machine; a pyrex bell; a complete set of spanners for mechanics; a professional amplification set composed of: an amplifier, a mixing switchboard, 2 speakers, 6 microphones; 6 pedestals, a set of books on automechanics.

3. Woodwork

Introduction of woodwork in the technological area (7th and 8th

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4. Computation

- Pilot plan in LOGO for the Ganim. This program will be introduced in the Barrate Lorton methodology in 1989.
- Computation and musical education. Experiments are being undertaken in the teaching of music through the computer.

5. Living Exhibition

In December 1987 a living exhibition was organised, displaying experiments carried out by ORT in the scientific and technological areas in the Institute.

6. Creative Education

- Preparation of a booklet on Methods of Research for children.
- Unit on Construction of the New school. (In preparation)
- Sonia Barraza (coordinator) and Adriana Cordero (coordinator creative workshop) travelled to Buenos Aires to participate in a course on Creative Education.

7. General Upgrading

- Workshop on Interpersonal Communication and Human Relations. Mr. Eugenio Guzman, Mrs. Ines Salas.
- Workshop on Evaluation of Learning and Elaboration of

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Instruments. Ms.Cristina Rodriguez

- Various workshops on Computation. Computation Department.

8. Plans for the Future.

During this period, the Vaad Hachinuch purchased a plot of land (Las Condes 135000) in order to build a new school. We expect that this institute will be fully operational by 1990.

Undoubtedly, moving the Institute entails a substantial change that requires the reorganisation of the curriculum. Among other ideas, we would like to create a Technological Channel. The participation of ORT in this plan, as much as in others, is fundamental.

9. Future Activities.

- We expect to involve ORT in a project related to the Holocaust. The idea is to prepare testimonials from Jewish survivors of the Holocaust living in Chile, so that future generations can have the genuine words of their forefathers about this great tragedy of the Jewish people.

- Publicising the Karmiel project will be intensified among parents and students.

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ORT CHILE'S CENTRE OF TECHNICAL TRAINING

History of Student Registration

	1986	1987	1988
Autumn Semester	46	46	57
Summer Semester	42	43	53

Changes in numbers of Teaching Staff

General Training	3	4	5
Technical Training	12	10	9

Equipment.

So far this Centre has shared equipment, as well as premise, with the Hebrew Institute.

Academic Results

ORT-Chile's Centre of Technical Training was graded 'A Level' (high academic grade) by the Ministry of Education. This grade has been maintained since its creation.

HEBREW SCHOOL IN VINA DEL MAR

Student Registration

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The student body by October 25th 1988 is as follows:

Pre-basic (Ganim)	28 students
Basic (1st through 8th)	99 students
High school (1st through 4th)	66 students

Educational Programs in which ORT participates.

- Annual course for 1st and 2nd year primary school (one hour per week: mathematical games, English instructional software).
- Annual course for 3rd, 4th and 5th year primary school (one hour per week: Geometry in Logo).
- Annual course for 7th year primary school (one hour per week: Applications of Logo to Geometry).
- Annual course for 8th year primary school (one hour per week: Logo, recursive processes, procedure processing, flow charts, pseudo code, macroprocesses).
- Annual course for 2nd year high school. Two hours per week.

The students form two groups assisted by 2 teachers (structural Logo language and typewriting).

Compulsory workshop, 6th year primary school. (The students are divided into groups, each of which has 7 sessions per year; Logo language and typewriting).

Optional workshops, 3rd and 4th year high school (Use of utility programs, music and graphing).

Optional workshops, 8th primary and 1st high school (2 hours per week, creation of programs using Basic and Microtext).

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Teacher Upgrading.

- Course on Computers in the Classroom. University of La Serena - Corporacion Educacional ORT. Santiago, January 1988.
- Lecture on Epson-Chile QX-11 by Mr. Oscar de la Fuente. Santiago, April 1988.
- Upgrading course on dBase 111, Corporacion Educacional ORT. Santiago June-July 1988.
- Lecture on the Matrix resolution of Equation Systems, Colegio Hebreo, Vina del Mar. June 1988.
- Course on Lotus 1.2.3. Corporacion Educacional ORT. Santiago, August- October 1988.
- Course on dBase 111, Chaim Weitzman school, Vina de Mar, August - September 1988.

New Equipment.

To the equipment we already had - 2 BBC Epson QX-11 and 2 printers, another Epson QX-11 equipments was added without a graphic card and without memory expansion.

Plans for the Future.

We are considering the possibility of interconnection of equipment BBC and Texas without using modem. Also, data acquisition through RS -232 gates.

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HIGH TECHNOLOGY RESOURCE CENTRE.

In 1987, the World ORT Union decided to create a High Technology Resource Centre in Santiago. During this year the following progress has been made:

1. Purchase of Property.

The purchase of the Vaad Hachinuch building has been approved. It used to be the head office of the Max Nordau Cultural Centre, at 824 Eliodoro Yanez Street, in Santiago. The area is residential, and close to the main centres of educational, labour and commercial activity of the city. The building is 4 floors high and covers 750 square metres and it meets the needs of the project.

2. Teacher Training.

The Andes Foundation has approved the financing of US\$ 121,500. for grants so that teachers can be trained in educational Computation in ORT-Chile. The duration of the project is 3 years, and its objective is to train 5,000 teachers all over the country. This is considered to be the most important activity to be carried out within the next 3 years.

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MEXICO

1. Organisation

During this year an Executive Committee was established which started working during the last quarter of the year. The basic committee consists of 6 members, presided over by Mr. Mauricio Merikanskas. Its main objectives are the promotion of ORT activities in Mexico and fundraising.

The plans contemplate the establishment of an ORT Technical Centre in Mexico City. Its activities will include: Technical Training for workers, and courses to be used in Jewish and general schools, open technical courses for adults (CAD, Robotics, etc.), liaison with the Mexican Academic and Research Institutes, and coordination to help National Technical Schools in the development of educational programs.

A great effort will be made in the Jewish community - where ORT has been working in 7 primary and 5 secondary schools - to promote what ORT is doing worldwide, and show it, with special emphasis on the Karmiel Project. This publicity should help in the fundraising efforts to establish scholarships for Karmiel.

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An Honorary Board, formed by very important personalities of the community, was also established. This Board will meet twice a year and its function will be to support the Executive Committee in its activities.

Mr. Y. Flidel visited Mexico several times, and we also received the welcome visit of Mrs. Jacky Simon, from the London ORT Headquarters. They were very helpful in starting some of the activities mentioned above and contacted some key figures in the community to start promoting the ORT idea.

This year 1988 seems to be a starting point for what we are sure will be the successful and important ORT presence in Mexico in the near future.

2. Operation

Throughout the school year 1988-89, ORT Mexico will continue its activities in the schools in Monterrey. Assistance will be given to the Weizman School in San Jose, Costa Rica, in the equipping of their Science Laboratory, in teacher training and in supplying teaching materials.

Three new projects are being run in Mexico City: Computer-Aided

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Design (Junior High), Problem Solving Software (primary school) and Workshop in Electronics (Junior High). Teaching guides were prepared for all three.

ORT Mexico continues to develop its micro-computer based laboratory project, preparing software for the IBM-PC which includes experiments at high school level as well as guides in Spanish and in English for teachers and students. This project is being implemented in 2 schools in Mexico City, where teachers receive in-service training. As from next year, the project will be extended to senior high.

At the beginning of the year ORT Mexico organised seminars in computation, design and electronics for three groups of teachers who meet once a week for training and upgrading.

This year, with a new workshop coordinator, new curricula are being used in electronics and metal work.

ORT Mexico was invited to present its new CAD program at a National Symposium on Computers in Education (Mexico City, October 22 - 30 1988).

This year another IBM-PC laboratory was opened and courses in CAD for adults have started. Another course will be opened soon:

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Desktop publishing.

In the area of Creative Education, a comprehensive program for 1st through 6th grade primary schools has been prepared in order to stop improvisation, although retaining the amount of flexibility required for teaching.

ORT Mexico was invited by I.L.C.E. to take part in developing simulations for science teaching. A government project called 'Micro - S.E.P.' is due to be implemented nationwide.

ORT Mexico organised a course in computer teaching for S.E.P. teachers, and its recommendations are:

- a. At school: to run an upgrading program for teachers in mathematics and physics.
- b. At the ORT centre: to develop a Robotics Laboratory.
- c. In computation ; to purchase, evaluate and adapt software to support the teaching of mathematics in junior and senior high schools.

ORT FEMENINA was unable until now either to modernise its activity or to introduce younger elements to its leadership, although it managed to maintain an important Public Relations activity by editing and selling a cookery book with the results being donated for a Perpetual Scholarship at the Karmiel

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Institute bearing the name of ORT-Femenina.

Mrs. Jacky Simon's visit to Mexico at the beginning of last October was a most important factor for the strengthening of ORT-Mexico commitments towards World ORT Union goals, for their fundraising approach and for the Executive Committee integration.

Fundraising

In Mexico, three perpetual Scholarship Funds are in different stages of implementation, the ORT-Femenina, Prof. Retchkiman's and ORT-Mexico.

Also in Mexico, the World ORT Union was added to Mr. A. Saltiel's will, established as a Foundation.

Years	80	81	82	83	84	85	86	87	88
Kindergarten	152	149	142	117	108	122	98	104	114
Junior High School	434	381	374	381	381	384	384	384	384
High School	334	342	339	348	340	322	302	302	302
TOTAL	880	872	865	828	828	828	784	790	790

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PERU

Almost all the Jewish community in Peru, approximately 3,500 people, most with a high standard of living, is concentrated in Lima, its capital city. This small community is divided into three groups: Sefardim, Ashkenazim, and '1870' (German Jews). Some 95% of the Jewish children, plus the children of mixed couples attend the Leon Pinelo school.

The educational level of the Leon Pinelo school is one of the highest in Peru, and in 1988 the school was attended by children aged from 18 months to 17 years (pre-kindergarten to high school). Primary education covers 4 years, junior education 6 and high school education covers 5.

Student population : a comparative table

Years	80	81	82	83	84	85	86	87	88
Grades									
Kindergarten	122	149	142	117	106	122	98	104	114
Junior	434	381	381	374	387	284	260	266	251
High School	334	342	339	345	340	322	302	303	247
TOTAL	890	872	862	836	773	728	660	673	612

At present, the Leon Pinelo school has 97 teachers, including 4 shlichim from the Sochnut, and 4 Rabbis; 4 computation teachers

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for high school, including one coordinator. The Computer Centre has 2 programmers (one works part-time) who were hired by the school.

The Parents' Association offers grants for Jewish children who cannot afford the monthly fee, and 49 children benefit.

About 85% of the Leon Pinelo high school graduates continue their studies either in Peruvian universities or abroad (45% emigrate). In the last 15 years, the Jewish population in Peru has decreased by 30%. Until 1984, the main reason was the economic situation, but from 1984, the insecurity brought about by the addition of terrorism and kidnapping has started a veritable wave of emigration. In 1972 there were 1050 students in the Leon Pinelo school, in 1988, only 612. This represents a 40% decrease in the student population in a single generation.

ORT in the Leon Pinelo High School

Our project plays an important part. In the first place, it prepares the youngsters with modern science teaching methodologies. In the second place, it keeps them within a Jewish cultural and social environment to counter assimilation.

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ORT is working in two areas.

1. Science and Computation.

We are improving science teaching by working in close contact with the science teachers (mathematics, physics and biology) and the curricula undergo constant revision and updating. A maths laboratory has started operating and resources are being created for this area, according to the school necessities. Our program COMPULAB, re the use of computers in laboratories, is being implemented with great success.

Also, the physics and biology labs are being used far more frequently (60% more hours per week), since science teachers have realised the importance of experimental work in high school. The junior lab was fully equipped by ORT, whereas the biology, chemistry and physics labs were partially equipped by us.

In computation, this school is the best of all the private schools in Lima. A new computation room with 7 Tandy microcomputers was inaugurated at the beginning of the year, and we are planning to enlarge it for the next school year. Most of the software has been made by our Computer Centre, including software to assist in the teaching of Maths and languages (English and Hebrew). Our 3 computation labs are at present being used 5 days a week (40 hours).

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Kindergarten children are working within a special levelling program in computers. All the students from the 2nd junior year to 1st high school year are studying Logo 2 hours per week. As from the 2nd year high school, students learn Basic, including Numerical Analysis in the 5th year.

Publications in the Science Area.

- a) We published our LOGO book on its application in Geometry (Rotation and Symmetry) and the insertion of LOGO in the curricula. This textbook is used in our school and it has attracted considerable attention.
- b. A booklet on 'Computation in Education' specially prepared for the seminar which was organised in June of this year.
- c. Various papers to encourage the teaching-learning process.
- d. A paper on Micromath (to be published). A journal of the Association of Maths teachers about the standardisation of science studies in high schools.

Courses and Seminars.

1. A course on computation was offered to new teachers this year.
2. The Computer Centre was the location for the first private

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Seminar on Computers in High School Education in Lima.

3. We are offering a computation course for parents. It takes place twice a week, with the participation of 20 parents.

II. Jewish Education.

Formally, some 8 hours a week are devoted to Jewish Education (Hebrew language, Contemporary Judaism, Jewish History and Religion). Also, there are such extracurricular activities as : daily morning prayers, celebration of all the religious festivals, organisation of shows with reference to Jewish life, Jewish History and the State of Israel.

Our project was also instrumental in the recent publication of a book on the Jewish Community of Peru, written by Leon Trahtemberg, the director of the Leon Pinelo High School.

Another group of 4th year high school students (45) will travel to Israel, and one student, Alonei Itzjak, will be sent for a 6 month period: January to June.

Areas equipped by ORT

1. Junior Science laboratory (fully)
2. Junior Study Centre (fully)

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3. Creative expression (fully)
4. Computer lab (fully)
5. Biology, Chemistry and Physics labs (in part)
6. Audiovisual Centre (in part)
7. Ceramics (in part)
8. Printing (in part)
9. Junior library (fully)

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INTERNATIONAL COOPERATION PROJECT - PERU

Five projects were operated during 1988. These were

1. Expansion of Peru II (Comas - Independencia)
2. Peru III (Chilca - Canete)
3. Follow - up of Peru I (San Juan de Lurigancho)
4. Distance Education
5. Follow-up of Peru II (Comas - Independencia)

1. Expansion of Peru II Project.

The Mother and Child Care project in Comas and Independencia, northern suburbs of Lima. The main objective was to build additional satellite units and to ensure that the project was transferred to local management in an orderly manner.

A meeting was held with the community to discuss and assess community interest. Community leaders were asked to assist with the collection and analysis of demographic and other relevant community information. Once community interest, participation and information studies indicated that a community project was warranted, a general meeting of the total population was called; the information given concerned the project, the role of the community and of the World ORT Union.

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An agreement, supported unanimously, was signed at the General meeting. It was made abundantly clear that signing the agreement did not make the leaders uniquely responsible for its implementation. The agreement created a partnership or joint venture between ORT and the community, under the terms of which the community undertook to provide the land for the school, building at no cost, the necessary volunteer labour and organisation for the school and, with guidance from community organisations, to assist with and eventually assume responsibility for operating the satellite unit as part of the whole project.

Seven new satellite units have been built, each to accommodate up to 72 children at a time. Since the program is designed on a half-day module, it is possible to accommodate up to 144 children per day in six of these units and 288 in the seventh. The total daily capacity is 1,152 children. In addition the 17 satellite units of the first phase of the Peru II project have been run by us. A coordinator for educational activities and a team of seven full-time teachers were responsible for technical and pedagogical support for the programs.

2. Peru III Project - Chilca - Canete

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The agreement for the cooperative project between the World ORT Union and the Ministry of Education was signed by Mr. Joseph Harmatz and the Peruvian Deputy Minister of Education in Lima on 3rd June 1988. The project will be run basically for two groups of communities, 17 in all. In October 1988 three satellite units were started, with five more to follow in November.

3. Follow up of Peru I Project.

The agreement was signed by Mr. Joseph Harmatz and the Peruvian Deputy Minister of Education in Lima on 3rd June 1988. This project is intended to reconstitute the community organisational model left by ORT when the project was transferred to local management, to ensure a smooth and efficient takeover. It is also intended, with cooperation from the Educational Supervisory Bureau (U.S.E. 03) responsible for education services for the district of San Juan de Lurigancho, to establish and specify the role of the World ORT Union and Ministry of Education in implementing this follow-up project, to appoint the additional five teachers required to reach a total of 11, and to agree on administration and a program of activities with the participation of people from the Ministry of Education.

4. Distance Education Project

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The agreement for this project was signed by Mr. Joseph Harmatz and the Peruvian Deputy Minister of Education in Lima on 3rd June 1988. The aim of this three-year project is to provide technical training for deprived populations in poor areas, to create opportunities for self-employment and to encourage business initiative. Work is in progress on two courses, electrical appliance repair and plumbing, and the courses are planned to start in March 1989.

5. Follow-up of Peru II Project.

The aim of this follow-up project, which began in November 1988, is to ensure the smooth running of the entire Peru II Project handed over to the 24 benefiting communities in October 1988. Its duration will be three years.

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URUGUAY

Organisation

The total number of members is 83. This represents a slight decrease compared to last year.

As regards the activities of the subcommissions, work in support of the Karmiel Project is at present being carried out. Both the Karmiel Committee and the Central Board of ORT Uruguay Association are working to that effect. We have obtained some quite significant donations.

We are taking the necessary steps with the Ministry of Education and Culture to change current by-laws (in force since 1945) to meet the needs of the organisation today.

Among the events organised by the Central Board have been the Concert of Baroque Music played by the 'Artemus Group' in May of this year, to commemorate the 40th Anniversary of the Independence of the State of Israel.

With respect to relations with the Jewish Community, concerning the Jewish educational network, ORT is in charge of technical

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assistance, transfer of 'know-how' and the supply of equipment to the community schools. This enables them to compete with the network of private schools, which are very powerful and highly regarded here, mainly due to their High School system and to their very good second language (English & French) teaching.

Pedagogical Topics

Structure and number of students within the Organisation.

School of Electronics and Telecommunications

- Career of Advanced Electronics Technician 298
- Course of Radio-TV Service Technician 93
- Technical High School (Specialisation in Electronics) 54
- Several courses on Electronics (Microprocessors, Communications etc.) 18

School of Computing Systems

- Career of Analyst in Computing Systems 823
- Career of Programmer 253
- Several Courses on Informatics (Basic, Logo, Lotus etc) 648

School of Management and Administration

- Licentiate in Management and Administration 86
- Courses of Secretariat and Accounting Assistant 114
- Several short course (typing, Business English etc.) 110

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Training and Upgrading for Teachers	24
TOTAL WITHIN THE ORGANISATION	2,521
Outside the Organisation	
Creative Education	1,145
Computers in Education	950
TOTAL OUTSIDE THE ORGANISATION	2,095

Recruitment of Teaching Staff

The recruitment of teaching staff for the different subjects that constitute the curriculum of the technical careers that ORT Uruguay is offering is still subject to constraints mentioned in previous reports, viz. teachers without professional training, an industrial and commercial market with which it is hard to compete, limited availability of teachers for highly specialised subjects etc.

These limitations became particularly obvious as regards engagement of teaching staff for the Licentiate in Management and Administration recently created (beginning of the courses, March 1988). For example, this situation made it impossible to offer courses in two sessions (morning or evening) and the continuing need to give seminars, courses and lectures. as

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support to curricular courses.

Technical Topics.

New departments and courses.

School of management and Administration : In March 1988 a new course : Licentiate in Management and Administration started. This is a tertiary level course (complete High School is required for admission), which lasts three years (plus workshops, projects, monograph and assistantship) is intended for the training of managers who will be able to carry out modern and professional management of public and private organisations. The syllabus emphasizes the development of entrepreneurship, the taking of decisions under risky and uncertain conditions, innovation, team work and the exercise of leadership. The students receive training in information technology which enables them to interact with experts, use information as a competitive resource and take strategic decisions on data processing.

A wide variety of subjects and the flexibility in definition of projects and monographs will enable students to select areas of

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greatest interest (for example, International Business, Finance, High Technology Management, Personal Management etc.) when considering their future profession or further studies relevant to their career.

Outside the Organisation

The working methodology involves an active learning approach of management concepts and techniques, by studying cases as a didactic tool, multi-disciplinary practical projects and compulsory apprenticeship in local or international firms.

course : Licence in Management and Administration started.

New courses in the Career of Computer Systems Analyst.

- Local data networks

- Prolog language

The training of managers who will be able to carry out modern and

New courses in the Career of High Electronics Technician

During this year, for the first time the VI Semester of 1986 Plan of the career is given. The training is completed with the use

of Microprocessors, Communications (digital communication, optical fibres, microwaves and satellite communications) and

Control Systems (Automation and Robotics). This VI Semester includes an Introduction to Computing. This subject gives a

complete view of the possibilities of support to the Electronics Technician by means of computers and Information Technology.

the wide variety of subjects and the flexibility in the definition of

as projects and monographs will enable

New courses in Computing

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Course of 3 to 6 months on: Lotus and dBase.

New laboratories and equipment.

- Two DEC VAX to replace the IBM s/34 equipment.
 - Information technology laboratory in the School of Management, equipped with 10 - PC for the teaching of tools for management use in Computing, for example Finance Planning.
 - Educational information technology laboratory for experimental groups of children and for the training of groups of teachers.
 - Improvement of the existing laboratory of Advanced Electronics through the acquisition of instruments (Tektronix Oscilloscopes of 50 MHz, double trace, double time base) and through the development of material such as the construction of a simulator for microprocessors, with the possibility of communication via interface of communications series RS232 with an EPSON QX-10 computer. This simulator is based upon a Interl SDK85 kit.
 - The laboratories of the first levels have been improved specially by the renewal of material plan which took effect this year. We are considering the construction of instruments in our own Institute. We have already constructed five (5) DC stabilised supplies, adjustable up to 20V, 1A maximum. These supplies are double and may be used in experiments with devices such as OPAMPS.
- We are in the process of building signal generators and equipment for general laboratory use.

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- We have acquired technical information, specifically from original sources (Intel, Motorola, National, Zilog) and we have an acceptable base. We understand that this is a critical area because it is the origin of all development.
- We have acquired software such as CAD packages (OrCAD, Artwork, Autocad) and assemblers and filters for 8080/85, 8748, 8086/88, Z-80 for Epson QX -10 and PC. These are being studied and applied.
- Macintosh equipment with high resolution printer to be used in work such as Desktop publishing.

Activities in Creative Education.

The three community schools of the capital, Integral School, Ariel Institute and Yavne School, participate in the Creative Education program.

Levels of the Program and work environments.

Ariel Institute: 1st to 6th year of primary: Workshop of Manual Work, Science Laboratory and Study Centre, 1st year of secondary: science laboratory.

Integral School : 1st to 6th year of primary: workshop of manual work, science laboratory and study centre.

1st to 4th of secondary: Physics and biology laboratory. 3rd and

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4th Secondary : Chemistry laboratory.

Yavne Institute: 1st to 6th year of primary: workshop of manual work and science laboratory. Study centre was removed due to renting problems.

Each environment has a coordinator whose main tasks are the preparation of support materials for the classes, coordination of the activities to carry out with the teachers, attend meetings with coordinators of other schools to interchange experiences and prepare material etc.

Jewish studies.

We intend to distribute in the schools all the material prepared by the Department of Creative Education of ORT Argentina related to Jewish subjects, as well as other materials (for example, Inheritance Program). Also we are preparing a unit about 'Jewish symbols' to be applied in secondary schools.

Refresher courses for coordinators.

Every year a refresher course for coordinators of the Department of Creative Education is carried out.

This year, the coordinators have attended the following courses: 'The use of the newspaper in the classroom', for coordinators of Study centres.

'Group dynamics in the science classes' for the coordinators of

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the Science laboratories.

'Use of wood and electricity in the workshop of manual work' for workshop coordinators.

The Department of Creative Education in Secondary Teaching

This year we began the Creative Education Program in the Secondary of the Uruguay Integral Hebrew school, with the opening of the Biology and Physics laboratories, where we use active methodologies, according to our objectives.

During this year, the second Scientific Olympics has taken place, with the participation of projects prepared by the students of different branches of scientific knowledge. For the end of the year, we are organising an exhibition of projects on electricity (in the Physics Laboratory) of Power boards (in the Chemistry Laboratory) and of Ecology (in the Biology laboratory).

Conclusions and suggestions.

The Creative Education Program is achieving the objectives of its creation at Primary level; it would be convenient to reinstate the Study centre in the Yavne Institute, to develop the syllabuses related to humanistic studies.

We are interested in strengthening the application of the Program

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at Secondary level in the schools where it operates, since it is a completely new experience as far as we know.

We intend to organise meetings for the coordinators of secondary level in order to interchange experiences and prepare work materials.

We hope to continue preparing units on Jewish education using educational resources to make them more attractive for the students.

Outstanding activities in the technical field.

- Official acknowledgment of the tertiary level for the Career of Analyst in Computing Systems given by ORT Uruguay, granted by the Ministry of Education and Culture.
- Opening of the ORT school of Management and Administration.
- Development of the 'VII Open Congress of Technology' with the participation of well known local and international experts on Artificial Intelligence. The Congress has the sponsorship of UNESCO and the Association of engineers of Uruguay.
- Seminar on 'Planning in Agricultural Sciences' developed by three Israeli professors for teachers of the University of the Republic (School of Veterinary Studies, School of Agronomy and Surveying), within the cultural interchange between Uruguay and Israel.

Teacher Training programs

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- School of Electronics and Telecommunications.

Course on 'General architecture of the 8086/88 microprocessors and Programming and use of assemblers and filters for them.

Cooperation with other educational organisations and official authorities for the achievement of new operations.

- Technical Cooperation Project, Social Action (Childhood and Productive Associations) with the Municipality of Montevideo: it intends to create a network for mother and child care and productive training workshops for marginal districts of the city of Montevideo and its environs.

- Distance Education Project, together with COCAP (Training Council). It intends to give training in the repair of domestic electrical appliances in two towns in the Department of Canelones near the city of Montevideo.

Plans for future activities.

- Degree in Management and Administration.

Intensive training plan (duration 8 months) for working managers with good opportunities of development and persons who wish to

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promote to management positions in the short and medium term. We aim to develop the ability of the participants to carry out management tasks more efficiently, intensify their knowledge about the more up-to-date management techniques, introduce a total and integrating view of the management function and prepare them for the constant adaptation to change necessary in their work.

- Licentiate in Electronics.

Career of tertiary level for working in hardware and software. We are studying the syllabus.

- Plan 1990 for the Career of Analyst in Computing Systems.

- Application in our two libraries of the 'Microisis' system for data storage and retrieval.

- Give more flexibility to the system of selection of subjects in the more advanced semesters of the careers of Electronics, Information Technology and Management.

- High level projects in Electronics for students of VI Semester of the Career of Technician in Electronics.

Programs and suggestions for future development in World ORT Union

- In depth analysis of the impact of Biotechnology in the present industry, especially in the primary sector and particularly a study of the professions that will be created in the next decade and the changes that this discipline may

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introduce in the existing professions.

- The achievement of a higher level of excellence in the networks of telecommunications, considering two factors, the market of the telecommunications firms and the unification of Europe. This event will generate needs that must be duly satisfied.

- An in-depth study together with industry and laboratories to ascertain market trends.

Development of educational technologies and teaching material, for the use of the students of the different careers of ORT:

- Recursion (Information technology)
- Programming Practices (IT)
- Minicomputer operation (IT)
- Technical Drawing and Workshop (Electronics)
- Technical English (Specialisation in Management and Administration)

Educational software; scripts for microcomputer:

- For primary students on the following subjects : Angles, triangles, quadrilaterals, perimeters, numbering and gravity.
- For secondary students on the following disciplines: Biology, digestive system, physics, mechanics and magnetic field, mathematics, Ruffini's diagram, integral numbers and polynomial functions.

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introduce in the existing professions.

- The achievement of a higher level of excellence in the networks of telecommunications, considering two factors, the market of the telecommunications firms and the unification of Europe. This event will generate needs that must be duly satisfied.

- An in-depth study together with industry and laboratories to ascertain market trends.

Development of educational technologies and teaching material, for the use of the students of the different careers of ORT:

- Recursion (Information technology)
- Programming Practices (IT)
- Minicomputer operation (IT)
- Technical Drawing and Workshop (Electronics)
- Technical English (Specialisation in Management and Administration)

Educational software; scripts for microcomputer:

- For primary students on the following subjects : Angles, triangles, quadrilaterals, perimeters, numbering and gravity.
- For secondary students on the following disciplines: Biology, digestive system, physics, mechanics and magnetic field, mathematics, Ruffini's diagram, integral numbers and polynomial functions.

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Didactic units prepared within the Creative Education Program

- Ecology, food, light, communications, mathematics, portrait, oil, stories, the child and the newspaper, water pollution, reproduction, organisation of a school vegetable garden, the sea bed and trees.

Work projects developed by graduates and advanced students.

- Study of the impact of information technology on the Uruguay banking staff during the last decade.

- Hardware projects, by advanced students of the Electronics

Career:

- function generator (sinusoidal, square and sawtooth wave)
- programmable timer for general industrial use.

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Additional Information

THE KARMIEL COMMITTEE

Integrated by Mr. Manual Berger, President, Mr. Herbert Donner, Vice President, and Mr. Ernesto Bejar, Secretary General is developing a large and efficient activity with the objective of reaching an Uruguayan Perpetual Scholarship for the Karmiel Institute, the beginning of which was already achieved.

ASUNCION (PARAGUAY)

After establishing an ORT Paraguay Committee in Asuncion, the President, Mr. Ricardo Abraham (who donated a photographic laboratory to ORT Paraguay) developed an extensive activity by computer courses for parents whose children are at the local Jewish school and vocational advice sessions for prematriculation students.

CARACAS (VENEZUELA)

First steps towards a Karmiel Campaign have already been undertaken, although for the time being, we are at a very early stage.

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It seems that the prospects in Caracas are as good as those in Mexico, this being based on the profound Zionist approach of the Jewish community and its very high standard of living.

Unfortunately, the local ORT Committee is in a totally lethargic condition which means that, as in Mexico, a new structure must be built.

ORT TRUST

This year the ORT Trust has made highly significant progress in furthering the technological awareness of teachers in the United Kingdom and improving their understanding and capabilities. As a result of the Trust's programmes, those newly-won skills have increasingly enabled teachers to equip their pupils and students to meet the challenges of a modern, technologically based world.

The Trust works in close collaboration with the Technical Department of the World ORT Union, whose base in London has been an invaluable source of advanced educational technology, expertise and personnel, and with British ORT. It was British ORT which initiated the foundation of the Trust in 1980 seeing the potential value to the British educational system of an operational arm using ORT's special approach to training.

Over the past year 5,240 people received some form of training provided by the Trust. This may have been on mobile laboratories or demonstration buses, in colleges of further education, in school and community centres, at one of the centres of the Robotics and Automation network spread throughout the UK, or at the Trust's own Resource Centre in London.

ORT TRUST

The ORT Resource Centre has offered a regular programme of courses covering a wide range of subjects. In addition, special courses have been arranged for local education authorities, businessmen and women, schools, universities and for community groups. In fact ORT's unique brand of training has reached across the whole of the British educational system.

During the year the rising demand for courses at the ORT Resource Centre, combined with restrictions imposed by space on its use, led to the Centre's transfer onto the main campus of Westfield College of London University. The new premises were rapidly converted into classrooms, laboratories and administrative offices at minimal cost and inconvenience and have been adjudged by students and teachers alike as providing an ideal environment in which to attain new skills.

COURSES IN THE JEWISH COMMUNITY

The resource Centre has taken the lead in providing resources and courses aimed at stimulating the interest of children in Jewish day and Sunday schools in the uses of computer-based learning both in Jewish subjects and in the wider curriculum.

Recent courses held at the Centre include two JFS Comprehensive School groups per week, part of the innovative introduction in

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schools of ORT's Robotics and Automation course which leads to City and Guilds qualifications. Courses have been held on behalf of the Association of Jewish Youth and the United Synagogue for children during vacation times, both at the Resource Centre and at community centres using the mobile laboratories. Similarly, in cooperation with the Jewish Youth Fund, ORT trailers have brought portable computer workstations to schools and youth clubs for one or two-day courses under proper supervision.

The Resource Centre has increasingly undertaken the training of teachers from nursery, primary and secondary school and youth training schemes including a scheme for handicapped children. Secondary school teachers come from a variety of disciplines and seek out the potential for subjects as diverse as design and technology, English and special needs (for the slower learners). Tailor-made courses are provided for school departments as and when required.

A course for sixth formers at both the Hasmonian Boys' and Girls' Schools dealt with the uses of computers for business studies. After students attend courses at the Centre ORT continues to offer support in the schools with ORT staff supplementing the school's teaching establishment.

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Courses have also been held for members of British ORT, Emunah and other women's groups, businessmen and retired people.

TRAINING PROJECTS UNDERTAKEN IN 1988

It is the hallmark of all of the Trust's work that every opportunity is taken to innovate and to try out new approaches.

Technology for Teachers:

As the consequence of a government initiative, technology becomes a compulsory subject in the curriculum of all schools in the United Kingdom in September 1989. ORT has responded with the development of curricular material and in-service training for teachers and teacher trainers in order to promote the teaching of technology across the curriculum. This initiative has received the support of the Department of Trade and Industry and Shell UK. Training also continues for teachers participating in the established Technical and Vocational Education Initiative (TVEI)

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Advanced Level Curriculum Development:

With support from the Training Agency (formerly the Manpower Services Commission) and from industry, the ORT Trust has been developing training material and teacher training courses for the introduction of technology as a recognised subject at the Advanced Level of the General Certificate of Education. Also cooperating with ORT on this project are Barnet Local Education Authority and the British Science and Technology in Education organisation.

The scheme is already having considerable influence, and the Training Agency has specially requested that knowledge of it is disseminated throughout the country written up as a guide for national application.

CAD for Further Education Colleges:

The ORT Resource Centre has carried out a scheme to introduce Computer Aided Design into colleges of further education on behalf of the Department of Trade and Industry. ORT helped to design a package of low-cost, industry standard Computer Aided Design packages for colleges of further education and proceeded to install them in 226 colleges all over the UK in record time.

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As college staff required training, ORT was called by the DTI to set up six regional training centres whose objective was to reach a standard which would allow trainees to train people in local industry served by their respective colleges. The project's success has led to an extension for a further year.

Robotics and Automation:

Ongoing support for the Robotics and Automation Phase I system, developed by the World ORT Union and installed in 30 centres throughout the UK, is provided by the Resource Centre. One of the latest centres is a prison in North East England and the Home Office is taking a close interest in the project as a means to rehabilitate offenders.

The Advanced Manufacturing Workcell, the second phase of the Robotics and Automation programme, also developed by the World ORT Union, has been installed in ten centres in the UK. Training of personnel is being carried out at the Resource Centre.

Miscellaneous Courses:

Three courses of one day's duration on the use of computers in science education have been sponsored by Shell UK who are pleased to use the ORT Resource Centre as an additional company

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training facility. The courses are run in cooperation with Kings College London and the University of London Institute of Education. Postgraduate students of Kings College also study at the Centre.

Courses have been organised for the staff of Paddington Churches Housing Association, and for project directors at the Royal Society of Arts. Children having taken courses at the Centre often encourage their parents to follow their example and very little publicity has been required as the Trust's activities have received considerable word-of-mouth recommendation.

The development of hardware, software and courseware for children with special needs (handicapped children) has been a project carried out in partnership with Brunel University, Barnet LEA, the University of London and Edge Hill College of Higher Education. This project has also received the generous support of Miriam and Norman Hyams.

A group of primary school teachers and advisers from a large number of education authorities in and around London were given tasks which called for the use of computers with software for graphic design, wordprocessing, financial spreadsheets and even a music program. The participants returned to train colleagues who will be able to introduce these activities into the classroom

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almost immediately.

Two groups of 30 teachers of English from French technical institutes attended three-week courses at the Resource Centre, in cooperation with the DeHavilland College, to become more familiar with technological terminology.

ORT also cooperates with Exeter University's Centre for Innovation in Mathematics on the use of computers to access electronic data bases.

MOBILE UNITS

The fleet of mobile education units increased to three :-

1. The first Mobile Unit which continues to offer a range of courses to both children and adults in education and industry.
2. The Mechatronics Awareness Bus, supported by the Department of Trade and Industry, is raising the awareness of training methods for modern technology and manufacturing industry and bringing together education and industry. An average of over three colleges per week received a fully organised visit in all parts of the UK as well as continental Europe.
3. The Industrial Simulation and Modelling Bus, the latest addition to the fleet, is used for teaching technology in schools

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and for electro-pneumatics and hydraulics in industry. The unit is operated in cooperation with Economatics, and although funded by the DTI, is a self-supporting project.

In addition to the bus-based units, two trailers were added to ORT's fleet:

1. A small trailer, which was funded by the Jewish Youth Fund and Lloyds Bank, supports ORT's Computers in Schools project and Computers for Jewish Youth project.
2. A large training unit, used for training teachers in information technology, operates in all parts of the UK. The unit can be installed with equipment relevant to the current course. It is supported by Esso UK with the additional support of General Motors UK and with a towing vehicle provided by Renault Trucks.

INFORMATION TECHNOLOGY CENTRE, MANCHESTER

The ORT Information Technology Centre in Manchester, one of the Trust's earliest projects, continues to be successfully run in cooperation with GEC. There are currently 70 students enrolled with a waiting list of applicants.

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Students on work placement and graduates seeking permanent employment are well received by local industry in an area of high unemployment. ICL and ICI are among those taking on ORT ITeC students after completion of the two-year course, and others have been helped to establish their own businesses.

Recent studies of demographic trends in the United Kingdom indicate a serious shortage of skilled labour in British industry in the immediate decades ahead, and this at a time when the country is preparing to meet the challenges posed by the abolition of trade barriers between all members of the European Economic Community in 1992. With these changes in mind, it is imperative that the workforce, at all levels, has the necessary technological background to use and incorporate high technology processes, and that the teachers who are now training this generation are well-equipped to introduce and stimulate interest in technology among the young.

The ORT Trust sets a priority on helping teachers at all levels to be able to meet the challenges of the new government initiatives in the national curriculum and general management of schools. These are areas in which ORT has a great deal of experience and expertise which, over the past year, has been

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widely appreciated and fully used.

STOP PRESS:

The National Westminster bank, Britain's largest, has agreed to support an ORT Trust project to promote the use of industrial simulation and modelling as a means of delivering 'industry related' technological education in schools.

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The past year was marked by a number of highlights, mainly the following : Studies began at the ORT Braude Institute at Karmiel. We opened the school year with 130 students and now look forward to welcoming those students from abroad.

While the building and equipping of the Institute is proceeding, the college functions smoothly under the guidance of a first class teaching staff from the surrounding areas as well as qualified academics, all highly motivated and devoted to their task.

The second event of importance was the inauguration of the Henry Ronson comprehensive school in Ashkelon, with 1,000 students. With two junior high and two high schools, the new and the existing one, ORT well covers the educational system in that town. What is more, together with the development of the apprenticeship centre and the intensification of proficiency courses for adults, ORT gives a promising answer to the social development of this community.

In Jerusalem, at the ORT Kennedy Apprenticeship Centre, we inaugurated a special department for tool and die making at a most up-to-date level, with an investment of \$800,000.00, through

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the good offices of the Jewish Agency.

Following four years of intensive work, we have now received formal government recognition for ORT to open an institute of higher education:

"Government decision No.1486, from the meeting of Sunday 6.11.1988. Permission granted to ORT Israel to open an institution for higher education; according to Para 21(A) of the Law for Higher Education, 1958. A course for teacher training in technology at the ORT Institute in Jerusalem. This is restricted to the field of electronics. (B. Tech.Ed).

Through the academic technical teacher training course, the network will develop in the direction we aspire in our over 100 schools.

At the request of the Ministry of Education, we developed at the Pedagogical Centre, study programmes for the educational reform system, which encompasses comprehensive and technological schools in Israel. The said reform emphasises the importance of technological and scientific education and in order to implement it, in line with the latest development, we should prepare appropriate study programmes teaching aids and textbooks.

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The "Moshinsky Seminar" conducted at the Pedagogical Centre, made possible thanks to the generous support of Prof. Moshinsky and with his participation, together with that of Prof. Katzir and Prof. Uri Ganiel of the Weizmann Institute, shows that the ORT Pedagogical Centre has become a scientific centre to respond to the needs of the ORT Israel network, in addition to offering its services to others seeking to update their know-how.

The School for Export Management and International Trade is making a name for itself. We started off with 19 students in 1986 and this year there are 30 students. As for 1989, over 173 have applied and we will have to select the most suitable for the number of places available in the course.

Understandably, the present difficult financial situation in Israel affects the network and forces us to make cuts in vital budgets. At the same time we are making every effort to maintain standards, with the support of government offices, the Jewish Agency and of course the ORT Israel Executive Committee and World ORT Union which are the pillars and backbone of the network as a whole.

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PEDAGOGICAL DEPARTMENT

A. Specification of activities in Academic Subjects.

Mathematics.

Efforts were made to train teachers in collaboration with coordinators of mathematics study in schools. We have located schools with problems in the manpower and study fields in an attempt to cope with these issues. We were in touch with the Weizmann Institute's Department of Science Training for training mathematics teachers and holding proficiency courses for them, and with the Technical Department in respect of technicians and practical engineers and advice was given to the adult framework of ORT. A textbook was issued for pupils at regular and practical levels and a training manual on linear planning for teachers.

Physics

More pupils are sitting for matriculation examinations at higher levels and efforts are made to increase the number of pupils preparing for a four credit level. The situation in laboratories has been improved and new laboratories have been set up in Netanya Habonim and Bet-Shean and a considerable amount of equipment has been acquired. Teachers who prepare pupils for the 5 credit level receive advice and guidance. Preparations were

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made to cope with the reform, as it seems doubtful whether professional electronics and electricity teachers could handle teaching of chapters in physics relevant for matriculation at a 4 or 5 credit level. In addition, there are no suitable syllabuses and textbooks for the ninth grade. We are considering the possibility of issuing a new textbook. With the help of the Pedagogical Centre, learning material, including software for mechanics study and slides for electronics and magnetic fields, was issued.

Chemistry/ Biology

This subject is taught in 23 schools where guidance is given to teachers and laboratory equipment is examined. In 6 schools, chemistry and / or biology are taught without a laboratory. Experiments are carried out within the framework of science teaching, but there is not sufficient awareness of their importance. Proficiency courses were held for chemistry teachers in collaboration with the Weitzmann Institute.

English

Intensive guidance was given to English teachers and attempts were made to promote cooperation within the teaching staff. The Nina Katzir prize was awarded to outstanding English teachers.

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The project of technical English was introduced in Tel Noff, Zrifin Technical Administration, Yad Shapira and Peugeot, Bnei Brak. The second book of technical English was issued and in collaboration with the Ministry of Labour courseware for IBM computers was developed. Efforts were invested in the development of the English library at the Pedagogical Centre, mainly through the acquisition of video cassettes.

Bible

Activities in this field included three district proficiency courses for Bible teachers on the subject of "Biblical Accents as Punctuation Marks" as a means of interpretation; a study day and a guided tour in the House of the Bible in Tel Aviv; study days on Biblical language; historiography in the Books of Kings and the development of prophecy in the Book of Jeremiah. A selected bibliography was recommended for use in school libraries and by teachers. Outstanding works by teachers were disseminated in a number of schools as part of activities to promote mutual fruition and a booklet was prepared on "Ways of the Biblical Stories" as part of the functions of the Professional Bible Committee.

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History

A meeting was held with coordinators of history study to discuss syllabuses for the ninth and tenth grades and preparations began for the compilation of history textbook material for the ninth grades at a non-matriculation level.

Geography

Schools in the network where geography is not taught in the ninth grade were urged to follow the syllabus. Preparations were under way for the application of geography syllabuses at a 3 credit level in the Tourism course at the following schools : Technical-Ashkelon, Haneviim-Jerusalem, Leibobitz-Netanya, and Habonim-Bat Yam.

Literature and Language

Study days were held to get acquainted with computer courseware for language and understanding of the written word, and a study day for language teachers. A workshop on understanding written texts was held for teachers from the northern district. In an effort to develop learning material, sets of slides for language teaching and courseware for teaching the elements of

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understanding and expression were developed. In accordance with the directives of language teachers, we located schools facing manpower problems in teaching these subjects or in other professional and organisational problems adversely affecting the teaching of Hebrew. Sheets for language corrections and the booklet "Amudim" were prepared and disseminated.

Arabic

A survey of Arabic teaching was held in the ORT schools.

Social Education

Accent in social education was placed on the following subjects: communication between schools and parents; inter-school councils of students; national Students' Council; students' newspapers; ORT activities for the community; coexistence in a variegated society; road safety and promotion of social education in industrial schools and apprenticeship centres.

Activities included : a meeting of the twelfth grade pupils in Latrun - in the footsteps of the 1948 fighters; ORT quiz; the 'Tidy Workshop' contest and urging schools to participate in such subjects as 'Second Opportunity' and 'Play and Talk'.

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Educational Counselling

The requirements of ORT pupils were mapped for handling with emphasis on the targeted population. Efforts were made to encourage local psychological stations to provide services to ORT pupils. Current activities centred on preventive care and coping with situations of stress. A total of 127 counsellors operated in the network in 1987/88.

Physical education

In addition to current activities designed to promote physical education in ORT schools, a delegation was sent to Sweden on an orienteering contest. Other events included an ORT ballgame contest and a National Sports Day in Karmiel.

Special Activities

A thorough examination of libraries - equipment and operation - was held in ORT schools. Directives were issued to librarians on work methods, handling collections, registration of inventory and control, methods to follow up the movement of readers in library and encouragement of reading. The importance of libraries (the library as a centre of school resources) was brought home to headmasters through the following steps: the mobilisation of

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Women's ORT and the organisation of ORT graduates for the development of libraries; the holding of a study day for librarians (on the subject of the library as a motivating and educational factor to foster reading) and promoting an exchange of information and collaboration among the various libraries.

Preparing girls for military service

The scheme was operated - mainly at a low level - at the ORT Ramat Gan Campus and at the Hana Senesh School in Haifa, with the participation of 38 girl soldiers.

Scheme for Practical Engineer Degree for Foreign Students.

The preparatory class for students was sparsely attended and efforts were therefore made to mobilise additional students from France for the scheme.

Scheme for Pre-Military Electronics Technicians Degree

The scheme was operated in Syngalowski, Kiriat Bialik, Givat Ram College, with only 62 participants a fact which calls for additional publicity for this subject.

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Pre-Military Scheme for girls in distress

This scheme was operated in Adzivi, Ashkelon and Yad Kennedy with the participation of 37 pupils. Most pupils join the Army after acquiring basic learning habits and a profession - general secretary.

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TECHNICAL DEPARTMENT

Specification of activities in Technical/Vocational Courses.

Electronics

At a meeting of coordinators, in electrical engineering courses, several new study kits - developed or in the last stages of development in the electronics unit of the Pedagogical Centre - were introduced, as follows :

1. A kit for computerised tests in analog electronics.
2. Interface for IBM-PC integrated with a computer (model 1, with 64 I.C. lines and Model 2 with 48 I.C. lines).
3. An improved kit for digital electronics and micro computer hardware which can be connected to IBM-PC through the above interface.
4. A test kit for electro-optics
5. A test kit for industrial electronics.

The attempt to absorb computerised measurement technologies (GPIB) proved successful and, on the acquisition of suitable equipment, proficiency courses will be held for teachers.

The position of electronics teachers in the network is improving following the absorption of graduates of a class of practical

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engineer-teachers from Kiriath Bialik (in the northern district) and in the light of the general situation in industry. A number of personal computers were acquired as study and development kits for microprocessors for the ORT college in Yad Leibovitz.

Administrative Studies.

During 1987-88, administrative courses were operated in 34 schools in the network. Existing courses are : accountancy, secretarial/clerical workers, technical administration and sales marketing and promotion. Steps were taken to introduce study kits for administrative courses in other schools and proficiency courses for teachers were held accordingly.

Fashion

The following subjects were developed and promoted in 1987/88, through proficiency courses, periodic meetings, work sheets etc.: model making, industrial grading, fashion design, industrial cutting in the Miller method. It was also decided to opt for the promotion of computerisation in the fashion courses. A Committee was set up to design a school uniform for ORT pupils. The Committee consolidated guidelines and directives which will be referred to the various schools.

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Mechanics.

The mechanics departments are currently undergoing automation. Equipment and kits have been introduced for computerised drawing, design, robotics and control.

Architecture.

Software was selected for computerised architectural drawing and design; teachers had proficiency courses on the subject and workstations have been established in several schools as a result of the experience gained.

Colleges

A. Youngsters with postponement from Military service

During the 1987-88 school year, a total of 19 colleges operated in the network, with 57 classes and 1,409 students (an average of 24.7 students per class). Two new schools, in Eilat and Acre, had small undersized classes (from 5 to 19 students) in the electronics courses.

An infrastructure was prepared for the opening of new courses in 1988/89: electronics and machinery in Karmiel, agricultural mechanisation (practical engineering degree) in Emek Harod,

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practical construction engineers in Kiriat Bialik, computer-automatic data processing technicians and clothing technicians.

B. Adult Colleges

In 1987/88, the network had a total of 9 adult colleges with 2,543 students in 105 classes (an average of 24 students per class). Action began this year for a better organisation of students in the various colleges and the creation of a uniform framework of activity.

During the 1987/88 school year, efforts were for the completion of projects by college students. A total of 561 students submitted projects in the various courses - an increase of 14% as compared to 1986/87.

An infrastructure was prepared for the development of new courses in the adult colleges. The following courses were prepared in respect of 1988/89: Industry and management in Karmiel; instrumentation and control in Givat Ram; electricity in Kfar Saba; practical engineer-teachers in automation and control; automation and robotics in the Karmiel college.

C. Academic reorientation teaching courses.

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In collaboration with Government Ministries, action began for the preparation and training of immigrant teachers with an academic degree. Preparatory courses in Hebrew were held in Ramat Gan and Jerusalem and the students will begin to be trained for teaching in 1988/89.

D. Academic Course for Teacher Training in Electronics (B. Tech. Ed)

The scheme for training teachers in the fields of electronics was operated in 1987/88 for the second consecutive year. A total of 65 students participated in 1987/88. The Knesset has recognised this scheme as an academic course.

The Hilah Scheme

The Hilah scheme was operated in 1987/88 in 54 local authorities, in 7 districts of the Youth Department of the Ministry of Education. The scheme encompassed about 2,200 youngsters in the 15-18 age bracket who do not study in a formal educational framework.

A total of 190 youngsters passed the diploma examinations (of ORT and the Ministry of Education) according to the following breakdown :

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69 pupils obtained diplomas confirming 8 years of studies
59 pupils obtained diplomas confirming 9 years of studies
62 pupils obtained diplomas confirming 10 years of studies.

One of the main objectives of the scheme is to act towards reintegration of the pupils in a formal educational framework. In 1987/88, about 250 youngsters were helped in preparation for reintegration in such a framework.

Research Unit.

The following projects were carried out in 1987/88 by the Research Unit.

- A. Data analysis and conclusions of the survey for satisfaction among the principals in ORT schools.
- B. Analysis and conclusions of results of matriculation examinations in ORT schools in 1986/87.
- C. Follow up and evaluation of proficiency courses held in the Pedagogical Centre and the drawing up of a standard evaluation questionnaire to be submitted after every proficiency course.
- D. Current follow-up of surveys of pupils in the Hilah scheme and compilation of data for evaluation of the scheme.
- E. Process data of a census of schools in the network.

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- F. Draw up a questionnaire for teachers regarding their expectations from the work of inspectors and their evaluation of professional inspectors. Preliminary research to examine the questionnaire and analyse first data.
- G. Sum up the document on ORT objectives prepared by the Education Committee and disseminate it in ORT schools. Centralise reactions to this document and develop a programme for an analytical survey of objective attainment.
- H. Follow-up and preparation of research questionnaire to evaluate syllabuses developed within the framework of projects designed to impart moral values so as to strengthen affinity with Eretz Israel and the Jewish people (see below).

Special Projects.

- A. Development of syllabuses for education of Values
- At the initiative of the Education Committee of ORT Israel, a special team has been set up on behalf of the Technical Pedagogical Department to develop modular syllabuses on various subjects designed to:
1. Intensify the pupils' affinity with Eretz Israel
 2. Intensify the pupils' identification with the Jewish people.
- The first compilation of programmes deals with the subject of

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"Wine cultivation and wine production in Eretz Israel. It includes syllabuses of 1 to 2 lessons in respect of each of the following subjects: Bible, geography, language, chemistry, technology, history, English, pre-military training and educational/counselling lessons. This compilation will serve as a prototype for additional syllabuses which will be developed on such subjects as water, quarries or agriculture in Eretz Israel. To cope with the second objective - identification with the Jewish people - steps have been taken to develop a syllabus on Albert Einstein, to be followed by similar syllabuses on Aharon Katzir, Chaim Weitzmann, Teller, Seibin and others. The syllabuses will be submitted experimentally to several sample schools and there will be a follow-up. They are directed at pupils in the ninth/tenth grades in all disciplines and courses.

B. Computerised Group Study Scheme

This project was operated in several schools in conjunction with the Bar Ilan University. Its purpose is to foster, through the use of a computer, social relations in the classroom and improve high cognitive skills, such as solutions of problems and creativity.

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C. Activities to promote weak 'disadvantaged' populations

To promote these populations, emphasis was placed on scholastic achievements as a vital and integral part of the process of rehabilitation, in addition to special care elements and vocational training.

Pupils with a potential were given supplementary lessons to help them catch up with the level of external examinations which is higher than the normal class examinations. Simultaneously, lower level pupils were given supplementary lessons to reach the basic level as part of the 'First Opportunity' project. Intensive courses were held for pupils who failed to pass part of the matriculation examinations four months before their military service as part of the 'Second Opportunity' project.

Syllabuses and learning materials were produced exclusively for special care pupils. Social activity in schools for special care pupils was given a central place in the direct responsibility of school managements. Pupils' admittance to work was postponed to the eleventh (and even twelfth) grade, after they gained experience in a systematic 'preparation for a life of work' programme.

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Pedagogical Centre

The scope of activities of the Pedagogical Centre continued the process of expansion during recent years, at the rate of about 20%.

The main fields of activity in 1987/88 included the following:

- A. Proficiency courses and study days: About 60 proficiency courses held were attended by about 1,500 teachers and officials, mostly from the ORT network. About 30 conventions and study days were held with the participation of about 1,500 persons.
- B. Graphics and publications: About 30 new books and booklets as well as various brochures, prospectuses and documents etc.
- C. Learning courseware development and production.
- D. Photography and filming.
- E. Development of computer software and courseware: about 5 software packages were developed together with exercise kits and courseware parts. A workshop was held to consolidate a staff of courseware developers in several fields. The main subjects were: control and robotics, electronics, electricity, command and control, machinery, CAD and CAM, construction, architecture, fashion design, science, humanities, administration, society and education, information and public relations.

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Adult Education

The adult education network included 9,067 students who participated in 514 courses.

New subjects and courses were developed in 1987/88 as follows

- A. Planning, design and fashion drawing
- B. Within the framework of the Administration desk, courses were developed for managers and secretaries at different levels.
- C. Computerised drawing was integrated in the design and graphics course.
- D. Impetus was given in the electricity and electronics course to the subject of refrigeration and air conditioning for cars.
- E. A total of 47 courses and proficiency courses were held in collaboration with the industry and in the industry itself - in 30 institutions and enterprises for 4,276 hours. The main subjects for proficiency courses in industry were: electricity for engineers (high voltage), microwave techniques (for technicians and engineers at the Ministry of Defence), courses for stock management and maintenance in plants (such as Hadera Paper Mills, the Ministry of Defence) and proficiency course on Lotus, Autocad, microprocessors and CNC.

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SUMMARY OF DEVELOPMENTS IN WOMEN'S ORT ISRAEL OVER THE PAST FIVE YEARS AND PROJECTIONS FOR THE PERIOD 1988/89

Five years ago, in 1982/83, there were 4,000 members of Women's ORT Israel, of whom not all were paid-up members. Our income was NIS 20,000 in that year, which did not include what would have been a considerable sum for salaries of the volunteers of Women's ORT in ORT schools. It should not be forgotten that inflation caused a reduction in the value of this income. There were 7 branches in the organisation, i.e. in Jerusalem, Tel Aviv, Haifa, Kfar Saba, Holon, Bat Yam and Ramat Gan. The President was, and still is, Mrs. Dvorah Tomer, and the Director was Ms. Nitza Duek. In Jerusalem the Chairman was the late Magda Grossman; in Tel Aviv Mary Greenberg; in Haifa Sonia Perlman; in Bat Yam Shulamit Hadi; in Ramat Gan Zipporah Fried; in Holon Ora Feinstein; in Kfar Saba Chana Zechoval.

In 1983/84 the number of members registered and paying subscriptions was 25,000. Income that year was NIS 62,500.

In 1984/85 the number of paid-up members grew to 35,000 and income received was NIS 160,000. The number of branches was increased to 14 during this period, i.e. in Rehovot, Givatayim, Beit Shaan, Katzerin in the North and Netanya. The number of employees grew as did the number of volunteers in ORT schools.

ISRAEL

Projects completed during this period were 10 new libraries; 3 youth clubs; a dental clinic with a volunteer dentist in attendance; renovating the premises and providing new equipment for the fashion school in Ramat Gan; the provision of new copy and stencil equipments; the purchase of iced water dispensers; initiating a new book-binding workshop in Jerusalem which services all ORT schools; renovating classrooms and providing curtains for them.

In 1985/86 the number of paying members rose to 40,000 and income to NIS 225,000. We formed two new branches, in Chatzor Halilit and Kiryat Gat, bringing the total to 16.

In 1986/87, paid-up membership remained at 40,000 but income increased to NIS 250,000. No new branches were formed during this year. Special projects included the building of a new library at Kfar Saba; the formation of an orchestra at ORT Kennedy in Jerusalem; opening a new library at the Hana Senesh School in Haifa; a new cafeteria at ORT Gutman in Netanya; building a new youth club with a memorial wall for the fallen at Beit Shaan; individual tuition for needy children; placing needy students with families for extra meals and support; financial assistance to those pupils in need on the recommendation of their Headmaster and ORT management.

ISRAEL

In 1987/88 we had 40,000 members and income rose to NIS 382,000. The number of branches increased to 54 with 73 ORT schools receiving assistance from Women's ORT. During this year major reorganisation was undertaken. A group of volunteers was formed at each school to assist the pupils, to work in the cafeterias and in dental health, to organise special family care. Programmes were undertaken to improve the appearance of the schools and their grounds, to open new libraries and audio-visual centres, youth clubs and to encourage better communication between parents and school staff. Special efforts were also directed at soliciting donations.

In 1988/89 we have 50,000 paid-up members and the anticipated income will be NIS 350,000, not including donations. The number of branches planned will be 53, with Women's ORT participating in 80 ORT schools. It is planned to further revitalise the activities of our organisation and to participate in all ORT schools in Israel. We plan to provide our services to the new ORT schools as a matter of urgency, for example at the Braude International Institute of Technology at Karmiel, in Acre, Migdal Haemek, Arad, Ramot and Eilat.

With the help of our President, Mrs. Dvorah Tomer, decisions will be made on the most productive method of undertaking the following projects:

ISRAEL

- To expand the volunteer groups in each school
- To work with the ORT Alumni Association in soliciting donations
- To invite mothers of all graduate students Of ORT schools to remain paying members of Women's ORT
- To participate fully in all ORT festivities, and in the opening of the ORT Braude International Institute of Technology at Karmiel
- To prepare programmes for the various special annual events of Women's ORT
- To encourage larger donations.

This year we will open several youth clubs, 3 cafeterias staffed by volunteers, which will contribute to our income; increase the care and assistance given to individual needy children; expand project 'Perach' whereby technicians tutor individual students and receive scholarships in return; increase the number of families giving support to needy students; give financial assistance to needy students; make available dental care to those students who could otherwise not afford it; build more libraries and add more books to existing libraries; renovate more classrooms and grounds; provide air conditioning as necessary.

The changes planned this year and during the next one or two years will change the whole organisation. From the 4,000 members in 1982 we now have 50,000. From an income of NIS 20,000 in 1982 we now have NIS 350,000 without donations. The number of

ISRAEL

AMERICAN ORT FEDERATION

branches has increased from 7 to 53 with participation in 80 ORT schools. Our income does not include donations in kind, which are considerable, or the hours of work donated by our volunteers in the schools.

Funding the Program

Details on American ORT Financing and its overseas contributions are contained in a separate report. Figures presented below are estimates based on data available at the time this report was in preparation.

American ORT Federation income from all sources in 1968 is estimated at \$11,852,000.

Membership-generated income, not including legacies and endowments, contributed approximately \$2,925,000 toward this total.

Included in this figure are scholarship contributions, grants for program operation needs, and contributions not earmarked for other purposes.

In 1968, income legacies and endowments contributed about \$515,000.

Other sources contributed \$1,250,000.

To these should be added \$4,700,000 allocated by the JDC.

These are the separate elements comprising the net contributions to the American ORT Federation during 1968.

An additional \$4,000,000 has been pledged toward the ORT Braude International Institute of Technology project in Karmiel, Israel.

Funding provided by Women's American ORT is detailed in other documents.

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schools. Our income does not include donations in kind, which
is a considerable part of the hours of work donated by our volunteers
in the schools.

Our income is derived from the sale of books, and from the
subscriptions to our journal, "The Jewish People", which is sent to
all our members.

Our journal is published quarterly and contains a variety of
articles on Jewish history and culture.

The journal is published in Hebrew and English, and is available
to all our members.

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AMERICAN ORT FEDERATION

1988 Activities and Organization Report

The following report outlines the scope of American ORT Federation operations in 1988. Only brief highlights are sketched herein. Further information about any of the activities mentioned is available upon request from the AOF national office, 817 Broadway, New York, NY 10003, (212) 677-4400.

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ORT Braude International Institute of Technology Capital Campaign

The American ORT Federation capital funds campaign on behalf of the ORT Braude International Institute of Technology in Karmiel, Israel, produced over \$4,000,000 in pledges through 1988. The campaign is co-chaired by David B. Hermelin, AOF President, and Alvin L. Gray, AOF Honorary President.

Participants in the recent AOF Mission to Israel visited the site of the Institute, now a viable college campus with 170 foreign and Israeli students attending classes in computer science, electronics, automation and control, management studies, teacher training and Jewish studies. The official dedication ceremonies will take place in Karmiel on June 6, 1989. Construction on the site continues and within the next few years, ORT Braude will be operating at its full capacity of 1,000 students, training young men and women for leadership roles in the advanced technological careers of the future.

American ORT Federation Scholarships

The AOF Scholarship Program continued to expand in 1988, with a vigorous campaign to solicit new scholarships. The basic scholarship costs \$1,000.

All scholarship contributors receive an attractive acknowledgement plaque.

Names of donors of \$5,000 or more are permanently inscribed on the Wall of Honor at the ORT School of Engineering in Jerusalem.

National Legacy and Endowment Program

The American ORT Federation established the National Legacy and Endowment program in 1962. During the program's 26 years of growth, more than 9.76 million has been raised, with almost \$515,000 received during 1988.

The Legacy and Endowment Program and the entire ORT family mourns the loss of John F. Davidson who provided exemplary leadership since 1962. His work will be carried on by Co-Chairmen Murray D. Fischer, Henry Hindin and Joseph Zamore, who will continue to lead the Program's rapid growth and diversification.

The American ORT Federation offers complete programs of deferred and testamentary giving, including endowment funds, charitable remainder trusts, pooled income funds, charitable lead trusts, charitable gift annuities, life insurance, unrestricted gifts and bequests. Each program is tailored to meet the individual's particular circumstances, providing the donor with specific tax advantages, the opportunity for memorialization or honoring of family members, and the personal gratification of ensuring future support for the students of ORT.

National Legacy and Endowment Program, cont'd.

In 1988, total commitments of the Legacy and Endowment program included 116 signed Declarations of Intent, 33 Endowment/Scholarship Funds, 10 Inter-Vivos (Living) Trusts, and 22 Testamentary Trusts.

National Campaign Cabinet

The 1988 National Campaign Cabinet, under the chairmanship of Paul Bialo, was responsible for directing the fundraising and leadership development campaign, and for expanding AOF membership throughout the United States. Irving M. Footlik, Burton Kaplan, Roger Simon and Martin L. Stecklow were NCC Vice Chairmen. Other members of the NCC Executive Committee included: Louis Brause, Michael Broida, Arthur Draznin, Randy Glick, Alvin Gray, David Hermelin, Henry Hindin, Howard Kleinman, Morris Olshina, Frieda Ostroff, Arthur Pais, Sidney Reiff, Rudy Reis and Robert Sill.

1988 Chapter Activities

American and European Friends of ORT

Attendees at AEFO's annual meeting on October 22 were treated to a concert performed by two young violinists from the Soviet Union. AOF Vice President Rudy Reis delivered the keynote address. Alexander Strasun, Deputy Chairman of the Executive Committee, Simon Jaglom, chapter President and Jacques Zwiback, Honorary Executive Committee Chairman, continue to provide outstanding leadership for the chapter's various fundraising activities. In addition to completing one of its most successful years, substantial legacies were received including one from the late Luba Shapiro, widow of Dr. Leon Shapiro, author of The History of ORT.

American Labor ORT

The Golda Meir Community Service Award was presented to Sandra Feldman, President of the United Federation of Teachers, and Lenore Miller, President of the Retail, Wholesale and Department Store Workers' Union at a gala dinner on October 19. Thomas Van Arsdale, President of New York City Central Labor Council was Master of Ceremonies; David Dinkins, Manhattan Borough President and Jay Mazur, ILGWU President and AOF Vice President, were guest speakers. A successful tribute journal was published and distributed. New York State Attorney General Robert Abrams; Shelley Appelton, Chairman, WOU Executive Committee; and Edward Cleary of the NY State AFL-CIO were Honorary Tribute Chairman. Sam Fine is chapter President.

Apparel Industry Chapter

Under the leadership of President Alex Redein and Treasurer Sidney Reiff, the Apparel Industry exceeded its 1988 goal. The chapter's annual reception on November 1 honored Irwin Solomon of the ILGWU and dress manufacturer Mac Levy. Journal Chairman Sidney Reiff oversaw the preparation of the chapter's most successful journal to date. Other dynamic chapter leaders include Harvey Brody, Executive Vice President, and Arnold Harris, First Vice President.

Atlanta

Human rights activist Cecil Alexander received the AOF Community Achievement Award at a November 13th dinner attended by close to 300 ORT supporters. Charles S. Ackerman was Dinner Chairman and Nicholas Bonano, Regional Director of the ILGWU, was guest speaker. Dr. Jerome Harris, Superintendent of the Atlanta Public Schools, spoke at the chapter's annual meeting on December 11. Also on that date, Marvin Nodvin was re-elected President. The Atlanta ORT scholarship drive, in memory of the 44 Lyon children deported to Auschwitz during WWII, raised 54 scholarships this year, a record sum. The chapter continues to expand the scope of its membership, fundraising and young leadership activities.

Baltimore Men's ORT

Staged another highly successful raffle, co-chaired by Ray Kirsner and Dr. Herb Rosenberg, to raise funds for the Alvin S. Wolpoff ORT Scholarship Fund. Baseball star Brooks Robinson was Honorary Chairman. Dr. Michael Mann chaired Baltimore's annual summer "Tennis Night", well attended by both established and new members. Under the leadership of President Gil A. Abramson, chapter membership has increased.

Boston Men's ORT

An advisory committee meeting was held to plan for a gala dinner in the spring of 1989 honoring Senator Edward Kennedy. Chapter President Stuart Brenner is working with former Presidents Stephen Grossman and Mike Tullman, and former NCC member Alan Schwartz to restructure the chapter and renew membership activity and involvement.

Business and Professional ORT

Had a banner year in 1988, and exceeded their 1988 pledge to AOF. Under the leadership of President Rose Seidel Kalich, the chapter kicked off its fundraising activities at their 51st Annual Convention and Luncheon in May. Speakers at fall meetings included Marden Paru, National Campaign Director and Murray S. Katz who showed slides of the AOF Mission to Hungary and Israel. In addition to its annual commitment, the chapter also raises substantial Legacy and Endowment funds.

Charleston Men's ORT

The chapter presented the AOF Community Achievement Award on November 27 to Rabbi David J. Radinsky in recognition of his outstanding service to the Jewish community of Charleston. Harvey Spar, President, and Burton Kaplan, NCC Vice-Chairmen, served as tribute co-chairmen for this successful event, breaking all previous chapter fundraising records.

Chattanooga Men's ORT

Under the leadership of President Merv Pregulman, the fledgling chapter has gained 50 new members.

Chicago Chapter

Chicago held its second annual Jurisprudence Award Dinner in honor of attorney Leonard M. Ring on September 7. Senior Judge Abraham Lincoln Markovitz served as Honorary Chairman and Master of Ceremonies, and U.S. Senator Albert Gore delivered the keynote speech. On October 5, the AOF Community Achievement Award was presented to philanthropist Lois Zoller, with guest speaker Michael Schneider, Executive Vice President of the JDC. With these two highly successful events, Chicago far exceeded its 1988 goal. Henry Hindin, co-chairman of the AOF 1989 National Conference, is President.

Cleveland Men's ORT

Hosted a successful summer Theatre Party with comic Jackie Mason. Wilton Sogg, President, interviewed the performer and Jackie's opinions received extensive press coverage. On October 2, the The Man of the Year Award was presented to advertising and broadcasting executive Norman Wain at the chapter's annual brunch. Barnett Bookatz was chairman of the event. The Cleveland Young Men's ORT Division, now entering its third year, held a Video Scavenger Hunt on November 13. Corey Roth, Division President, will be honored in 1989 for his excellent leadership.

Columbus Men's ORT

Plans are in the works for a major function in May of 1989. The chapter is currently undergoing restructuring and new leadership is being sought.

Dalton Men's ORT

Was the first AOF chapter to meet and surpass its 1988 goal. Under the leadership of Allan Finkel, President, and the patronage of Harry Saul, Dalton Men's ORT gained 50 new members during 1988.

Detroit Men's ORT

Detroit's annual "Rub-A-Dub" scholarship event was held this year at Congregation Shaarey Zedik with close to 300 members in attendance. Jim Colman and Neil Gross chaired the gala event. On June 12, Benjamin F. Rosenthal was installed as President. Plans for a membership drive and recruitment of new leadership are fully underway.

Engineering and Industry Division

The ORT Science and Technology Award was presented to H. Joseph Gerber, and Nathaniel Stein, at a dinner in New York City on November 30. Dr. Manuel Gaetan, Mark S. Shipman, Esq. and Marvin Maas were Tribute Co-Chairmen. A large contingent of EFO members participated in the Fall Mission to Israel, chaired by Irving Footlik, Division President. The science and technology library at ORT Syngalowski benefitted by EFO's ongoing gift of the latest hi-tech books and periodicals. Irving Footlik hosted a meeting in Chicago to view the Mechatronics Bus which is now being used at the Advanced Center for Technological Training in Detroit.

Greater Hartford ORT Committee

Under the leadership of attorney Mark S. Shipman, a successful program of face-to-face solicitation was initiated. Shipman also co-chaired the November 30 dinner in honor of H. Joseph Gerber and Nathaniel Stein. The chapter is planning a major Connecticut event for 1989.

Greater Miami Men's ORT

John Fischer was elected President on December 7, following the retirement of former President Herb Sittenfeld who recently celebrated his 90th birthday. With Sittenfeld's guidance and the hard work of Vice Presidents Albert Anker and Joseph Schoenman, the chapter met and surpassed its 1988 goal.

Jewelry

Lawrence Chalson was honored as Man of the Year, following in the tradition of his father, Bernard Chalson, who was honored by ORT in 1970. Dinner Chairman Efraim Grinberg, Jewlery Chapter President Mel Cohen, Vice President Adam Heyman, NCC Chairman Paul Bialo, and Milton Gralla were instrumental in the success of the gala dinner at the Plaza on October 25. Milton Gralla oversaw production of a video, shown at the dinner, in which chapter leadership discussed the continuity of family traditions within the jewelry industry and in their commitment to ORT.

Knoxville

Larry Leibowitz, President, and Arthur Pais, NCC Executive Committee member, have recruited 25 members into this new chapter which is currently being reorganized.

Los Angeles

Los Angeles ORT Young Federation held two successful dinner dances this year, with greatly expanded membership attendance. Los Angeles Men's ORT July 8th "Evening under the Stars" at the Hollywood Bowl drew over 800 enthusiastic participants. The chapter's annual Chanukah Brunch on December 11 honored Joseph Spivack, founder of the Los Angeles chapter. A special videotape documenting Spivack's many years of involvement with ORT was shown at the brunch. For the first time in AOF history, the National Campaign Cabinet held its November Executive Committee meeting in Los Angeles. The group toured LAOTI, attended to business, and in the evening, were invited to a cocktail reception hosted by Los Angeles President Stanley Black.

National Capitol Area Men's ORT (Washington, D.C.)

Recently elected President Roger Browdy will lead continuing efforts to restructure the chapter. An intense membership recruitment drive and the development of a new board of directors are well underway. The chapter plans to stage a major dinner in the fall of 1989.

National ORT League

Under the leadership of Judah Wattenberg, President, the chapter conducted successful scholarship solicitations. The dynamic energies of Rudy Reis, AOF Secretary and Chairman of the ORT Forum, continue to be instrumental in the chapter's productivity.

New Jersey (Northern New Jersey Chapter)

Russell Berrie, a leading toy manufacturer, was the recipient of the AOF Community Achievement Award at a December 5 dinner in East Rutherford, chaired by Leo Gans and Howard J. Levine. Honorary AOF President Alvin L. Gray delivered the keynote address. Other distinguished speakers included New Jersey State Senator Matthew Feldman, who presented the award, and U.S. Congressman Robert Torricelli. 1987 honoree Senator Frank Lautenberg was among the 300 guests who attended the dinner. Future plans for expansion throughout New Jersey include a young professionals chapter.

New York ORT Scholarship Fund

Honored Stuart B. Oberman at a successful cocktail reception on November 9 at the Town Club, chaired by 1987 Man of the Year, Randy E. Glick who is also Chapter President and NCC member. The reception commemorated Kristallnacht with a candlelighting ceremony. Isaac Oberman served as Honorary Chairman.

Palm Beach Men's ORT

Noted artist Edna Hibel received the AOF Community Achievement Award at a gala dinner on March 27. Dr. and Mrs. Emanuel Newmark chaired the tribute and John Moss, AOF Honorary Vice President and EFO National Chairman, delivered the keynote address. Under the leadership of new President Alexander "Sandy" Meyers and AOF Board member Esther Barrish, the chapter developed a health professional division and has broadened its membership base.

Philadelphia

Newly elected President Morris Gocial is initiating a membership drive as well as restructuring the scholarship campaign. Plans are underway for a major function in 1989.

Pittsburgh

Under the leadership of Gerald S. Ostrow, the chapter continues its membership and scholarship campaigns and is looking forward to holding a major event in 1989.

Plumbing and Heating Industry Chapter

Plumbing and Heating's 17th annual Dinner Dance honored Morris Olshina, former chapter President and Chairman, AOF Executive Committee; and Richard E. Farrell with Man of the Year Awards. New York Buildings Commissioner Charles E. Smith received the AOF Community Achievement Award. Herbert Greenberg completed his first year as President with the stalwart assistance of Mel Goldsmith and Peter Bishop, two Union leaders who took an active role in developing the chapter's most successful tribute journal to date.

Real Estate and Construction Industry Division

Honored Harvey Schulweis at its annual scholarship luncheon attended by over 600 people. Evan Marks was Luncheon Chairman and Jerry L. Cohen was Tribute Chairman. AOF Secretary Louis Brause spoke on ORT activities and Division founder Eugene Grant presented the award. Given the luncheon's record attendance, the Division is now planning to broaden its membership base throughout the entire NY metropolitan region.

San Diego Men's ORT

In July, San Diego honored two outstanding community activists with the AOF Community Achievement Award. Father Joe Carroll, whose shelter for the homeless has become a national prototype, and theatrical producer Kit Goldman, received their awards at a highly successful cocktail reception. Under the leadership of Chapter President Charles Fuerzieg and David Berman, Chairman of the Executive Committee, chapter membership increased in 1988. A Chanukah Scholarship Brunch was held in December, and plans are underway for a major 1989 event.

Workmen's Circle Division of ORT

Under the dynamic leadership of Frieda Ostroff, President, and NCC member Rita Schneider, the chapter expanded its series of successful theatre parties. Sixteen years of activity were celebrated at a "Sweet Sixteen" gala dinner dance in October. Workmen's Circle was well-represented on the AOF Fall Mission and will send a large delegation to Karmiel in June for the official opening ceremonies of the ORT Braude International Institute of Technology. The "Adopt-A-Student" scholarship campaign continues to thrive with several scholarships designated for the ORT School of Engineering in Jerusalem.

Women's American ORT

Reese Feldman, National President, presided at the 17th National Board Conference in St. Louis where 750 delegates met under the banner A Voice For Change. WAO's 60th Anniversary celebration culminated in three significant events: the publication of Sarah's Daughters, a photo essay by Arthur Leipzig commemorating Jewish women; presentation of a myrtle tree from Israel to the Brooklyn Botanic Garden in celebration of both WAO's 60th and Israel's 40th anniversaries; and a ceremony at the Statue of Liberty honoring outstanding individuals. David Twersky became National Executive Director of Women's American ORT, and Nathan Gould continues as Executive Vice President. With more than 145,000 members nationwide, WAO is one of the largest national Jewish women's organizations in the U.S., contributing 26.3% of the total World ORT Union revenue budget.

A separate report by Women's American ORT describes its activities and manifold contributions to every phase of ORT, both here and abroad.

Special National Dinners

The American ORT Federation created the Community Achievement Award in 1984 to honor individuals who have made outstanding contributions in the realm of public service, business and industry. Since then, AOF has presented the award to more than 30 state and national leaders at special AOF dinners held around the country.

Because 1988 was an election year, it was necessary to postpone several dinners honoring public officials until 1989. In lieu of political dinners in 1988, a program of face-to-face solicitation was embarked upon with excellent results.

Two Special National Dinners were held in 1988 in conjunction with AOF chapters.

- H. Joseph Gerber, inventor and President of Gerber Scientific, Inc., and Nathaniel Stein, developer of Battery Park City and Senior Vice President of Construction at Olympia and York, were honored on November 30 at the Grand Hyatt in New York City. Each received the ORT Science and Technology Award. The ORT Engineering and Industry Division, and the ORT Real Estate and Construction Industry Division were instrumental in the dinner's success.
- On December 5, toy manufacturer Russell Berrie received the AOF Community Achievement Award for his humanitarian service to the handicapped and to those in need in both Israel and the U.S. The dinner was held at the Sheraton Meadowlands in East Rutherford, New Jersey, and helped to consolidate the Northern New Jersey Chapter membership base.

Among the honorees scheduled for 1989 is Zubin Mehta, conductor of both the New York Philharmonic and the Israeli Philharmonic.

Other AOF Programs and Activities

1988 American ORT Federation National Conference

Celebrating the 40th anniversaries of Israel and ORT Israel, the 1988 AOF National Conference was held January 21 through 24 at the Sheraton Centre in New York City.

Highlights of the Conference included a discussion among visiting instructors from ORT schools in Israel, Europe and Latin America on the special problems ORT teachers face in their respective countries. "From Generation to Generation" featured younger ORT leaders examining their roles in the future growth and development of Men's ORT chapters.

The 1988 ORT Man of the Year Award was presented to Randy E. Glick for his central role in revitalizing and expanding membership of the New York ORT Scholarship Fund.

John F. Davidson, whose presence at the 1989 Conference will be missed by all, received the annual William Haber Award for more than 40 years of commitment to the ORT effort.

Workmen's Circle Division of ORT, chaired by Frieda Ostroff, garnered the Chapter of the Year Award for steadily expanding the scope of its scholarship fundraising activities for the past 15 years. Cleveland Young Men's ORT, a subchapter of Cleveland Men's ORT, received a Special Achievement Award for its two years of successful membership activities.

Among the guests present at the Saturday night banquet, hosted by AOF President David B. Hermelin, were Ambassador Moshe Yegar, Consul General of Israel in New York City, and the Right Honorable Lord Young of Graffham, who delivered the keynote address on Britain's use of ORT programs and ORT models for a national modernization program.

Leadership Mission to Washington, D.C.

Forty-five leaders of AOF chapters and divisions throughout the United States participated in the 2nd annual Leadership Mission to Washington, D.C. on May 10. The day's theme, "Toward Peace in the Middle East", was thoroughly explored, first by a briefing with Howard Kohr of AIPAC, followed by briefings from Senator Frank Lautenberg (D-NJ), Congressman Robert Torricelli (D-NJ), Senator Paul Sarbanes (D-MD), Senator Rudy Boschwitz (R-MN), and Congressman Bill Green (R-NY). During lunch, the group was addressed by John Hirsch, Director, Office of Arab-Israel Affairs, State Department. An ORT caucus was conducted by NCC Chairman Paul Bialo, with outstanding fundraising results. To conclude the day's activities, Ambassador Moshe Arad hosted a cocktail party at the Israeli Embassy.

A Leadership Mission to Washington, D.C. is on the agenda for 1989.

ORT Forum

With the guiding energy and enthusiasm of AOF Vice President Rudy Reis, the ORT Forum continued its series of regular luncheon meetings with expert speakers on topical subjects. 1988 guest speakers have included: Dr. Amnon Cohen on "Palestinian Disturbances on the West Bank and Gaza" on February 25; David Saperstein on "The 1988 Presidential Elections" on June 15; and Rabbi Joel Goor on "Kristallnacht Plus 50 Years" on November 9. The Kristallnacht commemoration was enhanced by the presence of three former ORT students, Harry Simon, Ken Aranode and Henry James, whose lives were saved by attending ORT schools or having an ORT work card during the Holocaust period.

Videotapes of all ORT Forums are available on request.

ORT Schools in the United States

Bramson ORT Technical Institute

At Bramson's new location in Forest Hills, Queens, as well as in several off-site programs, 500 students are now taking advantage of the spacious facilities and updated curriculum. Bramson ORT offers one and two year associate, certificate and diploma programs in ophthalmics, electronic technology, computer programming, word processing, accounting, business management, sales and operations and secretarial studies. Courses in desktop publishing, computer-aided design, use of state-of-the-art software as well as career counseling are among the many factors which have caused the student population to rise from 150 in June of 1988 to over 500 today.

New York City is well aware of Bramson's unique approach to hi-tech education and negotiations are currently underway for joint programs with the public high schools of Forest Hills. The Bramson ORT Center for Computers in Jewish Education also serves the entire New York Jewish community.

Los Angeles ORT Technical Institute

Since first opening its doors in 1985, the Los Angeles ORT Technical Institute has tripled its student body. There are currently 300 full-time students registered. Almost half of LAOTI's students are newly arrived immigrants from Russia, Iran, Israel, Argentina, Romania, Morocco and France.

LAOTI received accreditation from the National Association of Trade and Technical Schools (NAATS) and the Accreditation Council for Continuing Education and Training (ACCET) in only three years, normally a five to six year process. Both agencies pronounced LAOTI the most impressive school they had seen in their 1988 accreditation review. This prestigious accreditation allows LAOTI students to transfer their credits to four year universities.

The Institute offers courses in computer programming, computerized accounting, computer-aided design, legal office procedures, English as a second language, secretarial and office automation skills, and computer electronics, as well as courses in Jewish studies. LAOTI has encouraged the active participation of local businessmen, industrialists and educators who advise on curriculum development and courses that will best prepare students for the local job market.

AMERICAN ORT FEDERATION

Zarem/Golde ORT Technical Institute

A new ORT school in Chicago, slated to open in 1990 was officially named the Zarem/Golde ORT Technical Institute in honor of the families whose bequest is the initial seed money for the project. The Zarem/Golde ORT Technical Institute will become the third ORT school in the United States. An affiliated ORT Resource Center is also in the planning stages.

The Hillel Community Day School and High School

From kindergarten through the 12th grade, the 850 students at the Hillel Community Day School and High School in North Miami Beach learn the latest in computer technology from the ORT-Hillel Computer Center. The Center also offers summer programs for teachers and classes for the community. Recently, the Center received a training robot from the World ORT Union Technical Department to initiate courses in robotics and will soon be implementing the ORT Jewish Education software package.

The Hillel Community Day School and High School is the only ORT program in the United States offering intensive study of computer operations on the primary and secondary levels.

AMERICAN ORT FEDERATION PUBLIC RELATIONS

In 1988 the AOF Public Relations Department produced and distributed a wide range of fundraising and informational tools geared to presenting the scope of the American ORT Federation and global ORT programs, both to the membership and to the public at large. All materials are available on request from the AOF National Office. They include the following:

- * The 1988-89 American ORT Federation Yearbook was distributed to Jewish organizations and leaders throughout the U.S. It provides an overview and country-by-country report to the American Jewish community on ORT's operations in the U.S. and abroad.
- * The AOF Bulletin, published on a quarterly basis, was distributed to AOF members and supporters throughout the United States and continues to be a key source of information about ORT and American ORT Federation activities to the AOF membership.
- * A Tradition of Learning, a new scholarship brochure that tells the 109 year ORT story and explains the scope of ORT programs, was printed and distributed to chapters and divisions throughout the U.S.
- * They Are the Future: A Guide to The American ORT Federation Legacy and Endowment Fund, was published in conjunction with the National Legacy and Endowment Committee. This brochure outlines deferred giving possibilities. The Committee's Annual Report was also published and distributed to the AOF membership in 1988.
- * Recent Developments in the ORT Network, a timely update on ORT projects and programs around the world was produced and distributed nationwide.
- * Informational Mailings to the AOF membership and ORT operational updates, including numerous informational handouts, were increased in 1988 with the aim of heightening awareness of ORT programs and projects.

The PR Department worked closely with the national campaign staff, producing fundraising appeals, invitations, tribute journals and awards in conjunction with AOF dinners.

Press coverage of AOF functions was extensive in the Jewish press, local newspapers and trade publications throughout the United States.

AMERICAN ORT FEDERATION VIDEO AND SLIDE PRESENTATIONS

In 1988 the AOF Public Relations Department produced and distributed a number of videotapes highlighting ORT operations which appeared on broadcast and cable television throughout the country as well as at AOF chapter meetings and functions. All are available in 3/4" and VHS format, and some on slide shows, upon request from the Public Relations Department.

- * Public Service Announcement (PSA) with Robert Merrill for the AOF "Let Your Voice Be Heard": for placement on television stations. Metropolitan Opera star Robert Merrill says, "Singing has been my life, and I know the importance of good training..." In 1988 this PSA aired regularly on stations throughout the country. More placement is planned in 1989. Video and storyboard available on request. 0:30 seconds.
- * ORT: The Sure Way to the Future: a look at the ORT Israel network including construction at the ORT Braude International Institute of Technology in Karmiel. 15:00 minutes.
- * A Glimpse of the Future--The ORT Braude International Institute of Technology: students from Israel and abroad tour the construction site and discuss why they've chosen to attend this newest, most ambitious ORT Israel school. 9:00 minutes.
- * David Hermelin in Israel: a tour of ORT Israel schools with AOF President David Hermelin. 12:00 minutes.
- * Touch the Future: presents students at ORT schools and glimpses of fields in the hi-tech world they are training for including optics, robotics, CAD/CAM and avionics. 5:00 minutes.
- * We Salute Our Great Presidents: a brief tribute to American ORT Federation chapter presidents, past and present. 3:00 minutes.
- * More Than Just Technology: students at ORT Israel schools performing in choral groups, dance troupes and dramatic clubs present the ORT educational experience outside the classroom. 11:30 minutes.
- * ORT: The Right Place: ORT schools throughout the world. Also available in slide show format. 4:00 minutes.
- * ORT Israel Update: highlights students and graduates of the ORT Josephthal Technical High School in Herzlia studying and working in electronics and related hi-tech fields. 7:00 minutes.
- * ORT: There Are No Limits: two members of Los Angeles Men's ORT recount their experiences at ORT schools in Europe immediately following WWII and their subsequent involvement with ORT. 11:00 minutes.

- * For the Children of ORT: looks at the global ORT network in a single moment in time. Also available in slide show format. 6:00 minutes.
- * A Portrait of Joe Spivack: one of the founders of ORT in the U.S. talks about the early days of American ORT in New York, Cleveland, Chicago and Los Angeles. 9:00 minutes.
- * A Lasting Gift: interviews with people who have made arrangements for ORT in their wills or living trusts. 12:00 minutes.
- * As Time Goes By: ORT Jewelry Chapter members talk about ORT, the jewelry industry, their chapter and the 1988 honoree, Lawrence Chalson. 11:00 minutes.
- * Family Tradition: five young leaders of the ORT Jewelry Chapter, their fathers, and, in one case, a grandfather, examine their reasons for ORT's trans-generational appeal. 12:00 minutes.
- * ORT Forum Videos: Jewish community leaders and thinkers discuss various current issues. Available on request.

ORT INTERNATIONAL COOPERATION

ORT International Cooperation is one of the most exciting and dynamic programs in the ORT global network. Involvement in technical assistance began in 1960 and since that time ORT has implemented over 200 projects in 54 developing countries at the request of U.S. AID, the World Bank, and other international funding agencies, host governments and commercial and industrial enterprises.

ORT International Cooperation provides technical assistance in vocational and technical education, agricultural and rural infrastructure, transportation systems, industry, public and private service enterprises and in urban infrastructure.

All technical assistance programs carried out by ORT's International Cooperation Department are designed to be handed over to local control after establishing a self-sustaining, locally-based training capability.

Typical ORT projects on the African continent include: working to increase corn production and improve nutritional standards in Zaire; helping to improve road transportation systems and construction management in Liberia; providing vocational and technical assistance in Cameroon; and aiming to increase food production in Chad.

In Latin America, ORT International Cooperation operates the Distance Education Project which brings skills training into 30 remote regions of Brazilian provinces. A similar project will soon be implemented in Peru. ORT conducts Mother and Child Care Projects in the outskirts of Buenos Aires, Montevideo and Lima to provide crucial health care and nutritional guidance to young mothers.

The most far-reaching development in 1988 for ORT International Cooperation has been negotiations with high level official in the People's Republic of China to establish a High Technology Resource Center at the Management Institute of Wuhan.

Currently ORT International Cooperation operates in Angola, Botswana, Burundi, Cameroon, Chad, Ghana, Guinea, Liberia, Nigeria, Rwanda, Senegal, Zaire, Argentina, Brazil, Peru and Uruguay.

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Activity Report of ORT Technical Department

April - December 1988

Introduction

The Technical Department expanded further its diverse range of activities in 1988. Again, these educational activities focused mainly on:-

- Computers and High Technology
- Computers in manufacturing (Robotics, Computer Aided Design)
- The use of computers across the curriculum
- The use of computers in Jewish Education.

The activities comprised, on the one hand, the preparation and updating of curricular material (course material, software and hardware) in the above fields, and on the other hand, the setting up and supporting of Training Projects, laboratories and events in support of these topics in schools and training establishments in many countries.

The Technical Department examines constantly current and future trends in high technology - with a view to evaluating new technological developments and assessing those that should be supported with training packages.

It also evaluates new equipment and software which can potentially be introduced into the training environments. This process continues to be one of its major activities and the results propagate through various projects and schools.

The Technical Department activities continue to span a whole range of technological topics, the main ones being:-

- Computer literacy
- Computer programming
- Computer technology
- Computer office application
- Computer Aided Design (CAD)
- Computer Aided Manufacturing (CAM), robotics and automation
- Programmable logic controllers

- Computer expert systems
- Electronics
- Computer authoring languages
- Desk-top publishing
- Computers across the school curriculum
- Computers in Jewish Education
- Sensor Technology
- Fibre Optics and Telecommunications
- Energy
- Creative Education

and others.

Whilst the nature of the Technical Department activities within the above fields depends on the circumstances and the needs of the specific school or organisation, these activities generally reflect in one or more of the following:-

- Design of computer classrooms
- The specifying and acquisition of hardware and software
- Testing, configuring and commissioning of hardware prior to, and after, installation
- Providing continuous ongoing support
- Providing teacher training
- Developing training packages and curricular material
- Recommending and supplying books and software
- The loan of hardware and expertise to schools
- Supporting the mobile technical training unit (ORT bus)
- Advice and consultancy in setting up technological training operations and resource centres
- Evaluation of new equipment, software, training material
- Conducting training and awareness seminars and courses

Much of the activity of the Technical Department has now attracted a great deal of attention from various government and independent organisations involved in technological education around the world. The Technical Department has thus played host to a large number of senior officers from governmental and non-governmental bodies from the UK and overseas, as well as key members of the ORT organisation itself, with the objective of advising and of propagating its ideas, philosophy and method of implementation of technological education, wherever appropriate. Furthermore, a number of companies, from the small to the large have also been keen to cooperate with the World ORT Union Technical Department.

Technical Department's Activities

a. Information Centres

The Technical Department has the role of keeping abreast of the Technological developments in important fields. To this end, it continuously updates its library of books and journals. The information centre staff regularly scans the material and directs any enquiring staff to relevant items as necessary. The information gathered is then disseminated through newsletters and the ORTDATA series published by the department for circulation throughout the ORT network and cooperating bodies. Notable recent publications cover the Microcomputers and Microprocessors of the 1990s and a comprehensive listing and appraisal of some new educational software in Jewish Education.

The Technical Department is now completing its development of a comprehensive computerised database system for educational software in secular as well as Jewish Education. The software undergoes evaluation by the Technical Department and if found suitable, is then added to the Database. As soon as this task is completed, comprehensive listings of recommended software (which in itself may be available through the Technical Department) will be circulated through the ORT network and cooperating bodies (partial catalogues are being circulated in the meantime).

A complete catalogue on Jewish Education topics is due to be released shortly.

b. Selection, Preparation and Provisions of Equipment

The Technical Department continues to provide and install Computers and High technology Training Equipment to training establishments in and outside the ORT network. Furthermore, the work associated with the development of training packages by the Department requires the acquisition, preparation and often development of new hardware and software. The department thus handles large volume procurement of sophisticated equipment (around £1m).

The Technical Department liaises with the suppliers, provides specifications, supervises manufacturers, handles the effective acquisition of the hardware, tests the hardware and configures it for its desired purpose and will occasionally carry out installation on site.

In view of the constant progress and changes in the technological environment, occasional modifications and upgrades have to be designed and implemented, often in conjunction with the suppliers.

This year saw the completion of the Robotics Literacy package to be compatible with the widely used MS-DOS computers. This included design and production of special Interface cards and software. Technical modifications took place also in the Simulator Card, of the Programmable Logic Controllers Training Package to ease its use and increase the durability. A new Power-Supply is also being developed for the same package.

c. Progress in the development of Curricular packages

(1) Advanced Robotics Course - Phase 2

The workcell development (hardware and software) has now been completed and production of 10 such Workcells is taking place. For further details see section (e).

The course material is now being written for this package.

(2) Programmable Logic Controllers

The course material has been re-edited by the Department and a new improved edition published.

(3) Sensor Technology

The course material has now been published. The first batch of hardware kits to complement the course material is due to be released shortly.

(4) Fibre Optics and Telecommunications

The course material is now being released. The first batch of hardware kits to supplement the course is being produced by E & L Instruments to the Technical Department's specifications, and will be available shortly.

(5) Computer Aided Design

Before final release, the course material is adapted to the latest version of the Cadkey package upon which it is based to a significant extent, due to some fundamental changes in the latest version of the software.

(6) Computer Business Application

The Technical Department is engaging currently in producing some learning modules for business application of computers. These learning modules are based on what is regarded as the industry-standard software packages in the areas of application.

Two short courses have now been released:

The first is on Spread Sheet Application (Lotus) and the second is on Desktop Publishing (Pagemaker).

d. Progress with the Robotics Literacy and Programmable Controllers Training Projects

Implementations of these two projects continues and has been further enhanced this year, as discussed below.

i. Britain.

Further equipment was prepared by the Technical Department and provided to various training establishments in the UK. One site with a difference is HM Franklin Prison, for which the Technical Department has prepared more Robotics equipment, as the prison expands its robotics training as part of its prisoners rehabilitation programme.

ii. Latin America.

Additional equipment and spares were prepared and provided this year to the various Latin American countries (this includes Brazil, Uruguay, Argentina, Chile, Peru). The Technical Department is currently preparing a full Robotics Literacy training workstation and a full training kit on Programmable Controllers for ORT Mexico.

iii. Holland.

The Technical Department has prepared and supplied 11 additional workstations to ORTIT in Holland. Together with previously supplied workstations, the project is making substantial inroads into the Dutch arena.

iv. India.

An Indian supplier has linked with the Technical Department to supply ORT's robotics training equipment to local universities in India. This activity is developing and more equipment is now on order from the Department.

The Technical Department has also assisted ORT India with advice on implementation of modern technology training. The Technical Department is now preparing for ORT India a Robotics Literacy training package (including a full workstation) and a training package (including hardware) on Programmable Controllers.

v. France.

The Department has provided ORT France with six Robotics workstations and the course material, ready to install in six different schools. The training material is due to be translated into French. A senior representative from ORT France has visited the Technical Department for instructions in the implementation of these workstations.

vi. Israel.

A full Robotics Literacy hardware, software and courseware package was prepared by the Technical Department and sent to the new school Karmiel, to be implemented immediately from the start of its operation.

vii. Ireland.

The Irish government body responsible for youth training (FAS) is showing interest in ORT's activities and has started buying some equipment for implementation in Dublin. There is also a current dialogue with a known supplier in the educational arena in Ireland who is interested in promoting the ORT packages there.

viii. United States.

Cooperation with ACTT on the implementation of ORT's Robotics and High Technology training in the Detroit motor industry and other parts of the US, has continued. ACTT were provided with a MS DOS upgrade to the Robotics training hardware & software and further equipment. In addition, a member of staff from the Technical Department has conducted a first sample course in Programmable Controllers for ACTT, at ACTT premises in Detroit.

ACTT is due to receive shortly the Technical Department's latest training package releases - the Fibre Optics and Telecommunications training package and the Sensor Technology package - for implementation in the US.

e. Advanced Robotics Phase II

In cooperation with the Department of Trade and Industry in the UK and IBM, the Technical Department has developed a complete Advanced Manufacturing Technology training workcell. The Technical Department is now equipping 9 selected colleges within the UK with the Advanced Manufacturing Technology Workcell (one of each). The colleges are:

- Brighton College of Technology
- Mid-Kent College of Higher Education & Further Education
- Sunderland Polytechnic
- Stowe College
- Hatfield Polytechnic
- Middlesex Polytechnic
- Chichester College
- Salford College of Technology
- Birmingham Polytechnic

Additionally, the ORT Resource Centre in London was provided with a complete Workcell.

The first overseas implementation of this project is in Israel: the Technical Department has prepared a full Advanced Manufacturing Technology Workcell for the new ORT school in Karmiel (the cell is due to be shipped shortly). Supervising its re-assembly will be one of the teachers from Israel who was involved with the workcell development during his stay with the Technical Department in London as part of the Staff Development programme.

There is growing interest from other countries in this particular Cell, the most recent dialogue is with government bodies in Australia.

The Robots that are employed in these workcells (IBM 7549 SCARA Type) are bigger than the one originally used for prototype assembly of the Cell, and suitable modifications had to be made by the Technical Department accordingly.

As also this range of robots is due to be shortly phased out, the Technical Department is currently examining, together with IBM, the possibilities of modifying the cell and the software to adapt to the new substituting range of robots, so that continuation of this successful project can be assured.

f. Computers in Jewish Education

This project, supported by the Memorial Foundation, has taken a great leap forward this year. The programme of Computers in Jewish Education now encompasses the following schools in the UK:-

Primary Schools:

- Rosh Pinah School - London
- Simon Marks School - London
- Independent School - London
- Sinai School - London

Secondary Schools:

- Jewish Free School - London
- King David School - Manchester
- Carmel College - Oxfordshire

Special Needs Schools:

- Kisharon School for the handicapped - London

It is expected that the following schools will join the programme:-

Primary Schools:

- Kerem School - London

Secondary Schools:

- King David School - Liverpool

Most of these schools have been or are being equipped with computers and software on Jewish topics by the Department. The teachers in these schools are trained by Technical Department staff at the ORT Resource Centre in London and on site in the schools. (The training of the teachers is essential to a successful implementation)

The Computers in Jewish Education project received a further impetus through the special liaison that the Department has developed with the Tekoa Publishing House in Israel. Tekoa is now making available, under special terms, all its excellent range of software on Jewish Education to ORT for the Project.

Large quantities of software on Jewish topics have been examined by the Technical Department and acquired in order to secure the constant enhancements of the schools' software libraries.

To ensure maximum awareness among interested schools, the Technical Department is constantly evaluating new software on Jewish Topics, and has recently compiled and circulated a list of such software. Orders for software have now started coming to the Technical Department as a result of this from a number of schools. A fuller list containing some 120 good quality, tested software titles in Jewish Education is published at present.

Implementations Overseas:-

1. Colegio Sefardi, Barcelona

Colegio Sefardi have now been equipped with the full range of computer equipment hardware and software for the school. To ensure appropriate implementation, a senior member of staff of the Technical Department paid a long visit to the school in Barcelona. He resolved various technical problems onsite and carried out an intensive computer awareness and training programme for the teachers in the school. He worked out a tight workplan with key staff to ensure fast and seamless integration of the computers across the schools curriculum in secular education as well as Jewish Education.

Colegio Sefardi has since been regularly provided with new software by the Department. The school now boasts nearly 50 different software packages (each containing typically several programmes) on Jewish as well as secular topics. Close contacts have been maintained with this school to ensure that the programme is carried out as planned.

2. ORT France

The Technical Department has embarked on a major project with ORT France: licences were obtained from the Tekoa Publishing House for translation rights on selected packages and work has started on the translation work into French.

f. Advising the City Technology Colleges

The Technical Department was appointed by the Department of Education and Science in the UK to advise the new City Technology Colleges on a new curriculum and a novel curricular approach in Technology for this new specialist network of schools emerging in the UK. Substantial work was carried out by the Technical Department in this direction, trying to embody in such proposals, new education concepts of the cross disciplinary approach in Technology training.

Special links were forged with one of the first CTCs in this country (the first one to have its own newly-built purpose designed premises) - the Nottingham CTC. New CTCs are approaching the Technical Department to explore the possibilities of similar liaison.

g. The ORT-Ronson Project (Jewish Free School)

With funding from the Ronson Foundation, the Technical Department was requested to develop the Computers and High Technology aspects in JFS. The School's total needs in this area were examined in conjunction with the staff. New plans were proposed by the Technical Department for a new computer laboratory, to be implemented in stages. As an interim measure, Technical Department staff have been assisting the school staff in occasional teaching activities to alleviate the pressure of skilled-staff shortages. This involved teaching O-Level and A-Level in Computer Studies. (This special effort was rewarded with the achievement of good examination results by the students involved). Simultaneously, a comprehensive programme of staff training was carried out by the Technical Department staff at the Resource Centre in London and onsite at the school. The first stage of the computer laboratory started its operation at the commencement of the new academic year in September 1988.

Additionally, the Department undertook to train JFS pupils on Robotics and High Technology topics, using the Technical Department staff and facilities at the Resource Centre in London. The courses are done on a regular weekly basis, with the teachers from the school present, so that they will be able to take over similar training in the future independently.

h. The ORT-Spiro Course

The World ORT Union has started a cooperation with the well respected Spiro Institute for Jewish Studies in London. A special 20 week long course has been designed by the Technical Department and has been carried out by the Technical Department staff for the Spiro Institute. This course covers the basic knowledge of computers as well as their applications, such as word-processing, spread-sheets, databases, desk-top publishing and educational application.

i. Cooperation with other Jewish Schools

Anne Frank Jewish School in Budapest.

Liaison is forging between World ORT Union and the Anne Frank Jewish School in Budapest. After discussions, the school has provided a general list of urgent equipment requirements for the teaching of Science. This list has been examined by the Technical Department staff and after careful studying and research a detailed procurement list was compiled for up-to-date training instruments and equipment for the school. This equipment has now been sent to the school and has been put to use immediately.

Jewish Schools in South Africa

In cooperation with ORT South Africa, negotiations have been taking place on increasing the support of the Technical Department to the Jewish Schools in Cape Town and Johannesburg. The Technical Department has also proposed the setting-up of a Technology Resource Centre in one of the schools, and this is currently being evaluated.

Additionally, following specific requests for assistance from St Barnabas College, the Technical Department provided the school with a comprehensive list of educational software. Subsequently, an initial selection of software was sent by the Technical Department to the school.

Stratford College - Dublin

As a result of the visit in Dublin mentioned in the previous report, the Technical Department is preparing additional hardware, a range of software particularly on Jewish Education to be sent in the near future to the school.

j. Exploring Cooperation in Technology Training with Government bodies of other countries.

The Technical Department was closely involved in the exploration of possible links with governmental bodies of several countries, with a view to implementing the Department's concepts, and its curricular packages, in technology training in those countries. Official bodies in several countries are showing interest and some initial proposals have been prepared to this effect. Discussions are currently taking place with Government bodies in the following countries:-

- Republic of China
- Australia
- Hungary
- Spain

The Technical Department has recently served as host, amongst others, to the Hungarian Deputy Minister for Education and to high ranking delegates from the Republic of China, demonstrating at first hand its ideas, developments, packages and projects

k. Participation in Exhibitions

The Technical Department has participated recently in two exhibitions. These were:-

- The Human Resource Development Conference and Exhibition - Barbican Centre, London
- Heart of Israel Exhibition - Alexandra Palace, London

Great attention was drawn to the Technical Department's work exhibited, and important contacts were created. For the Israel Exhibition, the Technical Department took the ORT Technology Training Bus fully equipped to the exhibition site. It appeared to have been the centre-piece of the exhibition and attracted the special attention of the British Secretary of State for Education, Mr Kenneth Baker.

l. Supporting the ORT Resource Centre

The Technical Department continues to support the ORT Resource Centre with technical advice, maintenance, selection and acquisition of hardware and software, upgrades and enhancements and providing trainers for the various courses run at the Resource Centre. Support is also provided for the Centre's Advanced Manufacturing Technology Workcell.

Technical Support was also provided for the ORT Bus activities organised by the Resource Centre.

m. Student and Teacher Development

The Technical Department continues its scheme of providing an opportunity for Practical Engineering graduates from the ORT Israel network to carry out their final projects with the Department. Students on this programme are selected on the basis of their achievements during their studies. The London Office provides them with the opportunity of staying in London for about four months whilst preparing their graduate projects. These are chosen and supervised by the Department.

This year one of the students is from ORT Syngalovski, the other from ORT Kiryat-Bialik. The former is designing an Automated Guided Vehicle (AGV) with intelligent Vision Sensing capabilities, whilst the latter is designing and building an X-Y Table with two different types of linear motors to compare their behavioural characteristics.

In addition to the students' projects, the Technical Department continues to provide facilities for senior teachers from the ORT Israel network to spend a year in London working on educational projects as part of a staff development scheme.

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Appendix 1 CEF International Cooperation Department Projects 1988

Appendix 2 Surveys Carried Out 1987 - 1988

Appendix 3 Traveling Progresses in Europe 1987 - 1988

Appendix 4 CEF International Cooperation Department Potential Projects and Proposal List 1988 - 1989

The first part of the report deals with the general situation in the field of international cooperation in the area of science and technology. It mentions the importance of this field and the need for international cooperation in this area. It also mentions the need for a more effective system of international cooperation in this area.

The second part of the report deals with the work of the International Centre for Science and Technology. It mentions the work of the Centre in the area of science and technology and the need for international cooperation in this area. It also mentions the need for a more effective system of international cooperation in this area.

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Review of 1987

Last year ORT successfully completed projects in the following areas:

- In Argentina, where ORT has been working for over 20 years, a literacy project in Buenos Aires and 40 other provincial towns.

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- ORT specialists provided technical assistance and training to the "Office des Routes" in Zaïre and in Senegal, particularly in the upgrading of training and teaching of instructors. An ORT specialist also designed the 1988 training programme for 1988 - 1990.

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- In a three-year project funded by the Government of Zaïre, an ORT specialist set up a Mother and Child Centre and 3 satellite centres in the marginal areas of Kinshasa which provide services for primary health care, social services, and pre-school education. The ORT specialist also provided training to pre-school educators in health and nutrition.

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Appendix 4 ORT International Cooperation Department Potential Projects and Proposal List 1988 - 1989.

The Health, Education and Nutrition Centre in Kinshasa, Zaïre, has established a network of 4 Mother and Child Centres and 3 satellite Centres in the marginal areas of Kinshasa as part of a health, education and nutrition programme.

A Distance Education project, also in Kinshasa, will provide skills training to approximately 2,000 students over a three-year period.

- In Zaïre a Health, Education and Nutrition programme in Kinshasa, based on the Indaba project, is providing educational services for children between the ages of 3 and 6 years who have no access to the city's primary schools. The Mother and Child Centres and their 20 satellite centres will train the children's parents, particularly their mothers, in practical education, health, nutrition and social services. The programme also includes a nutrition service and a health education service with the participation of the women.

The Health, Education and Nutrition Centre in Kinshasa is partially funded by ORT.

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INTRODUCTION

Review of 1987

Last year ORT successfully completed projects in the following areas:

- In Argentina, where ORT implemented a computer education and literacy project in Buenos Aires as well as several provincial towns.
- ORT specialists provided technical assistance and training to the "Office des Routes" in Zaire and to "ONATRA", particularly in the upgrading of training management and the training of instructors. An ORT specialist also designed the ONATRA training programme for 1986 - 1990.
- In a three-year project funded by CIDA, an ORT specialist set up a Mother and Child Centre and 9 satellite units in the marginal areas of Lubumbashi which are not served by any state health or social services; and provided parents with training as pre-school educators in health and nutrition.

Projects Implemented in 1988

In 1988 the ORT International Cooperation Department has implemented projects in the following areas:

- Madagascar where an ORT forestry specialist set up a seminar for the protection of the environment.
- Uruguay where, as a result of earlier success in this field, ORT has established a network of Mother and Child and Artisan Training Centres in the marginal areas of Montevideo as part of a health, education and nutrition programme.
- A Distance Education project, also in Uruguay, will provide skills training to approximately 2,200 students over a three-year period.
- In Zaire a Health, Education and Nutrition programme in Kinshasa, based on the Lubumbashi project, is providing educational services for children between the ages of 3 and 6 years who have no access to the city's social services. The Mother and Child Centres and their 20 satellite units will train the children's parents, particularly the mothers, as pre-school educators, whilst providing an important health-monitoring service which includes ante-natal check-ups, infant inoculation, weaning check-ups, nutrition services and a health education service with the participation of the mothers.

The Health, Education and Nutrition programme in Kinshasa is partially funded by CIDA.

Current Projects in 1988

Ongoing projects in 1988 are operating in Botswana in the Urban Development sector where ORT is delivering training to 14 town councils in Francistown and Gaborone as well as isolated areas beyond the Kalahari desert.

The Distance Education programme in Brazil has expanded since 1981 to meet the needs of 8,000 students in 12 provinces.

Education projects are being consolidated in Cameroon under the World Bank's Third Education project, in Guinea where an ORT specialist is responsible for the construction of educational buildings and the procurement of equipment; in Chad where ORT is providing a team of short-term consultants and an ORT Administrator/Manager to coordinate World Bank funds under the terms of the World Bank Third Education project.

In the field of road maintenance and highway training, ORT has projects under way in Burundi, Ghana, Nigeria, Rwanda, Liberia and Zaire. The main objective of all these activities is counterpart training, both on-the-job and through training courses in Europe, upgrading local training centres and the rehabilitation and maintenance of rural roads.

Surveys and Study Missions 1987 - 1988

Between 1987 and 1988 ORT has undertaken survey missions and feasibility studies, both independently and in conjunction with World Bank teams, in order to identify training and human resource needs in the following countries:

ANGOLA

A team of 3 ORT specialists conducted a survey into the rehabilitation of automotive equipment, repair facilities and training of staff in public works in the provinces of Huila and Namibe.

DOMINICAN REPUBLIC

Under a USAID/FUNDAPEC loan, ORT was asked to assess trainee and curricular capabilities in the Vocational and Technical education sector of the Dominican Republic. ORT was also requested to carry out a needs assessment in equipment and personnel.

GUINEA

With funding from DDA (Swiss Technical Assistance), ORT undertook a feasibility study for the creation of a training school for forestry technicians. The mission included project start-up.

Following an ORT - HALCO agreement, an ORT consultant has carried out a short-term mission to identify training needs and advise the Head of Training of the CBG in Kamar.

PAKISTAN

An ORT specialist assessed the training needs of senior Water Wing staff in WAPDA and designed a training programme for engineers in management and computing.

SENEGAL

An ORT mission is making a survey of all human resources available for rural development which will be followed by a survey of human resource needs for the year 2000.

SOMALIA

Under a USAID loan, an ORT consultant assessed the implementation of a roads project. Another ORT consultant took part in a World Bank Identification Mission to study the implementation of an infrastructure project in Mogadishu and other towns.

SWAZILAND

Similar to the above: an ORT specialist collaborated with an IBRD Identification Mission for an Urban project in Mbabane and Manzini.

ZAIRE

ORT carried out a survey at the request of the Office des Routes regarding the standardisation of the SGMTP workshops and prepared a working document of technical procedures.

ZIMBABWE

An ORT specialist participated in a World Bank Identification Mission to evaluate the ability of Urban Councils to operate and maintain urban services. The specialist examined the rural district councils of two provinces and prepared an outline for a Manpower Development scheme.

For further information please refer to Appendices 1 and 2.

For further details please refer to Appendix 3, Training Programme in Senegal, 1987 - 1988.

Training Programmes in Europe

In 1987 a total of 13 trainees sponsored by the Compagnie des Bauxites de Guinée (C.B.G) and the remainder by IBRD, came to Europe for courses in Management Training, Human Resource Management, Public Works, Project Management and English studies. Training courses took place in France and the U.K in the training centres of firms and industry; at the school for Public Works (EBTP) in France and at ORT London. The duration of training varied from 2 months to 2 years. Other trainees in 1987 were sent by ONATRA and the Office des Routes (Zaire), as well as the Public Works Departments of Rwanda and Burundi.

This year the Ministry of Education in Cameroon funded 5 of its staff on a variety of courses in Management Training, Computer Training and English Language tuition. The duration of the above courses ranges from 2 to 5 months. One of the trainees from the Ministry has spent a month visiting ORT schools in France and ended his tour with a visit of the ORT Resource Centre in London.

Eleven Guinean trainees, sponsored by the C.B.G, are currently taking courses in Computer Programming, Management Training, Health/Hospital Training, English Language studies and Mechanical and Technical courses for periods of study ranging from 9 months to 2 years.

Peugeot Automobile Nigeria (P.A.N) sent 3 trainees on a 3-month training course at the Engineering and Industry Training Board (EITB) in Leeds for a Special Training Officer's course and to ORT London for training on ORTAGRAPH.

Four trainees from a cross section of Liberian ministries received funding from ORT to attend 5 months of an intensive vocational training programme for senior instructors at the ORT Israel training facilities as well as other vocational training establishments in Israel. The aims of the course were to promote the participants' skills through advanced training in areas such as auto-mechanics, automation, robotics etc. The course was also designed to upgrade the participants' training skills.

Training courses for 10 Zairian trainees from the Office National des Transports (ONATRA), and 6 trainees from the Regie des Voies Maritimes (R.V.M), have been rescheduled to 1989.

For further details please refer to Appendix 3, Training Programmes in Europe, 1987 - 1988.

Further Developments

In 1988 the International Cooperation Department introduced a Database system as a means of updating and following-up Potential Projects and monitoring the action taken by project coordinators.

ORTAGRAPH

One ORTAGRAPH has been sold to Peugeot Automobile Nigeria and will be installed at the end of November. In Zaire the ORTAGRAPH system presently operational with ONATRA is to be extended out of the project budget to include a personnel database. Interest has also been expressed for the purchase of a second ORTAGRAPH by ONATRA in 1989. This second version will include desk-top publishing.

Looking towards 1989

Thanks to African Development Bank, EEC, and Inter American Development Bank loans, the prospects look good for new projects in Africa and Latin America. (For further information please see Appendix 4, ORT International Cooperation Department Potential Projects and Proposal List, 1988 - 1989).

New projects are also being implemented in :

- hospital equipment maintenance;
- hospital management (administrative procedures, manpower development etc.);
- training in public administration, finance and project management;
- strengthening local P.V.Os in institutional development.

Training in Europe of African participants in middle-management and technical expertise is also envisaged for 1989.

Further Development

In 1988 the International Cooperation Department introduced a database system to monitor and control the progress of projects. The system is designed to monitor the progress of projects and to provide a means of communication between the project coordinators and the Department.

The system is designed to monitor the progress of projects and to provide a means of communication between the project coordinators and the Department. It is a computerized system which will be installed at the end of November. It is a computerized system which will be installed at the end of November. It is a computerized system which will be installed at the end of November.

Looking Forward 1989

Thanks to African Development Bank, EC, and Inter American Development Bank, the progress has been made in Africa and Latin America. The progress has been made in Africa and Latin America. The progress has been made in Africa and Latin America.

The progress has been made in Africa and Latin America. The progress has been made in Africa and Latin America. The progress has been made in Africa and Latin America.

- hospital equipment maintenance;
- hospital management; (information, procedures, management, development)
- assistance in hospital administration, finance and project management;
- the other activities in the field of hospital development.

Technical expertise is also envisaged for 1989. Technical expertise is also envisaged for 1989. Technical expertise is also envisaged for 1989.

The progress has been made in Africa and Latin America. The progress has been made in Africa and Latin America. The progress has been made in Africa and Latin America.

ORT INTERNATIONAL COOPERATION DEPARTMENT PROJECTS IN 1968

FUNDING SOURCE AND DATE

DESCRIPTION OF PROJECT ACTIVITIES

SECTOR

COUNTRY

CIDA
1964 - 1967
Completed

Following a study by ORT led in Buenos Aires in 1965, a computer education project was started, aimed at introducing computer literacy, creative education and distance education in several primary and secondary schools in Buenos Aires and some other provinces.

1988

1989
1966
Current

Following successful completion of the first project, ORT's contract was extended for a further two years with an additional goal in social welfare. Phase II courses in the capital, Bahiavore and Pampisikon and will also be maintained for all 14 provinces including remote areas by the Bahiavore project.

CIDA
1981
Current

Following a study mission by ORT to America in 1979, a project was initiated for the creation of training centers based on the distance education concept. Four courses were designed in several areas related to office environments and electrical/electronic maintenance. Originally set up in three provinces with 300 students, the project now expects to have over 2,000 students in 12 provinces.

IBRD
1978
Current

This project aimed at training and training students in the Public Works Section of Bajubura Technical School as well as at the new Groups Centers for Road Maintenance Training. Counterparts will participate in courses in technical subjects and teaching methods to prepare them for staffing the Public Works Section on project completion. ORT responsibilities include the procurement of equipment and selection of trainers.

APPENDIX 1

ORT INTERNATIONAL COOPERATION DEPARTMENT PROJECTS

APPENDIX I

UNITED NATIONS DEPARTMENT OF ECONOMIC AND SOCIAL AFFAIRS

1988

ORT INTERNATIONAL COOPERATION DEPARTMENT PROJECTS IN 1988

COUNTRY	SECTOR	DESCRIPTION OF PROJECT ACTIVITIES	FUNDING SOURCE AND DATE
<u>Argentina</u>	<u>Education</u>	<p>Following a study by ORT Latin America in 1983, a computer education project was started, aiming at introducing computer literacy, creative education and fundamentals of computer programming in several primary as well as secondary schools in Buenos Aires and some other provincial cities.</p>	<p>CIDA 1984 - 1987 Completed</p>
<u>Botswana</u>	<u>Urban</u>	<p>Following successful completion of the pilot project, ORT's contract was extended for a further two years with an additional post in social welfare. Phase II has centres in the capital, Gaborone and Francistown and will deliver training to all 14 councils including remote areas beyond the Kalahari desert.</p>	<p>IBRD 1986 Current</p>
<u>Brazil</u>	<u>Education</u>	<p>Following a study mission by ORT Latin America in 1979, a project was initiated for the creation of a training system based on the distance education concept. Four courses were designed in several areas related to office environment and electrical/domestic maintenance. Originally set up in three provinces with 300 students, the project now expects to have over 8,000 students in 12 provinces.</p>	<p>CIDA 1981 Current</p>
<u>Burundi</u>	<u>Transportation</u>	<p>This project aims at training and retraining students in the Public Works Section of Bujumbura Technical School as well as at the new Gitega Centre for Road Maintenance Training. Counterparts will participate in courses in technical subjects and teaching methods to prepare them for staffing the Public Works Section on project completion. ORT responsibilities include the procurement of equipment and selection of trainees.</p>	<p>IBRD 1978 Current</p>

<u>Cameroon</u>	<u>Education</u>	Following the successful completion in 1986 of the World Bank's third Education project, ORT signed a new two-year contract, extendable to four years, under which eight ORT specialists work in various education-related disciplines, including statistics, equipment and architecture.	IBRD 1986 Current
<u>Chad</u>	<u>Agriculture</u>	ORT was requested to develop an agriculture development and farmer training project in the Lake Chad area following a feasibility study in the same area in 1986. The goal of this project is to increase agricultural production in the wadis of the Lake Chad area by improving the traditional irrigation and agronomic techniques.	USAID 1987 Current
	<u>Education</u>	Under the World Bank's Third Education Project, the Government has requested ORT to supply several education and training experts. An ORT Administrator/Manager and short-term consultants are in place following selection by the Chadian Government.	IBRD 1987 Current
<u>Ghana</u>	<u>Transportation</u>	An ORT Training Advisor will be attached to the Ministry of Public Public Works for a two-year period as well as three specialists, (a Civil Engineer, a Roads Instructor and an Equipment Operator Instructor) will staff a Roads Training Production Unit over the same period.	IBRD 1987 Current
<u>Guinea</u>	<u>Education</u>	An ORT specialist working with the Directorate of the second education project, and is responsible for the supervision and execution of construction contracts for schools, institutes and other educational buildings.	IBRD 1983-1988 Current
		At the request of the EEC, ORT supplied two specialists, an architect and a mechanical/training engineer for the rehabilitation of the ENAM, buildings and equipment. The experts prepared the call for tenders and participated in the selection of the firm in March 1987.	EEC 1986-1987 Completed
<u>Industry</u>		1. A second phase of the CBG-HALCO project completed in 1983 in which ORT designed and supervised construction of a CBG Training Centre at Kamsar. The second phase includes the extra-mural training of Guinean counterparts in areas such as hydrographic studies, teacher training, language studies and maintenance of mining equipment.	CBG-HALCO 1983 Current

USAID/RTI
1986-1988
Current

ORT, in association with Research Triangle Institute (RTI), was selected to implement the training component of an Urban Development project in the Ivory Coast. ORT is undertaking the technical services section, Management and Training. Five missions are planned for the Ivory Coast between 1987 and 1988.

IBRD
1986-1987
Completed

Following a preliminary survey undertaken by ORT involving rehabilitation of the Maseru Community; the World Bank funded a low-cost housing programme in Lesotho together with a programme for the restructuring of local Government.

USAID
1986
Current

Two ORT specialists in road construction and training are supervising the road maintenance services supplied by local contractors and are training the Public Works Staff in supervising the contracts. An ORT Head Office training specialist is conducting appropriate training seminars.

DDA
1988
Completed

ORT was requested to organize a seminar for university teachers specialising in forestry and protection of the environment.

IBRD
1984-1987
Completed

An ORT forestry training specialist worked for 11 staff/months over a period of three years at the Gharb-Mamora Forestry project. The specialist trained staff in silvicultural practices, charcoal production, forest industries and the use of satellite imagery for the study of soil erosion control and forest management. The expert made recommendations for the creation of a regional forestry training centre.

Mercantile
Bank
1983-1987
Completed

Following an ORT survey into the training and staff development needs of the Bank staff, ORT set up a fully equipped Training Centre in Calabar and organised training programmes according to the identified needs. A three-man team was in place for four years before handing over to the Nigerian staff.

Ivory Coast

Urban

Lesotho

Urban Development

Liberia

Transportation

Madagascar

Education

Morocco

Forestry

Nigeria

Banking

Industry

Under a contract with Peugeot and PAN (Peugeot Automobile Nigeria), ORT conducted a feasibility study and established a Training Centre for PAN employees working in the Peugeot assembly plant at Kaduna. Workers are being retrained and upgraded and new personnel are being trained to meet the future needs of an expanded labour force. A major effort to recruit both expatriates and Nigerians for participation in the programme has been undertaken. Some of the Nigerian counterpart training staff are receiving instruction in Europe under ORT supervision. The contract has been extended until the end of 1988 and includes on ORT specialist in training, recruitment and promotion who serves as Advisor to the Director General of PAN.

Peugeot
1977-1988
Current

Transportation

Following the earlier Highway Maintenance Training Project in collaboration with Kampsax, the Federal Ministry of Works has appointed ORT to advise and assist in the creation of direct labour road maintenance units in 18 states. The team is initially made up of eight specialists in training, civil and mechanical engineering.

TBRD
1987
Current

Rwanda

Transportation

The Highway Directorate of Rwanda and ORT have signed a four-year convention for the training of the staff of Public Works in heavy goods vehicle driving, civil engineering and in administration, (accountancy, secretarial work..). A four-man team of ORT experts has been there since the beginning of 1987. In 1988, the ORT team was expanded to six experts, and additional ORT responsibilities included Management services to the Directorate.

TBRD/UNDP
1986-1990
Current

Senegal

Agriculture

1. Under the plan of cooperation between Senegal and Switzerland, ORT is providing 30 specialists for the agricultural and technical training centres. This includes identification, procurement and installation of necessary equipment and teaching material and revision of curricula. Counterparts are being trained as instructors in agriculture, water and forest and animal husbandry. Many instructors have had previous experience at Lycée and University levels.

DDA
1977
Current

DDA
1986
Current

2. The project is an extension of the Senegalo-Swiss project for agricultural and forestry training and has led to the implementation of a section specialising in the training of Agents Techniques des Baux et Forêts.

IBRD
1986
Current

An ORT specialist in general finance and administration is supervising the management of funds provided by the World Bank to the Ministry of Education. The specialist will prepare the budget for the Fourth Education Project.

IBRD
1981-1987
Completed

In 1981 ORT was selected to implement a project which included the construction of a new training centre and the organization of Training Production Units.

USAID
1987
Current

ORT has been asked to design the rural road rehabilitation and maintenance element of a major project in Somalia, designed to improve the performance of local PVOs.

CIDA
1988
Current

Following a report by the Montevideo Health and Education Authorities, ORT Latin America designed and has begun setting up a network of Mother and Child/Artisan Training Centres in seven marginal boroughs of Montevideo.

CIDA
1988
Current

Given the successful implementation in Brazil of a seven-year project covering a training system based on the Distance Education concept, a similar project was designed for Uruguay by ORT Latin America at the request of the Montevideo Education Authorities. The project is designed to provide skills training to approximately 2,200 students over an initial three-year period.

USAID
1983
Completed

The aims of this project are to support the Government of Zaire's development objectives of self-sufficiency in basic foods and access to basic health services for the rural population, all of which is to be achieved through the management and allocation of a central umbrella fund in support of all project activities, upgrading local PVOs as viable development agencies, implementation of PVO sub-projects that conform to GOZ/USAID development strategies in three selected priority areas;

Education

Transportation

Transportation

Health, Education,
Nutrition

Education

Development
of NGOs

Somalia

Uruguay

Zaire

- a) operation and maintenance of Rural Outreach Clinics,
- b) rehabilitation and maintenance of Farm-to-market Access Roads and bridges, c) mini hydroelectrification for schools, hospitals and villages.

Nutrition

In the light of ORT recommendations, a project called "Food for Peace" began in June 1985. The framework for the selling of food and the distribution of milk in local hospitals has been set up and coordinated by the Head of Project.

USAID
1985
Current

The goal of this five-year project is to alleviate malnutrition among 50,000 children in the poorer areas of Kinshasa. Corn is imported, milled by a local PVO and distributed through a network of PVO health centres which have MCH (Mother & Child Health) components. The project is also funding the import of a US source extrusion plant to produce a low-cost weaning food, 90% of which is produced from local products.

Health, Education,
Nutrition

1. The aims of this four-year project are to provide educational services for children aged 3-6 years who live in the poor areas of Kinshasa which are not served by the city's social services. ORT will set up a central unit and 20 satellites where parents will be trained as pre-school educators.

CIDA
1988-1991
Current

2. In this three-year project, ORT was responsible for setting up central unit and nine satellite units in Katuba (Lubumbashi) where parents were trained as pre-school educators. On completion the project was handed over to the local authorities. ORT continues to monitor progress through regular visits to the project for a further three years (1988-1990).

CIDA
1985-
Current

Transportation

1. Following the completion of a previous project, an agreement was entered into by ORT providing for the creation of a Public Works Equipment Maintenance Service (SGMPT). This provides for the management, by ORT, of Zaire's principal road maintenance equipment pool (bulldozers, graders, trucks, etc) and the supervision of a road maintenance training brigade. Fourteen Regional Maintenance Centres, a spare parts depot, and ancillary facilities have been established.

IBRD
1975
Current

USAID
1983-1988
Completed

2. The Office des Routes has entrusted ORT with the management of Lubumbashi CFR (Regional Training Centre). To this end, three ORT specialists have been running this Centre while training their Zairian counterparts. Since March 1986, only one ORT specialist has remained as Advisor to the Head of the Centre. He left in June 1988.

IBRD
1984-1988
Current

3. ORT was asked by ONATRA to provide technical assistance in various fields:
 - strengthening the training management;
 - training of instructors;
 - preparing the necessary equipment list;
 - training in the harbour security field;
 - training in the railway telecommunication fields;
 - improving the technical equipment of the ONATRA schools.

IBRD
1986-1987
Completed

4. An ORT specialist was seconded to ONATRA at the end of 1986 to design the ONATRA training plan for 1986-1990.

IBRD
1987
Completed

5. Completion of a contract signed with ONATRA for the training in Europe of six executives from the Human Resources Department.

IBRD
1987
Current

6. After the preparation of the training programme, the RVM signed an agreement to send two specialists for two years. One will carry out the training phase, the other will be responsible for overall management of funds from the World Bank. The experts have been in place since April 1987.

USAID
1986-1988
Completed

7. ORT has been requested by USAID to assist in the upgrading of the road between Kikwit and Idiofa. Three specialists are in charge of an Office des Routes brigade for three years.

USAID
1986
Current

8. At USAID's request, ORT sent a two-man specialist team (road construction equipment maintenance) to Shaba in order to create a Unit for the rehabilitation of 3,200 km of roads and bridges. The two ORT specialists are based at Kasadji.

1. The OEL should be based on the following:

(a) The OEL should be based on the following:

(b) The OEL should be based on the following:

(c) The OEL should be based on the following:

(d) The OEL should be based on the following:

(e) The OEL should be based on the following:

(f) The OEL should be based on the following:

(g) The OEL should be based on the following:

(h) The OEL should be based on the following:

(i) The OEL should be based on the following:

(j) The OEL should be based on the following:

(k) The OEL should be based on the following:

(l) The OEL should be based on the following:

(m) The OEL should be based on the following:

(n) The OEL should be based on the following:

(o) The OEL should be based on the following:

(p) The OEL should be based on the following:

1983-1984

1985-1986

1987-1988

1989-1990

1991-1992

1993-1994

1995-1996

1997-1998

1999-2000

2001-2002

1. The OEL should be based on the following:

2. The OEL should be based on the following:

3. The OEL should be based on the following:

SURVEYS CARRIED OUT IN 1987 - 1988

FUNDING SOURCE

COUNTRY	SECTOR	DESCRIPTION OF ACTIVITIES	FUNDING SOURCE
Arabic	Transportation	A team of three CRT specialists undertook a survey into the rehabilitation of Autonomous Transport, repair facilities and training of personnel in Public Works in the provinces of Madia and Hama.	EC
Dominican Republic	Manufacture	CRT developed a survey into local industrial machinery designed to measure the needs for technical and material support by establish needs in equipment, personnel and material to order to strengthen the capacity of small and medium size enterprises.	USAID/ FUNDAPEL
Guatemala	Industry	CRT undertook a feasibility study for the creation of a training school for forestry technicians. The CRT division also provided project start-up capital and the establishment of a specialized budget for the school.	IDA
Indonesia	Industry	CRT and BIRTA signed an agreement with provision for an CRT consultant to carry out a short-term mission to Exar and advise the Head of Training of the CRT.	CISG/ HALCO
Dominican Republic	Water Supply	An CRT specialist reviewed the training needs of senior water supply staff in the water and Power Development Authority. A training programme in management and micro-computing was designed for 2,000 civil engineers.	EC
Burundi	Agriculture	CRT is currently surveying all human resources available for the rural development of the country. This survey will be followed by an assessment of the human resource needs in the year 2000 and will include recommendations for suggested training programmes.	IDA

APPENDIX 2

SURVEYS CARRIED OUT 1987 - 1988

APPENDIX 3

SURVEYS CARRIED OUT 1967 - 1969

SURVEYS CARRIED OUT IN 1987 - 1988

COUNTRY	SECTOR	DESCRIPTION OF ACTIVITIES	FUNDING SOURCE
<u>Angola</u>	<u>Transportation</u>	A team of three ORT specialists undertook a survey into the rehabilitation of Automotive equipment, repair facilities and training of personnel in Public Works in the provinces of Huila and Namibe.	EEC
<u>Dominican Republic</u>	<u>Education</u>	ORT conducted a survey into Vocational/Technical secondary education to assess trainee and curricular data and to establish needs in equipment, personnel and material in order to strengthen the response of education to the demands of employment.	USAID/ FUNDAPEEC
<u>Guinea</u>	<u>Agriculture</u>	ORT undertook a feasibility study for the creation of a training school for forestry technicians. The ORT mission also involved project start-up and the establishment of a provisional budget for the creation of the school.	DDA
<u>Pakistan</u>	<u>Industry</u>	ORT and HALCO signed an agreement with provision for an ORT consultant to carry out a short-term mission to Kamar and advise the Head of Training of the CBG.	CBG/ HALCO
<u>Senegal</u>	<u>Agriculture</u>	An ORT specialist reviewed the training needs of senior Water wing staff in the Water and Power Development Authority. A training programme in management and micro-computing was designed for 2,000 civil engineers.	EEC
		ORT is currently surveying all human resources available for the rural development of the country. This survey will be followed by an assessment of the human resource needs in the year 2000 and will include recommendations for suggested training programmes.	DDA

USAID

An ORT consultant studied the implementation of a roads project as part of a non-governmental organization project.

Transportation

Somalia

IBRD

An ORT consultant was part of an Identification Mission for an infrastructure project in Mogadishu, Kismayo and other towns.

Infrastructure

IBRD

An ORT specialist was part of an IBRD Identification Mission for a new Urban project in Mbabane and Manzini.

Urban Development

Swaziland

IBRD

ORT sent a specialist for a survey of the Office des Routes regarding the standardisation of the SCMP workshops. A document including all the technical procedures was prepared.

Transportation

Zaire

IBRD

An ORT expert was part of a World Bank Identification Mission to examine current staffing capacities of Urban Councils to undertake the operation and maintenance of urban services. The expert also examined rural district councils in the two provinces of Manicaland and Mashonaland. The specialist assessed the above institutions and prepared a draft outline for a manpower development strategy.

Urban Development

Zimbabwe

TRAINING PROGRAMMES IN AFRICA
1987 - 1988

TRAINING PROGRAMMES IN EUROPE

APPENDIX 3

1987 - 1988

Year	Employer	Funding Source	Number of Trainees	Duration of Training	Type of Training	Training Information
1987	C.B.C.	C.B.C.	13	9 months 2 years	Management Training	Administration / Industrial
1987	CAFOD (Zaire)	DFID	6	2 to 3 months	Training of senior staff in Human Resources	CBT Courses and Lectures, MBP.
1987	Public Works Department (Zambia)	DFID	4	2 to 3 months	Training of staff in Public Works sector.	MBP and courses in Plans and Industry.
1987	Public Works Department (Zambia)	DFID	4	2 to 3 months	Training of staff in Public Works sector.	MBP and courses in Plans and Industry.
1987	Office des Mines (Zaire)	DFID	1	3 months	English tuition and Project Management Training.	Language Studies and CBT London.

APPENDIX 3

TRAINING PROGRAMMES IN EUROPE

1987 - 1988

TRAINING PROGRAMMES IN EUROPE
1987 - 1988

Year	Employer	Funding Source	Number of Trainees	Duration of Training	Type of Training	Training Information
1987	C.B.G.	C.B.G.	13	9 months to 2 years	- Management Training	Aluminium Industries
1987	ONATRA (Zaire)	IBRD	6	2 to 3 months	- Training of senior staff in Human Resources.	OIT Geneva and London, EBTP.
1987	Public Works Department (Rwanda)	IBRD	4	2 to 3 months	- Training of staff in Public Works sector.	EBTP and courses in firms and industry.
1987	Public Works Department (Burundi)	IBRD	4	2 to 3 months	- Training of staff in Public Works sector.	EBTP and courses in firms and industry.
1987	Office des Routes (Zaire)	IBRD	1	3 months	- English tuition and Project Management Training.	Language Studies and OIT London.

Year	Employer	Funding Source	Number of Trainees	Duration of Training	Type of Training	Training Information
1988	Ministry of Education (Cameroon)	IBRD	3	2 months	<ul style="list-style-type: none"> - Management Training - Computer courses - English tuition 	Training centres in France and U.K.
1988	Ministry of Education (Cameroon)	IBRD	1	5 months	<ul style="list-style-type: none"> - Management Training - Computer course 	Slough College of H.E. ORT Resource Centre
1988	Ministry of Education (Cameroon)	IBRD	1	1 month	<ul style="list-style-type: none"> - Visiting ORT schools in France and the ORT Resource Centre in the U.K. 	
1988	C.B.G	C.B.G	11	9 months to 2 years	<ul style="list-style-type: none"> - Computer courses - Management training - Hospital training - Mechanical/Tech. courses. - English tuition 	Training centres in France and the U.k.
1988	P.A.N	P.A.N	3	3 months	<ul style="list-style-type: none"> -EITB Training Centre - Special Training Officer's centre - ORTAGRAPH 	Training centres in the U.K. ORT London.

Year	Employer	Funding Source	Number of Trainees	Duration of Training	Type of Training	Training Information
1988	Government of Liberia	ORT	4	5 months	<ul style="list-style-type: none"> - Training skills - Auto Mechanics - Machining, Welding - Metal Fitting - Automation - Robotics 	ORT Israel and various vocational training centres in Israel.
1988	ONATRA	IBRD	10	1 to 3 months	RESCHEDULED	TO 1989
1988	R.V.M	IBRD	6	6 months	RESCHEDULED	TO 1989

Country Type Name of Project Status

ALGERIA 200/77 Sugar & Milk Processing 200/77

ALGERIA 200/78 Milk Processing 200/78

ALGERIA 200/79 Staff Training 200/79

ALGERIA 200/80 Staff Training 200/80

ALGERIA 200/81 Staff Training 200/81

ALGERIA 200/82 Staff Training 200/82

ALGERIA 200/83 Staff Training 200/83

ALGERIA 200/84 Staff Training 200/84

ALGERIA 200/85 Staff Training 200/85

ALGERIA 200/86 Staff Training 200/86

ALGERIA 200/87 Staff Training 200/87

ALGERIA 200/88 Staff Training 200/88

ALGERIA 200/89 Staff Training 200/89

APPENDIX 4

ORT INTERNATIONAL COOPERATION DEPARTMENT

POTENTIAL PROJECTS AND PROPOSAL LIST

1988 - 1989

Country	Type	Name of Project	Status
ALGERIA	200/77	Sugar & Milk Processing	200/77
ALGERIA	200/78	Milk Processing	200/78
ALGERIA	200/79	Staff Training	200/79
ALGERIA	200/80	Staff Training	200/80
ALGERIA	200/81	Staff Training	200/81
ALGERIA	200/82	Staff Training	200/82
ALGERIA	200/83	Staff Training	200/83
ALGERIA	200/84	Staff Training	200/84
ALGERIA	200/85	Staff Training	200/85
ALGERIA	200/86	Staff Training	200/86
ALGERIA	200/87	Staff Training	200/87
ALGERIA	200/88	Staff Training	200/88
ALGERIA	200/89	Staff Training	200/89
ALGERIA	200/90	Staff Training	200/90
ALGERIA	200/91	Staff Training	200/91
ALGERIA	200/92	Staff Training	200/92
ALGERIA	200/93	Staff Training	200/93
ALGERIA	200/94	Staff Training	200/94
ALGERIA	200/95	Staff Training	200/95
ALGERIA	200/96	Staff Training	200/96
ALGERIA	200/97	Staff Training	200/97
ALGERIA	200/98	Staff Training	200/98
ALGERIA	200/99	Staff Training	200/99
ALGERIA	200/00	Staff Training	200/00

APPENDIX 4

OST INTERNATIONAL COOPERATION DEPARTMENT

POTENTIAL PROJECTS AND PROPOSAL LIST

1988 - 1989

PROPOSALS and POTENTIAL PROJECTS

Country	Type	Name of Project	Funded	CATEGORY	REMARKS	Sub-Date	COOR
ARGENTINA	EDUC/VT	Mother & Child Care Center	ECG/others	Leads	Approved by EEC. Additional funds being sought. To wait for follow up by Flidel.	Feb 88	TH CB
ARGENTINA	IND	National Institute of Industry	BANADE/IBRD	Funded			
BANGLADESH	EDUC/VT	USAID FSN Staff Training	AID	Funded	Report submitted to AID. OBT/WDC follow up. No action by USAID.	Nov 87	RG
BRAZIL	EDUC/VT	DISTANCE Education - Project	CIDA	Leads	New extension proposal for OBT Canada. Awaiting FEPASA response. Awaiting FEPASA response. Malajovich to follow up. Awaiting EFTSA response. Mr Pericles Bebello to contact OBT/SF.	May 88	TH
BRAZIL	EDUC/VT	SKILLS FORMATION	IBRD	Funded		Sep 87	TH
BRAZIL	TR	FEPASA Railway Rehabilitation	IBRD	Funded		Sep 87	TH
BRAZIL	TR	PORTORRAS	IBRD	Funded		Sep 87	TH
BRAZIL	TR	EFTSA Federal Railways	IBRD	Funded		Sep 87	TH
BRAZIL	EDUC/VT	Training Banco do Estado Rio	MIMAS GERAIS	Funded		Sep 87	CB
BUENIA	INFR	INFRASTRUCTURE Rehabilitation	IDA		Contract received. WB mission rescheduled.	Jun 88	HL
BURUNDI	AGR	Muyinga Agricultural Development	IBRD	Funded	CV sent. Awaiting GOB response.	Aug 88	DI
CAMBODIA	AGR	National Project of Agric. Training & Extension	IBRD	Funded	Ministry of Agriculture to send TOR when available. New TOR being prepared. Studies will commence by early 1989.	Oct 87	DI
CAMBODIA	EDUC	Education - Studies	IBRD	Funded		Jan 88	HL
CAMBODIA	EDUC/VT	Education - Maintenance of Equipment	EEC	Funded	Contract to be sent EEC Brussels.	May 88	HL

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PROPOSALS and POTENTIAL PROJECTS

Country Type Name of Project Category Sub-Date

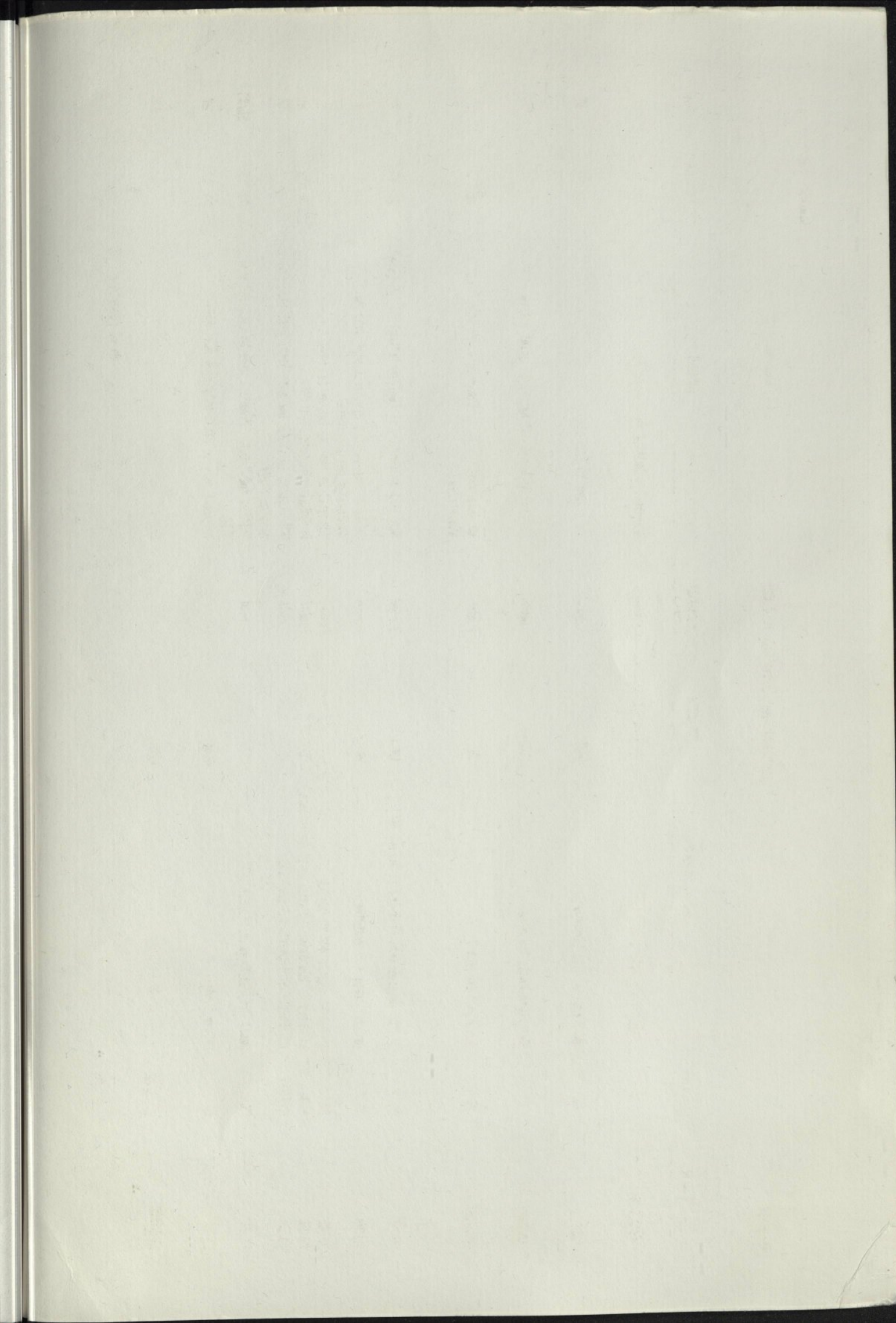
Country	Type	Name of Project	Funded	Category	REMARKS	Sub-Date
CAMEROON	AGE	Cocoa Rehabilitation	Funded	WB	Platevoet met SODECAO Representative.	
CHINA	EDUC/VT	SPARK	Funded	IBRD	SP/EG to follow up with IBRD/WDC.	
CHINA	EDUC/VT	High Technology Resource Centre	Funded	IBRD	Project proposal agreement signed May 88. OET resource to be est. Wuhan SSTCC	
COSTA RICA	AGE	Forestry	Funded	IDB	Government to send OET bidding details.	
DOMINICAN REPUBLIC	EDUC/VT	Vocational Training	Leads	AID	Proposal sent to AID/DR May 88. Study mission completed.	May 88
EGYPT	IBB	Water/Wastewater Plant Operations & Maint. Train.	Funded	AID	Proposal to be rewritten to RFP when issued. Delayed to 1989.	
EGYPT	EDUC/VT	Skills Training	Funded	AID	EG to contact WOOD Oct/Nov 1988.	
GHANA	TR	Transportation Project	Funded	IBRD/Ital Gov.	Temporarily on hold. Review Oct - 1988.	
GHANA	AGE	Cocoa Rehabilitation	Funded	IBRD	IH spoke to Cocoa Board Feb 88. Review Oct 1988.	
GHANA	TR	Feeder Roads Division	Funded	IBRD	Strang to follow up with FPD.	
GHANA	HEALTH	Mother and Child Health Programme	Funded	AID	Mrs Strang to pursue.	
GUINEA	AGE	Forestry School	Funded	DDA	Contract about to be signed. Project implementation for Oct/Nov 1988.	Jan 87

Country	Type	Name of Project	Funded	CATEGORY	REMARKS	Sub-Date	COORD
GUINEA	AGR	Agricultural Extension	IBRD	Funded	OET to be shortlisted Nov/Dec 88.		DI
GUINEA	TE	Road Training - MOPW	IBRD	Funded	Doneo to contact MOPW.		AT
GUINEA	TA	Hospital IGWACE-DEEN	EEC	Funded	Proposal submitted and waiting GOG decision.	Sep 88	DI
GUINEA	EDUC/VT	Post and Telecommunications		Funded	Meeting with Minister in Europe Sept/Oct 1988.		SF
GUINEA	EDUC	Administration Training (CPA)	AID	Funded	Proposal submitted for one OET specialist to be advisor to CPA Director.	Sep 88	DI
HAITI	EDUC/VT	USAID FSN Staff Development & Training	AID	Leads	Positive response. Commitment to fund. Waiting response of J. Zarr & AID/H.		RC
INDIA	TE	Railways	IBRD	Funded	OET has sent Capability Study to RITES.		IH
INDIA	EDUC/VT	Vocational Training Project I (Skills Development)	IBRD	Funded	LOI sent to Director of Training Giri June 88.	Dec 87	TM
INDIA	TR	Port Training - Nhava Sheva Manpower Dev. Study	IBRD	Leads	CS and Price Estimates sent to PORTTRAIN (UK) for shortlisting.	Nov 87	TM
INDONESIA	TR	Second Rural Roads Development	IBRD	Funded	Awaiting Bina Marga response.	Dec 87	IH
INDONESIA	EDUC	Higher Education	IBRD	Funded	Awaiting Department of Education and Culture response.	Dec 87	TM
ISRAEL	EDUC/VT	West Bank Training Programme Al-Bir Tec. School	EEC/NOVIB	Leads	Project document sent to Jericho Nov 87. Proposal sent to NOVIB July 88.		SF
IVORY COAST	URB	Urban Training	USAID	Funded	TOR to be written in order to have first seminar by Jan. 1989.	Jul 88	HL

7-Dec-88

PROPOSALS and POTENTIAL PROJECTS

Country	Type	Name of Project	Funded	CATEGORY	REMARKS	Sub-Date	COOR
SWAZILAND	AGR	Cooperative Villages	Gov/BEC/LA/CIDA	Non-Funded	Proposal submitted for financing.	Jun 87	DI
TOGO	IND	Road Maintenance (Transroute)	EEC	Funded	CV's sent to Transroute.	Jan 89	AT
UNSPECIFIED		Caribbean Basin Training	CDC/ORT	Leads	Control Data and ORT agreed on joint action programme.		EG
URUGUAY	TR	Transport Project I	WB	Funded	EG following up. C. de Grunberg to contact Uruguay ministries.	Sep 88	AT
ZAIRE	TR	ONATEA participants training in Europe (10)	IBRD	Funded	New list in process of implementation; ORT proposal to be sent to ONATEA.	Sep 88	HL
ZAIRE	TR	ONATEA - Computer Training	IBRD	Funded	Revised proposal and amendment sent June 88. Candidates being selected.	May 88	HL
ZAIRE	TE	TECHNICAL ASSISTANCE TO ONATEA	DAD	Funded	TOP will be sent to London in March - April 1989.		HL
ZAIRE	EDUC	Ministry of Education "Enseignement Superieur"	IBRD	Funded	Proposal submitted 31/10/88.	Oct 88	HL
ZAIRE	EDUC/VT	FSN Staff Development and Training	AID	Leads	GOZ request to USAID for more local participation in Mission Staff.		CE
ZAIRE	IND	Small Project Support Project	USAID	Funded	Waiting for T.O.R. Proposal will be prepared with VITA.	Oct 88	HL/EG
ZAIRE	TR	Feeder Roads/KIVU	CIDA	Funded	Proposal sent to CIDA. CV's sent Nov. 1988.	Dec 88	AT
ZIMBABWE	URE	Second Urban Project	IBRD	Funded	UH to follow up.		UH



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