

**GUIDE TO CANADIAN RESOURCES FOR
SHELTER IN DEVELOPING COUNTRIES**

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IN DEVELOPING COUNTRIES**

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INTRODUCTION

The United Nations Centre for Human Settlements estimates that across the world...

- **100-million people are absolutely homeless.**
- **One billion people are inadequately housed.**
- **Half to three quarters of city dwellers live in slums or shantytowns.**
- **50% of developing country populations will be urbanized by the Year 2000.**
- **50,000 per day die of slum related conditions.**

These data relate to conditions in developing countries but increasingly many countries in the North are encountering similar categories of social catastrophe if at a lower scale.

Rough figures such as these have human faces and it is mostly children, women and the aged who suffer from Third World shelter conditions. Hidden in these numbers are the many tens of thousands who are forcibly and often brutally evicted from their homes.

In recognition of the lingering and enormous global shelter crisis, the United Nations declared 1987, the International Year of Shelter for the Homeless, IYSH. It was an opportunity to renew commitment to establishing shelter as a basic right and to support initiatives undertaken by the poor and homeless themselves.

Many concerned Canadians began to work more closely together during 1987 and following a major IYSH Conference in Ottawa, an **Agenda for Action on Housing and Homelessness of the Year 2000** was prepared. Efforts are underway to form local, regional and national coalitions to press for solutions to Canada's persistent housing problems and to promote increased Canadian support to shelter programs in developing countries.

As a contribution to the International Year of Shelter for the Homeless, Rooftops Canada Foundation undertook to compile this **Guide to Canadian Resources for Shelter in Developing Countries**. This **Guide** has three objectives. First, it provides an overview of the non-government, academic and professional organizations that are involved in Canada's efforts to meet the challenge of Third World shelter. Second, it can facilitate the formation of working partnerships between Canadian and developing country organizations and institutions. Third, it should assist Canadian groups to form coalitions and consortia capable of providing the necessarily integrated skills and experience for successful collaboration with overseas partners.

Rooftops Canada Foundation is a non-profit organization whose members live and work in co-operative housing organizations across Canada. Rooftops Canada is the development activity of the Co-operative Housing Federation of Canada, the national organization of Canadian housing co-ops. Its main activities are to better inform Canadians about housing issues in developing countries, and to provide assistance to community based shelter projects and programs overseas.

With assistance from the Canada Mortgage and Housing Corporation (CMHC) and the Canadian International Development Agency (CIDA), Rooftops carried out a number of IYSH related activities in 1987/88. These included publicizing IYSH through the distribution of a news bulletin, producing a **Catalogue of Canadian Housing and Shelter Organizations**, and supporting IYSH demonstration projects in developing countries. This **Guide** is another aspect of this program.

To put the Guide in context, this introductory section provides an overview of Canadian overseas development assistance and its relation to human settlements and shelter. This is followed by a section on compiling and using the Guide. Further details on Canadian assistance as it applies to non-government organizations, academic institutions and professional resources are provided in each of the three main sections of this Guide.

Canadian Overseas Development Assistance and Human Settlements (1)

In 1988, the Canadian government adopted a striking new overseas development assistance (ODA) charter as stated in the **Sharing Our Future** report prepared by the Canadian International Development Agency, CIDA. This charter commits its development program to the four basic principles:

1. Putting poverty first by helping the poorest countries and the poorest people.
2. Helping people to help themselves in solving their own problems in harmony with the natural environment.
3. Development priorities rather than foreign policy priorities must prevail.
4. Partnership is the key to fostering and strengthening links between Canadian and Third World people and institutions.

Six development priorities are identified:

1. Alleviation of poverty as reflected in poor health, absence of family planning, inadequate nutrition and education, unemployment and underemployment and non-participation in decision making.
2. Structural adjustment of the economy and the debt position but with sensitivity to social and economic effects of adjustment.
3. Increased participation of women.
4. Environmentally sound development.
5. Food security.
6. Energy availability.

To these principles and priorities are added important eligibility requirements of which a central consideration for exclusion is a human rights criterion.

CIDA's new strategy divides Canada's assistance program into two parts, each having half the ODA budget. Of the 49% for the Partnership Program, 11% supports Canadian and international partners such as universities, labour unions, co-operatives, professional, non-government and private sector organizations. 31% is for multilateral technical co-operation and food aid, and international financial institutions. The balance is channelled through four development institutes of which the International Development Research Centre is the most directly concerned with human settlements.

The National Initiatives Program uses 47% of the ODA budget for bilateral assistance to programs and projects, food aid, humanitarian assistance and scholarships. The balance of the ODA budget is for administration which is to be substantially decentralized to the field. (2)

The above framework taken as a whole marks a significant point of departure for attacking the human settlements and shelter crisis. It is further reinforced by CIDA's general endorsement of the report of the World Commission on Environment and Development which speaks effectively to the issues surrounding urbanization, shelter and human settlements.

Some more specific direction can be drawn from some very promising potentials based on new economic and organizational models, which have developed under different conditions both in the Third World and in Canada. The options developed in these approaches make it much more possible to follow the principles of **Sharing our Future**.

The essence of these approaches to the creation, maintenance and development of human settlements is the collective self-help principle. It recognizes the fact that most people shelter themselves, however precariously. They struggle to occupy land, and with no access to credit or other formal avenues of assistance build their homes and communities, urban and rural. People form community based organizations or CBOs to work together. Allied with these are an array of support organizations and individuals. The usual major support is from non-governmental organizations or NGOs which may be indigenous, external, or both. Technicians or professionals, in NGOs and individually, provide direct assistance. Their function and relationship is significantly different from "normal". In this development context they must adapt to the discipline of appropriate materials, appropriate techniques, and above all to the organizational relationship characterizing the collective form. For most professionals the experience is be one of reprofessionalization.

This general model may be found in the urban areas of virtually every developing country whether it be in the slums of Bangkok, the favelas of Sao Paulo, the poblaciones of Santiago, or the musseques of Luanda. Many well-documented case studies in these and other locales were prepared and publicized during the International Year of Shelter for the Homeless, 1987.

Depending on the country these structures of organization and development have very different relationships to the state, but none are completely detached or untouched. In all cases continued growth requires an appropriate and supportive state system related to issues such as land, infrastructure, economic development opportunities and environmental improvement and maintenance. This thrust is embodied in the **Global Strategy for Shelter to the Year 2000** which was adopted by the U.N. General Assembly in 1988. The **Strategy** develops the concept of a state "enabling" role.

In most contexts the first level of state connection to the NGO/CBO structure is local government, but it must be local government with resource capacity and a sensitive commitment to the integrity of the non-governmental sector. Traditional forms of local government are often not appropriate .

In rural areas, a very similar model is being applied to assert access to productive land to build essentially rural self-reliant human settlements and to re-establish harmony with nature.

Relevant Canadian Experience

Compiling this Guide confirmed that there is limited Canadian experience in Third World shelter. It has been a low priority among both government and non-government agencies. NGOs generally

have limited their activity to post-disaster situations, some work on water projects or as a secondary aspect of community and village development programs. Only a handful of groups specialize in shelter and even among these it is not always well understood. A small number of academics undertake research, training and consulting activities. These range from improving brick technology in Tanzania to developing low-income housing policies in Pakistan. With a few notable exceptions, consultants take on large projects such as master plans, water and sewer infrastructure, and more expensive housing. Others have successfully reprofessionalized their practice as suggested above.

Even though there has been little experience, it includes some very good and innovative projects. Most of these have had at least partial support from CIDA. The best of these, including the work of several small consultancies, respond to the emerging models described above by involving the active participation of people and communities in shelter programs. A case study report prepared by the Royal Architectural Institute of Canada indicates that the majority of these have Canadian and local NGO assistance.⁽³⁾ Given the usual difficulty in funding the "soft" aspects of human settlements development, it is notable that there has been some support for training and networking activities in various regions. CIDA has also been very supportive of the United Nations Centre for Human Settlements which was established following the Vancouver Habitat Meetings in 1976.

Generally however, Canada has followed the trend among major donors in limiting its overall funding commitments to developing country shelter and human settlements. In part this reflects the general disregard for human settlements, physical and environmental planning in both donor and recipient countries. More specifically, shelter and housing are seen as expensive and as something that follows from development rather than contributing to it.

Attempts to deal with Canadian domestic housing problems reinforce the views outlined above of both the housing problem and of appropriate directions for external assistance. Over the last forty years, domestic housing policies have been primarily aimed at the private market sector. Yet there are still persistent housing affordability and homelessness problems.

The Canadian response to these continuing housing concerns has been to support a range of non-profit housing alternatives such as municipal housing and co-operatives. Increasingly, the delivery of this "social housing" has become the almost exclusive domain of local government and non-government agencies. There are dozens of technical resource groups across the country that develop new housing. Some of these have built thousands of housing units. There are also hundreds of local housing groups, shelters, housing co-operatives, and community based housing information centres.

This experience has led to policies that recognize the need for a non-profit housing sector, the need to support local initiatives and the vital role of non-government agencies. It is important to apply the relative success of Canadian domestic approaches to NGO, bilateral and multilateral aid activities.

The acceptance of citizen participation in policy and planning is another complementary and equally important development. This emerged in the 1960s in response to "urban renewal" which all too often meant "urban removal" as residential areas were demolished for highways and office towers. Community participation in urban and environmental planning processes is now a legal requirement in many jurisdictions. Without imposing Canadian solutions, the need for local democracy must be stressed in the face of the repressive and corrupt civic politics evident in all too many aid recipient countries. It is an essential element if "enabling strategies" and "self-help" policies are to be effective and truly responsive to people's needs and environmental concerns.

The adoption of complementary policy approaches to human settlements assistance also requires commitment and capacity to act. An environment for action was created when Canadian International Year of Shelter for the Homeless activities succeeded in interesting many more Canadians in developing country human settlements problems. This was very evident at a major IYSH Conference in Ottawa and from a program linked to the Conference which brought Third World housing activists and professionals to Canada. Subsequent to the Year, fifteen national housing and anti-poverty groups prepared a **Canadian Agenda for Action on Homelessness and Housing to the Year 2000** which stresses the need for increased commitment to Third World shelter.

Responding to the Human Settlements Crisis: A Canadian Vision?

As described above, there is a well documented optional development model related to human settlements that exemplifies an effective response to the current set of Canadian ODA policy targets and principles. As such it provides increasingly a feasible option for the application of Canada's aid resources.

More specifically, there is an urgent need to significantly increase the flow of international resources to tackle the unfolding human settlements crisis. What then are alternatives for increased Canadian assistance?

In the first instance, human settlements, housing and shelter must have a much higher profile in development assistance activities. It is probably too much to expect that urbanization, environment and shelter will become primary, but higher status can be achieved in relation to macroeconomic policies.

Further, assistance in the development of national shelter strategies must reflect regional and local concerns. Urban and rural policies should be complementary. Citizen involvement at all levels must be seen as a necessary part of policy formulation if the self-reliance programs endorsed by CIDA, UNCHS and other agencies are to be successful.

Unfortunately, in many developing country contexts, it is necessary to also insist that social justice in the form of participation, democracy and respect for the human rights of housing and community activists be implemented as essential preconditions to receiving assistance. CIDA's renewed emphasis in this area should be coupled with increasing support to non-government and community organizations in developing countries.

As pointed out, local NGOs are both efficient and sensitive agents for program implementation. These NGOs require ongoing program support to develop human and institutional capacities. Continuing resources are also needed to allow NGOs to share their experiences through regional networking, joint research and training programs. Global NGO networks such as the Habitat International Coalition and its regional affiliates represent an important avenue for this type of support. Continuing and increased funding to the UN Centre for Human Settlements should also be related to its actions to support NGOs.

Enhancing the political, institutional and financial capacity of local government is seen as a key element in the response to the human settlements crisis. This must include both urban and rural areas, and aspire as much to democracy as to efficiency. In all too many formulations, improving local management has come to mean training upper level personnel in large cities and equipping them with the latest electronic systems. Canadian support must also be directed to establishing open and democratic local government with people committed and capable of working closely

with NGOs and communities. Again this would reflect Canadian experience in housing, community development and neighbourhood planning. An existing CIDA funded program which twins Canadian municipalities with Third World ones could offer opportunities to test partnerships between local governments and NGOs.

Within the context of establishing more receptive policy and institutional frameworks, the need for improved housing and shelter for the poor remains to be addressed. The main blockage in most urban and rural cases is access to secure land tenure. That the poor, often the majority, are forced into "illegal" land occupation begs the question of what is legal.

Canadians must insist on strong government intervention, recognizing that this may not be easily forthcoming where local elites benefit from present landownership structures. At times, direct support to NGOs and CBOs may be required so that they can consolidate land occupation as a step to "legalization". Interventions to increase the supply of cheap, well-serviced land accessible to work and other services may succeed in some contexts. At the same time, it should be recognized that policies designed to create more efficient land markets may not benefit the poor. Programs to improve land registries can easily backfire when the poor are evicted by the newly registered land owners. Instead, support should be given to approaches that recognize the potential for community stewardship of land and resources.

If land tenure can be secured, local governments will also be required to provide basic physical and social infrastructure. New legislative and regulatory frameworks such as affordable building codes and co-operative housing acts may be needed. Specific housing and shelter programs should be oriented to improving living conditions in existing settlements by supporting local decisions and initiatives. This will also require increased and carefully targetted development assistance .

It would obviously be very costly to build a house using aid money for every homeless family in the developing world. Instead, assistance can build up the shelter systems already in place. This would include, mobilizing local credit, training local expertise, establishing building materials production, and so on. Small investments will multiply, produce local industries and jobs, people will be sheltered and all of this will contribute to local economic development. There is evidence that housing for the poor is the most beneficial to local economies, using local materials and few imports.

Two final components are required to proceed with the policy and program directions suggested above. First, we must generate and sustain commitment to these directions.

Second, Canadian capacity to promote and implement human settlements and shelter programs must be enhanced. The most rapid way would be to create opportunities to involve interested Canadians who have a lot of domestic experience. This should be done in a way that exposes them to critical Third World human settlements and environment policy issues and responses. An effective means would be to support partnerships among Canadian planning and housing organizations, academic institutions, professionals and development NGOs, matching domestic and overseas experience. These partnerships would in turn work with counterparts in developing countries. Components of such a program would also include workshops, training seminars and materials, networking, exchanges with Third World partners and joint overseas project implementation.

Compiling and Using this Guide

Following the emerging strategies at the global level, this Guide focusses on organizations which

are non-governmental. These are broadly categorized as non-government organizations, academic institutions and professional organizations. The introductions to each section provide further definitions, but one distinction is worth noting here.

Traditionally, the development community in Canada, has used the term "NGO" or Non-Government Organization to designate those Canadian organizations concerned with overseas activities. In the global vernacular, NGOs are defined much more broadly to include organizations that act either domestically and/or internationally. Generally NGOs are considered to provide technical, financial, organizational or other support, to community based organizations or CBOs. In Canada, much of the non-profit "social housing" is developed by such NGOs or technical resource groups. There are also hundreds of local housing groups, shelters, co-operatives, community counselling and information centres which are in effect CBOs.

As a result of IYSH, many domestic NGOs and CBOs have become more interested in sharing their experience and expertise with partners in developing countries. Several of these organizations have formed a coalition called **Shelter for the Homeless Foundation** to support Third World shelter activities. It includes major national non-government and professional organizations that now focus almost exclusively on Canadian housing concerns. Increasingly in Canada, such groups and groupings are becoming known as "NGIs" or "Non-Government Institutions" to distinguish them from development oriented NGOs. As noted above, the **Sharing Our Future** report on Canada's overseas development assistance emphasizes the potential for involving Canadian NGIs in effective international partnerships.

To compile this Guide, registration forms were mailed to all NGOs listed by the Canadian Council for International Co-operation, to over 300 consultants, and to all community colleges and universities in Canada. Two mailings covered over one thousand organizations. A third registration package in French was sent to groups in Quebec. Organizations listed in a recently published U.N. catalogue and those listed by the RAIC were followed up by telephone, as were others known to be working in Third World shelter.

It was decided to only list organizations that specifically agreed to be included in the Guide. A few indicated that they were already too busy to field any additional inquiries. The Guide also only includes organizations that have some overseas experience or were very actively seeking such opportunities. Inexperienced organizations indicating only a very general interest are not included.

Despite Rooftops Canada's own interest in supporting the emerging model of housing development described above, no other criteria were applied. Rather, it is hoped that new Canadian experiences will emerge reflecting these directions. An objective of the Guide is to encourage the formation of working partnerships among Canadian and developing country organizations that will lead to sharing skills in more integrated and community based responses.

Individual listings in the Guide are designed for quick scanning of each organization's purpose, types of assistance offered and specialization. Project descriptions, resources and publications provide further basis for deciding whether to contact a particular organization.

All organizations listed have agreed to be contacted. They are the conduit for many Canadian ODA programs and it is recommended that overseas users of the Guide contact listed organizations as a step to accessing such programs. Rooftops Canada is prepared to assist if another appropriate partner is not readily identifiable in the Guide.

Acknowledgements

The authors of this Guide would like to acknowledge the assistance of the Canada Mortgage and Housing Corporation which provided the funding to undertake this project and many other parts of Rooftops Canada's IYSH program. We are also grateful for the Corporation's patience in the face of a much more formidable task than first anticipated.

We also wish to acknowledge the support of the Canadian co-operative housing movement for Rooftop's activities. The Co-operative Housing Federation of Toronto has played a particularly important role in providing a home for Rooftops Canada.

Thanks are also due to those who assisted in compiling the contact lists for this Guide, especially Mitzi D'Souza who co-ordinated this task. Thanks also to: Anna Dunets and John van Nostrand & Associates; Fred Dawes, Head, CIDA Human Settlements Sector; and the Canadian Council for International Co-operation.

Finally, many thanks to the organizations which responded to our questionnaires and persistent follow-up. We hope that this Guide will contribute to increasing the capacity of all of us to respond to the pressing shelter needs in the developing world.

Toronto 1989

(1) This section was written by Barry Pinsky. Parts of it are adapted from Meyer Brownstone & Barry Pinsky, **CIDA and Sustainable Development: A Response to the Human Settlements Crisis**, prepared for the Institute on Research on Public Policy, Ottawa, 1989.

(2) The ODA charter and program breakdowns are from **Canadians and International Development: An Overview of Canada's Official Development Assistance**, CIDA, Ministry of Supply and Services Canada No.0-662-55874-X, 1988.

(3) RAIC Canada and Chreod International, **Canadian Contributions: Case Histories of Shelter-Related Initiatives Relevant to Developing Countries**, 1987.

1.0 NON-GOVERNMENT ORGANIZATIONS AND INSTITUTIONS (NGOs AND NGIs)

This section lists 37 non-government organizations, NGOs, and non-government institutions (NGIs) involved in developing country shelter. (The distinction between NGOs and NGIs is explained in the Introduction.) Many of these groups are members of the Canadian Council for International Co-operation, CCIC, a national umbrella group based in Ottawa. A listing of over 300 organizations active in all areas of development can be ordered from the Council at 1 Nicholas Street, Suite 300, Ottawa, Ontario, Canada K1N 7B7.

NGOs draw on a wide range of overseas development assistance programs but they primarily work through CIDA's NGO Division. Most of these programs require a financial contribution by the NGO which is then matched by CIDA. CIDA matching funds may equal, double or be several times the NGO contribution depending on the program. A group of NGOs together make up the Relief and Rehabilitation Committee of CCIC. This Committee administers a CIDA matching fund which has been drawn on for many housing projects in a relief context. Another joint CCIC and CIDA program, Partnership Africa Canada, provides a specific focus on links between Canadian and African NGOs.

NGIs can also assist in gaining access to a variety of CIDA programs but they primarily work with the Institutional Co-operation and Development Services Division of CIDA. This Division responds to requests from the co-operative, professional and academic sectors. As mentioned in the Introduction to the Guide, a coalition of Canadian housing groups called **Shelter for the Homeless Foundation** has approached this Division for ongoing assistance. The coalition acts as an umbrella to encourage shelter related partnerships. Both NGOs and NGIs also draw on bilateral funds for large programs and projects.

Of the organizations listed in this section, only ten can be considered to have a major focus on shelter. Four of these ten are quite new and have limited experience. The one with the largest program is the Federation of Canadian Municipalities (FCM) which represents local governments across Canada. Much of the FCM's funding is through CIDA's Management for Change program. The total activity of the remaining non-government groups focussed on shelter is modest by comparison.

Shelter is a minor component of the work of the other groups. It is usually related to relief or set in the context of village and community development. Two organizations focus on information work. One of these is the UNCHS Information Office for North America and the Caribbean. It is not an NGO or NGI, but does provide important service to NGOs and NGIs in the Caribbean.

1.1 AIDE MEDICALE INTERNATIONALE A L'ENFANCE (L'AMIE)

100, 4ème Avenue, C.P. 282
La Pocatière, Québec G0R 1Z0
Telephone: (418) 856-4082
Contact Person: Madeliene B. LeBlanc, Executive Director

PURPOSE/ OBJECTIVES	<p>L'AMIE provides child sponsorship and community development services, mainly in the areas of health, shelter and literacy. L'AMIE is well aware that, too often, assistance gives rise to many problems to the detriment of the beneficiaries. To prevent these problems, l'AMIE pursues specific objectives:</p> <ul style="list-style-type: none">- to limit its aid so that beneficiaries are able to acquire knowledge and put it into practical application- to value the local resources and the work of people on the spot and encourage them to surpass themselves and to overcome poverty- to avoid undermining the existing traditional structures- to publicize the plight of Third World children.		
FOUNDED	1969	INCORPORATION	1975
ASSISTANCE	- Financial: direct or helping to access funds		
SPECIALIZATION	- Water Supply/Sanitation - Community/Education Facilities - Community Development		
LANGUAGES	English, French, and Spanish.		
COUNTRIES	The organization has worked in Ethiopia, Sri Lanka, Haiti, Dominican Republic, Peru, Philippines, Honduras, and 15 other Third World countries.		
PROJECTS	<p>I Goudar Water Program, Ethiopia, 1987-1988. Provided financial aid for the protection of wells and natural springs. This project was done in conjunction with Canadian Physicians for Aid and Relief (CPAR).</p> <p>II Rain Water Tanks, Honduras, 1988-1991. The project involves the building of large reservoirs at the foot of hills to capture rain water to irrigate grain fields during drought seasons. L'AMIE provides financial aid for the construction of these reservoirs.</p> <p>III Training For Health Collaborators, Haiti, 1988. Financial aid was given for the training of people to provide basic health education in their own villages. This project was carried out in conjunction with the Canadian Centre for International Studies and Co-operation (CECI).</p>		

1.1 L'AMIE con't

FUTURE PLANS

In the future mostly projects concerning children's health and education will be selected.



1.2 CANADA WORLD YOUTH

2330 ouest, rue Notre-Dame 3^e étage
Montréal, Québec H3J 1N4
Telephone: (514) 342-6880
Contact Person: Jacques Jobin

PURPOSE/ OBJECTIVES	Canada World Youth supports small-scale self-help projects in their present or ex-partner nations. These projects could be in the area of shelter as this is of benefit to women and youth.
FOUNDED	1971
STAFF	Total: 194 Canada: 35 Overseas: 159
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Material support: equipment, resource materials, etc.- Training overseas- Technical assistance, co-operation and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Water Supply/Sanitation- Co-operative Development- Community Development- Appropriate Technology/Building Materials
LANGUAGES	English, French, Spanish, and some local languages, depending on the availability of past Canada World Youth staff who have these skills.
COUNTRIES	Canada World Youth has worked on shelter projects in Dominican Republic, Colombia and Guatemala. They are interested in working in any of their past or present exchange program partner countries.
PROJECTS	Housing Improvement Project, Dominican Republic, 1983-1985. Two projects in two years in two separate villages. Housing improvement included a new floor and roof and the installation of privies and leaching pits. Canada World Youth supplied funds for materials and monitored the progress of the construction. Construction was done by beneficiaries. The organization worked in conjunction with the Office of Community Development and received funding from Oxfam Quebec.
FUTURE PLANS	Shelter is seen as an aspect of community development projects not an end in itself. Projects could include a shelter component.

1.3 CANADIAN CATHOLIC ORGANIZATION FOR DEVELOPMENT AND PEACE (CCODP)

3028 Danforth Avenue
Toronto, Ontario M4C 1N2

211, rue Centre
Montréal, Québec H3K 1J5
Telephone: Toronto: (416) 698-7770 Montréal: (514) 932-5136 Telex: 06-22990
Contact Person: Jack Panozzo (Toronto)

PURPOSE/ OBJECTIVES

In Canada, CCODP promotes international solidarity and co-operation through a program of education, animation and information. They also provide support for socio-economic development projects in the Third World.

FOUNDED

1967

STAFF

Total: 68 Canada: 68

ASSISTANCE

- Financial: direct or helping to access funds
- Material Support: equipment, resource materials, etc.
- Research and information
- Upgrading/Sites and Services
- Water Supply/Sanitation

SPECIALIZATION

- Co-operative Development
- Community Development

LANGUAGES

English and French

COUNTRIES

CCODP has experience in Algeria, Argentina, Bangladesh, Benin, Bolivia, Botswana, Brazil, Burkino Faso, Cameroon, Cape Verde, Chile, Colombia, Costa Rica, Djibouti, Dominican Republic, Ecuador, Egypt, El Salvador, Ethiopia, Ghana, Guatemala, Guinea, Guinea-Bissau, Haiti, Honduras, India, Indonesia, Iran, Ivory Coast, Kenya, Lebanon, Lesotho, Madagascar, Malawi, Malaysia, Mali, Mauritania, Mauritius, Mexico, Mozambique, Namibia, Nicaragua, Nigeria, Pakistan, Panama, Paraguay, Peru, Philippines, Rwanda, Senegal, Sierra Leone, South Africa, Sri Lanka, Sudan, Syria, Thailand, Togo, Uganda, Uruguay, Venezuela, Vietnam, Zaire, Zambia, and Zimbabwe.

PROJECTS

I KwaNdebele, South Africa, 1980-Present.

Development and Peace helps support the Southern African Catholic Bishops Christian Development Education (CDE) program launched in 1980. The program started out offering short courses to raise awareness of the South African situation. The focus then shifted to the those individuals most disadvantaged who were asking for projects which would free them from the oppressive conditions in which they lived. CDE is now involved in literacy programs, savings and credit unions, vegetable gardens, and child care programs.

1.3 CCODP con't

II Maydolong Community Plan, Philippines.

There are 13 barrios surrounding Maydolong. The first year of the program was geared toward bringing people of each barrio together, identifying potential leaders and establishing community-based organizing committees at the local level. These committees discussed problems, solutions, and plans for future actions. Several communities have their own development groups matching the program to local needs. Financial support was provided by Asia Partnership for Human Development, the organization through which Development and Peace supports projects in Asia.

III Machakos Small Family Water Tanks Project, Kenya, 1979-1983.

1,200 families built water-holding tanks, or reservoirs to serve their needs. Development and Peace provided a grant of \$60,000 and each village community was responsible for arranging additional funds if needed. This project was done in partnership with the Catholic Diocese of Machako's Office of Development. In order for the project to be accepted by the Diocese the entire community must be in agreement with the proposed water tank installations. The Diocese did not respond to individual requests.

1.4 CANADIAN CO-OPERATIVE ASSOCIATION

275 Bank Street Suite 400

Ottawa, Ontario K2P 2L6

Telephone: (613) 238-6711 Telex: 053-4406

Contact Person: Gerald V. Schuler, Director International Affairs

PURPOSE/ OBJECTIVES

The Canadian Co-operative Association is a national association of English speaking co-operative and credit union organizations. The CCA's international program mandate is to improve the economic and social conditions of people in developing countries through active partnerships, for mutual benefit, with organizations that function as co-operatives in accordance with the universal principles of the world-wide co-operative movement.

FOUNDED

1909, 1947-International activities initiated

STAFF

Total: 28 Canada: 16 Overseas: 12

ASSISTANCE

- Financial: direct or helping to access funds
- Material support: equipment, resource materials, etc.
- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- *Links to Canadian co-operative organizations*

SPECIALIZATION

- Low-cost Housing
- Co-operative Development
- Economic Development
- *Financial Institution Building*
- *Women and Credit Programs*

LANGUAGES

English, French, Spanish and Bahasa Indonesian.

COUNTRIES

The CCA has shelter project experience in Eastern and Southern Africa, and India, and is interested in working in Latin America, Asia, and Caribbean.

PROJECTS

I Settlements Information Network Africa (SINA),

Southern and Eastern Africa, ongoing since 1984.

SINA provides support for national and regional training workshops, exchange visits, bulletins and publications to encourage the growth of shelter related co-operatives. CCA has provided funding, technical assistance in carrying out workshops, project monitoring and evaluation in partnership with Mazingira Institute, Nairobi, and Rooftops Canada Foundation.

II Co-operative Housing Development, Kenya, 1987-ongoing.

CCA is providing funding and technical assistance to implement training programs and set up a revolving short-term housing finance facility. The project supports the National Co-operative Housing Union of Kenya with assistance from Rooftops Canada Foundation.

1.4 CCA con't

III Mangalore Rolling Society Credit Union, Karnataka State, India, 1985-ongoing.

Through the formation of a credit union, loans have been provided to villagers for the construction of hygiene facilities, digging wells, home improvements and income generating activities. CCA has provided funding with development assistance from St. Joseph's Seminary in Mangalore. The credit union is linked to the District Four Credit Unions in the Canora area of Saskatchewan. They have also raised funds for the project.

FUTURE PLANS

Support to shelter related co-operatives will continue to be a minor but significant component of CCA's international program undertaken through Rooftops Canada. Emphasis will be on assistance in the development of national and regional co-operative organizations, and support to the growth of independent and self-reliant co-operatives.

1.5 CANADIAN EXECUTIVE SERVICE ORGANIZATION (CESO)

415 Yonge Street Suite 2000

Toronto, Ontario M5B 2E7

Telephone: (416) 596-2376 Telex: 06-23583 Telegram: CANEXSO

Contact Person: Clare Bonnell, Director of Operations, Overseas

PURPOSE/ OBJECTIVES	CESO provides person to person technical and managerial advice to organizations from the public and private sectors.
FOUNDED	1967
STAFF	Total: 75 Canada: 29 Overseas: 46
ASSISTANCE	- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Transportation- Co-operative Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Economic Development- Construction- Finance
LANGUAGES	English and French
COUNTRIES	Shelter experience in South America, Central America, East Africa and South East Asia. CESO is interested in working in any of the forty-seven countries where CESO has a program: Antigua, Bangladesh, Barbados, Bolivia, Brazil, Cameroon, Chile, China, Colombia, Costa Rica, Cote D'Ivoire, Dominica, Dominican Republic, Ecuador, Egypt, El Salvador, Grenada, Guatemala, Guyana, Haiti, Honduras, India, Indonesia, Jamaica, Kenya, Lesotho, Malawi, Malaysia, Morocco, Nepal, Nicaragua, Panama, Papua New Guinea, Peru, Philippines, Senegal, Singapore, Sri Lanka, St. Kitts-Nevis, St. Lucia, Swaziland, Thailand, Togo, Trinidad & Tobago, Uruguay, Vanuatu, Western Samoa, Zaire, Zimbabwe.
PROJECTS	<p>CESO provides short term volunteer consultants, paying airfares, and administering the projects in Canada:</p> <p>I Marketing Strategy for Wood-frame Housing Industry, Chile, 1987. The volunteer consultant recommended several practical ways to capture new local markets for the use of wood in housing construction. He suggested different methods in order to obtain the maximum use of wood in housing construction. He also recommended the formation of an consortium acting as a focal point to co-ordinate the promotion of wood-frame housing in Chile. A seminar on marketing techniques was given to over 50 key professionals from industry and government.</p>

1.5 CESO con't

II Feasibility Study - Potable Water Supply, Costa Rica, 1987.

Plans were made and budget submitted for construction of a dam and reservoir for the town of Linda Vista. The volunteer consultant estimated that it would take four months to build. The work would be accomplished by the unemployed people - approximately 150 of them. Application was made to the Canadian International Development Agency (CIDA) for required funds.

III Mexican Relief, Mexico, 1985.

Assessment was made of what would be the most appropriate Canadian contribution following the Mexico City earthquake, particularly in regard to damage done to buildings, infrastructure and communications. This was done as part of a team of experts. CESO acted in conjunction with CIDA.

FUTURE PLANS

CESO responds to requests generated by its representatives in developing countries. CESO does not have a strategy to specifically assist housing projects, it does respond to a multitude of needs.

1.6 CARREFOUR DE SOLIDARITE INTERNATIONALE

555, rue Short
Sherbrooke, Québec J1H 2E6
Telephone: (819) 566-8595
Contact Person: Robert Ward

PURPOSE/ OBJECTIVES	Carrefour de Solidarite Internationale have projects in developing countries which favour the use of local resources for housing. Their education program focuses special attention on the homeless.
FOUNDED	1972
ASSISTANCE	- Financial: direct or helping to access funds
SPECIALIZATION	- Low-cost Housing - Water Supply/Sanitation - Community/Education Facilities - Co-operative Development - Community Development - Appropriate Technology/Building Materials
LANGUAGES	French
COUNTRIES	Past project experience in West Africa and Latin America.
PROJECTS	<p>I Housing with Local Resources, Brazil, 1988. This project aims to use sugar cane residues to build houses in the shantytowns of the state of Sao Paulo. The organization financed the project, working in partnership with Association das Favelas de Piracicaba (ASFAP) also with IEP, ACTA, and UNIMEP.</p> <p>II Welcome House, Peru, 1987-1988. This project, targeted to abandoned youth in the city of Lima provides literary and skills training. The organization financed the project in collaboration with the Communauté d'Emmaüs.</p> <p>III Production of Oil and Biscuits, Burkina Faso, 1987. The project goal is to support widows in their activities in order to facilitate their empowerment and integration into society. The organization financed the project, which was completed in partnership with Association des Veuves et Orphelins du Burkina Faso (AVOB).</p>
FUTURE PLANS	They intend to increase the accent on the use of local resources as well as appropriate technologies. Projects linked to water and health are also among their priorities for continuing work in West Africa and Latin America.

1.7 COALITION FOR AID TO NICARAGUA Tools for Peace

1672 East 10th Avenue
Vancouver, British Columbia V5N 1X5
Telephone: (604) 879-7216

PURPOSE/ OBJECTIVES	Through its Tools for Peace program, the Coalition gathers donated tools, equipment and supplies and sends them to Nicaragua for distribution through a local non-governmental agency. It also educates Canadians about Nicaragua.
FOUNDED	1981
ASSISTANCE	- Material Support: equipment, resource materials, etc.
SPECIALIZATION	- <i>General Development</i>
LANGUAGES	English and Spanish
COUNTRIES	Nicaragua
PROJECTS	<p>Tools for Peace has given priority to the collection of five critically needed items: Corrugated roofing, safety gear, notebooks, boots and fishing equipment. They accept both material and financial donations, which are distributed by the Augustot Caesar Sandino Foundation (FACS) a non-government agency.</p> <p>Corrugated steel roofing is used for housing and community facilities. Communities provide their own labour, and the government provides solid timber posts, concrete for foundations and sheets of corrugated steel roofing.</p>

1.8 CONSEIL DE DEVELOPPEMENT DU LOGEMENT COMMUNAUTAIRE (CDLC)

100, rue Amherst Suite 200
Montréal, Québec H2L 3K5
Telephone: (514) 849-7800 Fax: (514) 849-1495
Contact Person: Miklos Fulop

PURPOSE/ OBJECTIVES	To organize housing co-operatives including training, education of membership, technical and financing advice, architecture, administrative training, and to set-up special needs projects for seniors, physically or mentally handicapped, roomers and youth.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Architecture
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Architecture- Finance- Rehabilitation and Reconstruction
LANGUAGES	English, French, Spanish and Laotien
COUNTRIES	Shelter project experience in Canada and Zimbabwe and they are interested in working in any developing country.
PROJECTS	Zimbabwe Co-operative Housing Program Study, Zimbabwe, 1987. Study to set-up pilot projects as a basis for developing a co-operative housing program. Acted as consultants with local co-operation from the Ministry of Co-operatives, the Ministry of Housing, community organizations and private enterprise.
FUTURE PLANS	Working to develop pilot projects and a co-operative housing program in Zimbabwe.

1.9 DEVELOPMENT WORKSHOP

Human Settlements Planning & Building

P.O. Box 1834

Guelph, Ontario N1H 7A1

Telephone: (519) 763-3978 Telex: 055-60592 Attn: 12555 Fax: (519) 763-4814

Contact Person: Maribel Gonzales

PURPOSE/ OBJECTIVES	Development Workshop provides technical assistance in human settlements planning, design, and research in the Third World. Development Workshop works to strengthen local capacity to solve development problems in ways that are sensitive to basic needs, affordability levels, and cultures. Three elements are integral to their approach: the use of indigenous resources, a close working relationship with local groups, and training of local counterparts.
FOUNDED	1973
STAFF	Total: Varies Canada: 3 Overseas: Varies
ASSISTANCE	<ul style="list-style-type: none">- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Community/Education Facilities- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Appropriate Technology/Building Materials- Rehabilitation and Reconstruction- <i>Disaster Mitigation</i>- <i>Small Enterprise Development</i>
LANGUAGES	English, French, Portuguese, Farsi, Hindi, Tagalog, Urdu, and Lao.
COUNTRIES	Past experience in Angola, Canada, Comores Islands, Egypt, France, Guinea, India, Indonesia, Iran, Laos, Mali, Niger, Oman, Pakistan, Sao Tome and Principe, Senegal, Sudan, Tunisia, United Kingdom, and the United States of America.
PROJECTS	I Technical Assistance in Urban Development, Luanda, Angola, 1980. Development Workshop's resident advisory team has provided technical assistance to the National Directorate of Urbanism and Building from 1980-1986, and since 1987, to the Office for Bairro (spontaneous settlements) Upgrading. Development Workshop has advised on the formulation of policies and guidelines for sites and services development, self-help housing programs, and planning urban community services. Development Workshop has also been instrumental in the development of

1.9 WORKSHOP con't

institutional structures, at both government and community levels, to implement urban projects. Working with its local counterparts and various donor agencies, Development Workshop has designed and implemented barrio upgrading, urban sanitation and education facilities planning projects, and the construction of community facilities.

II Training for Mid-Level Technical Staff, Community Development Workers and Builders, Angola, Guinea, Iran, Niger, Sudan.

Development Workshop has extensive experience in training mid-level technical staff, community development workers, and local builders in the implementation of small-scale community projects and disaster mitigation programs. Development Workshop's training methodology combines theory, experimentation and practice. Training is adapted to the level of literacy and technical skills of the trainees, and programs are designed to be easily replicable by trainees themselves. Development Workshop has also combined its training programs with South-South technology transfer. For example, in Chikal, Niger, Development Workshop introduced mud brick vault and dome technology from the Middle East to reduce the need to cut scarce timber for roofs. Development Workshop also produces training manuals and develops simple computer applications to evaluate technology options for construction programs.

III Selseleh Integrated Development Project, Luristan, Iran, 1975-1977.

Development Workshop was responsible for the Settlement Planning & Building Section of the integrated rural development project in the Selseleh region (area 40 sq.km.; 1975 population of 60,000). Development Workshop developed and implemented a comprehensive program to increase the region's capacity to meet its own shelter and settlement needs. This included: preparation of a regional plan and a town plan for the main urban centre; construction of public facilities such as schools, public baths and water supply system; research and development of local building resources and building materials; training of local builders and community development workers.

FUTURE PLANS

As the representative in Angola of the Canadian Council for International Co-operation (CCIC) Taskforce on Angola, a consortium of about 24 Canadian NGO's working in Angola, the Development Workshop field office in Luanda will assist the CCIC Taskforce in developing its assistance program in Angola.

1.10 FEDERATION OF CANADIAN MUNICIPALITIES

24 Clarence Street

Ottawa, Ontario K1N 5P3

Telephone: (613) 563-3507 Telex: 053-4451 Fax: (613) 237-2965

Contact Person: John Hastings, Director, International Program

PURPOSE/ OBJECTIVES

The Federation of Canadian Municipalities (FCM) is a national organization that represents the interests of local government across Canada. They work with representatives of the Government of Canada to ensure that the municipal viewpoint is known and reflected in federal policies, programs and legislation affecting local government. Its International Office administers projects bringing together municipalities in Canada and abroad.

ASSISTANCE

- Financial: direct or helping to access funds
- Material Support: equipment, resource materials, etc.
- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Upgrading/Sites & Services
- Water Supply/Sanitation
- Roads/Drainage
- Transportation
- Community/Education Facilities
- Community Development
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development
- Construction
- Architecture
- Finance

LANGUAGES

English and French.

PROJECTS

I Africa 2000: The Municipal Response, 1988-ongoing.

Working with the Canadian International Development Agency (CIDA), the FCM encourages Canadian municipalities and community groups to link with and support activities with African cities. Ten to twelve linkages are established each year. The program funds: training exercises for African municipal administrators; small capital purchases such as office equipment, computers and photocopiers to increase the efficiency of municipal administration in Africa; the preparation of municipal environmental assessments; delivery of community assistance to meet basic needs such as medical, educational and children's supplies.

1.10 FCM con't

II Chinese Open Cities, China and Canada, 1986-Present.

Following a 1986 visit by eight Chinese officials, CIDA selected FCM to execute this project to China by accessing the municipal, business, and academic expertise needed to develop China's human resources in local government. FCM, in partnership with the Canada-China Trade Council and the Special Economic Zones Office (SEZO) of the State Council of the People's Republic of China, provides training on economic planning and management, professional exchanges, study tours, conferences and seminars in China, and the design and production of training material.

III Twinning, Ongoing.

Twinning is the establishment of a relationship with a community in another part of the country or the world, for exchange and mutual benefit. Twinning has become popular as a contribution to peace, cultural and intellectual enrichment, and as a stimulus to trade. FCM acts as the catalyst and co-ordinator of municipal twinning in Canada and as a clearing house of information on twinning.

IV Municipal Professional Exchange Project, 1986-ongoing.

The FCM is encouraging and supporting the sharing of municipal experience through the exchange of municipal professionals throughout the developing world. It offers Canadian professionals a challenge and an opening to new perspectives on familiar problems. To cities abroad, it offers a chance to learn about the successes and failures of Canadian administrators who have been working with modern techniques. Funding for the project is supplied by CIDA.

1.11 FONDATION CRUEM CANADO-HAITI INC.

2240, rue Fullum

Montréal, Quebec H2K 3N9

Telephone: (519) 524-3087

Contact Person: M. Jean-Jacques Legris, Jacques Lafontaine

PURPOSE/ OBJECTIVES	The Foundation provides educational material support for the activities of an integrated rural development project in Haiti. They construct housing, potable water, latrines, and electricity.
FOUNDED	1973
STAFF	Total: 9 Canada: 1 Overseas: 8
ASSISTANCE	- Financial: direct or helping to access funds - Material Support: equipment, resource materials, etc.
SPECIALIZATION	- Low-cost Housing - Water Supply/Sanitation - Roads/Drainage - Community/Education Facilities - Finance - <i>Basic Sanitation/Latrines</i>
LANGUAGES	French
COUNTRIES	Shelter experience in Haiti.
PROJECTS	I Basic Sanitation, Haiti, 1983-1988. Built close to 1000 household latrines. The organization developed and completed the project in partnership with CIDA. II Medical Clinic, Haiti, 1986-1987. The Foundation built a medical clinic with assistance from CIDA.
FUTURE PLANS	Primarily small agriculture projects.

1.12 FRIENDS OF SOS CHILDREN'S VILLAGES, CANADA, INC. (SOS CANADA)

P.O. Box 4117
Ottawa, Ontario K1S 5B1
Telephone: (613) 745-0473
Contact Person: Joseph A. Messner

PURPOSE/ OBJECTIVES	Provide some assistance to SOS-Children's Villages in the construction of family homes within the Village.
FOUNDED	1949
STAFF	Total: 3 Canada: 1 Overseas: 2
ASSISTANCE	- Financial: direct or helping to access funds
SPECIALIZATION	- Low-cost Housing
LANGUAGES	English and German
COUNTRIES	Shelter experience in Nigeria. They would like to work in Dominican Republic, Jamaica and Haiti.
PROJECTS	<p>I SOS-Children's Village Lagos, Nigeria, 1972-1987. Financial support was provided for two family homes. This project was carried out in conjunction with SOS-Nigeria.</p> <p>II Children to Children, Variety of Locations, 1987. Children in SOS-Children's Villages contributed funds to assist in the construction of a home for someone homeless. Friends of SOS assisted in planning, and provided the base amount. This project was carried out in conjunction with SOS-Children's Village Nova Scotia and SOS-Kinderdorf International.</p> <p>III SOS-Children's Village Nova Scotia, Canada, 1983-1988. Provided funding for land and two family homes during the establishment of the first SOS-Children's Village in North America. Construction completed with assistance from Friends of SOS-Children's Villages, U.S.A.; SOS-Nova Scotia; SOS-Kinderdorf Deutschland; and the Canada Mortgage and Housing Corporation.</p>
FUTURE PLANS	To continue providing care for children in need of permanent placement. Shelter is expected to take a minor role in these overall activities.

1.13 FRONTIERS FOUNDATION Operation Beaver

2615 Danforth Avenue
Toronto, Ontario M4C 1L6
Telephone: (416) 690-3930
Contact Person: Charles Catto and Marco Guzman

PURPOSE/ OBJECTIVES	To provide housing and other facilities to disadvantaged communities in Canada, and to support development projects.
FOUNDED	1964
STAFF	Total: 7 Canada: 7
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Material support: equipment, resource materials, etc.- Training in Canada and overseas- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Roads/Drainage- Transportation- Community/Education Facilities <i>Construction</i>- Community Development- Rural/Regional Planning- <i>Agriculture</i>
LANGUAGES	English, French and Spanish.
COUNTRIES	Project experience in Canada, Sierra Leone, Haiti, Senegal, Jamaica, Trinidad and Bolivia.
PROJECTS	<p>1 Kenema Village Development, Sierra Leone, 1979-Present.</p> <p>The purpose of this project was to develop the agricultural base of the area and the built infrastructure, so that the villages would be assured of having enough food to last them for the year, as well as surplus for seed in the coming season. This project was started in conjunction with the Gormorgor Agriculture Development Organization (GADO). Frontiers provided each farmer with enough funds to plant bananas, pineapples, cassava, palm trees, and a number of other crops, depending on the personal preferences of the farmer, and to purchase a team of oxen and a cart. Funds were also raised to rebuild a school in the village, which is now in full operation with the Sierra Leone government providing a teacher. The Foundation provides funds for the programs in Kenema and surrounding areas. It also provided a block-making machine to produce materials for a rice storage hut and the school.</p>

1.13 FRONTIERS con't

II St. Michel de l'Attalaye, Haiti, 1982-Present.

For this project, Frontiers Foundation formed a partnership with the Federation of Councils for Community Action of St. Michel de l'Attalaye. This project is made up of four parts:

- 1) Heavy Equipment: A caterpillar bulldozer, motor grader and ripper were delivered and immediately pressed into service following operator training by Canadian heavy equipment operator. These were used for road maintenance and in support of ongoing projects in Haiti.
- 2) Reforestation: As part of the national reforestation effort to control soil erosion, twelve thousand seedlings have been planted and another eight thousand are being prepared. These seedlings are planted on community lands and will serve to teach the advantages of reforestation to the population.
- 3) Agriculture: Irrigation of previously unused land will be completed increasing food production.
- 4) Water: A potable water system for Las Lomos, begun by Frontiers, has been integrated with a larger system supplying water to Las Lomos and St. Michel. The project was completed by CARE.

III Frontiers Foundation Operation Beaver, Canada, ongoing.

Every year Frontiers carries out approximately 25 housing projects in partnership with disadvantaged and mainly native rural and usually remote communities, such as Fort Good Hope, Northwest Territories, and Keewaywin, Ontario. They are building new log and frame homes, and renovating existing units, particularly for the elderly and handicapped. Many young native people receive marketable on site skill training during the housing projects, after which they can successfully seek paid employment as productive citizens. They are also involved in many complementary projects such as cold climate agriculture, school and community centre construction, and recreation programs.

FUTURE PLANS

To develop projects in rural Haiti.

1.14 HABITAT FOR HUMANITY INTERNATIONAL INC.

125 Brentcliffe Road
Toronto, Ontario M4G 3Y7
Telephone: (416) 429-4748
Contact Person: Mary Dodge

PURPOSE/ OBJECTIVES	Habitat for Humanity, a ten year old ecumenical housing ministry, has as its goal the provision of simple, decent housing for God's people in need. It sells affordable houses, at cost, to people who need them.		
FOUNDED	1972	INCORPORATED:	1976
STAFF	Total: varies Canada: 3 Overseas: varies		
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Material support: equipment, resource materials, etc.- Technical assistance, co-operation, and consulting		
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Community Development- Construction- Architecture- Appropriate Technology/Building Materials- Finance- Rehabilitation and Reconstruction		
LANGUAGES	English and limited French		
COUNTRIES	Past project experience in Zambia, Guatemala, Zaire, Peru, Uganda, Haiti, Bolivia, Burundi, Costa Rica, Dominican Republic, India, Kenya, Malawi, Nicaragua, Papua New Guinea, Philippines, Solomon Islands, and Tanzania. Habitat for Humanity is interested in working anywhere that they are needed.		
PROJECTS	<p>Habitat for Humanity provides funding and Canadian volunteers for projects. The Canadian volunteers assist in project planning, community organization and construction, working with volunteers from local churches:</p> <p>I Housing in Dumay, Haiti, 1981-Present. At the request of local members of Habitat for Humanity, the housing situation in Dumay was assessed in order to determine the feasibility of sponsoring a project to improve local housing conditions. Construction began in 1982 and continues at a rate of fifty houses per year. The houses constructed have cement floors, corrugated metal roofs, and an outhouse. Some education about the benefits of sanitation is given to the community. Project families donate their labour digging foundations, hauling sand and gravel to the construction site, mixing concrete, making blocks and assisting with construction. The project is supported by, and involves volunteers from local churches. Habitat for Humanity co-operates</p>		

1.14 HABITAT FOR HUMANITY

closely with non-government organizations, such as Foster Parents Plan. All construction is done by Canadian volunteers and local citizens. By mid-1987, 150 homes had been built and similar projects were being established in other areas of Haiti.

II Housing Construction in Puno, Peru, 1983-Present.

The purpose of this project is to build over 160 homes for families who are living in inadequate conditions in three neighbourhoods in Puno, Peru. The beneficiaries must contribute at least two days per week in 'sweat equity' towards housing construction until all houses are completed. Each house has two rooms and, through municipal government assistance, some infrastructure is provided. Habitat for Humanity provides funding and Canadian volunteers for the Project. The Canadian volunteers assist in project planning, community organization and construction. Volunteers from local churches are also actively involved in the project.

FUTURE PLANS

To continue offering no-profit, no-interest loans to assist in the creation of decent affordable housing.

1.15 HORIZONS OF FRIENDSHIP

P.O. Box 402
Cobourg, Ontario K9A 4L1
Telephone: (416) 372-5483
Contact Person: Rev. Tim Coughlan

PURPOSE/ OBJECTIVES	To support community-based development programs which may include provision or upgrading of shelter as part of an integrated program. Emphasis is on the use and development of local resources.
FOUNDED	1972
	INCORPORATED: 1973
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Training overseas- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Community Development- Construction- Appropriate Technology/Building Materials- Finance- Rehabilitation and Reconstruction
LANGUAGES	English, French and Spanish
COUNTRIES	Past experience in Mexico, Guatemala, El Salvador, Honduras and Nicaragua.
PROJECTS	<p>I Mexico Earthquake Reconstruction, Mexico, 1985-1987. Financial and technical assistance was given to aid in self-help construction of 75 brick homes. The project was a community co-operative effort done in conjunction with PROVIPO and Ciudad Guzman.</p> <p>II Internal Refugees/Displaced Persons, El Salvador, 1985-1987. Financial assistance was given, and local personnel were trained for the self-help construction of brick housing as a component of an integrated community development. This project was accomplished in conjunction with AGAPE.</p> <p>III Rural Self-Help Housing, Honduras, 1987. Community development through self-help construction of bajareque (improved mud wall) homes using local resources. Financial and technical assistance was provided in conjunction with Federacion Desarrollo Juvenil Comunitario Honduras (FEDEJCOH).</p>
FUTURE PLANS	Low-cost, self-help construction, community-development oriented housing projects using local resources.

1.16 INSTITUT DE DEVELOPPEMENT NORD-SUD (I.D.N.S.)

C.P. 1929, La Pocatière

La Pocatière, Québec G0R 1Z0

Telephone: (418) 856-1848

Contact Person: Violette Alarie Gendron, Directeur general

PURPOSE/ OBJECTIVES	I.D.N.S. supports training programs in developing countries drawing on the resources of academic institutions, co-operatives, public and private sector corporations in the lower St. Lawrence region of Quebec.
STAFF	Total: varies Canada: 62 associates Overseas: varies
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development- Construction- Appropriate Technology/Building Materials- Finance- Rehabilitation and Reconstruction- <i>Management and Technical Assistance to Housing Co-operatives</i>- <i>Management of Urban Services</i>
LANGUAGES	French, Spanish, Creole, English (but prefer to work in francophone countries).
COUNTRIES	Shelter experience in Haiti and Cote d'Ivoire and they are interested in working in Haiti, Cote d'Ivoire, Cameroon, Rwanda and Chile
PROJECTS	<p>I Housing Co-operative, Pilate, Haiti, 1988-1991. I.D.N.S. is assisting with the organization of a housing co-operative for 300 families in northern Haiti. This project is being done in co-operation with the Caisse Populaire La Pocatière, le Conseil de la Co-operation du Quebec and the Co-operative l'Esperance de Pilate.</p> <p>II Housing Research Project, Cote d'Ivoire, 1983-ongoing. Research into improved use of traditional materials for housing migrants to cities and towns. I.D.N.S. is working with CRAV, Université d'Abidjan.</p>
FUTURE PLANS	I.D.N.S. will continue to work in training, housing construction in the Cote d'Ivoire, and developing human resources.

1.17 INSTITUTE FOR THE STUDY AND APPLICATION OF INTEGRATED DEVELOPMENT (ISAID)

132 Allan Street, Suite 5
Oakville, Ontario L6J 3N5

Telephone: (416) 842-2083 Telex: 065 25477 ISAID Fax: 416 845 1932 ISAID

Contact Person: Dr. Timothy J. Johnson

PURPOSE/ OBJECTIVES	To assist integrated development projects at the village level in partnership with the villagers themselves.
FOUNDED	1975
STAFF	Total: 6 Canada: 2 Overseas: 4
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Material support: equipment, resource materials, etc.- Training overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Water Supply/Sanitation- Co-operative Development- Community Development- Economic Development- Construction- Architecture- Appropriate Technology/Building Materials
LANGUAGES	English, French and some Spanish.
COUNTRIES	ISAID has shelter experience in Niger and is interested in working in Burkino Faso, Mali, Sahelian and other countries facing desertification.
PROJECTS	<p>I Support for Village Action, Niger, 1985-ongoing. A program of co-operation with village development councils on a wide range of development projects. ISAID provides financial, material, technical assistance, and training. This project is being done in partnership with the Filingue Sub-Regional Council for Development and is funded in 1988-1989 by Partnership Africa Canada.</p> <p>II Construction Without Wood, Niger, 1978-1984. Traditional roof construction requires wood which is seriously lacking in Sahel. ISAID explored construction alternatives, such as domed and vaulted roofs. ISAID provided technical advice and training. This project was done in partnership with CIDA, the World Wildlife Fund and the Government of Niger.</p>

1.17 ISAID con't

III Agroforestry, Niger, 1988-1992.

This project proposes to examine agroforestry methods and adapt them to the northern Sahel in order to assist populations withstand environmental changes. ISAID provided technical advice and training. This project was done in partnership with Solidarity Canada Sahel, Association des Femmes du Niger, and the Government of Niger.

FUTURE PLANS

They envisage involvement in women's credit, grain dehulling and milling, water, tree planting and soil conservation projects.

1.18 INTERNATIONAL CHILD CARE (CANADA) INC.

P.O. Box 2125, Station B.
St. Catharines, Ontario L2M 6P5
Telephone: (416) 937-1211
Contact Person: Mr. Scott Hortop

PURPOSE/ OBJECTIVES	International Child Care (Canada) Inc. assists in promoting the health and welfare of underprivileged people and renders services of a charitable nature to the poor. It is primarily involved in community health development programs throughout Haiti.
FOUNDED	1965
	INCORPORATED: 1973
STAFF	Total: 202 Canada: 2 Overseas: 200
ASSISTANCE	<ul style="list-style-type: none">- Training overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Water Supply/Sanitation- Community/Education Facilities- Community Development- Finance
LANGUAGES	English and French/Creole
COUNTRIES	Haiti
PROJECTS	I Cerca La Source Water Project, Haiti, 1985-ongoing. International Child Care did the research and planning for this project which included the formation of an education team, vaccination program, capping of 35 springs, latrine construction, and the establishment of first-aid posts in two remote areas. A Canadian church has taken this on as a project. Community people do all the work which makes them a part of the project.
PUBLICATIONS	Grace Notes, a newsletter.

1.19 MENNONITE ECONOMIC DEVELOPMENT ASSOCIATION

402-280 Smith Street
Winnipeg, Manitoba R3C 1K2
Telephone: (204) 944-1995
Contact Person: Ron Braun

PURPOSE/ OBJECTIVES	The International Division of the Mennonite Economic Development Association (MEDA) promotes economic growth with equity to the benefit of, and in partnership with, the disadvantaged of the Third World. This is accomplished through a business oriented approach that results in sustainable enterprises.
FOUNDED	1953
STAFF	Total: 17 Canada: 7 Overseas: 10
ASSISTANCE	- Financial: direct or helping to access funds - Technical assistance, co-operation, and consulting
SPECIALIZATION	- Low-cost Housing - Co-operative Development - Community Development - Economic Development - Finance - Rehabilitation and Reconstruction
LANGUAGES	English and Spanish
COUNTRIES	Shelter project experience in Jamaica and Haiti.
PROJECTS	<p>I Port-au-Prince Low Income Mortgage Bank, Haiti, 1989-ongoing. The purpose of this project is to establish a mortgage fund mechanism within local institutions in order to provide small mortgages (\$2-5,000) in low income areas of the city. These areas are presently served through MEDA's small business program. MEDA develops all systems and procedures, including institutional development. The project is being done in partnership with Banque du Credit Immobiliere and CIDA, with support from US AID.</p> <p>II Hurricane Gilbert Recovery Project, Jamaica, 1988-ongoing. MEDA provided assistance to three communities in rebuilding homes and community institutions after Hurricane Gilbert. Collaboration with local NGO's, involved in housing concerns, is ongoing. MEDA provided financial support, labour, credit extension, planning and logistics. The project is done in conjunction with Association of Development Agencies (ADA) and the Jamaica Mennonite Church.</p>

1.19 MEDA con't

FUTURE PLANS

Programs focus on economic development with main components as follows: small business development-- community-based and micro-enterprise development; production and marketing-- testing, improving, manufacturing, marketing products; and human resource service-- consulting, technical, advisory services to other groups.

1.20 ORGANISATION CANADIENNE POUR LA SOLIDARITE ET LE DEVELOPPEMENT (OCSD)

2330 ouest, rue Notre-Dame bureau 200

Montréal, Québec H3J 1N4

Telephone: (514) 937-1614 Telex: 055-61474 Fax: (514) 937-9452

Contact Person: Sylvie DuBuc or France Lachapelle

PURPOSE/ OBJECTIVES	Support development and community organization projects.
INCORPORATION	1983
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Material support: equipment, resource materials, etc.- Technical assistance, co-operation, and consulting- <i>Send volunteers</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Roads/Drainage- Transportation- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development- Construction- Architecture- Appropriate Technology/Building Materials- <i>Women and Development</i>- <i>Forest Development</i>- <i>Food and Agriculture Development</i>
LANGUAGES	English, French and Spanish.
COUNTRIES	Shelter project experience in Colombia, Nicaragua and Tunisia. OCSD will continue to work in the above mentioned countries, French Africa, and Latin America. During 1987-88 OCSD operated 205 projects in 18 countries with 193 volunteers.
PROJECTS	I South/South Housing Exchange and Co-operation Colombia, 1987-1989. Supported training and the development of an urban housing construction project. OCSD provided financial support and worked with the Foro Nacional Por Columbia.

1.20 OCSD con't

II Integrated Development Project, Tunisia, 1988-1990.

This integrated rural development project included agriculture and the construction of housing and a multi-use centre (workshops, and handicrafts.) OCSD assisted with administration and placement of staff from Quebec. The project was done with the Ministère des Affaires Internationales du Québec (MAIQ); Association pour la Promotion de l'Emploi et des logements Tunisiens.

FUTURE PLANS

To continue placement of volunteers and project support in the priority areas of agro-forestry, preventive and community health, community services, women and development, refugees and displaced people.

1.21 PENTECOSTAL ASSEMBLIES OF CANADA

10 Overlea Blvd.
Toronto, Ontario M4H 1A5
Telephone: (416) 425-1010
Contact Person: Donald P. Raymer

PURPOSE/ OBJECTIVES	Pentecostal Assemblies of Canada (PAOC) undertakes church planning and evangelism among populations in Canada and abroad.
FOUNDED	1919
STAFF	Total: 222 Canada: 2 Overseas: 220
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Material support: equipment, resource materials, etc.
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Construction- Appropriate Technology/Building Materials- Rehabilitation and Reconstruction
LANGUAGES	English, French, Swahili, Portuguese, Spanish, Mandarin, Cantonese, Thai and Indonesian.
COUNTRIES	POAC would like to continue working in Ethiopia, Kenya, Tanzania, Zambia, Zimbabwe, Mozambique, Brazil, Macau, Thailand, India, Taiwan, Sri Lanka, Irian Jaya, Sumatra.
PROJECTS	<p>I Tongogara Camp (Mozambique refugees), Zimbabwe, 1985. This is one of six camps established in Zimbabwe for Mozambique refugees. It is estimated that the refugee population in Zimbabwe is increasing by 2,000/month. On arrival, each family is provided temporarily with tents after which poles and roofing are provided, for a more suitable dwelling. For this project the organization provided 52 metric tons of maize weekly as well as tents and other building materials. The Pentecostal Assemblies of Canada worked with Jimmy Swaggart International Child Care (Canada), the Pentecostal Assemblies of Zimbabwe, and Canadian International Development Agency (CIDA) through the Canadian Foodgrains Bank (CFB).</p> <p>II St. Vincent Vocational Training Centre, West Indies, 1986. A vocational school has been built by Canadian volunteers. One aspect of its training programs is the establishment of chicken co-ops throughout the island (8), each co-op supporting at least 4 families. Buildings were constructed by Canadian volunteers, PAOC provided the capital funding and Canadian instructors. The project was a joint effort of the Pentecostal Assemblies of the West Indies District of St. Vincent, the</p>

1.21 PENTECOSTAL con't

Pentecostal Assemblies of Canada, Compassion, and Alberta Agency for International Development (AAID).

III Ethiopia Tedelle Project, Ethiopia, 1984.

Teaching the concept of building homes with sun-dried mud bricks. This is a food-for-work project. PAOC, as a member of the CFB, is providing wheat for the project which is a joint effort by the PAOC and MEDEA, a local non-government organization.

FUTURE PLANS

To continue working in Africa helping displaced persons and building primary schools.

1.22 PUEBLITO CANADA

69 Sherbourne Street, Suite 523
Toronto, Ontario M5A 3X7
Telephone: (416) 869-1915
Contact Person: David Morley

PURPOSE/ OBJECTIVES	Supports local initiatives in the Third World which strengthen the family unit and encourage individual and community self-sufficiency.
FOUNDED	1974
	INCORPORATED: 1975
STAFF	Total: 83 Canada: 3 Overseas: 80
ASSISTANCE	- Financial: direct or helping to access funds
SPECIALIZATION	- Community/Education Facilities - Co-operative Development - Community Development - Urban/Neighbourhood Planning - Rehabilitation and Reconstruction
LANGUAGES	English, Spanish and Portuguese
COUNTRIES	Pueblito Canada has experience working in Brazil, Costa Rica, Dominican Republic, and Mexico.
PROJECTS	I Mexico- Reconstruction and Rehabilitation, Mexico. The project involved the reconstruction of houses destroyed by the earthquake. Funding was provided by Pueblito Canada and channeled to Mexican non-government organizations.
FUTURE PLANS	To continue working to prevent child abandonment in Latin America through day-cares, nutrition centres, micro-enterprise support, and community development.

1.23 ROOFTOPS CANADA FOUNDATION

22 Mowat Avenue Suite 100
Toronto, Ontario M6K 3E8
Telephone: (416) 538-7511 Fax: (416) 538-7523
Contact Person: Barry Pinsky, Co-ordinator

PURPOSE/ OBJECTIVES

Rooftops Canada is the international development arm of the Canadian co-operative housing movement. Rooftops' objectives are: to better educate Canadians about shelter issues in developing countries; to raise funds and provide technical assistance to co-operative and community-based shelter projects in the Third World; to build networks between Canadian and overseas housing co-operators.

FOUNDED

1984

ASSISTANCE

- Financial: direct or helping to access funds
- Material support: equipment, resource materials, etc.
- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- *Links to Canadian housing co-operatives and federations.*

SPECIALIZATION

- Low-cost Housing
- Upgrading/Sites & Services
- Water Supply/Sanitation
- Community/Education Facilities
- Co-operative Development
- Community Development
- Appropriate Technology/Building Materials
- Finance

LANGUAGES

English, French, Spanish, and Portuguese.

COUNTRIES

Rooftops has shelter project experience in African regional projects, Angola, Chile, India, Jamaica, Kenya, Mozambique, and Nicaragua. Rooftops expects to continue working in these countries with an emphasis on Africa.

PROJECTS

I Kariobangi Housing Co-operative, Nairobi, Kenya, 1987-1988.

A community-based workshop was set-up to produce vibrated cement blocks and sisal cement roof tiles. Two housing units were built for six families to demonstrate the viability of materials and design standards, and to encourage local financing for a further 200 units. Rooftops provided funding for the project working in partnership with the National Co-operative Housing Union of Kenya (NACHU) and IYSH Trust (U.K.).

II Settlements Information Network Africa (SINA), Southern and Eastern Africa, ongoing since 1984.

SINA provides support for national and regional training workshops, exchange visits, bulletins and publications to encourage the growth of shelter related co-operatives. Members of Rooftops Canada have assisted

1.23 ROOFTOPS con't

shelter related co-operatives. Members of Rooftops Canada have assisted

in carrying out workshops, project monitoring and evaluation. Rooftops provided funding and technical assistance in partnership with Mazingira Institute, Nairobi and the Canadian Co-operative Association.

III Improving Urban Housing, Santiago, Chile, 1987-1988.

This project involved research into community needs, financial capacity, and appropriate low-cost building materials followed by the construction of two houses to demonstrate new plans and materials. Rooftops helped design the project and provided funding assistance in partnership with Tijerel, a Chilean NGO, and CUSO.

FUTURE PLANS

To expand Rooftops activities, drawing on the resources of the Canadian housing co-operative movement and working with the Canadian Cooperative Association.

PUBLICATIONS

Catalogue of Canadian Housing and Shelter Organisations, Canada Mortgage and Housing Corporation, 1988.

Guide to Canadian Resources for Shelter in Developing Countries, Canada Mortgage and Housing Corporation, 1989.

Shelter News, A quarterly newsletter of Canadian action for International Year of Shelter for the Homeless, 1987-88.

Shelter for the Homeless...Building for Change, 12-minute audio-visual presentation which describes the Kenyan and Chilean projects listed above.

1.24 SAVE A FAMILY PLAN

P.O. Box 3621

London, Ontario N6A 4L4

Telephone: (519) 672-1115

Contact Person: Fr. Sebastian Adayanthrath, Executive Director

PURPOSE/ OBJECTIVES	As a part of their overall program, Save a Family Plan build homes for the homeless, and reconstructs houses damaged during monsoon season.
FOUNDED	1965
	INCORPORATED: 1977
STAFF	Total: 32 Canada: 3 Overseas: 29 units each with employees
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- <i>Helping the beneficiaries to access bank loans and government subsidies.</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Community Development- Rehabilitation and Reconstruction
LANGUAGES	English
COUNTRIES	Save a Family Plan has shelter experience in India.
PROJECTS	<p>I Resource Mobilization, Kerala State, India, 1988-1989. This project contributed to the socio-economic development of about 100 villages in the Districts of Kerala State, India. Housing is very much part of this project. This project was completed in partnership with the Canadian International Development Agency (CIDA) and the Alberta Agency for International Development (AAID).</p> <p>II Leprosy Rehabilitation in Tamil Nadu, India, 1988-1989. This project assisted 600 families with one or more members as leprosy patients. The project provided health education to families and rehabilitated the victims of leprosy so they could become independent. Housing is a major component of the rehabilitation. This project was done in partnership with CIDA and the AAID.</p> <p>III Integrated Village Development Programme, India, 1988-1990. This project is presently in the planning stages and will involve the integrated development of about 10,000 people belonging to the weaker sections of society in 150 villages spread over five states of India. Housing would be a major component of this project.</p>
FUTURE PLANS	Save a Family Plan plans to build 2000 homes for the homeless in the coming future.

1.25 SAVE THE CHILDREN-CANADA

3080 Yonge Street, Suite 6020

Toronto, Ontario M4N 3P4

Telephone: (416) 488-0306 Telex: 06-218656 Fax: 416-483-4430

Contact Person: Frank Folz

PURPOSE/ OBJECTIVES

Save the Children-Canada is an international development organization which supports self-help community development projects which benefit children in ten countries around the world. With assistance from Save the Children, urban and rural communities in Bolivia, Burkina Faso, Haiti, India, Jamaica, Kenya, Mali, Nicaragua, Peru and Sudan find solutions to the health, education, food and shelter problems which face them.

FOUNDED

1921

INCORPORATED 1946

STAFF

Total: 35 Canada: 35 Overseas: 50-60

ASSISTANCE

- Financial: direct or helping to access funds
- Material support: equipment, resource materials, etc.
- Technical assistance, co-operation, and consulting
- *Contact/rapport with Third World communities*

SPECIALIZATION

- Water Supply/Sanitation
- Community/Education Facilities
- Co-operative Development
- Community Development
- Appropriate Technology/Building Materials
- Rehabilitation and Reconstruction

COUNTRIES

Shelter experience in Bolivia, India, Jamaica and Nicaragua.

PROJECTS

I Housing for Displaced People, Nicaragua, 1986-1987.

Training in construction techniques and the actual building of 20 homes for families, all displaced war victims (La Dalia). Save the Children Canada acted as facilitator, organizer and fund raiser, working with CUSO, Ministry of Housing and Rooftops Canada Foundation.

II Amanacer Street Kids' Centre, Bolivia, 1986-1987.

Construction of communal housing and workshop facilities for street children in Cochabamba. Save the Children Canada provided funding and technical assistance for the project and worked with Sisters of Charity, Bolivia.

III Lonavia Childrens Village, India, 1978-1980.

Construction of 5 residences in Lonavia for orphaned children (0-6yrs) each residence accommodated approximately 10 children. All supplies and materials were locally produced. Funding was provided for staffing and programming of residences by Save the Children Canada who worked with the India Sponsorship Committee.

1.25 SAVE THE CHILDREN con't

FUTURE PLANS

Consideration will be given to shelter projects which emerge from the community development process in our core countries only: Peru, Nicaragua, Bolivia, Jamaica, Mali, Burkina Faso, Kenya, Sudan, India, Windward Islands, and Haiti.

1.26 SHELTER FOR THE HOMELESS FOUNDATION

22 Mowat Avenue, Suite 100
Toronto, Ontario M6K 3E8
Telephone: (416) 538-7511 Fax: (416) 538-7523
Contact Person: John Cox, President

PURPOSE/ OBJECTIVES	Shelter for the Homeless is a coalition of Canadian housing and professional organizations whose primary focus is Canadian housing and shelter. Through the Foundation, coalition members are also working to increase support to Third World shelter projects by raising funds, providing technical assistance where appropriate, sharing experiences, linking their members to Third World partners, and lobbying for increased Canadian shelter assistance.
FOUNDED	1987
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Training in Canada- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Community Development- Construction- Architecture- Appropriate Technology/Building Materials- Finance
LANGUAGES	English, French, Portuguese, and Spanish.
COUNTRIES	The Foundation has shelter project experience in Angola, Chile, India, Jamaica, Kenya, Mozambique, and Nicaragua. They would like to continue working in the above countries as well as other appropriate countries where resources permit.
PROJECTS	<p>I Communal Sanitation Facilities, Kingston, Jamaica, 1987-1988. The project provided training for women in construction skills while building communal toilet/shower/sink facilities in a Kingston shantytown. The Foundation provided funding assistance working in partnership with the Women's Construction Collective, Jamaica and Save the Children Canada.</p> <p>II Gaining Housing Right, Calcutta, India, 1987-1988. A comprehensive manual of housing rights and strategies to secure these rights is being compiled. Written, video and other education materials will be prepared for broad dissemination. The Foundation provided funding assistance, project monitoring and in-field consultation. This</p>

1.26 SHELTER con't

project was completed in partnership with Unnayan, a Calcutta based NGO, and Rooftops Canada.

III Emergency Sanitation Program, Luanda, Angola, 1987-1988.

Assistance in improving latrine construction, waste removal and maintenance of infrastructure, necessitated by the huge influx of refugees to Luanda from the war in Southern Angola. The Foundation provided funding and assisted in project formulation. Project partners included Development Workshop and Rooftops Canada.

FUTURE PLANS

To secure adequate support to continue the work program initiated during the International Year of Shelter for the Homeless, and to expand the coalition in Canada. Present coalition members include: the Co-operative Housing Foundation of Canada, the Canadian Housing and Renewal Association, the Canadian Institute of Planners, Rooftops Canada, Development Workshop and Shelter Unlimited.

1.27 SHELTER UNLIMITED/ LOGEMONT SANS FRONTIERES

c/o 682 Montreal Road Room 72
Ottawa, Ontario K1A 0P7
Telephone: (613) 748-2703 Fax: (613) 748-6192
Contact Person: Eva Berringer, Secretary

PURPOSE/ OBJECTIVES	To undertake and assist non-government projects directed to alleviating the severe problems of homelessness that exist in many parts of the world.
FOUNDED	1988
	INCORPORATED: 1988
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Training in Canada and overseas- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Construction- Architecture- Appropriate Technology/Building Materials- Finance- Rehabilitation and Reconstruction- <i>Program Design</i>- <i>Project Management</i>
LANGUAGES	English, French and Spanish
COUNTRIES	The organization has shelter project experience in El Salvador and they are interested in primarily working in The Americas and the Caribbean.
PROJECTS	I Izalco Housing, Sonsonate, El Salvador, 1989-1990. Phase two of this project involves the development of fifty houses, a community centre, and a community development program. Shelter Unlimited is a junior partner to Horizons of Friendship on this project. which is completed in partnership with Asociacion AGAPE de El Salvador.
FUTURE PLANS	As a new organization, Shelter Unlimited needs to develop ways and means to apply the potential of available human resources in a cost-effective manner. Their membership is composed of people with expertise in most areas of housing and community development.

1.28 SOPAR

1, chemin des Érables
Gatineau, Québec J8V 1C1
Telephone: (819) 243-3616

PURPOSE/ OBJECTIVES	To help the poor and needy in India, through village development projects.		
FOUNDED	1977	INCORPORATED	1979
STAFF	Total: 1 Canada: 1		
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct access funds- Material support: equipment		
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Water Supply/<i>Irrigation</i>- Community Development		
LANGUAGES	English		
COUNTRIES	Shelter project experience in India.		
PROJECTS	<p>I Dispensary - Khammam, India, 1988-1989. Small dispensary with a mobile clinic to serve 20 villages by preventative and curative medicine. SOPAR is the sponsoring agency and gives financial aid. The implementation partner in India is Vishwa Jyothi Association (VJA).</p> <p>II 80 Wells for Drinking Water, India, 1987-1988. The project consists of boring wells and installing hand pumps to provide drinking water. SOPAR was the sponsoring agency and provided financial help. SOPAR implemented this project in partnership with LODI Multipurpose Social Service Society.</p> <p>III A Boarding School in Ramnager, India, 1987-1989. As the sponsoring agency, SOPAR is providing financial aid for the construction of a hostel for 300 college girls who have come from villages in order to get a higher education in the city. This project is being implemented in conjunction with the Catholic Sisters of St. Ann.</p>		
FUTURE PLANS	Future plans include the following sectors: water, health, education, housing and community development.		

1.29 TIBETAN REFUGEE AID SOCIETY

c/o International House University of British Columbia
1783 West Mall
Vancouver, British Columbia V6T 1W5
Telephone: (604) 228-5021

PURPOSE/ OBJECTIVES	Applications received for projects originating in the field. The society is concerned with Tibetan exiles in India and development-conservation problems within the Himalayan chain. "We help others to help themselves".
FOUNDED	1962
	INCORPORATED 1962
STAFF	Total: 1 Canada: 1
ASSISTANCE	- Financial: direct or helping to access funds
SPECIALIZATION	- Low-cost Housing - Water Supply/Sanitation - Community/Education Facilities - Finance - Rehabilitation and Reconstruction - <i>Handicraft facilities, hospitals, health care, training of doctors and nurses, health care workers and facilities.</i>
LANGUAGES	English
COUNTRIES	Shelter experience in India, with an interest in working within Tibet with the Tibetan people.
PROJECTS	I Bokar Destitute Home Project, India, 1985-1987. Housing for destitute orphans, aged and displaced people. The Society, in partnership with Canadian International Development Agency (CIDA), did the administration in Canada and provided financing. They were partnered with Bokar Destitute Homes. II Sakya School Bir, India, 1983-1986. Construction of school room, dormitory and bio-gas plant. Canadian administration and financing was done by the Society and CIDA in partnership with the Council for Tibetan Education of his Holiness the Dalai Lama. III Rajpur Rehabilitation and Development Project, India, 1984-1985. Extension of the creche at the Women's Handicraft Centre to accommodate 16 more children of mothers working at the centre. The Society, with CIDA, did the Canadian administration and provided financing for the project. The project was done in partnership with the Tibetan Welfare Office, Rajpur.
FUTURE PLANS	A project to construct forty houses at Chopelling Tibetan Settlement, MIAO Araniachal Pradesh, has been started. Eighty houses are needed.

1.30 UNITARIAN SERVICE COMMITTEE OF CANADA (USC CANADA)

56 Sparks Street, Suite 705
Ottawa, Ontario K1P 5B1
Telephone: (613) 234-6827
Contact Person: Mr. John Martin

PURPOSE/ OBJECTIVES	USC Canada, a funding agency with locally staffed offices in eight core country development programs, provides financial and other support to shelter projects and activities.		
FOUNDED	1945	INCORPORATED	1977
STAFF	Total: 59 Canada: 23 Overseas: 36		
ASSISTANCE	- Financial: direct or helping to access funds		
SPECIALIZATION	- Water Supply/Sanitation - Community/Education Facilities - Co-operative Development - Community Development - Economic Development - Construction - Appropriate Technology/Building Materials - Finance - Rehabilitation and Reconstruction - <i>Financing any of the above as it relates to the rural poor.</i>		
LANGUAGES	English and French		
COUNTRIES	Shelter project experience in Lesotho, Swaziland, Botswana, Mali, Indonesia, Nepal, Bangladesh, Ethiopia, and Mozambique.		
PROJECTS	A typical project would be 1 to 3 years in duration and cost \$2,000-\$50,000 per year. This project would take place in a rural area and be aimed at the "poorest of the poor", responding to their specific requests in any sector. USC Canada acts as intermediary, does project design and provides financial support. The project would be done with other volunteer agencies such as CUSO, World University Services of Canada, local government, or local non-government organizations.		
FUTURE PLANS	USC Canada will respond to specific requests, for assistance.		

1.31 UNITED CHURCH OF CANADA Division of World Outreach

85 St. Clair Avenue East

Toronto, Ontario M4T 1M8

Telephone: (416) 925-5931

Telex: Canel 06528224

Telegram: WESLEYANA

Contact Person: Lee Holland

PURPOSE/ OBJECTIVES

A purpose of the organization is to respond to proposals/needs from overseas partners (mostly churches) and project holders, and to contribute to relief needs.

FOUNDED

1925

STAFF

Total: 420 Canada: 300 Overseas: 120 missionaries

ASSISTANCE

- Financial: direct or helping to access funds
- *Solidarity Support*

SPECIALIZATION

- Low-cost Housing
- Water Supply/Sanitation
- Community/Education Facilities
- Community Development
- Land Development/Policy
- Finance
- Rehabilitation and Reconstruction

LANGUAGES

English, French and Spanish

COUNTRIES

Numerous projects in the areas of Asia, Africa, Latin America and the Caribbean.

PROJECTS

I Resettlement and Reconstruction of Houses, Haiti and Brazil.
Emergency financing was provided in conjunction with the Caribbean Council of Churches and Coordinadora Ecumenica de Servicio.

II Water Provision Program, Zambia.

Investment in a rural organization's water provision program in conjunction with Family Farms Limited.

FUTURE PLANS

No specific plans. Will continue to operate in a responsive manner to requests from overseas churches and those co-ordinated by the World Council of Churches.

1.32 UNITED NATIONS CENTRE FOR HUMAN SETTLEMENTS (HABITAT) Office for North America and the Caribbean

Faculty of Environmental Studies, York University
4700 Keele Street
North York, Ontario M3J 1P3
Telephone: (416) 736-5377 Telex: 06-218486
Contact Person: Mr. Yvo de Boer

PURPOSE/ OBJECTIVES	To serve as a regional centre for information on international human settlement issues and the work of UNCHS (Habitat). The office seeks to develop joint activities with other organizations in the region and to promote interest in shelter issues.
ASSISTANCE	<ul style="list-style-type: none">- Material Support: equipment, resource materials, etc.- Training in Canada and overseas- Research and information material
SPECIALIZATION	<i>- Seminar and workshop organization, networking, information dissemination, and research</i>
LANGUAGES	English and French.
COUNTRIES	They have project experience in most developing countries and are interested in working in North America and the Caribbean.
PROJECTS	<p>I Habnet, Canada, 1988-ongoing. This project involved the establishment of a computer network that provides information on human settlement issues. UNCHS was the co-ordinating partner. The project is being done in partnership with WEB, Canada's non-profit communications network and York University.</p> <p>II Integrated Urban Management, Canada, 1988-ongoing. As the co-ordinating partner, UNCHS promotes discussion among a variety of Canadian organizations on urban management issues. This project is done in partnership with York University.</p> <p>III Access to Housing Conference, Canada, 1989. UNCHS organized an international workshop and developed an international agenda on Third World shelter issues. As co-ordinator, UNCHS worked in conjunction with the Canadian Housing and Renewal Association and Shelter for the Homeless Foundation.</p>
FUTURE PLANS	UNCHS plans to promote interest in human settlement issues, stimulate collaboration among Canadian organizations, and provide information on international human settlements issues.

1.33 VICTORIA Y INTERNATIONAL

880 Courtney Street
Victoria, British Columbia V8W 1C4
Telephone: (604) 386-7511
Contact Person: Mabel Jean Rawlins-Brannan

PURPOSE/ OBJECTIVES	Provides community development projects to villages in Gambia. Well digging, irrigation, day care building, kitchens, co-operative stores and pit toilets are elements of such projects.
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Technical assistance, co-operation, and consulting- <i>Financial aid is provided on a 'Y' to 'Y' basis only</i>
SPECIALIZATION	<ul style="list-style-type: none">- Upgrading/Sites & Services- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Community Development- Rural/Regional Planning- Economic Development- Construction- Appropriate Technology/Building Materials- Finance
LANGUAGES	English
COUNTRIES	Shelter experience in Gambia.
PROJECTS	<p>I Borehole for Penjemie Village, Gambia, 1986-ongoing. This project will connect the village to a large aquifer capable of sustaining irrigation over future drought periods. The "Y" provided partial funding and technical assistance while working in partnership with the YMCA of Gambia and community council of Penjemu Village.</p> <p>II Multipurpose Centre, Gambia, 1987-1988. Construction of a building for use as a primary school, a centre for primary health care training, vocational training, and in training of women in non-traditional jobs such as tailors. Funding for the project was provided by the "Y" who worked in partnership with the YMCA of Gambia.</p> <p>III Talokoto Village Development Project, Gambia, 1988. Digging wells for irrigation; providing materials for a daycare, a co-operative store building, a kitchen, pit toilets, irrigation system; providing rotating capital funds for store, seeds and tools; and providing technical advice. The "Y" provided funding for technical assistance and worked in conjunction with the YMCA of Gambia and the Community Council of Talokoto Village.</p>

1.33 VICTORIA Y con't

FUTURE PLAN

To continue providing rural community development projects focusing on women and long term sustainable development. The group is small but they have developed a certain expertise in rural development.

1.34 VIDEOGRAPHE

4550, rue Garnier
Montréal, Québec H2J 3S7
Telephone: (514) 521-2116
Contact Person: Alexis Roshuk and Suzie Beaulieu

PURPOSE/ OBJECTIVES	Video International, a division of Videographe, works in cooperation with NGO's to produce and distribute video development education material.
FOUNDED	1969
ASSISTANCE	<ul style="list-style-type: none">- Material support: equipment, resource materials, etc.- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Appropriate Technology/Building Materials
LANGUAGES	French and English. Videos also available in Spanish.
COUNTRIES	Shelter experience in Honduras, Haiti, Mexico, and Colombia. They would like to work in Africa, South-East Asia, India, and Latin America.
PROJECTS	<p>I L'Invasion, Colombia, 1987. A ten minute video produced and distributed by Videographe which focuses on 300 homeless families who "invaded" a private property and built their community. Videographe worked with Production Lany and la Fundacion del Sinu.</p> <p>II Pedimos Paz, Honduras/El Salvador, 1987. This six minute video focuses on Salvadorian refugees in Honduras. Videographe worked with de Montréal au Monde.</p>
FUTURE PLANS	Exchanges with Latin American video producers and production of documentaries on different aspects of development.

1.35 WORLD RELIEF CANADA

201 Consumers Road, Suite 206

Willowdale, Ontario M2J 4G8

Telephone: (416) 494-9930 Telex: 06-986279 WRCAN TOR

Contact Person: Barry MacKey, Vice-President International Ministries

PURPOSE/ OBJECTIVES	Housing reconstruction programs in Colombia and El Salvador.
FOUNDED	1974
STAFF	Total: 33 Canada: 13 Overseas: 20
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Roads/Drainage- Community Development- Construction- Rehabilitation and Reconstruction
LANGUAGES	English and French
COUNTRIES	World Relief Canada has experience working in Colombia and El Salvador and is interested in working wherever there is a need.
PROJECTS	<p>I Colombia- Llano Flood, Columbia, 1987-1988. This project built 20 homes to replace homes destroyed or left unusable by flooding. As project administrator World Relief Canada worked with the Canadian Council for International Co-operation (CCIC) and the The Evangelical Alliance Mission.</p> <p>II Nevado Del Ruiz Rehabilitation, Columbia, 1987-1988. As part of the rehabilitation of 100 families in the town of ChinChina, World Relief Canada assisted 24 families in constructing their own homes, improving health conditions and organizing a bi-monthly health team. World Relief Canada was the project administrator working with CCIC and Alfalit of Colombia.</p> <p>III San Salvador House Reconstruction, El Salvador, 1987-1988. As a result of the October 1986 earthquake many families still live in temporary housing. This project seeks to build 125 houses for families in the communities of San Marcos and "22nd of April". In partnership with CCIC and Church Coalition-San Marcos, World Relief Canada acted as the project administrator.</p>

1.35 WORLD RELIEF con't

FUTURE PLANS

World Relief Canada works on a project by project basis. Shelter projects will be considered, but their work is not limited to shelter activities.

1.36 WORLD UNIVERSITY SERVICES OF CANADA (WUSC)

P.O. Box 3000 Station C

Ottawa, Ontario K1Y 4M8

Telephone: (613) 725-3121 Telex: 053-3691 Telegram: WUSCAN FAX: (613) 725-1910

Contact Person: Gilles Latour

PURPOSE/ OBJECTIVES	WUSC provides technical assistance at the volunteer, young professional and expert level. They also design and administer academic and practical training in Canada.		
FOUNDED	1939	INCORPORATED	1957
STAFF	Total: 150 Canada: 150		
ASSISTANCE	<ul style="list-style-type: none">- Financial: helping to access funds- Training in Canada and overseas- Technical assistance, co-operation, and consulting		
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Transportation- Co-operative Development- Community Development- Economic Development- Appropriate Technology/Building Materials- Rehabilitation and Reconstruction- <i>Education and Training</i>		
LANGUAGES	English, French and Spanish		
COUNTRIES	WUSC has project experience in Lesotho, Ethiopia, Sudan, Peru, and Mali. No constraints or preference for future project location, but infrastructure exists in Ethiopia, Sudan, Zaire, Tunisia, Mali, Guinea, Gabon, Zimbabwe, Malawi, Swaziland, Botswana, Lesotho, Peru, Bhutan, and Indonesia.		
PROJECTS	I Ethiopia Project, 1984-1988 WUSC administered an emergency relief program for the United Nations High Commissioner for Refugees in the Hararghe region of southern Ethiopia. The program provided relief in three areas: food distribution, health and water. Water relief was accomplished by improving the water storage capacity at the distribution centres, and by improving water quality through small scale construction and repair of existing facilities throughout the Hararghe region. Health relief included the provision of feeding centres, the establishment of mobile clinics and the supply of drugs to clinics and hospitals.		

1.36 WUSC con't

II Adopt-a-Village Projects, Ethiopia, 1984-Present.

These projects incorporate the people-to-people appeal of other relief projects with the longer-term approach needed for the provision of durable solutions. The idea provides an effective target for relief assistance that is clearly identifiable and broken down into a manageable community project. It also heightens a community's awareness of Third World development issues. Canadian communities and groups can adopt a village in Ethiopia in order to provide them with the basic needs as outlined in the above project. A maritime province adopted the village of Degabor, and the University of Toronto WUSC Committee challenged the Toronto community to adopt Gode, Ethiopia. All adopt-a-village projects are co-ordinated by WUSC's national headquarters in Ottawa.

FUTURE PLANS

WUSC is a service, not a funding organization, and is therefore responsive to a broad range of requests which fall within its range of experience and expertise.

1.37 WORLD VISION CANADA (WVC)

6630 Turner Valley Road

Mississauga, Ontario L5N 2S4

Telephone: (416) 821-3030 Telex: 06-23112

Contact Person: Mr. Jim Carrie, Director Overseas Programs

PURPOSE/ OBJECTIVES

WVC is a trans-demoninational, Christian service organization committed to meeting human need and providing Christian witness in its Ministry.

FOUNDED

1950

INCORPORATED 1968

STAFF

Total: varies Canada: 157 Overseas: varies

ASSISTANCE

- Financial: direct or helping to access funds
- Material support: equipment, resource materials, etc.
- *Personnel*

SPECIALIZATION

- Community Development
- *Food Production/Management*
- *Health and Population*
- *Housing/Shelter*
- *Relief/Emergency Work*
- *Skills Development*

LANGUAGES

English

COUNTRIES

Shelter project experience in Africa, Asia and Latin America.

PROJECTS

I Mtanda, Malawi, 1988-1990.

The goals of the project are: to construct 2 two-classroom blocks and two teachers houses; protect two shallow wells; build two small bridges, providing improved local access to schools and markets; continue skills training in poultry farming, carpentry, and home management, with emphasis on nutrition and sanitation; provide a revolving loan fund for the purchase of seeds and fertilizers, and for poultry keeping; and continue adult literacy programs. This project is being carried out in partnership with Central Africa Presbyterian, Nkhoma Synod. The local community organization will provide labour, locally available materials such as sand and stones, and oversight through the project committee.

II Katungulu Community Development, Tanzania, 1985-1988.

This project enabled the community to become economically and nutritionally self-reliant through the implementation of programs in water, health, agriculture, income-generation, and vocational training. The community provided all related unskilled labour and local resources toward achieving project objectives. They also participated in project planning and evaluation activities. The specific activities were: the purchase of 7 kilometres of water pipe to extend available water throughout the region; the purchase of seeds and fertilizer to be distributed to 340 families; the purchase of a milling machine and the construction of a shed to house

1.37 WORLD VISION con't

the unit. The project was done in partnership with the Africa Inland Church.

III Saquinho Community Development, Quixada, Brazil, 1987-1989.

The goals of this project are; to promote sanitation through use of latrines; to continue a program of agricultural assistance, with an emphasis on a collective approach and a seed bank; continue a literacy program for children between the ages of seven and ten; and to promote preventative and curative health care, with the support of the municipal government. The project is being completed in partnership with Igreja Evangelica Assembleia de Deus em Quixada.

2.0 ACADEMICS AND ACADEMIC INSTITUTIONS

This section of the Guide lists both individuals and institutions. Three of the organizations listed act as starting points for individuals and groups wanting to access Canadian academic resources. They are the Association of Canadian Community Colleges (ACCC), the Association of Universities and Colleges of Canada (AUCC) and the International Development Research Centre (IDRC).

ACCC provides information, research and liaison services for and about the Canadian college community. At the core of ACCC's international involvement is the Program Development Fund, which ACCC administers. This fund is designed to support small institutional development projects between member institutions and their colleagues in the developing world. Projects are developed by member institutions with a Third World colleague, within the regulations established by ACCC and CIDA. In order for an institution to access ACCC's resources they need to have formed a linkage with a Canadian institution. The ACCC facilitates linkages between Canada and developing countries but they are only open to project proposals which involve one of their member institutions.

The International Division of AUCC acts as a point of contact between Canadian universities, educational institutions outside Canada, and appropriate federal and provincial agencies and departments. If an individual or a group wish to study in Canada they should write to the International Division of AUCC in Canada, outlining what they wish to study, their qualifications and areas of experience. AUCC will respond with a list of institutions offering courses and programs in their area of interest. If a group or individual wishes to develop a project with a Canadian university they should write a proposal outlining their resource needs. AUCC will respond with a list of available resources applicable to the proposed project, ie. academics, ongoing projects, technical expertise. After receiving this information, it is up to the individual or group to communicate directly with the most appropriate Canadian institution.

IDRC is a public corporation which enjoys substantial funding from CIDA. It provides financial and professional support to groups and individuals conducting research into problems of developing regions. Information can be acquired by contacting the nearest regional centre. IDRC's seven divisions offer support to projects in their areas of specialization as well as making development information, films and literature available on request. Each division can support projects conceived realized and managed by Third World researchers as well as co-operative projects which are the result of the collaboration of researchers in developing countries and their Canadian counterparts.

Twenty individual academics and institutions are listed in addition to the ACCC, AUCC and IDRC. Of these, twelve have significant shelter experience. This includes one institute focussed on water and sanitation, two individuals with very comprehensive backgrounds, three institutions focussed on building materials sciences and six faculties with broader experience and several involved faculty members.

In addition to funding through IDRC, academic institutions draw on funds from the Institutional Co-operation and Development Services Division of CIDA which includes a section dealing with academic institutions. They might also access bilateral funds when involved in major research, consulting or institution building programs.

2.1 ASSOCIATION OF CANADIAN COMMUNITY COLLEGES

110 Eglinton Avenue West, 2nd Floor

Toronto, Ontario M4R 1A3

Telephone: (416) 489-5925 Telex: 06-217566 ACC INTL TOR

Contact Person: Jean Barbant, Director, International Division

PURPOSE/ OBJECTIVES

The Association of Canadian Community Colleges (ACCC) was incorporated in 1972 to provide leadership and support in the delivery of life long learning opportunities which promote the total development of the individual, and of the society in which he or she functions.

International Services is the bureau within ACCC which plays a role in Third World development. Its international activities are designed to be flexible, culturally sensitive and mutually beneficial. They are based on the philosophy that human resource development is fundamental to any nation's progress and eventual self-sufficiency, and that Canada's colleges have the necessary experience, expertise and entrepreneurial spirit to assist other countries in their development objectives.

ASSISTANCE

- Financial: direct or helping to access funds
- Material Support: equipment, resource materials, etc.
- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Upgrading/Sites & Services
- Water Supply/Sanitation
- Roads/Drainage
- Transportation
- Community/Education Facilities
- Co-operative Development
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development
- Construction
- Architecture
- Appropriate Technology/Building Material
- Finance

COUNTRIES

Members of ACCC have worked as consultants in a number of countries, including Cameroon, China, Colombia, Jamaica, Kenya, Morocco, and Singapore.

RESOURCES

ACCC makes available to international clients all the resources and capabilities of ACCC's member colleges.

2.1 ACCC con't

PROJECTS

I Technical and Vocational Training, Kenya.

This project was done for the Kenya Institute of Technology Association (KITA) and included the review and upgrading of eight institutions, Harambees, through technical assistance and fellowships. It included the establishment of new programs focusing on water technology, agriculture and building technology, construction of staff accommodation, and procurement of agriculture and transportation equipment.

II Integrated Rural Development, Colombia.

To promote integrated rural and human resource development, Canadian training attachments and specialists in various disciplines developed fifteen model farms in the Cauca Valley. The client was Fundacion para la Aplicacion y la Ensenanza de las Ciencias.

III Women's Entrepreneurial Training, Jamaica.

In order to develop entrepreneurial skills and strengthen the role of small enterprise in the national economy, training programs directed at women establishing or operating small businesses are designed and implemented in partnership with the Jamaica Bureau of Women's Affairs.

2.2 ASSOCIATION OF UNIVERSITIES AND COLLEGES OF CANADA

151 Slater Street

Ottawa, Ontario K1P 5N1

Telephone: (613) 563-1236 Telex: 053-3329 Cable: CANUF Ottawa Fax: (613)563-9745

Contact: Dr. John W. Berry, Director, International Division or

Ms. Eva Egron-Polak, Assistant Director, International Division, Academic Relations or

Dr. Fernand Caron, Assistant Director, International Division, Development Programs

PURPOSE/ OBJECTIVES

The Association of Universities and Colleges of Canada (AUCC) was incorporated in 1965 'to foster and promote the interests of higher education in Canada'. The AUCC is composed of six divisions: Awards, Communications, Finance and Administration, Government Relations, International, and Research, Policy and Planning.

The Awards and International Divisions are involved in international activity. The Awards Division administers international scholarships and exchange programs. The International Division promotes and facilitates the international initiatives of Canadian universities. There are two sections within the International Division. The first is Academic Relations which is responsible for scholarly exchanges, representation with regard to bilateral mixed commissions and international organizations, liaison with the Canadian Department of External Affairs, universities, and diplomatic missions in Canada and abroad. The second section, Development Programs, is responsible for the extensive activities directly related to Canada's Official Development Assistance program.

ASSISTANCE

- Financial: help access funds
- Training in Canada
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Water Supply/Sanitation
- Roads/Drainage
- Transportation
- Community/Education Facilities
- Co-operative Development
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development
- Construction
- Architecture
- Appropriate Technology/Building Material
- Finance

COUNTRIES

AUCC does not execute projects overseas. It performs a facilitative and administrative role in linking a variety of Third World and Canadian

2.2 AUCC con't

institutions. Some of the countries include: China, Indonesia, Malaysia, Philippines, Singapore and Thailand.

RESOURCES

To aid in its networking role, AUCC maintains a computerized database on Canadian University Projects in International Development (CUPID). AUCC responds to requests from foreign institutions about Canada's higher education system, and what it has to offer, as well as requests from Canadian institutions about opportunities abroad.

The International Division publishes material on international development and education in Canada, to keep both the Canadian and overseas communities up to date.

PROJECTS

I Thailand Institutional Linkages Program, Thailand, Ongoing.

The Canadian International Development Agency (CIDA) funds this program through its Institutional Linkages Program. AUCC helps establish linkages between Canadian and Thai universities, disseminates information about Thailand and Thai higher education, and assists participating universities in reporting and implementation procedures.

II South-East Asian Ministers of Education Organization (SEAMEO), 1987-1991.

The AUCC is working in partnership with the Association of Canadian Community Colleges (ACCC) on this CIDA funded project. It includes the placement of Canadian academics, for extended periods of time, in SEAMEO centres, the implementation of community based projects, and the establishment of institutional linkages. SEAMEO centres are located in Indonesia, Malaysia, Philippines, Singapore, and Thailand.

III Canada/ China University Linkage Program (CCULP), China, Ongoing.

The AUCC assumed the administration of CCULP under the terms of an agreement signed with CIDA. This agreement provides funds to support linkage arrangements between universities in Canada and educational institutions in China. The main objective of the program is to strengthen Chinese institutions through faculty exchanges, collaborative research, curriculum development, and graduate training in Canada. This project is being done in partnership with the Chinese Ministry of Foreign Economic Relations and Trade.

FUTURE PLANS

Continued support of Canadian university international initiatives.

PUBLICATIONS

Synergy: Canadian Initiatives for International Health, Ottawa, Canada:
AUCC, published quarterly.

Canadian Universities in International Development, Ottawa, Canada:
AUCC, published quarterly.

University Affairs, Ottawa, Canada: AUCC, published monthly.

2.3 CEGEP DE SAINT-LAURENT

625 boul. Ste-Croix

Saint-Laurent, Québec H4L 3X7

Telephone: (514) 747-6521

Contact Person: Marcel Brien, Special Advisor to the President

PURPOSE/ OBJECTIVES	College level training in architecture and water treatment, industrial sanitation and safety.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Conventional Housing- Water Supply/Sanitation- Construction- Architecture- Appropriate Technology/Building Material- <i>Industrial sanitation and safety</i>
COUNTRIES	No previous shelter experience, but would like to work in Latin America.
RESOURCES	Marcel Brien, is Special Advisor to the President. He is interested in training, at college level, architecture, electronics, mechanics, environment, computer sciences and wordprocessing. His working languages are French and English.
PROJECTS	Project in preparation with Fundacion Tierra Nueva in Columbia.
FUTURE PLANS	A co-operation and development program started in January 1988. CEGEP Saint-Laurent has the experience of training individual foreign students in Canada, and they want to enlarge this activity in Canada and in other countries.

2.4 COADY INTERNATIONAL INSTITUTE St. Francis Xavier University

Antigonish, Nova Scotia B2G 1C0
Telephone: (902) 867-3960

- PURPOSE/
OBJECTIVES** To strengthen institutions and organizations engaged in human and institutional development with disadvantaged peoples in Third World countries.
- ASSISTANCE** - Training in Canada and overseas
- SPECIALIZATION** - Low-cost Housing
- Co-operative Development
- COUNTRIES** Candidates from Asia, Africa, Latin America and the Caribbean are accepted into all Institute based courses. As well, development workshops are conducted with partner institutions in all of these continental areas.
- RESOURCES** No faculty has been directly involved in Third World shelter assistance. Personnel resources are available with Canadian experience in co-op housing. In 1987 a Tanzanian housing co-op development officer participated in a training course at Coady, other housing people have also been trained at Coady.
- PROJECTS**
- I Six month diploma program in social development.**
The purpose of the course is to train personnel of Third World development agencies so that these agencies will be able to implement their programs of social change more effectively. The method of teaching stresses a process of critical reflection on development and on the implementation of programs and projects. It places emphasis on overcoming the personal, collective, structural, cultural and ecological constraints to development in the Third World. In addition to course work participants take part in interest workshops, field observation exercises, and development workshops. The diploma program runs from June to December annually.
- II Certificate Program in Development Studies.**
The Development Studies program consists of three separate 15 day courses each offered in alternate years. The three courses are:
- Implementation of Development Policies (Candidates for civil administration only);
 - Participatory Program Planning and Evaluation (Candidates from government and non-government organizations);
 - Management for Change: NGO's (Candidates from NGO's only).

2.4 COADY con't

III Certificate in Co-operative Studies

The Co-operative Studies program consists of three separate 15 day workshop courses each conducted in alternate years. The workshop courses are:

- Co-operative Innovations For the 90's (1988)
- Savings and Credit Models (1989)
- Social Audit Procedures (1990).

IV Consultations on Development Issues

Each year, the Institute mounts a consultation on a significant development issue. Experts from abroad are invited to contribute to these consultations. The Institute's program is enhanced by this input and library resources are expanded for the issues in question.

V Overseas Development Program

The overseas development program consists of development workshops, program consultancies, and special projects.

Approximately 30 development workshops are conducted annually, with Third World partner institutions. Workshop content includes the broad range of development concepts, methods and skills accepted as essential to the development process. Program consultancy and evaluation input is made periodically on request of partner institutions.

The Special Projects component consists of integrated inputs provided in particular situations. As a rule, in these cases, the Institute acts as the executing agency for CIDA in co-operation with a Third World partner organization.

PUBLICATIONS

Co-operative Housing Methods, D. McIntyre. Nova Scotia: Extension Department, St. Francis Xavier University.

Consultation on Low-Cost Housing. 1988.

2.5 DALHOUSIE UNIVERSITY Centre for African Studies

Dalhousie University
Halifax, Nova Scotia B3H 4H6
Telephone: (902) 424-3814 Telex: 019 21836

- PURPOSE/
OBJECTIVES** Interdisciplinary analysis of Africa's development problems and prospects, including public policy, education, health and gender.
- ASSISTANCE**
- Training in Canada and overseas
 - Technical assistance, co-operation, and consulting
 - Research and information
 - *Co-publications*
- SPECIALIZATION**
- Community/Education Facilities
 - Rural/Regional Planning
 - Economic Development
 - *Women and Development*
 - *Political Economy*
- COUNTRIES** Past academic and consultancy projects in Ghana, Nigeria, Kenya, Tanzania and Zimbabwe. They are interested in working in anglophone Africa.
- RESOURCES**
- I Professor Timothy M. Shaw is interested in African development with a special interest in political economy and foreign policy in western and southern Africa. He has experience working in Anglophone Africa and his working language is English.
- II Associate Professor Jane L. Parpart is primarily interested in African history with a special interest in the workers and women of Central Africa. She has experience in Zambia, Zimbabwe and Nigeria and her working language is English.
- III Associate Professor David F. Luke is interested in African development administration with a special interest in reform and the state. He has experience in Ethiopia, Sierra Leone and Botswana and his working language is English.
- PROJECTS**
- I Womens Studies, Nigeria, 1987-1990.
Inter-university linkage with the ICDS Division of the Canadian International Development Agency (CIDA), Dalhousie University/Mount Saint Vincent University with University of Ife, located in Ibadan Nigeria, to develop family, library and publication resources. The Centre for African Studies acted in conjunction with Mount Saint Vincent University, Halifax and University of Ife, Ibadan, Nigeria.

2.5 DALHOUSIE con't

II Business and Public Administration, Zimbabwe, 1984-1990.

Inter-university linkage with CIDA to develop business and public administration courses, particularly MBA, at the University of Zimbabwe. The Centre was co-sponsor with the University of Zimbabwe.

III Public Management, Ghana, 1975-1980.

Management for change linkage with Ghanaian initiative for management and public management. Acted as co-sponsor with GIMPA, Greenhills, Accra a Ghanaian consulting firm.

FUTURE PLANS

To continue involvement in African development issues and projects.

PUBLICATIONS

Women, Employment and the Family in the International Division of Labour, Sharon Stichter and Jane L. Parpart (eds.) London: MacMillan, 1988.

Women and the State in Africa, Jane L. Parpart and Kathy Standt (eds.) Boulder, Lynn Rienner, 1988.

Issues In and Prospects for Co-operation between Africa and the International Community, Jerker Carlson and Timothy M. Shaw (eds.)

African Development Management Reform, David Fashole Luke (ed.) Baltimore: John Hopkins University.

Economic Crisis in Africa: African Perspectives on the Future Development of Their Continent, Adelayo Adedeji and Timothy M. Shaw (eds.) Boulder: Lynne Rienner, 1985.

2.6 INSTITUT DE TECHNOLOGIE AGRO-ALIMENTAIRE

3230, rue Sicotte
St. Hyacinthe, Québec J0H 2A0
Telephone: (514) 773-7401

PURPOSE/ OBJECTIVES	To assist with training and consulting in rural construction and renewable energy.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Water Supply/Sanitation- Community/Education Facilities- Construction/<i>Rural</i>- <i>Renewable Energy</i>
COUNTRIES	The Institute has shelter experience in Niger and would also like to work in Burkina Faso, Algeria, and Zaire.
RESOURCES	I Denis Millette is a Professor with experience in renewable energy. He has worked in Niger, Mali and Burkino Faso. His working languages are French and English.
PROJECTS	I Human Resources Development in the Sahel, 1986. The Institute evaluates the situation of technical and professional training institutions in sectors related to socio-ecological balance. The study in Niger, Mali and Burkino Faso was done with the Association of Community Colleges Canada (ACCC). II Institutional Co-operation in Renewable Energy, Niger, 1987. The Institute was responsible for preparing a proposal to develop renewal energy resources in Niger. The Project was done with the ACCC and the Institut Pratique de Developpment Rural de Kollo au Niger.
FUTURE PLANS	To continue work on renewable energy in the Sahel region.

2.7 INTERNATIONAL DEVELOPMENT RESEARCH CENTRE

P.O. Box 8500

Ottawa, Ontario K1G 3H9

Telephone: (613) 236-6163 Telex: 053-3753 Cable: RECENTRE OTTAWA

Fax: (613) 238-7230

Contact: Ottawa or one of six Regional Centres.

Eastern and Southern Africa

IDRC

P.O. Box 62084

Nairobi, Kenya

Telephone: 330850

Telex: 23062 RECENTRE

Cable: RECENTRE NAIROBI

West & Central Africa

CRDI

B.P. 11007

C.D. Annexe

Dakar, Sénégal

Telephone: 24-42-31

Telex: 21674 RECENTRE SG

Cable: RECENTRE DAKAR

North Africa & the Middle East

IDRC/CRDI

P.O. Box/ B.P. 14 Orman

Giza, Cairo, Egypt

Telephone: 738760

Telex: DEVCN UN 92520

Latin America & the Caribbean

CIID

Apartado Aereo 53016

Bogota, D.E., Colombia

Telephone: 2558600

Telex: 45366

Cable: RECENTRE BOGOTA

Southeast & East Asia

IDRC

Tanglin P.O. Box 101

Singapore 9124

Republic of Singapore

Telephone: 2351344

Telex: RS21076

Cable: IDRECENTRE SINGAPORE

South Asia

IDRC

11 Jor Bagh

New Delhi 110003

India

Telephone: 619411

Telex: 31 61536 IDRC IN

PURPOSE/ OBJECTIVES

The International Development Research Centre (IDRC) was established in 1970 to initiate, encourage, support, and conduct research into the problems of the developing regions of the world and into the means for applying and adapting scientific, technical, and other knowledge to the economic and social advancement of those regions.

IDRC is comprised of seven divisions: Agriculture, Food and Nutrition Sciences; Social Sciences; Health Sciences; Information Sciences; Earth and Engineering Sciences; Fellowships and Awards; and the Communications. Each division can support both regular projects, those conceived, realized and managed by Third World scientists, as well as co-operative projects, which are the result of the collaboration of scientists in developing countries and their Canadian counterparts.

ASSISTANCE

- *Applied research: scientific and technical*

2.7 IDRC con't

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Water Supply/Sanitation
- Roads/Drainage
- Transportation
- Community/Education Facilities
- Co-operative Development
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development
- Construction
- Appropriate Technology/Building Material

COUNTRIES

IDRC supports projects in many developing countries in all regions.

RESOURCES

Besides offering financial and professional support, IDRC provides films and literature on request. A booklet listing IDRC's publications and films is available from the closest regional centre. This information is available in English, French and Spanish. There is a charge for films and for most IDRC publications. Requests for free information will be given special consideration.

PROJECTS

I Development of Earthquake-Resistant Buildings, Peru, 1986-1988.

Professor Marcial Blondet of Peru, and Professor Cedric Marsh of Canada, have developed structure design criteria for earthquake-resistant adobe buildings. This IDRC funded project involved the collaboration of the Centre for Building Studies at Concordia University, Montreal, Canada, and the Pontificia Universidad Catolica del Peru, Lima, Peru.

II Utilization of Firewood Stoves in Rural Areas, Sierra Leone, 1987-1990

IDRC provided funding to the University of Sierra Leone, Freetown to enable the Research and Development Services Bureau to investigate the various parameters that affect the use of fuelwood in cooking and the factors that govern the acceptability of improved stoves in selected rural areas.

III Urban Agriculture, Tanzania, 1987-1989.

Sokoine University of Agriculture, Morogoro, Tanzania received funding from IDRC to identify existing urban food-producing activities in six Tanzanian cities and to suggest, where appropriate, ways to enhance their contribution to employment and urban food supply.

IV Land Resources and Urban Finances, Senegal, 1987-1989.

This project involved the study of the institutional, political, administrative, and financial context of the mobilization and management of urban resources in Senegal and public interventions in the land sector. Funding was received from IDRC and carried out by the Ministère du Plan et de la Coopération, Dakar, and the Université de Montréal,

2.7 IDRC con't

Québec.

PUBLICATIONS

Community Participation in Delivering Urban Services in Asia, Y.M. Yeung & T.G. McGee. Ottawa: IDRC, 1986.

Basic housing: policies for urban sites, services, and shelter in developing countries, A.A. Laquian. Ottawa: IDRC, 1983.

2.8 MCGILL UNIVERSITY Centre for Minimum Cost Housing

Macdonald-Harrington Building

815 ouest, rue Sherbrooke

Montréal, Québec H3A 2K6

Telephone: (514) 398-6700 Telex: 5268510 ANSBK UNIV MTL Fax: (514) 398-7372

Contact Person: Vikram Bhatt

PURPOSE/ OBJECTIVES	The purpose of the Centre is to undertake research, educate professionals and disseminate information in the field of human settlements.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Urban/Neighbourhood Planning- Construction- Architecture- Appropriate Technology/Building Materials
COUNTRIES	Past experience in Central America, South Asia, Northwest and East Africa.
RESOURCES	<p>I Associate Professor Vikram Bhatt is interested in minimum cost housing and has worked in India and Canada. His working language is English.</p> <p>II Professor Witold Rybczynski is interested in minimum cost housing and has experience working in Mexico, Canada, India, Nigeria, and Tanzania. He is fluent in English and French.</p> <p>III Dr. Avi Friedman is an auxiliary professor interested in minimum cost housing. He has experience working in Israel and Canada, and his working language is English.</p>
PROJECTS	<p>I Village Planning and Sanitation, Sichuan, China, 1988-1990. This project involves research and planning to improve rural shelter conditions. University staff are responsible for research and training of Chinese staff. The project is being done in partnership with the Chongqing Institute of Architecture and Engineering, Chongqing.</p> <p>II Human Settlements Training, Ahmerhabad, India, 1986-1990. The University is training staff from India and developing audio visual educational material for professionals working in the field of human settlement design. The project is being done in partnership with the Vastu-shijpa Foundation, Ahmerdabad, India, with the help of the CIDA.</p>

2.8 MCGILL/MIN. COST con't

III Low-cost Urban Shelter, Indore, India, 1983-1986.

A study of low-cost housing in India was done by the University in conjunction with the Vastu-shijpa Foundation, Ahmerdabud, India. The University did research and educational training.

PUBLICATIONS

The ECOL Operation: Ecology + Building + Common Sense, Alvaro Ortega et al. 1975.

Stop the Five Gallon Flush! Witold Rybczynski (ed.) revised and updated January 1980.

Use it Again, Sam, Witold Rybczynski (ed.) May 1975.

Water Conservation and the Mist Experience, Alex Morse et al. July 1978.

Sites, Services and Supports, Research Paper No. 7, Sigrid Diehl et al. January 1981.

How the Other Half Builds: Volume 1— Space, Research Paper No. 9, Witold Rybczynski et al. December 1984.

How the Other Half Builds: Volume 2— Plots, Research Paper No. 10, Carlos Barquin et al. June 1976.

2.9 MCGILL UNIVERSITY School of Urban Planning

815 ouest, rue Sherbrooke
Montréal, Québec H3A 2K6
Telephone: (514) 398-4077
Contact Person: Jeanne Wolfe

PURPOSE/ OBJECTIVES	The objectives of the School are to: train urban planners, research urban planning problems, and give urban planning advice.
ASSISTANCE	<ul style="list-style-type: none">- Financial: helping to access funds- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Community Development- Urban/Neighbourhood Planning- Land Development/Policy
COUNTRIES	Shelter experience in Belize and Barbados. Open to opportunities in any other country.
RESOURCES	<p>I Associate Professor David Brown is interested in urban planning and computer applications. Fluent in French and English, he has worked in Belize, France, and Canada.</p> <p>II Professor Ron Rice is interested in urban transportation planning and public transit planning. He has experience in Belize, Lebanon and Canada. His working language is English, with an understanding of French.</p> <p>III Professor David Farley is interested in Urban Design. He has project experience in Bahrain, Algeria and Canada. He speaks French and English.</p> <p>IV Associate Professor Jeanne Wolfe has an interest in urban and regional planning with past experience in Belize, Barbados and Canada, working in both French and English.</p>
PROJECTS	<p>I Development Plan for Belize City, Belize, 1987-ongoing. Technical aid in the preparation of a development plan for Belize City, including a training component and research. Members of the School acted as co-ordinators, teachers and researchers. This project was carried out with the co-operation of the University of the West Indies and the Urban Development Corporation of Belize City.</p> <p>II Coastal Conservation in Barbados, Barbados, 1986-1987. A "soft" approach to shoreline conservation and the preservation and enhancement of Bajan access to beaches. Members of the School acted as researchers and report writers.</p>

2.9 MCGILL/URBAN PLANNING con't

III Design for a residential area in Bahrain, Bahrain, 1985.

Conceptual designs for a new residential area. David Farley acted as the "idea man" in conjunction with the Bahrain government

FUTURE PLANS

The School intends to continue working in the Caribbean.

2.10 NOVA SCOTIA COLLEGE OF ART & DESIGN

5163 Duke Street
Halifax, Nova Scotia B3J 3J6
Telephone: (902) 422-7381
Contact Person: Bill Smith

PURPOSE/ OBJECTIVES	Bachelor's program in environmental planning, including site planning, community planning, and landscape planning, with an emphasis on ecological processes and social issues.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and possibly overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Appropriate Technology/Building Material
COUNTRIES	Individual faculty members have worked in Peru, Mexico and Papua New Guinea. The Department is interested in working in the Caribbean area.
RESOURCES	<p>I Assistant Professor John Zuck, has experience working in Canada and his working language is English. His special area of interest is landscape architecture and site planning.</p> <p>II Associate Professor Bill Smith, has experience working in Canada and the United States in architecture, site planning and rural planning. His working language is English.</p> <p>III Associate Professor Bob Parker, is primarily interested in architecture, site planning and urban planning. He has worked in Peru, Mexico and Canada. His working languages are English and Spanish.</p> <p>IV Associate Professor Jill Grant, is interested in community planning, user participation and rural development. She has worked in Papua New Guinea and her working languages are English and Tokpisin (Neo-Melanesian).</p>
FUTURE PLANS	No specific plans at present.

2.11 PRAIRIE MASONRY RESEARCH INSTITUTE

#200 10712-176 Street
Edmonton, Alberta 5S 1G7
Telephone: (403) 489-1768
Contact Person: Dr. Michael Hatzinikolas

PURPOSE/ OBJECTIVES	The Institutes objectives are to: carry out research relating to masonry construction, evaluate masonry materials for use in construction of single and multi-family dwellings, and disseminate information to the industry.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Construction- Appropriate Technology/Building Materials
COUNTRIES	Shelter project experience in Tanzania, Nigeria, and Kenya.
RESOURCES	<p>I Dr. M. Hatzinikolas, P.Eng., is Executive Director of the Institute. His areas of interest are structural research, masonry construction and the innovative use of masonry systems. He has past project experience in Canada, Tanzania, Nigeria, Kenya and Greece, and he is fluent in English and Greek.</p> <p>II R. Pacholok, P.Eng., is a Research Engineer whose interests are in masonry related research: burned clay masonry, and lime manufacturing. He has past experience in Tanzania and Canada and his working language is English.</p> <p>III G. Strugeon, P.Eng., is a Research Engineer whose area of interest is inserts in masonry construction and masonry related research. He has project experience in Canada and his working language is English.</p>
PROJECTS	<p>I Halili Sand Stone, Tanzania, 1987-1989. The purpose of the project was to evaluate the Halili Stone for use in masonry construction (low cost housing) and establish cutting and quarry technique. The Institute acted as the prime consultants in partnership with the Tanzanian Ministry of Mines and Natural Resources.</p> <p>II Development of Low Cost Masonry Units, Nigeria, 1988-1990. Development of a hand operated machine to manufacture bricks, and the use of local materials for firing these bricks. For this project the Institute was in partnership with the Nigerian Building and Road Research Institute.</p>

2.11 PRAIRIE con't

III Construction of Kilns, Nigeria, 1988-1990.

The Institute acted as the prime consultants in partnership with the Nigerian Building and Road Research Institute.

FUTURE PLANS

To continue to work with interested groups in developing low cost housing construction techniques utilizing local materials and labour.

PUBLICATIONS

The Impact of Masonry Construction to the Local Economy, Dr. M. Hatzinikolas.

2.12 QUEEN'S UNIVERSITY

School of Urban and Regional Planning

Queen's University

Kingston, Ontario K7L 3N6

Telephone: (613) 545-2188

Contact Persons: Professor M. Qadeer, Associate Professor H.L. Leung

PURPOSE/ OBJECTIVES

Teaching from a reciprocal learning perspective and not as a paternalistic enterprise. Collaboration with Third World universities, research teams and non-government organizations in field projects and research.

ASSISTANCE

- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Community/Education Facilities
- Community Development
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development

COUNTRIES

Faculty and students have worked in Pakistan, China, Guatemala and Ghana. They are interested in working in Asia, Latin America and Caribbean countries.

RESOURCES

I Professor M. Qadeer is interested in urban master plans, real estate, sites and services, and low income housing programs. His working languages are English and Urdu, and he has worked in Pakistan, Ghana, and with the United Nations.

Associate Professor H. L. Leung is interested in city planning, land use standards and housing programs. He has experience working in China and his working languages are English and Chinese.

PROJECTS

II National Policies for Low Income Housing, Pakistan, 1986 - 1987.

M. Qadeer acted as a consultant to the National Planning Commission on Squatters' Housing Policies.

III Chinese City Planning, China, 1987.

H.L. Leung was invited by the China Commission of Science and Technology and the China Academy of Urban Planning and Design to conduct seminars and workshops for senior level professionals and academics in a number of cities. As a key lecturer and consultant, H.L. Leung worked with the China Academy of Urban Planning and Design and with various provincial academies.

2.12 QUEEN'S UNIVERSITY con't

FUTURE PLANS

The School of Urban and Regional Planning is planning a joint research project for Regional Development in China, advisory and consultancy services for urban planning in Pakistan, and a study of high density rural regions in Asia.

PUBLICATIONS

Urban Planning in the Third World, Mohammad Qadeer. New York: Praeger, 1983.

2.13 ST. PAUL'S COLLEGE

430 Dysart Road
Winnipeg, Manitoba R3T 2M6
Telephone: (204) 474-8581
Contact Person: Dr. D.J. Lawless

PURPOSE/ OBJECTIVES	St. Paul's is a Catholic University-College affiliated with the University of Manitoba.
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Water Supply/Sanitation- Roads/Drainage- Land Development/Policy- Construction
COUNTRIES	Shelter experience in the Dominican Republic.
RESOURCES	I Dr. D. J. Lawless is the College Rector and a Professor whose interests are organizational psychology and third world development. He has experience in Canada, United Kingdom, Spain, Germany, Dominican Republic, Chile, Argentina, and Brazil, working in English and Spanish.
PROJECTS	<p>I Aqueduct Project I, Caja de Palo, Dominican Republic, 1986. Nine student volunteers helped local volunteers to complete a waterline to a string of settlements. All participants were manual labourers. Students financed the trip with their own savings and by soliciting special donations.</p> <p>II Aqueduct Project II, Bocaina, Dominican Republic, 1987. Ten student volunteers helped local volunteers complete a waterline to a small settlement. All participants were manual labourers. Students raised money for their own airfare and expenses as well as \$2000 for project supplies and materials. The major portion of funding was received from Canadian Catholic Organization for Development and Peace, and Umzoo Club Incorporated.</p>
FUTURE PLANS	Aqueduct III will be undertaken in August 1988 in La Colonia, Dominican Republic. Ten student volunteers will help local volunteers to complete a waterline. Students have raised money for their own fares and expenses. St. Paul's College has received \$14,000 support from WaterCan to pay for local supplies and expenses.

2.14 RICHARD STREN, UNIVERSITY OF TORONTO Centre for Urban and Community Studies

455 Spadina Avenue, Suite 426
Toronto, Ontario M5S 2G8
Telephone: (416) 978-4093

- PURPOSE/
OBJECTIVES** Richard Stren is involved in research on urban planning and urban service delivery problems in African cities.
- ASSISTANCE**
- Financial: helping to access funds
 - Technical assistance, co-operation, and consulting
 - Research and information
- SPECIALIZATION** - *Comprehensive urban policy analysis and institutional development.*
- COUNTRIES** Professor Stren has experience in Africa and is interested in working in any region in the Third World.
- PROJECTS**
- I African Seminar on Urban Management, Africa, 1989.**
An urban management seminar, involving six African countries, is to take place in Nairobi in December 1989. This project is funded by IDRC and the Ford Foundation, and is organized with the Mazingira Institute of Nairobi.
- II Papers for World Bank.**
These papers on local government will be done for the Economic Development Institute of the World Bank.
- III Urban Administration in Africa and Latin America.**
This book is being produced for the United Nations Centre for Human Settlements.
- PUBLICATIONS**
- Coping with Rapid Urban Growth in Africa: An Overview and Annotated Bibliography in English and French,** Claire Letemendia and Richard Stren. Montréal: McGill University, Centre for Developing Area Studies, 1986.
- African Cities in Crisis: Managing Rapid Urban Growth,** Richard Stren and Rodney White (eds). Boulder: Westview Press, 1989.
- The State and Urban Society in Eastern Africa, Working Paper No. 18,** Project Ecoville. Toronto: University of Toronto, Institute for Environmental Studies, University of Toronto, 1985.
- Two Nigerian Towns in the Eighties: A Socio-Economic Survey of Idah and Makurdi, Benue State, Working Paper No. 21,** Project Ecoville. Toronto: University of Toronto, Intstitute for Environmental Studies, 1985.

2.14 STREN con't

"The African State and the Practice of Administrative Justice: Evidence from the Urban Sector" in **Administrative Justice in Africa and America**, Peter Simbi and Jacob Ngwa (eds). Wisconsin, 1988.

"Urban Services in Africa: Public Management or Privatisation?" in **Privatisation in Less Developed Countries**, Paul Cook and Colin Kirkpatrick (eds). New York: St. Martin's Press, 1988.

2.15 UNIVERSITE DE MONTREAL Institut d'Urbanisme

C. P. 6128, Succursale A
Montréal, Québec H3C 3J7
Telephone: (514) 343-6386

PURPOSE/ OBJECTIVES

To train professional planners, including students from the Third World. The Institute also carries out research, principally on land use management, and has provided technical assistance for an urban management program in Dakar.

ASSISTANCE

- Financial: helping to access funds
- Material support: resource materials
- Training in Canada and overseas
- Research and information
- *Teaching overseas*

SPECIALIZATION

- Low-cost Housing
- Upgrading/Sites & Services
- Community/Education Facilities
- Community Development
- Urban/Neighbourhood Planning
- Land Development/Policy
- Finance
- *Urban Law and Regulation of Land Use.*

COUNTRIES

Project experience in Burkino Faso, Senegal, Cote d'Ivoire and Haiti. Open to experience in French West Africa

RESOURCES

I Bernadette Blanc is an associate professor whose primary areas of interest are community service, urban planning and sanitation infrastructure. She has project experience in Haiti, Congo, and Zaire. Her working language is French.

II Jean McNeil is a professor interested in urban finances and management. She has past project experience in Senegal, Burkina Faso, Cote d'Ivoire, and Cameroon. Her working languages are French and English.

III Rene Parenteau is a professor whose primary area of interest is affordable housing. He has past project experience in Cote d'Ivoire and his working languages are French and English.

2.15 U. de M. con't

IV Michel Chevalier is a professor interested in development and organizations. He has past project experience in Tanzania and his working languages are French and English.

PROJECTS

I Land Use Management in Dakar, Senegal, 1987-1988.

As director of the project the Institute worked in partnership with Senegal Ministry of Planning and the International Development Research Centre (IDRC), Ottawa. The project involved an inventory of land ownership and revision of the land use registry.

II Management of Urban Finances Seminars, 14 countries in Africa, 1985.

The Institute acted as host and provided teaching materials for the seminars. The project was carried out in partnership with the World Bank.

III Residential Mobility in Low Income Housing, Cote d'Ivoire, 1987-Present.

As project director, members of the Institute are studying social and residential mobility in public housing in Abidjan. This project is being done in partnership with the Centre de Recherches Architecture et Urbaines d'Abidjan.

FUTURE PLANS

Assistance for the execution of a program of training in urban management in Dakar. Research on land use management in Dakar and Abidjan. Research on affordable housing in Abidjan. Consultation on the protection of residential housing stock in Cap Haitien.

2.16 UNIVERSITY COLLEGE OF CAPE BRETON Centre for International Studies

P.O. Box 5300
Sydney, Nova Scotia B1P 6L2
Telephone: (902) 539-5300

PURPOSE/ OBJECTIVES	To provide technical assistance related to both university and technological post-secondary education.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Community Development- Economic Development- Appropriate Technology/Building Materials
COUNTRIES	Past experience in Gambia and Colombia, interested in working in the Caribbean and West Africa
PROJECTS	<p>I Gambia Technical Training, Gambia, 1983-1988. Varied assistance to Gambia Technical Training Institute- automotive, electrical, carpentry, construction, etc. The Centre acted as technical advisors and curriculum design with co-operation from University College of Cape Breton, Canadian International Development Agency (CIDA), Association of Canadian Community Colleges, and GTTI.</p> <p>II Mineral Technology, Columbia, 1985-1989. As technical advisors with co-operation from University College of Cape Breton, CIDA, Universidad Francisco de Paula Santander, the Centre upgraded the Mineral Technology Program of a small University in Colombia.</p>
FUTURE PLANS	To initiate work in the Caribbean and West Africa.
PUBLICATIONS	<p>International Studies, monthly newsletter.</p> <p>Annual Report.</p> <p>International Studies: An Annotated Bibliography, 2nd edition. 1984.</p>

2.17 UNIVERSITY OF CALGARY

Department of Civil Engineering

University of Calgary

Calgary, Alberta T2N 1N4

Telephone: (403) 220-7489 Telex: 03-821545 Fax: 403 284-3697

Contact Person: Robert L. Day, Associate Professor

PURPOSE/ OBJECTIVES

The Department of Civil Engineering offers complete testing laboratories and library facilities. They have building science and engineering expertise.

ASSISTANCE

- Financial: direct or helping to access funds
- Material support: equipment, resource materials, etc.
- Training in Canada
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Water Supply/Sanitation
- Roads/Drainage
- Transportation
- Appropriate Technology/Building Materials

COUNTRIES

Past work experience in Guatemala and Bolivia with an interest in working in countries where it is appropriate.

RESOURCES

I Associate Professor R. L. Day is interested in materials science, development, and durability. He has experience working in Bolivia and Guatemala and his working language is English.

II A. Huizer is a senior instructor whose main area of interest is masonry construction. A. Huizer has past experience in Guatemala and is fluent in English and Dutch.

PROJECTS

I Natural Pozzolanas for Building Low-Cost Houses, Guatemala, 1987-1990.

Development of masonry construction materials and techniques for low-cost housing. The project is being done in partnership with the University of San Carlos, Guatemala and is funded by the International Development Research Centre (IDRC), Ottawa.

II Pozzolanas for Building in Bolivia, 1988-1991.

Development of various types of building materials using natural pozzolanas. A co-operative grant was provided by the IDRC. The Department is working in partnership with Industrias Quimicas Bolivianas, Bolivia and IDRC, Ottawa.

FUTURE PLANS

To become involved, as the need arises.

2.17 UNIVERSITY OF CALGARY con't

PUBLICATIONS

Natural Pozzolans for Building in Latin America, R. L. Day. Proceedings, Project Identification Meeting on Local Building Materials. Nairobi, Kenya: British Science Council, 1988.

Natural Pozzolans for Structural Masonry, R.L. Day, A. Huizer, and J.M. Morales. Proceedings First International Symposium of the British Masonry Society. London, England: Dec. 2 1986.

Pozzolanic Cements for Housing Construction in Guatemala and Bolivia, A. Huizer, R.L. Day. 1988 Annual Conference, Canadian Society of Civil Engineering. May, 1988.

2.18 UNIVERSITY OF OTTAWA

International Water Engineering Centre

Department Of Civil Engineering

University of Ottawa

Ottawa, Ontario K1N 6N5

Telephone: (613) 564-3432 Telex: 0533338 Fax: (613) 564-7681

Contact Person: Eric Schiller

PURPOSE/ OBJECTIVES

Water supply and sanitary waste disposal.

ASSISTANCE

- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Water Supply/Sanitation
- Roads/Drainage

COUNTRIES

Past project experience in Tanzania, Botswana, Malawi, Senegal, Cameroon, Brazil, Peru, Columbia, Haiti, and Sudan. The Centre is interested in working in Latin America and Africa.

RESOURCES

I Professor E. Schiller, specializes in hydrology, water supply and irrigation. He has experience in water resource education at technical college and university level in Tanzania and consulting in water resources training in East Africa with International Development Research Centre (IDRC).

II Professor R. Droste, has consulting experience in low cost sanitation in Eastern Africa with IDRC and experience with the Ontario Government. His specialty is in water and wastewater treatment.

III M. McGarry, is a sanitary engineering consultant in international water resources development. He has extensive overseas experience at the Asian Institute of Technology, involvement in international water supply and sanitation research with IDRC, and training related to water supply and sanitation. His areas of specialization are public health engineering overseas, and water resources programs.

IV Professor P. Wisner has extensive experience in modelling and design of urban flood disposal systems in many countries overseas.

V Professor V. Garga has 10 years experience in dam design in Latin America.

VI Professor R. Townsend has experience in road drainage and open-channel structures.

2.18 UNIVERSITY OF OTTAWA con't

VII Professor K. Adamowski has developed models to assist the analysis of floods and droughts.

VIII Professor R. Warnock has worked in highway drainage and waste disposal.

PROJECTS

I Water Supply and Sanitation Projects, 1980-1988.

Five 1-2 week courses were taught in Canada, and several courses were taught in Malawi, Botswana and Sudan. The Centre acted as organizer and educator. This project was done in partnership with IDRC, World University Services of Canada, and the Canadian International Development Agency (CIDA).

II Evaluation of Rural Water Supply Project, 1984-1986.

The Centre acted as consultant to Care Canada and CIDA. Each evaluation was one month in duration and took place in Ghana, Cameroon and Haiti.

III Teaching Advanced Water Treatment, Brazil, 1986.

As the educational advisor, the Centre assisted with the formation of a graduate training course, over a three month period. The project was three months in length done in partnership with the Government of Brazil and IDRC.

FUTURE PLANS

The Centre is focusing its efforts on new ways to provide more effective research and educational services.

PUBLICATIONS

Water Supply and Sanitation in Developing Countries, E.J. Schiller and R.L. Droste. Ann Arbor Press, 1980.

2.19 UNIVERSITY OF TORONTO

Department Of Chemical Engineering And Applied Chemistry

University of Toronto
Toronto, Ontario M5S 1A4
Telephone: (416) 978-4020 Fax: 416 978-8605
Contact Person: J.W. Smith, Professor and Chair

PURPOSE/ OBJECTIVES	Research and development on building materials, e.g. bricks, tiles from local materials at low energy cost.
ASSISTANCE	<ul style="list-style-type: none">- Material support: equipment, resource materials, etc.- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing
COUNTRIES	Past experience in Jamaica, the Department is interested in gaining experience in any country.
RESOURCES	<p>I Professor D. Barham, is interested in ceramics and has worked in Jamaica. His working language is English.</p> <p>II Professor C. R. Phillips, has worked in Australia and Jamaica. His area of interest/research is radon emanations and his working language is English.</p> <p>III M.E. Charles is a professor and Vice-Dean of the Faculty. His area of interest is rheology of suspensions and his working language is English.</p>
PROJECTS	<p>Research and Development of the Capability for Production of Bricks Utilising Jamaican Bauxite Waste, Jamaica, 1987-1989.</p> <p>The Department participated in the development of building materials. This project was done in partnership with Jamaica and International Development Research Centre (IDRC).</p>
FUTURE PLANS	To continue to carry out research and development of building materials.

2.20 UNIVERSITY OF TORONTO Faculty of Social Work

246 Bloor Street West
Toronto, Ontario M5S 1A1
Telephone: (416) 978-3265
Contact Person: Professor Caryl Abrahams

PURPOSE/ OBJECTIVES	To develop training programs in the development of co-operatives; rural, urban and neighbourhood planning; and community training.
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information- <i>Assistance in appropriate curriculum design.</i>
SPECIALIZATION	<ul style="list-style-type: none">- Community/Education Facilities- Co-operative Development- Community Development- Rural/Regional Planning- <i>Social Development</i>
COUNTRIES	Project experience in India and Sri Lanka, however past shelter projects have been principally with Canadian housing co-operatives.
RESOURCES	I Caryl Abrahams is an associate professor in the Faculty of Social Work. Her areas of interest include community development, social development, women, research in development planning, social impact assessment, co-operatives and co-operative housing. Dr. Abrahams has worked in Canadian native communities, India, Ireland, Scotland, and United States. Her working language is English, and with practice Spanish, Sinhala, and some Indian languages.
PROJECTS	<p>I Canada/Sri Lanka Social Work Education Linkage Project, Sri Lanka, 1982-1986. A co-operative linkage to revise the curriculum of the School of Social Work to reflect a social development perspective, with particular reference to their work in rural areas. Members of the Faculty acted as co-operative consultants, using a social development model. This project was done in partnership with CIDA, UNICEF, and the Ministry of Social Services (Sri Lanka).</p> <p>II Nigerian Rural Women's Co-operative, Nigeria, 1989. A project is being planned with Nigeria Rivers State University to develop co-operative training for rural Nigerian Women, specifically to address credit and entrepreneurial needs.</p>
FUTURE PLANS	Activities are largely developed by individual Professors, according to specific research interests or requests from such countries.

2.21 UNIVERSITY OF WATERLOO Faculty of Environmental Studies

Waterloo, Ontario N2L 3G1

Telephone: (519) 885-1211 ext.3591 Telex: 069-55259

- PURPOSE/
OBJECTIVES** Research in Third World housing issues, development studies and planning programs.
- ASSISTANCE** - Research and information
- SPECIALIZATION**
- Community Development
 - Rural/Regional Planning
 - Land Development/Policy
 - Architecture
- COUNTRIES** Shelter project experience in Senegal, Niger, Sudan, Thailand, Costa Rica, India, and Indonesia.
- RESOURCES**
- I **Christian Dufournaud** is an assistant professor in the geography department. His areas of interest are: common property problems; core methodology, ecological modelling; water, energy and operations research. Regions of interest to him are: Africa, Senegal and Asia.
- II **Leonard O. Gertler** is a professor in the School of Urban and Regional Planning. He is interested in Third World planning in Southeast Asia and the Caribbean. His areas of interest are: institutions for environmental management and planning; policy and planning processes; regional development; human settlements; land policy; and rural /urban interface.
- III **B. Hyma** is an associate professor in the Department of Geography. Her interests are in: geography of disease, environment and health care systems; Third World development issues with special reference to rural and urban studies; social planning and community development; aid, participation and self-reliance; population geography. Her regions of interest are: south and southeast Asia, and east and west Africa.
- PROJECTS**
- I **Rapid Urbanization Study, Senegal, 1982-1984.**
Simulation models of Dakar rapid urbanization.
- II **Energy Policy, Sudan, 1982-ongoing.**
Professor Dufournaud developed macro economic models for optimal energy policy. He is now developing a general equilibrium model. This project is being done in partnership with Ministry of Energy Republic of the Sudan.

2.22 RODNEY WHITE, UNIVERSITY OF TORONTO Institute of Environmental Studies

Toronto, Ontario M5S 1A4
Telephone: (416) 978-5243 FAX: (416) 978-3884
Contact Person: Rodney White

PURPOSE/ OBJECTIVES	To study the environmental implications of rapid urban growth in the Third World and to do infrastructure planning, including sites and service projects, in West Africa.
ASSISTANCE	- Research and information
SPECIALIZATION	- Low-cost Housing - Upgrading/Sites & Services - Water Supply/Sanitation - Roads/Drainage - Transportation - Urban/Neighbourhood Planning - Rural/Regional Planning - Economic Development
COUNTRIES	Rodney White has shelter experience in Senegal and would like to work in countries which are members of the Ecoville Network: Australia, Brazil, Chile, China, Colombia, Ecuador, Hong Kong, Indonesia, Ivory Coast, Japan, Kenya, Korea, Malaysia, Mexico, Nigeria, Philippines, Senegal, Singapore, Sudan, Tanzania, Thailand, Venezuela, and Zaire,
RESOURCES	Rodney White, is a professor of geography at University of Toronto and is associated with the Institute for Environmental Studies.
PROJECTS	Project Ecoville, 1982-ongoing. Project Ecoville is the urbanization component of the International Federation of Institutes for Advanced Study Programme for Analyzing Biospheric Changes. It consists of long term, transdisciplinary research on the environmental implications of rapid urbanization. The project emerged from a concern for certain irreversible changes observed in the biosphere as a result of rapid and large scale urbanization in the Third World during the post-colonial period. It also focuses on implications for the quality of life in the largest Third World cities. Studies include assessments of the management alternatives available to both citizens and decision makers in these cities. Project Ecoville is a network made up of twenty-six research institutions and universities, located in the countries listed above.
FUTURE PLANS	To document and distribute the results of Project Ecoville.
PUBLICATIONS	Approaches to the Study of the Environmental Implications of Contemporary Urbanization , Rodney White and Ian Burton (eds). Paris: UNESCO, 1983.

2.22 WHITE con't

Long Term Implications of Migration in West Africa, Project Ecoville Working Paper. 1984.

"The Impact of Policy Conflict on the Implementation of a Government-assisted Housing Project in Senegal" in *Canadian Journal of African Studies*, 19,3. 1985.

African Cities in Crisis: Managing Rapid Urban Growth. Richard E. Stren & Rodney R. White (eds). U.S.A.: Fredrick A. Praeger, 1988.

2.23 YORK UNIVERSITY

Faculty of Environmental Studies

L.G. Lumbers Building
4700 Keele Street
North York, Ontario M3J 1P3
Telephone: (416) 736-5252 Fax: (416) 736-5679

PURPOSE/ OBJECTIVES

The Faculty of Environmental Studies at York provides graduate education, professional development education, and research.

ASSISTANCE

- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Transportation
- Community/Education Facilities
- Co-operative Development
- Community Development
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development
- Appropriate Technology/Building Material

COUNTRIES

The faculty has shelter experience in Caribbean, Kenya, Tanzania, Indonesia, and Thailand. They are interested in working where appropriate.

RESOURCES

I Professor David Morley is interested in human settlements, action research, and international development. He has project experience in Latin America, Caribbean, Kenya, and Israel. His working language is English.

II Associate Professor Jack Craig's interests are co-operative management and international development. His working language is English and he has project experience in Tanzania.

III Professor Michel Chevalier is primarily interested in international development. Working in Africa his working languages are English and French.

IV Associate Professor Timothy Cartwright is primarily interested in international development and urban data management systems. He has past project experience in Africa, Asia and Latin America and his working languages are English and French.

2.23 YORK/F.E.S. con't

V Associate Professor Robert MacDonald is interested in alternative energy policy/technology. His working language is English and he has past project experience in Kenya.

VI Associate Professor Gerald Daly is mainly interested in human settlement planning, housing, homelessness.

PROJECTS

I Environmental Management & Development, Indonesia, 1986.

As a member of a consortium of Canadian and Indonesian Universities this project is being carried out in partnership with Dalhousie University, University of Waterloo, and University of Toronto in Canada, and University of Bandung, University of Jakarta, and University of Bali in Indonesia.

II Energy Policy, Kenya, 1985.

As a consortium member the faculty created an energy policy and trained individuals. This project was done in partnership with the Government of Kenya, the Ontario Ministry of Energy and Ontario Hydro.

III York University Habitat Centre, Canada, 1984-ongoing.

The faculty is home of the United Nations Centre for Human Settlements (UNCHS-Habitat) information office for North America and Caribbean. The faculty acts as host in partnership with UNCHS and CMHC.

FUTURE PLANS

The faculty plans to continue involvement in graduate education, professional development and research.

3.0 PROFESSIONAL ORGANIZATIONS AND CONSULTANTS

Thirty-six professional organizations, individual consultants and consulting firms are listed in this section. These include two professional associations which are taking an increasing interest in Third World shelter, the Canadian Institute of Planners (CIP) and the Royal Architectural Institute of Canada (RAIC). The CIP is currently hosting the Commonwealth Association of Planners for a four year period.

Professional associations may work with CIDA's Institutional Co-operation and Development Services Division. They have also participated in CIDA's Management for Change program and they may provide consulting services.

Eight of the consultants most involved in shelter and housing projects either work alone or in very small consultancies. Their experience suggests that they operate much like NGOs working closely with local communities and agencies. Much of their work has been targeted to low income communities. Most of the remaining organizations listed are either involved in large infrastructure and engineering projects or they have very limited shelter experience.

Many consultants work on bilateral programs through the Professional Services Branch of the Canadian International Development Agency. The specialists of this branch provide expertise to other divisions within CIDA and organize the selection of consultants. The Branch includes three Divisions: Infrastructure, Natural Resources, and Social and Human Resources Development.

The Infrastructure Division is concerned with key areas of human settlements and housing: transportation, energy, water, telecommunications and construction management. The Social Dimensions Section of the Social and Human Resources Development Division (SHRDD) includes one officer with expertise in human settlements. The Policy and Information Directorate within SHRDD co-ordinates women and development policy and is responsible for integrating the role of women into all of CIDA's programs.

The Professional Services Branch also contains a Consultant Selection Secretariat which provides services for the selection of consultants. An electronic register of registered consultants is maintained. Consultants may be from the private sector, academic institutions, professional associations, NGOs or NGLs. (1)

(1) Information about CIDA is from *The Professional Services Branch*, a booklet published by the Public Affairs Branch of CIDA, 1987. Information about this and other CIDA services can be obtained by writing the Public Affairs Branch at CIDA, 200 Promenade du Portage, Hull, Quebec K1A 0G4.

3.1 ALTERNET COMMUNICATIONS

251 Laurier Avenue West, Suite 404
Ottawa, Ontario K1P 5J6
Telephone: (613) 563-3350
Contact Person: Robert Thomson

PURPOSE/ OBJECTIVES	Alternet Communications is involved in computer communications, computer training, and project evaluation.
INCORPORATION	1987
STAFF	Total: 7 Canada: 7
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Economic Development- <i>Low cost information networks using telecommunications, data bases</i>
LANGUAGES	English, French and Spanish.
COUNTRIES	Alternet has shelter experience in Colombia, Chile, Honduras, and Mexico. They are interested in working in any other country.
PROJECTS	<p>I Evaluation of Post Earthquake Housing Projects, Mexico, 1987-1988. As a consultant, Alternet's Bob Thomson evaluated community participation and organization in post-earthquake self-help housing projects. This project was done in partnership with Canadian International Development Agency (CIDA), the Canadian Council For International Co-operation (CCIC), two Canadian NGO's and two Mexican Partners.</p> <p>II Restructuring of a Self-Help Housing Project, Honduras, 1988. This project involved the evaluation and restructuring of a two million dollar (Canadian) housing project in rural Honduras. Bob Thomson worked as a consultant recommending major changes in management, community participation, design, and materials. This project was done in partnership with Horizon Development Agency, CIDA, and Federacion Desarrollo Juvenil Comunitario Honduras (FEDEJCOH).</p> <p>III Caribbean Rights Network, Caribbean, 1988-ongoing. This project involved the development of a low cost computer communications network to facilitate education and urgent action advocacy. As a consultant and trainer, Bob Thomson aided in the purchase and installation of computers and the training of staff and volunteers in communications, word processing, desktop publishing and databases. The project is being done in partnership with the United Church of Canada, OXFAM Canada, Caribbean Rights Liason Office and seven member human rights associations.</p>

3.1 ALTERNET con't

PUBLICATIONS

Militarization, Human Rights & the Threat to Caribbean Democracy, Paper presented at conference on Militarization & Development. Queen's University, January 1987.

Third World Development Trends to the Year 2000. Ottawa: CUSO, 1985.

"Agricultural Self-Reliance in Grenada: An Alternative Model", in **Rural Development in the Caribbean**, P.I. Gomes (ed.) London: C. Hurst & Co., 1985.

"The Caribbean after Grenada", **International Journal**, Spring 1985.

Canada's Aid and Trade Relations with Nicaragua. Toronto: Canada-Caribbean-Central America Policy Alternatives, 1984.

"Canada's Search for a Latin America Policy", **Canadian Association of University Teachers' Bulletin**, October 1982.

3.2 LAWRENCE ALTROWS, Consultant

74 Monarch Park Ave
Toronto, Ontario M4J 4R2
Telephone: (416) 979-5165

PURPOSE/ OBJECTIVES	To provide expertise in program development and evaluation based on knowledge of the Latin America reality and political situation.
STAFF	Total: 1 Canada: 1
ASSISTANCE	<ul style="list-style-type: none">- Technical assistance, co-operation, and consulting- Research and information- <i>Program development, analysis of program potential, and evaluations.</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning
LANGUAGES	English, French, Spanish and some Portuguese.
COUNTRIES	Shelter project experience in Colombia, Mexico, Central America, Bolivia, Brazil, Peru, Ecuador, Panama, Cuba, Martinique and Ghana. He is interested in working in Africa and Asia.
PROJECTS	<p>I Evaluation of CIDA Program of Self-Help Housing, Colombia. Lawrence Altrows headed a team of four evaluators for eight months. The other three members were John Turner, an expert on self-help housing, a Colombian architect/planner and a Canadian economist/planner. The program was financed by the Canadian International Development Agency (CIDA) and carried out through a Colombian NGO counterpart. The evaluation was sponsored by, and completed for, CIDA.</p> <p>II International Urban Institute, Canada. As an advisor Lawrence Altrows was a member of an Advisory Group to establish a new International Urban Centre, to be located in Toronto. Nine people developed a model for involvement of non-government organizations (NGO'S) and academic institutions with local government. The second part of this project was a special mission undertaken to Brazil with a view to investigate institutional counterparts for the Urban Institute in Latin America. The mission was sponsored by the City of Toronto.</p> <p>III A Canadian Council For International Cooperation (CCIC) Mission, El Salvador and Honduras, 1985. CCIC sponsored a mission to El Salvador and Honduras to formulate an NGO position on bilateral aid between Canada and El Salvador; and to investigate the situation with respect to repatriation of Salvadorian refugees in United Nations Commissioner for Refugees (UNCHR) camps</p>

3.2 ALTROWS con't

in Honduras.

FUTURE PLANS

Lawrence Altrows would like to continue working in the above fields. He is a professor at Ryerson Polytechnical Institute and has developed a Human Settlement program to start during the 1988 academic year. He conducted action/research on the question of community development and political representation in Latin America during his 1988 sabbatical year.

PUBLICATIONS

Logement et Planification en Martinique. Paper prepared for the French Departmental Government of Housing in Martinique, 1972.

Migration in Ecuador. Ryerson Polytechnical Institute, Occasional Papers, 1982.

Evaluation of the Construyamos-Royal Architectural Institute of Canada Program in Colombia. Report prepared for CIDA, June 1987.

International Urban Development, Recent Experiences and Models. Paper for Canadian Association of Urban Planners, 1988.

3.3 ANDRE HOFFMANN URBANISTE & ARCHITECTE

2175 rue Crescent
Montreal, Quebec H3G 2C1
Telephone: (514) 843-8582
Contact Person: Lionel Lefebvre, Architect (CIDA)

PURPOSE/ OBJECTIVES	Andre Hoffmann Urbaniste & Architecte will operate either alone or as part of a multidisciplinary team, depending on the needs. They will carry out: evaluations of housing or other projects/needs; location studies; urban and architectural planning and design.
INCORPORATION	1956
STAFF	Total: 5 Canada: 3 Overseas: 2 (associates)
ASSISTANCE	- Technical assistance, co-operation, and consulting
SPECIALIZATION	- Low-cost Housing - Conventional Housing - Community/Education Facilities - Urban/Neighbourhood Planning - Rural/Regional Planning - Land Development/Policy - Architecture
LANGUAGES	English, French, Roumanian, Hungarian, and Hebrew.
COUNTRIES	Shelter experience in Zaire, Rwanda, Guatemala and Madagascar, with an interest in working anywhere.
PROJECTS	I Narinda A New Town and Port for 50,000 Residents, Madagascar, 1972-1973. This was an United Nations Development Program (UNDP) project for which Andre Hoffmann was resident planner in charge of programming, site selection, co-ordination with the experts at Metra-Paris, and Master Plan plan preparation with Project Planning Toronto. The project was completed in co-ordination with Project Planning International Toronto, METRA/LCHF Paris and Malagasy Public Works. II Forestry School in Bengamisa, Zaire, 1978-1981. This project involved the development of site and services for existing and proposed educational facilities and housing, requiring design, estimates and calls for proposals. The firm was the consulting Architect/Planner and completed fact finding missions and technical work. The project was completed in conjunction with Canadian International Development Agency (CIDA) and the Ministry of Education, and Public Works in Zaire.

3.3 ANDRE HOFFMANN con't

III Housing For Railway Employees In Morogoro, Tanzania, 1982-1983.

This project involved programming, site planning, and a study of housing prototypes, construction methods and cost estimates. The role played by Andre Hoffmann was as consulting Architect/Planner- technical mission and co-ordination. This project was completed with CIDA and the Tanzanian Railways Corporation, Ministry of Housing and Local Planning Board.

FUTURE PLANS

Andre Hoffmann has no definite plans but he is registered with CIDA and UN Habitat.

PUBLICATIONS

Reports on Technical Missions:

A New Town in Madagascar. Narinda: UNDP Project, 1973.

Forestry School in Bengamisa. Zaire, 1978-1981.

Sawmill and School. Zaire, 1978.

Faculty of Forestry. Zaire, 1979.

Housing for Earthquake Victims. Guatamala, 1979.

Housing for Canadian Agricultural Experts and Office Pavilion. Rwanda, 1979.

Housing for Railway Employees. Tanzania, 1982.

3.4 A.R.A. CONSULTANTS

102 Bloor Street West, 9th Floor

Toronto, Ontario M5S 1M8

Telephone: (416) 961-1474 Telex: 065-28142 ARACONSULT TOR Fax: (416) 922-5380

Contact Person: Murray Glow, Managing Partner, Timothy K. Thompson, Partner in Charge, International, Wilyam Kleiman, Partner International

PURPOSE/ OBJECTIVES	A.R.A. Consultants can provide consultants in areas of human resources development, training and institution strengthening.
INCORPORATION	1970
STAFF	Total: 68 Canada: 60 Overseas: 5 U.S.A.: 3
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information- <i>Recruitment, project appraisal and preparation, project management and execution, training, industrial and human resources development, economic and policy review</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Water Supply/Sanitation- Transportation- Community/Education Facilities- Co-operative Development- Community Development- Rural/Regional Planning- Land Development/Policy- Economic Development- Architecture- Finance- <i>Development of public health centres, educational institutions, communications and management skills training.</i>
LANGUAGES	English, French, Spanish, Setswana, Italian, Dutch, German, and Nepalese.
COUNTRIES	A.R.A. has shelter project experience in Canada, Africa, and Indo-China. Their focus is in developing countries worldwide with experience in Africa and Southwest Asia.
PROJECTS	<p>I Urban Development Program, Ibadan, Nigeria, 1989-1991.</p> <p>A.R.A. was responsible for developing the training, technical assistance and institutional development components of this World Bank funded program. The purpose of the program is to upgrade housing, transportation, water, sanitation, and municipal administration in a city with a population in excess of 3 million.</p>

3.4 A.R.A. con't

II Benue State Urban Development Program, Benue State, Nigeria, 1986-1988

A.R.A. worked with a team of urban planners to develop a feasibility study for a major World Bank supported urban development program in Benue State. The program included an overall review of the organization and staff capabilities within the urban sector, a financial analysis, a five-year financial projection, and cost-benefit analysis for the proposed urban project.

FUTURE PLANS

To expand work in areas of low-cost housing in conjunction with other firms specializing in various aspects of shelter projects in developing countries.

3.5 ARC DESIGN INTERNATIONAL

3665 Kingsway

Vancouver, British Columbia V5R 5W2

Telephone: (604) 433-9812 Telex: 04354541 Fax: (604) 433-7192

Contact Person: Hossein Amanat

**PURPOSE/
OBJECTIVES**

With Arc Design's extensive experience in the planning, design and execution of buildings in the developing world, and their strength in urban and architectural design, they can offer innovative solutions for all Third World environmental and shelter problems.

INCORPORATION

1981

STAFF

Total: 12 Canada: 12

ASSISTANCE

- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information
- *Urban and rural planning and architectural design*

SPECIALIZATION

- Conventional Housing
- Upgrading/Sites & Services
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Architecture

LANGUAGES

English, French, Persian, Italian and Arabic.

COUNTRIES

Arc Design is interested in working in any country.

PROJECTS

I Housing Projects, Iran, 1967-1978.

This project was done in conjunction with the Iranian Ministry of Agriculture and involved the planning and design of low cost housing units for rural development in various regions of the Persian Gulf Coast.

II Baha'i House of Worship, Apia, Western Samoa, 1978-1984.

The temple is designed to accommodate 700-1000 worshippers and is about 30 metres high. The complex consists of a temple and an ancillary library building.

FUTURE PLANS

To continue and extend Arc's past collaboration with architects working on economical building prototypes for different social and climatic conditions in developing countries.

3.6 ASSOCIATED ENGINEERING INTERNATIONAL LIMITED

4940 Canada Way
Burnaby, British Columbia V5G 4M5
Telephone: (604) 293-1411 Telex: 04-354757
Contact Person: Mr. N. McDonald

PURPOSE/ OBJECTIVES	Consulting engineering services for potable water and sanitation sector and other infrastructure projects.
INCORPORATION	1978
STAFF	Total: 250 Canada: 235 Overseas: 15
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Upgrading/Sites & Services- Water Supply/Sanitation- Roads/Drainage- Transportation- Construction
LANGUAGES	English
COUNTRIES	Past project experience in twenty countries in Africa, the Middle East and Asia.
PROJECTS	<p>I Rural Water Resources Development, Ethiopia, 1978-ongoing. Technical support for a regional water authority with particular emphasis on rural water supply at the village level. The firm acts as the engineering consultant and works with CIDA.</p> <p>II Giza Master Plan, Egypt, 1986-1988. As consultants the firm prepared a Master Plan for potable water, sanitation and solid water disposal, for the Governorate of Giza, population 2.5 million. This project was sponsored by CIDA.</p> <p>III Addis Sewers, Ethiopia, 1981-ongoing. The firm provided design review and construction supervision of a sanitary sewerage system for the City of Addis Ababa, the total length of sewers is in excess of 60 km. This project was carried out with the Addis Ababa Water and Sewerage Authority.</p>
FUTURE PLANS	In the future they wish to concentrate on the water/sanitation sector emphasizing human resources development and infrastructure projects.

3.7 CANADIAN INSTITUTE OF PLANNERS

404-126 York Street
Ottawa, Ontario K1N 5T5
Telephone: (613) 233-2105 Fax: (613) 233-1984
Contact Person: David Sherwood, Executive Director

PURPOSE/ OBJECTIVES	The Canadian Institute of Planners (CIP) will continue to co-operate with related organizations of professional planners in Third World countries.
INCORPORATION	1923
STAFF	Total: 4 Canada: 4
ASSISTANCE	- Technical assistance, co-operation, and consulting
SPECIALIZATION	- Community Development - Urban/Neighbourhood Planning - Rural/Regional Planning - Land Development/Policy - Economic Development - <i>Environment</i>
LANGUAGES	English and French
COUNTRIES	C.I.P. has past project experience in Jamaica and is interested in working in other developing countries.
PROJECTS	I Sustainable Development Standards, Jamaica, 1989. A Caribbean workshop on sustainable development standards, held in February 1989, was funded by the Canadian International Development Agency (CIDA) and the Commonwealth Foundation. II Exchange Tours, China, 1989. This project involves exchange tours by delegations of Chinese and Canadian planners. The exchanges are funded by the Federation of Canadian Municipalities. III Heritage Trust World Congress, Canada, 1989. C.I.P. hosted Third World delegates to the Heritage Trust World Congress on Environment and Conservation. The Congress was held in Toronto and funded by CIDA. IV Professional Exchanges, Indonesia, proposed. C.I.P. is proposing professional exchanges with the Indonesian Association of Planners.

3.7 C.I.P. con't

FUTURE PLANS

The Canadian Institute of Planners' future plans include: Secretariat Commonwealth Association of Planners, 1988-1992, continuing work in developing countries, member of the Shelter for the Homeless Foundation.

PUBLICATIONS

Plan Canada, a magazine and journal published six times per year.

3.8 CHREOD INTERNATIONAL

111 Sparks Street, Suite 200

Ottawa, Ontario K1P 5B5

Telephone: (613) 238-3954 Telex: 053-3991 (andrexott)

Contact Person: Edward Leman, Principal

PURPOSE/ OBJECTIVES

Chreod International is a consulting group providing management, planning and evaluation services related to development and human settlements. It specializes in assisting private and public sector clients address issues of urban and economic development in rapidly-urbanizing nations.

INCORPORATION

1985

STAFF

Total: 16 Canada: 14 Overseas: 2

ASSISTANCE

- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information
- *Settlements management, planning and design,*
- *Environment and development*

SPECIALIZATION

- Low-cost Housing
- Upgrading/Sites & Services
- Water Supply/Sanitation
- Community/Education Facilities
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development
- Construction
- Architecture
- Appropriate Technology/Building Materials
- *Urban Management*

LANGUAGES

English, French, Spanish, Urdu, and Arabic.

COUNTRIES

Principals and Associates have worked in China, Hong Kong, Indonesia, Malaysia, Philippines, Pakistan, India, Trinidad, Tunisia, Algeria, Kenya, and Tanzania. They are interested in working in Asia and Africa.

PROJECTS

I Canadian Contributions to Shelter in Developing Countries, 1986-1987. Identification, analysis, evaluation and documentation of 100 Case Histories of shelter-related projects relevant to developing countries: 75 in the Third World, 25 in Canada. This project was prepared for the Royal Architectural Institute of Canada (RAIC) and funded by Canada Mortgage and Housing Corporation (CMHC). Chreod acted as the principal consultants and authors in partnership with the RAIC.

3.8 CHREOD con't

II Upgrading Central Lines Area, Pakistan, 1983-1984.

This project involved field analysis and development of upgrading policies and plans for a large, well-established squatter settlement in central Karachi which was facing demolition by central government authorities.

III Social Housing Requirements, Southeast Asia, 1980-1983.

This project involved the development of planning, architectural and technical requirements for social housing projects in Malaysia, Indonesia and the Philippines, and an industrial feasibility study for building materials manufacturing. Chreod principals acted as the Project managers and principal researchers, and worked with local associates in all three countries.

FUTURE PLANS

Chreod is currently establishing a network of affiliated professional offices in various host countries. To date, associated offices have been established in Hong Kong, Nairobi and Delhi.

PUBLICATIONS

Export of Architectural Services: Opportunities and Obstacles. Royal Architectural Institute of Canada and Department of Regional Industrial Expansion, December 1986.

The Urban Imperative: Shifting World Urbanization Trends and Canada's External Aid Policies. Brief to the House of Commons Standing Committee on External Affairs and Trade, March 1987.

A Trade Challenge: Transfer of Constructive Technologies to Rapidly Urbanizing Nations. Brief to the Minister of International Trade, May 1985.

3.9 COMMONWEALTH ASSOCIATION OF PLANNERS

404-126 York Street
Ottawa, Ontario K1N 5T5
Telephone: (613) 233-2105 Fax: (613) 233-1984
Contact Person: David Sherwood, Secretary General

PURPOSE/ OBJECTIVES	The Commonwealth Association of Planners hold conferences and workshops, and produce publications in order to provide information to its members.
INCORPORATION	1971
STAFF	Total: 2 Canada: 2
ASSISTANCE	<ul style="list-style-type: none">- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Upgrading/Sites & Services- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development- <i>Environment</i>
LANGUAGES	English
COUNTRIES	The Association has shelter project experience in Commonwealth countries and will continue this work.
PROJECTS	I International Conference, Canada, proposed. The association will host an international conference on the UN Global Shelter Strategy, in conjunction with UN Habitat.
FUTURE PLANS	The Commonwealth Association of Planners has six regions: Africa, the Americas, Europe, South East Asia, South West Asia, and South West Pacific. Each region holds one workshop in each two year period, culminated by a Commonwealth-wide plenary. Various members will undertake bilateral projects as well.
PUBLICATIONS	CAP Newsletter, published three times per year.

3.10 DESCON BUILDING SYSTEMS LIMITED

251 Laurier Avenue West
Ottawa, Ontario K1P 5J6
Telephone: (613) 238-6777 Telex: 0534821 (DPA OTT)
Contact Person: Jim Strutt

PURPOSE/ OBJECTIVES	Descon created the Descon "Rhombi" housing system. This housing system is designed for self-help programs so that, with a minimum of supervision, families can erect their own housing.
INCORPORATION	1980
STAFF	Total: 2 Canada: 2
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information- <i>Design</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Construction- Architecture- Appropriate Technology/Building Materials
LANGUAGES	English, Spanish and French.
COUNTRIES	Shelter project experience in Colombia, Sudan, Turks and Caicoes Islands, and Peru. They are interested in working in countries which are prone to earthquakes and hurricanes.
PROJECTS	<p>I Sim Sim Dry Land Project, Sudan, 1985. Descon completed the design, fabrication, shipment and supervision of an Agricultural Research Station. This project was done for the Canadian International Development Agency (CIDA).</p> <p>II Prototype Houses, Colombia, 1986. Descon conducted field investigations of local housing requirements and technical conditions before finalizing a housing prototype design in Canada. A technical manager was sent to Colombia to oversee manufacturing and construction. CIDA funded development and materials expenses for the prototype construction, through its Industrial Co-operation Division's Canadian Technology Transfer Facility. Manilit SA., a Colombian manufacturer of building materials in Manizales, provided managerial, technical and construction assistance. Descon completed the design, fabrication and supervised the erection of the project.</p> <p>III Prototype Houses, Peru, 1987. This project was very similar to the one in Colombia, only it was done in partnership with Organisation internationale du cafe (OIC).</p>

3.10 DESCON con't

FUTURE PLANS

Descon is being represented in China, North and South America, and Eastern Europe.

3.11 DEVELOPMENT INITIATIVES INC.

P.O. Box 1204
Guelph, Ontario N1H 6N6
Telephone: (519) 836-9885
Contact Person: Susan Wismer or David Pell

PURPOSE/ OBJECTIVES	Development Initiatives provides assistance to community-based organizations and local government, with the planning, financing and management of local development projects, including shelter. They also assist with the development of policies and programs designed to provide such support.
INCORPORATION	1978
STAFF	Total: 4 Canada: 4
ASSISTANCE	<ul style="list-style-type: none">- Financial: helping to access <i>private and government funds</i>- Training in Canada and overseas- Technical assistance: <i>strategic planning, organization development</i>- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Community <i>Health Centres, Community Service Centres</i>- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development- Architecture
LANGUAGES	English, some French, limited Spanish and German
COUNTRIES	Shelter experience in Canada, Scandinavia, India and Australia. They are interested in working in any region where they can meet the requirements, re: time and resources.
PROJECTS	<p>I Neighbourhood Enterprise Centre, Canada, 1985-1988. Assisted with: pre-feasibility and feasibility studies; project development; financing; securing facilities; renovating, organizing and hiring staffing; and project implementation of Centre for immigrant entrepreneurs. Development Initiatives acted as the facilitator, consultant, and project manager. This project was completed in conjunction with M. Guslits, Architect.</p> <p>II St. Christopher House, Canada, 1983-1986. Development Initiatives were consultants for relocation planning and reorientation of programs to meet the needs of residents of the new neighbourhood location. They also assisted with financing and reorganization of staffing. Members of the firm acted as community</p>

3.11 DEVELOPMENT INITIATIVES con't

planner, strategic planner and project manager.

Ill Big Trout Lake Hotel/Community Centre, Canada, 1985-1986.

Consultants for the planning of hotel/lodge and community centre facility in remote northern native community. Development Initiatives were the project planners working in partnership with Tony Reich, Architect, Toronto and Keewatin-Aski Ltd., consulting engineers, Sioux Lookout.

FUTURE PLANS

After a decade of work in Canada, Development Initiatives is interested in expanding their work in developing countries. Although their previous experience is primarily Canadian, they do have well developed contacts with people and organizations working in developing countries. They have been told that a considerable amount of their experience here with low-income, native, and immigrant communities would prove to be useful in an overseas context.

PUBLICATIONS

Alternative Technologies and Local Development in Canada—An Introduction. Presentation highlights Summer Institute, University of Oulu, Finland, July 1983.

Community Economic Development in Canada and Other Countries—An Overview. Prepared for Native Economic Development Program, Winnipeg, Manitoba, February 1984.

Community Profit: Community-Based Economic Development in Canada. Toronto: Is Five Press, 1981.

"Living the Good Life: Ecodevelopment in Practice", in **Alternatives**. Spring/Summer 1985.

Lessons from Canada: The Experience with Community Economic Development in Canada. International series on local economic development. London: Ubeque and Longmans Press, 1988.

3.12 SIG DIETZE, Consultant

5016 - 126 Street
Edmonton, Alberta T6H 3W1
Telephone: (403) 434-5540
Contact Person: Sig Dietze

PURPOSE/ OBJECTIVES	The objectives of Sig Dietze are to undertake projects in management, urban development, housing policy, urban growth strategies, strategic planning, management development and political development.
INCORPORATION	1958
STAFF	Total: 2 Canada: 1 Overseas: 1
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information- <i>Management</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development- Construction- Architecture- Appropriate Technology/Building Materials- <i>Management</i>
LANGUAGES	English, German and French
COUNTRIES	Shelter project experience in Guyana, Caribbean, North Africa, India and Canada. Open to working anywhere.
PROJECTS	I Housing Estates. Evaluated and planned housing communities for Bata Shoes International. Sig Dietze was the consulting Architect.
FUTURE PLANS	No definite plans.

3.13 DI ZITTI ASSOCIATES

79 Madison Avenue

Toronto, Ontario M5R 2S3

Telephone: (416) 923-6901 Telex: 065-2814 Fax: (416) 922-5380

Contact Person: Benedetto (Benny) Di Zitti or Rhoda Lipton

PURPOSE/ OBJECTIVES

Di Zitti Associates is a consulting firm specializing in urban management, planning and development issues, particularly assessment and analysis of infrastructure and services, investment programming, municipal institutional needs, and housing sector policies, programs and finances. The focus of the firm has been on Third World urban environments and their economic, social and spatial dynamics. They have extensive experience in urban and housing sector reviews and analysis, project identification, preparation, appraisal, supervision and evaluation.

INCORPORATION

1975

STAFF

Total: 2 Canada: 2

ASSISTANCE

- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Upgrading/Sites & Services
- Water Supply/Sanitation
- Roads/Drainage
- Transportation
- Community Development
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Economic Development
- Architecture
- Appropriate Technology/Building Materials
- Finance
- *Municipal Management, Finance, Land-related Information Systems*

LANGUAGES

English, Italian, French (spoken), Swahili (spoken), as well as some Spanish and Portuguese.

COUNTRIES

Di Zitti Associates has shelter experience in Kenya, Uganda, Tanzania, Sudan, Mozambique, Cameroon, Nigeria, Ghana, Liberia, The Gambia, Senegal, and Malaysia. They would also like to work in the Caribbean region, south Asia, south-east Asia, and the Pacific.

3.13 DI ZITTI con't

PROJECTS

I Urban Rehabilitation and Employment Generation Project, Mozambique, 1988-1989.

Di Zitti Associates provided assistance to the Mozambique government in the preparation of shelter-related project components, particularly aspects of housing finance and cost recovery of infrastructure investments and urban services to ensure maintenance and sustainability. This project was done in partnership with United Nations Centre for Human Settlements.

II Oyo State Urban Project, Nigeria, 1988-1989.

Pre-appraisal and appraisal of the Oyo State Urban Project (IDF II). This included appraisal of the overall institutional framework, and the detailed assessment of planning, land administration and land-related information systems, environmental management and rehabilitation, and Environmental Sanitation Board institutional requirements and training needs. This project was done in partnership with the World Bank.

III Urban Management and Development Project, The Gambia, 1988-1989.

Supervision of the Urban Management and Development Project, which includes improvements to infrastructure in Banjul's growing and poorly serviced urban areas, a pilot land development and housing credit scheme, through Social Security and Housing Finance Corporation (SSHFC), revaluation of about 25,000 properties, solid waste management, sector studies, and the strengthening of institutions responsible for planning, delivering and maintaining urban infrastructure and facilities. This project was done in partnership with the World Bank.

IV World Bank, Western Africa, 1981-1987.

As an urban planner, Mr. di Zitti was responsible for the identification, preparation, appraisal and supervision of urban projects in Nigeria, Liberia, The Gambia, and Senegal. Projects ranged from pilot site and services and community upgrading programs to broader urban management and major infrastructure improvements, including institutional strengthening and resource mobilization. He was also responsible for tourism sector studies in The Gambia and Senegal.

FUTURE PLANS

Di Zitti Associates plan to continue to provide: technical assistance to governments, bi-lateral, and multi-lateral aid agencies in fields outlined above; program reviews in urban housing sectors; project and program identification, preparation, appraisal, supervision, and evaluation. Training will be incorporated throughout for institutional strengthening. They plan to focus on land-related information systems development and management.

3.14 ANNA DUNETS, Consultant

8432 117 Street
Edmonton, Alberta T6G 1R4
Telephone: (403) 439-8754
Contact Person: Anna Dunets

PURPOSE/ OBJECTIVES	To provide consulting research and information assistance for shelter, water and sanitation in English speaking Africa.
STAFF	Total: 1 Canada: 1
ASSISTANCE	<ul style="list-style-type: none">- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Roads/Drainage- Appropriate Technology/Building Materials
LANGUAGES	English
COUNTRIES	Ms Dunets has shelter project experience in Angola, Zimbabwe, and Lesotho. She is interested in working in any English speaking African country.
PROJECTS	<p>I Sanitation, solid waste disposal and drainage, Luanda, Angola, 1986. Ms Dunets was a consultant to the Development Workshop in Luanda, Angola. She prepared proposals for on-site sanitation, solid waste disposal and drainage for two squatter areas in Luanda. The final report was used to solicit Canadian NGO funding to assist the Angolan government in implementing the proposals.</p> <p>II Review of Natural Water Master Plan, Harare, Zimbabwe, 1985. As short term consultant to NORAD, Ms Dunets was a member of the Secretariat to the Review Panel of the National Water Master Plan. She prepared discussion papers for international acceptance on key policy, administrative and financial issues of the Water Master Plan.</p> <p>III Ministry of Energy, Water Resources and Development, Harare, Zimbabwe, 1982-1985. During her three years as Operations Engineer in Zimbabwe, Ms Dunets: vetted government water supply projects in terms of technical standards and financial feasibility; co-ordinated the provision of water supplies to other government ministries for schools, health centres and training institutes; co-ordinated hand dug well projects throughout the country including implementation and technology used; prepared a document "Community Based Projects: Hand Dug Wells"; supervised consultants to the Ministry; negotiated with International aid agencies on aid to the water sector; prepared the Ministry's annual budget relating to rural</p>

3.14 ANNA con't

water supplies.

IV Maseru First Urban Project, Lesotho, 1980-1981.

As project Engineer, Ms Dunets designed infrastructure for a low cost site and service development (30ha.) and for a squatter area (200ha). The infrastructure included earth, gravel and bitumen roads, open ditch drainage and water supply by standpipe all constructed by labour intensive methods. She also prepared for the Government of Lesotho, a report on design criteria for infrastructure for sites and service and upgrading projects.

V The Lower Income Housing Company, Maseru, Lesotho, 1978-1980.

As an engineer in the technical section of the company, Ms Dunets: designed and supervised construction of low cost, on-site sanitation for 200 site and service plots; designed, managed and supervised a concrete block production yard; and trained a local counterpart engineer and several local site supervisors.

PUBLICATIONS

Urban Infrastructure Upgrading in Luanda, Dr. Cairncross and Anna Dunets. The Ross Institute.

Human Settlements Sector Strategy for CIDA, Anna Dunets and John van Nostrand.

Engineering Standards for Site and Services, Lesotho, Anna Dunets and Carl Bro, Kenya/Swaziland.

3.15 ENVIRONMENTAL ENGINEERING CONSULTANTS LTD.

43 Eccles Street
Ottawa, Ontario K1R 6S3
Telephone: (613) 594-3636 Fax: (613) 563-7638
Contact Person: R. Ian Clapperton, P. Eng.

PURPOSE/ OBJECTIVES	To provide services in the following areas: mechanical and electrical design; site service design; municipal storm, sanitary and water systems design; irrigation design; cost estimating; project and construction management.
INCORPORATION	1972
STAFF	Total: 8 Canada: 8
ASSISTANCE	- Technical assistance, co-operation, and consulting - <i>Design, management</i>
SPECIALIZATION	- Low-cost Housing - Conventional Housing - Upgrading/Sites & Services- Water Supply/Sanitation - Roads/Drainage - Construction - Architecture - Appropriate Technology/Building Materials
LANGUAGES	English, French, Spanish and limited Swahili language.
COUNTRIES	Shelter project experience in Tanzania and Honduras, with an interest in working anywhere.
PROJECTS	I Tanzania-Canada Wheat Programme, Tanzania, 1982-1984. In partnership with the Canadian International Development Agency (CIDA), the firm provided project management. This project required infrastructure development for housing, a maintenance centre, and a water development program, for seven 10,000 acre wheat farms in Central Hanang Plateau.
FUTURE PLANS	To continue providing professional design and management services to all sectors of the building and development industries.

3.16 E.T. JACKSON & ASSOCIATES LTD.

151 Slater Street Suite 712
Ottawa, Ontario K1P 5H3
Telephone: (613) 230-5221 Fax: (613) 230-0639
Contact Person: Ted Jackson

**PURPOSE/
OBJECTIVES** E.T. Jackson & Associates provide consulting services in policy and program development, feasibility studies, management development focusing on non-profit and co-operative housing models, water and sanitation and human resource development.

INCORPORATION 1982

STAFF Total: 7 core Canada: 35 consulting associates
Overseas: 500 on Roster available to travel

ASSISTANCE

- Financial: direct or helping to access funds
- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Water Supply/Sanitation
- Community/Education Facilities
- Co-operative Development
- Community Development
- Rural/Regional Planning
- Economic Development

LANGUAGES English, French and Spanish.

COUNTRIES Jackson & Associates have shelter experience in Northern Ontario, Ghana, Lesotho, Pakistan, and Thailand. They would like to continue working in the above countries as well as Africa, Southeast Asia, Caribbean, and Latin America.

PROJECTS

I Evaluation and Monitoring of NORRIP, Ghana, 1989-1993.
The firm is providing evaluation and monitoring services to the Canadian International Development Agency (CIDA) on rural development projects involving rural water supply, agriculture, roads, small enterprise and women in development. Jackson and Associates are consultants on this project in partnership with G.A.S. Development Associates Ltd., and a Ghanaian consulting firm.

II Lesotho Rural Water Supply Project and Capital Fund, Lesotho, Africa, 1984-1985.

The firm recruited, led and managed a five person, multidisciplinary mission to assess the feasibility of establishing a unit in Lesotho to support non-governmental efforts in rural water supply, sanitation

3.16 E.T. JACKSON con't

provision and health education. E. T. Jackson & Associates were consultants on this project.

III Pakistan Social Sector Fund/Small Projects Technical Support Office, Pakistan, 1985-1986

E. T. Jackson participated in a mission to develop a strategy for a Social Sector Fund in Pakistan. Staff designed a small projects technical support office for Pakistani non-governmental organizations to be financed by the Social Sector Fund. Following the production of a report, the firm assisted CIDA in preparing a plan of operations for the project and other detailed implementation documents, and provided assistance to the CIDA project team in selecting a Canadian executing agency for the project.

FUTURE PLANS

In 1988, E.T. Jackson and Associates will begin a 5-year Evaluation and Monitoring Project for a rural development program in Ghana. The firm has two standing offers with CIDA for services in education and human resources development in anglophone Africa, Asia and the Caribbean for 1989 to 1991. Current consulting assignments include evaluation projects in Thailand, Southern Africa, Latin America and Indonesia.

3.17 FORINTEK CANADA CORPORATION

800 Montreal Road

Ottawa, Ontario K1G 3Z5

Telephone: (613) 744-0963 Telex: 053-3606

Contact Person: Pierre Meloche, Manager Business Development

**PURPOSE/
OBJECTIVES**

Fortitek Canada Corporation is Canada's National Wood Products Research Institute. Forintek is active in solid wood products research and development, technology transfer, codes and standards, education and training.

INCORPORATION

1979

STAFF

Total: 200 Canada: 200

ASSISTANCE

- Financial: direct or helping to access funds
- Material support: equipment, resource materials, etc.
- Training in Canada and overseas
- Technical assistance, co-operation, and consulting
- Research and information
- *Primary and secondary manufacturing process/product research and development, testing and evaluation.*

SPECIALIZATION

- Low-cost Housing
- Conventional Housing
- Construction
- Architecture
- Appropriate Technology/Building Materials
- *All fields pertaining to the solid wood products industry, excluding pulp and paper products.*

LANGUAGES

English and French.

COUNTRIES

Forintek has shelter project experience in Burma, Barbados, Brazil, Philippines and China. They are interested in working worldwide.

PROJECTS

I Development of a Sugar Cane Rind Panel, Barbados, 1978-1981.

Forintek developed a process for making structural panels from sugar cane rind. Mill trials were conducted and two homes were designed and constructed in Barbados. Forintek provided research, development and consultative services. The projects were carried out in conjunction with Kockums Can-Car, Barbados Sugar Co-operative and CIDA.

II Preparation of Rice Husk Boards, Philippines, 1981-1982.

Developed information on adhesive requirements for rice husk panels, evaluated adhesives, manufactured and evaluated panels, and evaluated manufactured panels from Philippines. Forintek provided research, development and consultative services, working with Kockums Can-Car, Philippine Department of Agriculture and International Development Research Centre (IDRC).

3.17 FORINTEK con't

III Canada/Chile Forest Industry Technology Symposium, Chile, 1987.
As a Symposium speaker, two papers were presented, notably, lumber manufacturing and composite panel manufacturing technology in Canada. This was done in conjunction with the South America Bureau of the Department of External Affairs.

FUTURE PLANS

Forintek Canada Corporation is receptive to requests and inquiries from Third World countries in regard to wood product/process research and development, technology transfer, codes and standards, education and training.

3.18 GARVEY MILLWORK LTD.

2 Peace Way
Nepean, Ontario K2H 7V2
Telephone: (613) 836-6794
Contact Person: Desmond Garvey

PURPOSE/ OBJECTIVES	Garvey Millwork Ltd. is a construction firm interested in getting involved in shelter projects in developing countries.
INCORPORATION	1961
STAFF	Total: 5 Canada: 5
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Material support: equipment, resource materials, etc.- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Land Development/Policy- Construction- Appropriate Technology/Building Materials
LANGUAGES	English
COUNTRIES	Shelter experience in St. Lucia and Canada. Garvey Millwork is interested in working in Sierra Leone, West Africa.
PROJECTS	<p>I Senior Citizens Home in St. Lucia, Caribbean, 1987. Helped missionaries to raise funds.</p> <p>II Harmer House, Nepean, Canada, 1986. Instituted and completed a 60 unit Senior Citizens home under Canada Mortgage and Housing Corporation (CMHC) program. Desmond Garvey was one of seven directors of the program.</p>
FUTURE PLANS	Garvey Millwork wishes to do a feasibility study on a community to community basis as a pilot project with a view of 'twinning' Nepean and an African town.

3.19 HYDROGEO CANADA INC.

1100 ouest, boul Dorchester
Montréal, Québec H3B 4P3

Telephone: (514) 866-2601 Telex: 055-61250 Telegram: LAVALIN MTL
Contact Person: Andre Beland, President

PURPOSE/ OBJECTIVES	Hydrogeo Canada Inc. locates and evaluates volumes and quality of underground water, they do contract well drilling, and train local staff in these fields.
INCORPORATION	1973
STAFF	Total: 40 Canada: 25 Overseas: 15
ASSISTANCE	<ul style="list-style-type: none">- Material support: equipment, resource materials, etc.- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Water Supply/Sanitation- Co-operative Development- Rural/Regional Planning- Land Development/Policy- Economic Development
LANGUAGES	English, French, Spanish and Indonesian.
COUNTRIES	Shelter project experience working in Western Africa, Honduras and Indonesia.
PROJECTS	<p>I Assistance to Forexi, Cote d'Ivoire, 1975-1980. Hydrogeo provided technical assistance and training for drilling of over 8000 village wells. They provided specialists, spare parts and management. The project was completed in conjunction with CIDA and the Government of Cote d'Ivoire.</p> <p>II Zinder-Maradi Project, Niger, 1984-1986. A hydrogeological study for 250 villages was completed to improve village water supply. Hydrogeo provided drillers, rigs and training. The project was done in partnership with CIDA and the Government of Niger.</p> <p>III Sokoto Well Project, Nigeria, 1984-1986. Drilled 1408 successful village wells in Sokoto State, Nigeria. Hydrogeo supplied specialists, equipment and training. This project was completed in partnership with the World Bank and Sokoto State Agricultural Development Agency.</p>
FUTURE PLANS	They will continue to pursue contracts for well drilling and training of local people, as well as hydrogeological studies.

3.20 J. L. RICHARDS & ASSOCIATES LIMITED

864 Lady Ellen Place
Ottawa, Ontario K1Z 5M2
Telephone: (613) 728-3571 Fax: (613) 728-6012
Contact Person: R. P. Cheek, P. Eng.

PURPOSE/ OBJECTIVES	J.L. Richards & Associates Limited is a multi-disciplinary firm of engineers and planners, including civil/municipal, mechanical, structural, electrical, transportation, energy management, and urban/regional planners.
INCORPORATION	1955
STAFF	Total: 120 Canada: 120
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Roads/Drainage- Transportation- Community/Education Facilities- Urban/Neighbourhood Planning- Rural/Regional Planning
LANGUAGES	English, French, Spanish, Polish, Hungarian, Dutch, and Hindi
COUNTRIES	Shelter project experience in Nicaragua, China and Tanzania. Richards & Associates are interested in working in the Caribbean.
PROJECTS	<p>I Water Supply and Sewage Disposal Feasibility Study - Bluefields, Nicaragua, 1981-1983. The project required a major feasibility study of water supply and sewage disposal for a city of 30,000. This included a reservoir and dam, a treatment plant, and offshore sewage disposal from a lagoon. J.L. Richards & Associates Limited acted as the prime consultant on this project for Instituto Nicaraguense De Acueductos Y Alcantarillados (I.N.A.A.).</p> <p>II Prefab Housing Assistance for Major Projects, China, 1985. The firm provided specialized assistance, their expertise being in prefab buildings, on a team of Canadian consultants involved with major hydro-electric developments. The firm was the sub-consultant with R.L. Walker & Partners in Ottawa.</p> <p>III Canadian Chancery, Dar es Salaam, Tanzania, 1986-1988. The firm, as prime consultant designed, (civil, structural, mechanical and electrical) and assisted during construction of the new Canadian High</p>

3.20 J.L. RICHARDS con't

Commission, Dar es Salaam. This project was done in partnership with Dynar Architects, Ottawa.

FUTURE PLANS

They plan to participate in overseas projects either alone or in consortia; however, the majority of their work will continue to be Canadian engineering design and construction supervision.

PUBLICATIONS

Various technical articles in Canadian engineering periodicals, covering a heritage pumphouse restoration, water treatment, and storm water management.

3.21 JOHN A. NEILSON & ASSOCIATES

#201-45 Bastion Square
Victoria, British Columbia V8W 1J1
Telephone: (604) 388-5588 Fax: (604) 361-9418
Contact Person: John A. Neilson

PURPOSE/ OBJECTIVES	John A. Neilson & Associates provides consulting services in the fields of housing community development, and technology transfer, with specialized experience in evaluations, assessments and institutional cooperation in Africa, South America, and Central America.
INCORPORATION	1976
STAFF	Total: 6 Canada: 5 Overseas: 1
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Training overseas- Technical assistance, co-operation, and consulting- Research and information- <i>Technical & professional advisory services and financial assistance can be provided in support of a mortarless interlocking concrete block wall system.</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Land Development/Policy- Construction- Architecture- Appropriate Technology/Building Materials- Finance- <i>Economic Development</i>
LANGUAGES	English, French, and Spanish.
COUNTRIES	Shelter project experience in Botswana, Colombia, Honduras, Lesotho, and Thailand. They are interested in working in East Africa, Caribbean, S.E. Asia, and the South Pacific.
PROJECTS	<p>I Royal Architectural Institute of Canada (RAIC)/Construyamos, Colombia, South America, 1985-1993.</p> <p>This project involves the structuring of a country-wide organization, Construyamos, to assist low-income families obtain proper housing by means of self-help methods. John A. Neilson provides professional assistance with housing policy, structuring of the organization, and strategies for housing procurement. This project is being done in</p>

3.21 JOHN A. NEILSON con't

partnership with the RAIC and Construyamos, Colombia.

II Lesotho Urban Upgrading Project, Lesotho, Africa, 1987-1990.

This project includes sites and services, new housing, housing improvement, additions to schools, district administration offices and upgrading of roads and services. The firm is evaluating and monitoring project implementation in two secondary towns. This project is being done in partnership with CEA- John van Nostrand & LEHCO-OP Lesotho.

III Rural Housing Lempira, Honduras, 1988-1989.

This rural housing project, in the villages of the Department of Lempira, proposed the construction of 1200 houses using self-help over a period of three years. The firm did an assessment of the implementation process in partnership with Horizons-Canada and FEDEJCOH-Honduras.

FUTURE PLANS

To provide more direct project management and implementation of development projects in the Third World, and documentation of technology transfers, ie. develop strategies and professional services, from Third World experience for application in Canada.

3.22 JOHN VAN NOSTRAND ASSOCIATES LIMITED

696 Yonge Street Suite 603
Toronto, Ontario M4Y 2A7
Telephone: (416) 921-4377 Fax: (416) 921-0784
Contact Person: John van Nostrand

PURPOSE/ OBJECTIVES	Provision of a full range of consulting architectural and planning services, including project design and evaluations.
INCORPORATION	1977
STAFF	Total: 8 Canada: 2 Overseas: 2
ASSISTANCE	- Consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Roads/Drainage- Community/Education Facilities- Community Development- Urban/Neighbourhood Planning- Land Development/Policy/ <i>Land Tenure, Survey and Registration</i>- Economic Development- Construction, <i>Project Management</i>- Architecture- Appropriate Technology/Building Materials- Finance, <i>Planning</i>- <i>Market Facilities</i>
LANGUAGES	English, French, Arabic and Spanish
COUNTRIES	Shelter project experience in Botswana, Lesotho, Zimbabwe, Tanzania, Somalia, and Ghana. The firm is interested in working in Latin America.
PROJECTS	<p>I Lesotho Urban Upgrading Project, Lesotho, 1986-1989 Design, construction and implementation of land tenure and self-help housing programs, basic infrastructure and major public facilities (town offices, market and schools). The firm acted as the executing agency for Canadian International Development Agency (CIDA), working in partnership with Lesotho Lower Income Housing Co. (PTY).</p> <p>II Urban Sanitation Evaluation, Tanzania/Somalia/Botswana, 1981-1984. Investigation, analysis and preparation of recommendations for the improvement of water supply and sanitation infrastructures in Dar es Salaam, Mogadishu and Gaborone. As prime consultants, John van Nostrand Associates were partnered with the Technology Advisory Group (TAG) and the World Bank.</p>

3.22 JOHN VAN NOSTRAND con't

III Sanitation and Community Infrastructure Evaluationn, Ghana, 1985.
Evaluation of the sanitation and community infrastructure components of CIDA, Water Utilization Project, Upper Region, Ghana.

IV Old Naledi Squatter Upgrading Project, Botswana, 1977-1980.
Design and construction and implementation of a land tenure program, self-help housing and installation of basic infrastructure and major public buildings (schools, clinics, and market). John van Nostrand Associates acted as the co-operant in association with Botswana Self-Help Housing Agency (SHHA).

FUTURE PLANS

In the future John van Nostrand Associates Ltd. plans to: continue providing urban development consulting services in SAPALL and SADCC Regions, through CIDA, World Bank and others; increase work with United Nations High Commissioner for Refugees (UNCHR) in East Africa; increase work in land registration in urban areas; increase working with smaller secondary urban (or rural) settlements; and look for similar opportunities in Central South America.

PUBLICATIONS

Handbook for District Sanitation, Coordinators. The World Bank, 1983.

The Ventilated Improved Double-Pit Latrine: A Construction Manual for Tanzania. The World Bank, 1983.

Rural Ventilated Improved Pit Latrines: A Field Manual for Botswana. The World Bank, 1982.

The Ventilated Improved Double-Pit Latrine: A Construction Manual for Botswana. The World Bank, 1982.

Old Naledi: The Village Becomes A Town. James Lorimer and Company: Toronto, Canada; 1982.

3.23 SUNITA KAPILA, Consultant

725 King Street West #808
Toronto, Ontario M5V 2W9
Telephone: (416) 867-1532
Contact Person: Sunita Kapila

PURPOSE/ OBJECTIVES	Sunita Kapila is involved in research, feasibility studies, policy development papers, monitoring and evaluation of programs and projects.
INCORPORATION	1972
STAFF	Total: 1 Canada: 1
ASSISTANCE	- Research and information
SPECIALIZATION	- Low-cost Housing - Upgrading/Sites & Services - Transportation - Community/Education Facilities - Co-operative Development - Community Development - Economic Development
LANGUAGES	English, Kiswahili, Hindi, and Punjabi.
COUNTRIES	Sunita has shelter project experience in Kenya and India. She is interested in working in any African or Asian country.
PROJECTS	<p>I Evaluation of Unitarian Service Committee of Canada, Canada and Indonesia, 1988-1989. As an evaluator, Sunita completed a development review of the USC program and organization. The project was completed for CIDA, the donor, and done in partnership with USC-Canada and USC-Indonesia.</p> <p>II Evaluation of Undugu Society, Kenya, 1986. This project involved the evaluation of the effectiveness and impact of a Ford Foundation (Eastern Africa) Grant. The Society was the recipient of the largest grant for urban and community development given by the Foundation.</p> <p>III The Alternative City, India, 1983. Sunita Kapila completed research and co-ordination for a publication and workshop on low-energy and low-cost urban development. This project was done in partnership with the Centre for Science and Environment, New Dehli.</p>
FUTURE PLANS	Sunita's future plans include: further work on the matatu mode of informal transport in Nairobi, an overview of research on women microentrepreneurs in Third World countries, and an evaluation of the Unitarian Service Committee of Canada.

3.24 LEANING AND ASSOCIATES

116 Third Avenue
Ottawa, Ontario K1S 2K1
Telephone: (613) 233-1818 & (613) 237-4375
Contact Person: John Leaning

PURPOSE/ OBJECTIVES	To consult on architecture and planning, low cost housing and community planning.
INCORPORATION	1968
STAFF	Total: 4 Canada: 4
ASSISTANCE	<ul style="list-style-type: none">- Consulting- Research and information- <i>Architects and Planners</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Community Development- Urban/Neighbourhood Planning- Architecture
LANGUAGES	English, French and Swahili
COUNTRIES	Shelter project experience in Canada (North West Territories), Tanzania and India.
PROJECTS	<p>I Tanzania ARDHI, Tanzania, 1970-1972. John Leaning acted as team leader and advisor to the Planning Team, ARDHI, Ministry of Lands, Housing and Urban Development. The project was done in partnership with Canadian International Development Agency (CIDA).</p> <p>II Tanzania Arusha Master Plan, Tanzania, 1976-1978. Preparation of Master Plan for Arusha for ARDHI. The firm completed the Central Area Studies in partnership with CIDA.</p> <p>III Tanzania Dar es Salaam Master Plans, Tanzania, 1977. The firm completed the Central Area Studies to revise Dar es Salaams' Master Plan. The project was completed in conjunction with SIDA (Sweden).</p>
PUBLICATIONS	<p>Ultra Low Cost Housing. CIDA, 1974.</p> <p>Human Settlements Sectoral Study. CIDA, 1979.</p>

3.25 LINK DEVELOPMENT ASSOCIATES

360 Ridell Avenue, Suite 509
Toronto, Ontario M6B 1K1
Telephone: (416) 787-8976
Contact Person: Mr. Morley Minuk, B.A. M.C.P.

PURPOSE/ OBJECTIVES	The overall objective of Link Development Associates is development planning and research, including: management services in strategic planning; information and communications; community and market research; policy and evaluation studies; human resource development and trade.
INCORPORATION	January 1987
STAFF	Total: 1 Canada: 1
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information- <i>Urban and regional planning</i>- <i>Locally controlled and managed program project evaluations</i>- <i>Urban management and administration skills</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Community/Education Facilities- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development- Appropriate Technology/Building Materials- <i>Local Government Administration</i>- <i>Informal Sector Economics Development</i>- <i>Environmental Assessment Reviews</i>- <i>Computer Skills Training</i>
LANGUAGES	English and French.
COUNTRIES	Shelter project experience in India and Nepal with an interest in working in Asia Pacific, Peru and West Indies.
PROJECTS	I Recognition of Inter-Cultural Difference in Federal Development Assistance Evaluation, Ethiopian and Tanzanian Case Studies, 1987. As the principal researcher for the University of Manitoba's Department of City Planning, post-graduate research was done to develop a model for conducting evaluations in an inter-cultural setting. A survey of Canadian international evaluation professionals and a study of evaluation policy

3.25 LINK con't

completed.

II Survey of Housing Conditions in Delhi and rural Nepal, India and Nepal, 1981.

This project involved the collection of data on housing starts, types of housing, materials, unmet needs, and future requirements. As principal researcher Mr. Minuk worked in conjunction with Mr. J. Benjamin, Chief Planner and Architect, New Delhi.

FUTURE PLANS

Establishment of a bureau abroad.

PUBLICATIONS

"The Wealth of Nations: Convening Capital Mayors of the World Conference' in *City Magazine*, Vol. 9, #4. Winnipeg: Polis Publishing Incorporated, Winter 1987.

"Housing: A Multidisciplinary Dictionary by Dr. Kamal Sayegh, A Book Review" in the *Ontario Planning Journal*, Vol. 2, #6. Toronto: Ontario Professional Planners Institute, November-December 1987.

"The Recognition of Inter-Cultural Difference in Federal Development Assistance Evaluation". Winnipeg: University of Manitoba, Department of City Planning, 1987.

3.26 N.A. ANDREESCU CONSULTANTS LIMITED

C.P. 192 - Snowdon
Montréal, Québec H4P 1E9
Telephone: (514) 731-8953
Contact Person: Nicolas A. Andreescu

PURPOSE/ OBJECTIVES	Construction of temporary housing and low cost housing, roads and bridges.
INCORPORATION	1973
STAFF	Total: 53 Canada: 5 Overseas: 48
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information- <i>Design and build lost cost housing</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Roads/Drainage- Transportation- Urban/Neighbourhood Planning- Construction
LANGUAGES	English, French, Italian, and Spanish.
COUNTRIES	Shelter project experience in Guinea, Jamaica, Colombia and Mexico with an interest in working elsewhere.
PROJECTS	<p>I Low Cost Housing, Guinea, 1979-1980. After building a low cost housing model, the project consisted of the erection of a further 180 low cost housing units, with basic necessities for living. The firm acted as the project manager in partnership with ALCOA, USA.</p> <p>II Low Cost Housing, Jamaica, 1982-1983. This project consisted of the erection of 180 low cost housing units, with basic necessities for living. The firm managed the project and construction.</p> <p>III Temporary Road and Bridges Construction, Colombia, 1984-1986. This project involved the construction of temporary roads and bridges in order to improve traffic and access in various zones of the country. The firm acted as manager of engineering and construction. The project was completed in partnership with Colombiana SA.</p>
FUTURE PLANS	The firm would like to continue providing development input on low cost housing construction, even though this is not their main field of activities.

3.27 PHILLIPS BARRATT KAISER ENGINEERING LIMITED

2150 West Broadway, Suite 200

Vancouver, British Columbia V6K 4L9

Telephone: (604) 736-5421 Telex: 04-508660 Telegram: PHILBAR

Contact Person: Mr. John E. Akerley, Vice President

PURPOSE/ OBJECTIVES	Phillips Barratt Kaiser is an integrated engineering and architectural firm involved mainly in the argo-ailmentary and mining industries in overseas projects. These include all infrastructure requirements, such as housing, schools, hospitals, roads, water and sewer services.
INCORPORATION	1937
STAFF	Total: 150 Canada: 150
ASSISTANCE	- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Upgrading/Sites & Services- Water Supply/Sanitation- Roads/Drainage- Transportation- Community/Education Facilities- Construction- Architecture
LANGUAGES	English and French.
COUNTRIES	Shelter project experience in Zaire and they would like to continue working on the African Continent and in Asia.
PROJECTS	<p>I Study to Upgrade Water and Sewer Services, Zaire. As project leaders in partnership with SODIMIZA Engineers, Phillips Barratt Kaiser reviewed and studied 5 villages housing 35,000 people for a Mining Company, in order to prepare a water and sewer upgrading project. The project was three months in duration.</p> <p>II Expansion of Social Center, Zaire, 1984-1985. An existing rudimentary building was tripled in size to accommodate local women training in elementary reading, cooking, nutrition, sewing and caring for unwed mothers. The firm acted as the project managers and the Government of Canada provided partial funding.</p> <p>III Hospital Expansion, Zaire. A complete Master Plan was prepared for doubling the size of a 90 bed Hospital located at a mine site in the bush near the Zambian border. This study included the re-equipping of the operating theatre, radiography and maternity, as well as the service areas, including kitchen, laundry and maintenance. The firm acted as the project managers in partnership with SODIMIZA Mine. The project was six months in duration.</p>

3.27 PHILLIPS con't

FUTURE PLANS

While the economic slowdown has required them to close their office in Zaire, they anticipate a new effort for renewed work in Central Africa and a breakthrough in Asia.

3.28 PROCTOR & REDFERN GROUP

45 Green Belt Drive

Toronto, Ontario M3C 3K3

Telephone: (416) 445-3600 Telex: 06-986173 Telegram: TORFERN

Contact Person: Frank C. Moir, P. Eng., Vice President

PURPOSE/ OBJECTIVES

The Proctor and Redfern Group provides consulting services in the following areas: municipal traffic and transportation, structural, electrical, mechanical, landscape architecture, architectural, planning, building design, water and waste, hydrotechnical, urban development, and water resources.

INCORPORATION

1912

STAFF

Total: 600 Canada: 600

ASSISTANCE

- Technical assistance, co-operation, and consulting

SPECIALIZATION

- Upgrading/Sites & Services
- Water Supply/Sanitation
- Roads/Drainage
- Transportation
- Community/Education Facilities
- Urban/Neighbourhood Planning
- Rural/Regional Planning
- Land Development/Policy
- Construction
- Architecture

LANGUAGES

English

COUNTRIES

Shelter project experience in Barbados, Afghanistan, Saudi Arabia, Nepal, and Ecuador.

PROJECTS

I Water Supply & Sewage Studies, Nepal, 1983-1985.

As the consulting engineers the firm completed feasibility studies for Water Supply and Sewage Corporation, Nepal in association with East Consult. The studies were concerned with the water supply, sewage, sanitation, and in some cases surface water drainage needs for twenty urban communities across Nepal.

II Airport West Coast Highway- Study, Design and Construction Supervision, Barbados, 1982-1988.

The project required the study, design and construction supervision of 22 km of new highway linking the Grantley Adams airport to the West Coast Highway. The Proctor and Redfern Group were the consulting engineers who completed the feasibility study and final design and construction supervision for Government of Barbados in association with David Lashley & Partners.

3.29 RAMSEN ENGINEERING ASSOCIATES INC.

P.O. Box 1541 Station M
Halifax, Nova Scotia B3J 2Y3
Telephone: (902) 422-9656 Fax: 902-420-1455
Contact Person: Richard A. Murray, P. Eng.

PURPOSE/ OBJECTIVES	Procurement and Construction management
INCORPORATION	1980
STAFF	Total: 5 Canada: 5 Overseas: 3 (associates)
ASSISTANCE	<ul style="list-style-type: none">- Material support: equipment, resource materials, etc.- Technical assistance, co-operation, and consulting- <i>Logistical planning and construction management</i>
SPECIALIZATION	<ul style="list-style-type: none">- Water Supply/Sanitation- Construction- Appropriate Technology/Building Materials- <i>Irrigation Projects, Procurement of Construction Materials on Cost-Insurance-Freight (C.I.F.) Basis.</i>
LANGUAGES	English and Spanish
COUNTRIES	Past project experience in Jamaica, with an interest in working in the Caribbean, Africa and Latin America.
PROJECTS	<p>I West Bay Beach Sewerage System, Cayman Islands, 1986-1987. As the supply contractor Ramsen's supplied all components of a sewage collection and pumping system including consolidation, shipping and delivery to site, plus commissioning of equipment. This project was completed in conjunction with the Cayman Water Authority.</p> <p>II Ebony Park Irrigation Scheme, Jamaica, 1987. Ramsen's was the supply contractor for this project which required them to supply a complete co-ordinated irrigation equipment package from numerous manufacturers which were delivered C.I.F. Jamaica. This project was completed in conjunction with the Human Employment and Resource Training Division of the Government of Jamaica.</p> <p>III Anguilla Water Development Program, Anguilla, 1987-1988. As supply contractor, Ramsen's supplied a large quantity of components for developing an improved potable water supply in association with a well drilling program. This project was completed in partnership with Anguilla Water Authority.</p>
FUTURE PLANS	Ramsen intends to continue persuing work in developing countries.

3.30 RESOURCE SYSTEMS MANAGEMENT INTERNATIONAL INC. (RSMI)

133 Wynford Drive

Toronto, Ontario M3C 1K1

Telephone: (416) 441-2378 Telex: 06-9666-89 Fax: (416) 441-4131

Contact Person: Ms. Sally Davidson, President

PURPOSE/ OBJECTIVES	RSMI provides consulting architects, tourism specialists, economists, financial/market analysts, environmental scientists, social scientists, urban, regional, rural, and transportation planners.
INCORPORATION	1987, as an affiliate of the Delcan Corporation.
STAFF	Total: 12 Canada: 12 Overseas: short-term only
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development- Architecture- Finance- <i>Socio-cultural Studies</i>
LANGUAGES	English, French and Spanish
COUNTRIES	Shelter experience in Canada, 15 Caribbean countries, Belize, Botswana, Lesotho, Dominican Republic, Indonesia, and Jordan. Open to projects in any country.
PROJECTS	<p>I Pelango Village Industries Architectural Project, Botswana, Africa, 1981-1983.</p> <p>RSMI staff were involved in several architectural projects such as design and construction of single family thatched housing, double-storey thatched motel units, and commercial structures. As the project architects, RSMI worked in conjunction with private sector architects in Gabarone, Botswana.</p>

3.30 RSMI con't

II Housing Projects, Ethiopia, 1979-1982.

As project manager, RSMI staff working within the Delcan corporation, undertook project planning and architecture for a 750 house development project in Addis Ababa, and completed a national housing survey. This project was done in partnership with the Ethiopian government

III Comprehensive Community Development/Residential Plans for 12 Indian Reserves, Canada, 1981-1987.

Comprehensive community planning, involving residential subdivisions, water supply and sewage disposal system design, housing, capital/financial planning, socio-economic evaluations, and the design of buildings such as recreational centres. RSMI staff were responsible for project management, design, reporting, client liason, and the research of funding applications. This project was done in conjunction with the Department of Indian Affairs and Northern Development, Government of Canada.

FUTURE PLANS

The prime mission/objective of RSMI is to work in urban development and housing fields throughout the Third World.

3.31 ROYAL ARCHITECTURAL INSTITUTE OF CANADA (RAIC)

328 Somerset West

Ottawa, Ontario K2P 0J9

Telephone: (613) 232-7165 Fax: (613) 232-7559

Contact Person: Timothy Kehoe, Director of Research and Education
Roberto Torres, International Development Co-ordinator

PURPOSE/ OBJECTIVES	As the professional association representing Canadian architects, the RAIC can draw on a broad network of architectural firms and schools to address issues related to research and development, training in design management related to architecture and construction, curriculum development and organizational development.
INCORPORATION	1907
STAFF	Total: 11 Canada: 10 Overseas: 1
ASSISTANCE	<ul style="list-style-type: none">- Financial: direct or helping to access funds- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Water Supply/Sanitation- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Construction- Architecture- Appropriate Technology/Building Materials
LANGUAGES	English, French and Spanish.
COUNTRIES	The RAIC has project experience in Colombia and is starting a program in China. Besides working in Colombia and China, the RAIC is interested in Peru, and other Latin American countries, and South Asia.
PROJECTS	I Construyamos Project - Phase III, Colombia, 1988 - 1992. RAIC is providing technical and management assistance to Construyamos, a national federation of self-help housing CBOs, directed at improving the quality and quantity of low-income housing provision. This project was done in partnership with CIDA, Construyamos, and a variety of Canadian consultants.
FUTURE PLANS	The RAIC intend to put in place an extensive international development program with projects in various areas, including Latin America, Asia and Africa. Immediate plans are for implementing professional exchange programs with Chinese counterpart groups.

3.31 RAIC con't

PUBLICATIONS

Canadian Contributions: Case Histories of Shelter-Related Initiatives Relevant to Developing Countries. Chreod International, September 1987.

3.32 SANKEY PARTNERSHIP ARCHITECTS

172 King Street East

Toronto, Ontario M5A 1J3

Telephone: (416) 869-1222 Telex: 06-218619 SANKEY TOR Fax: (416) 869-3987

Contact Person: Mr. Lloyd P. Sankey, Senior Partner

PURPOSE/ OBJECTIVES	Twenty-five years of experience in architecture/planning, with knowledge of system housing approaches and prefabrication.
INCORPORATION	1964
STAFF	Total: 35 Canada: 35
ASSISTANCE	- Technical assistance, co-operation, and consulting
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Community/Education Facilities- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Construction- Architecture
LANGUAGES	English, French, German, and Hindi
COUNTRIES	No specific shelter experience, but they have worked in the Caribbean (St. Maarten) and Saudi Arabia. Interested in working wherever they can be of assistance.
PROJECTS	<p>I New Canadian Embassy and Staff Housing, Saudi-Arabia, 1980-1985. A 20 million dollar development incorporating a chancery, ambassador's residence, and 15 staff housing units for External Affairs, Ottawa. The Partnership provided complete services, design, promotion, and on site supervision.</p> <p>II General Housing in the Caribbean, St. Maarten, 1970-1972. This two year project consisted of the production of general row and single family housing. The Partnership had an office on the Island to provide complete services. Clients were Canadians, Americans and a few local residents.</p>
FUTURE PLANS	No plans to date, but they would like to attempt to re-enter into the international marketplace in developing countries.

3.33 S. BENJAMIN CONSULTANTS

301-120A Kensington Rd. N.W.

Calgary, Alberta T2N 3P5

Telephone: (403) 270-0217 Telex: 03-821377 BCM MFG CGY

Contact Person: Stan Benjamin

PURPOSE/ OBJECTIVES	S. Benjamin Consultants consults Third World governments and institutions as well as international agencies on: housing policy, project planning and finance, project management evaluation and monitoring. The firm has designed and delivered courses in housing for the poor for HABITAT and several universities.
INCORPORATION	July 1970
STAFF	Total: Varies Canada: 2 Overseas: 1
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Upgrading/Sites & Services- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Finance
LANGUAGES	English, Indonesian, some Swahili and Thai
COUNTRIES	Shelter experience in Tanzania, Bahamas, Venezuela, Thailand, Nepal, Indonesia, Philippines, Bangladesh, Pakistan, Sri Lanka, Ghana, Malaysia, and China.
PROJECTS	<p>I Housing and Urban Development, Tanzania. As economic advisor to the Ministry of Economic Affairs and Development Planning, Tanzania, the firm was responsible for national policy, economic planning, programming and the negotiation of bi-lateral and multi-lateral aid projects.</p> <p>II East Indonesia Regional Development Study, Indonesia. The firm acted as the sub-consultant responsible for planning all resource sectors and preparing the integrated rural development plan for the Canadian International Development Agency (CIDA), and the Government of Indonesia. They also shared responsibility for the final strategy plan document and project proposals.</p> <p>III Human Settlements Program, Asian Institute of Technology (AIT), Bangkok, Thailand. Initially, S. Benjamin Consultants acted as the consultant for urban and regional planning aspects of the program. Later under separate contract,</p>

3.33 S. BENJAMIN con't

they acted as prime consultant to CIDA for expansion of the Canadian aid package to AIT.

PUBLICATIONS

Low Income Urban Housing in the Third World: Broadening the Economic Perspective, Urban Studies No. 22, co-authored. 1985.

"Process and Product: The Housing Costs of Low Income Kampung Dwellers in Indonesian Cities" in **Habitat International** Vol. 9, No. 1. Pergamon Press, 1985.

Training Manual on Low Income Shelter and Services. Nairobi: U.N. Habitat Secretariat, 1981.

Housing Policy and Finance: A Course Manual. Institute of Technology Bandung and University College, London, 1985.

General Readings in Housing. Institute of Technology Bandung and University Colleges, London, 1985.

Housing People in Indonesia. Institute of Technology Bandung and University Colleges, London, 1985.

Village Service Team Training Curriculum. South East Asian Ministries of Education Organization, (SEAMEO) 1985.

Guidelines for Field Operation of Village Service Teams. SEAMO, 1987.

3.34 SIMA GEOGRAPHES-CONSEILS LTE0E

451, rue St-Sulpice
Montréal, Québec H2Y 2V9
Telephone: (514) 849-2371
Contact Person: Robin Roland or Jean-Yves Lalande

PURPOSE/ OBJECTIVES	To undertake urban and regional studies promoting the natural use of land and resources.
INCORPORATION	1979
STAFF	Total: 12-20 Canada: 12 Overseas: 0-8
ASSISTANCE	<ul style="list-style-type: none">- Training in Canada and overseas- Technical assistance, co-operation, and consulting- Research and information
SPECIALIZATION	<ul style="list-style-type: none">- Transportation- Community/Education Facilities- Co-operative Development- Community Development- Urban/Neighbourhood Planning- Rural/Regional Planning- Land Development/Policy- Economic Development
LANGUAGES	Primarily French, also English.
COUNTRIES	Related experience in Burkino Faso and Zaire, will work in any country.
PROJECTS	I Sake-Walikale Route Feasibility Study, Zaire, 1983-1985. SIMA provided assistance in: preparing bio-physical and environmental studies, photo interpretation, preparing alternative land use scenarios, preparation of thematic maps.
FUTURE PLANS	To continue work in planning and project evaluation in Francophone Africa.

3.35 ZEBROSKI ASSOCIATES LTD. ARCHITECTS

36 Hess Street South, Suite 200
Hamilton, Ontario L8P 3N1
Telephone: (416) 529-6777 Fax: 416-521-1779
Contact Person: Gary Zebroski

PURPOSE/ OBJECTIVES	Beyond the traditional skills of an architectural firm Zebroski Associates provide services which assist clients from the moment they identify a need until the project is operational. This includes market analysis, site selection services, and in-depth project analysis.
INCORPORATION	1985
STAFF	Total: 8 Canada: 8
ASSISTANCE	<ul style="list-style-type: none">- Technical assistance, co-operation, and consulting- <i>Programming, site evaluation, project management</i>
SPECIALIZATION	<ul style="list-style-type: none">- Low-cost Housing- Conventional Housing- Upgrading/Sites & Services- Community/Education Facilities- Land Development/Policy- Construction- Architecture
LANGUAGES	English, some staff people speak Spanish and Yugoslavian.
COUNTRIES	No shelter specific project experience but the firm has worked regularly in the Caribbean. They are interested in working anywhere that they can be of assistance.
FUTURE PLANS	Zebroski Associates are planning a branch office in Providenciales, Turks and Caicos Islands, and West Indies in 1989. They are prepared to work for non-profit groups at fees adjusted for the situation.