



NATIONAL ROUND TABLE ON THE ENVIRONMENT AND THE ECONOMY
TABLE RONDE NATIONALE SUR L'ENVIRONNEMENT ET L'ÉCONOMIE

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CANADIAN CAPABILITIES TO UNDERTAKE A SUSTAINABLE CITIES INITIATIVE

Volume III: Companies

Prepared for the
National Round Table on the Environment and the Economy
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by

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December, 1998



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PREFACE

This Volume is one of four containing different elements of an inventory of Canada's capabilities to undertake "sustainable cities initiatives" in urban regions around the globe. Its initial preparation in March-April of 1998 was funded by the Department of Foreign Affairs and International Trade, with logistical and other support by the National Round Table on the Environment and the Economy (NRTEE). In the summer of 1998, NRTEE decided to fund a process of updating and expanding the first version. This work was carried out over the period August-October, with excellent cooperation from organizations across Canada.

The Department of Foreign Affairs and International Trade has sustainable development as one of its key objectives. Throughout the 1990s, the Department has been active in promoting Canada's positions on such urban-related issues as global climate change, marine pollution, peacebuilding and reconstruction, and development of civil society. In addition, the Canadian International Development Agency (CIDA) has been investing in a growing number of urban projects, and took a leading role in developing the Canadian position for HABITAT II, the second United Nations Conference on Human Settlements, held in 1996.

The National Round Table is one of four advisory bodies to the Prime Minister of Canada. In 1995 and 1996, it hosted a series of round table reviews of domestic environmental infrastructure, with emphasis on water and wastewater services in Canada. This resulted in a major report on the "state of the debate" in this field. Over the year 1997, the National Round Table gave even more focused attention to the subject of sustainable cities, with more of an international focus. For example, in May, it hosted an international workshop *Toward Sustainable Cities in APEC: Urban Air Quality and Urban Energy Management*, to provide recommendations to the Canadian government.

The Round Table also co-Chaired the Business Leaders and Local Authorities Forum of the APEC Environment Ministerial, and commissioned an inventory of Canadian sustainable cities expertise, used as one of the base documents for this report. Finally, the chair of the Round Table Foreign Policy Committee presented information at the Beijing meeting *Environmental and Economic Policies Toward Sustainable Cities in APEC*.

At the end of January, 1998, the Round Table hosted a workshop on "Sustainable Cities Solutions" in Ottawa, bringing together some 50 experts from industry, government, non-governmental organizations, and centres of expertise across Canada. This "mapping" project was one of the principal recommendations arising from the workshop. The need for it was reinforced at additional round table sessions of stakeholders on urban project finance and risk management, held in May and in August of 1998.

The following people contributed actively and effectively to preparing this volume, and the larger report of which it is a part: Michael Harcourt, Chair, Foreign Policy Committee, NRTEE; Brian Morrissey, Director General, DFAIT; David Morgan, Policy Advisor, NRTEE; Lise Bélanger, NRTEE; Peter Paproski and Isabel Hentje, Canadian International Development Agency; Lucien Bradet, Director General, Environmental Affairs Branch and Prue Thomson, Environmental Affairs Branch, Industry Canada.

Detailed and intensive work to assemble and to verify the information provided by companies from across Canada and to prepare profiles was by Cynthia Taha and Lisa Van Buren of The Bayswater Consulting Group, Inc. Evelyn Babirye assisted with the mailout to over 500 companies. I would like to thank them, as well as the many companies which submitted up-to-date information for this volume. Any errors or omissions remain the responsibility of the principal editor.

C. David Crenna
President
The Bayswater Consulting Group, Inc.

1. INTRODUCTION

1.1 Purpose and Scope of This Volume

In urban regions around the world, there are huge opportunities for Canadians to work with municipalities and provincial/state authorities, as well as with selected private sector organizations to build a more sustainable future. Forming successful ventures and partnerships with and marketing to these people requires both specialized knowledge and integrated solutions. In the vast majority of cases, they will want proposals that include financing, capacity-building, technology transfer and local employment as well as new technologies and products.

Building on previous work of the National Round Table on the Environment and the Economy, this document details Canadian private sector capabilities to undertake programs and projects leading to sustainable development in urban regions around the globe.

Included in Volume III are companies such as consulting engineering firms, urban planners, builders and others which can implement projects in cities and urban regions, whether in other countries or in Canada itself. However, the emphasis is on those with direct experience in exporting products, technologies and services to developing and transitional economies.

In more specific terms, this volume covers participation by Canadian private sector companies in:

- planning cities and urban regions so as to increase their environmental, economic, social and political sustainability;
- planning and implementing urban-scale infrastructure projects to reduce energy, materials and natural resources consumption;
- planning, building and operating urban facilities, public buildings, and housing in ways that conserve energy, materials and water, reduce solid waste, and prevent pollution and damage to surrounding habitats;
- supporting and increasing capacity of local governments for environmental management through consulting services, training services, institutional strengthening projects and other means.

The aim is to facilitate more active linkages among companies over the whole "life cycle" of cities, and to provide a basis for collective marketing to individual municipal leaders and to venture partners in cities around the globe. This will increase Canadian export prospects and jobs and growth in Canada, and also help build environmental and social sustainability in cities in which Canadian companies operate.

1.2 Contents of Other Volumes

Volume I contains a comprehensive analysis of the whole information base on Canadian capabilities to undertake sustainable cities projects on a global basis.

Volume II focuses on Canada's centres of urban expertise, organizations involved in urban project delivery, professional and trade associations concerned with development issues, and government departments and agencies engaged in urban-related activities within Canada or in attending to Canadian interests abroad.

Volume IV contains information on Canadian involvement in different urban regions around the world, organized by sector and discipline. It seeks to identify the nature and amounts of current Canadian technical assistance and development-oriented investment. It also covers current integrated urban initiatives, by urban region or regions of focus. It identifies many urban investment projects of International Financial Institutions. Finally, the latter volume also contains information on international organizations active in urban development-related issues, a number of which, like the International Council on Local Environmental Initiatives (ICLEI), are based in Canada itself.

2. METHODS EMPLOYED

2.1 Collection of Exporting Company Data

The Bayswater team worked with a variety of sources to compile more than 500 different suppliers of different types of goods and services needed for more sustainable cities, including:

- urban architecture, design and planning firms, especially those with international experience;
- consulting engineering firms, and suppliers of key services to them, such as GIS systems
- suppliers of a wide array of urban infrastructure equipment, as well as construction services, focusing on those which will contribute to revenues and savings over time, and on low-cost solutions;
- suppliers of low-cost building technologies, including low-cost housing;
- other suppliers of services which will facilitate integration and successful adoption of new urban services and technologies, such as development consultants.

The database demonstrates that Canada has a growing environmental, planning design, buildings and infrastructure industry with a keen interest in international markets. The number of companies with substantial international projects and international financial experience are relatively few, however. Most of them offer a range of environment-related expertise to other countries. Many companies are active in only one or two urban areas or are dealing on a company-to-company basis to market their products.

To collect and vet company data, the Bayswater project team first considered materials previously prepared on behalf of the National Round Table, the Department of Foreign Affairs and International Trade, Environment Canada and others involved in the sustainable cities issue over the past year.

Then they undertook a four-step process in gathering and organizing information on private sector capabilities:

- checking comprehensive information and data bases at Federal departments and agencies, notably the Canadian Environmental Solutions database at Industry Canada, the "Canadian Company Capabilities" database available through Strategis, the International Trade Centres, the DFAIT IFINet and regular publications, and Canadian International Development Agency project and organizational information;
- checking with industry association networks, nationally, and in each of Canada's five major regions, including the Association of Consulting Engineers of Canada, the Canadian Construction Association, the Canadian Home Builders Association, the Canadian Manufactured Housing Institute, International Trade Centres, and provincial government sources;
- checking with individual companies, including those appearing in *The Canadian Exporters Catalogue*, the *International Directory of Canadian Building Products and Services*, the *Construction Export Directory*, and the *Canadian Value-Added Building Products Export Directory*.
- directly approaching and collecting information from participants at the Globe '98 trade show in Vancouver, the "Interbuild" trade show in Calgary, the "Construct Canada" trade show in Toronto, and the annual construction trade show at Place Bonaventure in Montreal.

2.2 Limitations of the Data

In any data collection process such as this, it is inevitable that there will be errors and omissions. The scope of what is to be included is not always clear. While the Bayswater team contacted many different organizations, some that are highly relevant may simply have eluded those undertaking scanning work.

Information on the environmental industry is extensive. It is not feasible to exhaust this information. However, the document does reflect a fairly complete picture of companies now exporting in areas relevant to sustainable cities, especially in relation to environmental analysis, pollution prevention, and infrastructure systems. The database continues to expand with a current total of approximately 511 company profiles.

There are bound to be gaps in this information, especially in relation to companies offering multiple types of services, e.g., trading companies, as well as in relation to non-governmental organizations which also undertake consulting contracts.

3. APPLYING A "LIFE-CYCLE" APPROACH TO CANADA'S URBAN CAPABILITIES

3.1 Introduction

As with all human environments, cities have a distinct life cycle. It begins with decisions to transform the natural habitat, then urban regional and city-scale planning and design, then construction, and finally, regeneration of infrastructure and buildings. The Bayswater team categorized the companies within the various stages of the life-cycle, according to their core products or services, which were determined from published company descriptions. For example, companies providing project brokering, financing and market intelligence services are found under the first stage of project development in the life-cycle. Those supplying building systems are found under building construction and operation stage. Companies specializing in environmental impact assessment, environmental consulting and technology transfer services, are under the "urban environmental management" stage of the urban life-cycle.

3.2 Types of Company Core Products and Services by Life Cycle Stage

The following table shows the grouping of company core products and services into the urban life-cycle stages. A number of core products and services fit within several of the life-cycle stages and therefore have been included in each. As well, some services are provided throughout life cycle, including environmental consulting, international development consulting, project management and evaluation services.

URBAN LIFE-CYCLE STAGE	CORE PRODUCTS AND SERVICES
1. Project development	Market intelligence; project brokering, evaluation and management services.
2. Urban governance	Urban capacity-building and training services; International development consulting.
3. Regional and urban planning and design	Planning software; urban design, planning, and research services; international development consulting.
Regional environment impact assessment	Environmental impact assessment services; environmental consulting services.
Urban policy consultation, planning	Urban planning, design, and research services.
Urban design	Urban planning, design, and research services.
Urban region structure planning	Urban planning and research services; environmental impact assessment services.
4. Infrastructure Decisions: policy consultation and planning	Consulting engineering services; environmental impact assessment services; urban planning and research services.
Infrastructure sourcing and financing	Infrastructure component supply.
5. Infrastructure Construction:	Infrastructure systems supply.
Infrastructure operation	Infrastructure systems supply; technology transfer services.
6. Building Decisions: policy consultation and planning	Urban planning services; Urban research services; Consulting engineering services; Environmental impact assessment services.
Building design	Building consulting services; Urban design services; Environmental consulting services.
Building sourcing and financing	Building components supply.
7. Building Construction/Operation:	Building systems supply
8. Urban environmental management	Environmental impact assessment services; Environmental consulting services;
9. Infrastructure and Building Renewal:	Engineering consulting services; Building consulting services; Infrastructure components supply; Infrastructure systems supply; Building components supply.

3.3 Listing of Companies by Life-Cycle Stage

The following listing shows the companies categorized within the urban life-cycle stages. Companies with multiple core products and/or services have been included in each of the appropriate categories. However, to avoid duplication, core products and services as well as place within the life-cycle were based as closely as possible on each company's published description of products and services.

COMPANIES LISTED WITHIN THE URBAN LIFE-CYCLE

1. Project Development:

Advanced Global Marketing Inc.
A.B.N. Amro Bank Canada
Bayswater Consulting Group Inc.
Canadian Environmental Technology Advancement Corporation-West
City Formation International (CFI) Inc.
Contacto Group
Cullbridge Marketing and Communications
ILS Consulting
Innovan Enterprises
International Centre for Sustainable Cities, ICSC
John Winter Associates Ltd.
MGDrake Consulting
Northstar Trade Finance
Ontario International Trade Corporation
Perwit International
RIXCOM
Rodex Technologies Inc
Shirlas Enterprises Ltd.
TEAMIC International - Canada
VXL CleanPower Technologies

2. Urban Governance:

CDS Research Ltd.
CONSULTANTS C.R.E.N.A.
E.T. Jackson and Associates Ltd.
IER Planning, Research & Management
Keir Consultants Inc.
Plan:Net 2000 Limited
RFI (Resource Futures International)
Shelter Consultants Inc.

Urban Governance (continued):

Société en développement et gestion de ressources (SDGR) inc.
Soprin ADS Inc.
The Delta Partners

3. Regional and Urban Planning and Design:

Regional economic and social development planning

AGRA Monenco Quebec Inc.
ARA Consulting Group Inc.
Armin A. Preiksaitis & Associates Ltd.
Arthur Andersen & Co.
BDE Consulting Group Inc.
Cambridge Engineering and Planning
David Naime & Associates Ltd.
EcoPlan International
FGA Consultants Ltd.
Global Partners
Hemson Consulting Ltd
Harris Hudema Consulting Group Limited
John Van Nostrand Associates Ltd.
Leisureplan International Inc.
North - South Trade & Investment Ltd.
Optimus Consulting Services
Pluram International
Roche Ltee, Groupe Conseil
Sypher
Tecsult Environnement Inc.
Wm. C. Thompson & Associates Ltd.

Regional environment impact assessment

Applied Ground Imaging Ltd.
Aquamatrix Research Ltd.
Associated Engineering International Ltd.
BOVAR Environmental
CadamHayes Systems Inc.
CEF Consultants Ltd.
Celdex Environmental Technologies
CEMS (Chemical Emission Management Services)
CENSOL Inc.

Regional environment impact assessment (continued)

Chemex Labs Alberta Inc.
Cirrus Consultants
Clifton Associates Ltd.
Coastal BioAgresearch Ltd.
Cochrane Engineering Inc. / Cochrane Environmental Consultants Inc.
Conestoga-Rovers & Associates Ltd.
Conor Pacific Environmental
D.G. Malcolm & Associates Inc.
Diener Consulting Inc.
D-Tech-T International Inc.
Dunster & Associates Environmental
Enviromega Inc.
Environmental Management Solutions
Enviroservices Inc.
ESSA Technologies Group Ltd.
Fenco MacLaren Inc.
FORAMEC INC.
G3 Consulting Ltd.
Gemcom Software International Inc.
Golder Associates Ltd.
Giffels Associates Ltd.
Greenware Environmental Systems Inc.
Griffiths Muecke Associates
Groupe Serrener Inc.
Hatch Associates Inc.
Holistic Impax Group
Inter Disciplinary Solutions Inc.
Jacques Whitford Environmental Ltd.
J.L. Richards & Associates Limited
Joe Deom Associates
Keystone Environmental Ltd.
KGS Group Inc.
Legwork Environmental Inc.
LGL Limited
Lobbe Technologies Ltd.
Lynx Geosystems Inc.
MacViro Consultants Inc.
Maple Reinders Environmental Ltd.
Pollutech Environmental Limited
Porter Dillon Ltd.
Proctor & Redfern Limited
Rescan Environmental Services Ltd.

Regional environment impact assessment (continued)

R.J. Burnside & Associates Limited
Sanexen Environmental Services Inc.
SEG Engineering Inc.
Sendex Environmental Corp.
SIGMA Engineering Ltd.
S.M. Group International
Sodexen Inc.
Stearns & Conrad Engineers
Strait Engineering Ltd.
System Ecotechnologies Inc.
Target Recycling Inc.
Terrestrial & Aquatic Environmental Managers Ltd.
Torrie Smith Associates
UMA Environmental
Urban Systems Ltd.
Urgel Delisle et Associés Inc.
Venerus International Purification Inc.
Waterloo Hydrogeologic Inc.
Westwind Resources Group Limited

Urban policy consultation and planning

Alberta Research Council
Avalon Mechanical Consultants
Baker McGarva Hart Incorporated
Bidell & Associates
Brian G. Hart & Company
Cathexis Associates Inc.
Chreod Ltd.
Connor Development Services Ltd.
Daniel Arbour & Associates
Ecological Services for Planning
Ecologistics International Ltd.
EGF Associates
Engel Consulting Group
Envision Sustainability Tools Inc.
ESG International
Geomatics International Inc.
Graham Murchie & Associates
Groupe Espace-Temps / Space-Time Group
Group West Systems Ltd
Hyperspectral Data International

Urban policy consultation and planning (continued)

Inukshuk Planning & Development
John A. Neilson Architects Inc.
Judith Reeve & Associates
Lakeshore Planning Group Inc.
Linnet Geomatics International Inc.
Malone Given Parsons Ltd.
Martindale Planning Services
Pedro Pinental Architect
Peter J. Smith & Company Inc.
Planning and Engineering Initiatives Ltd.
Project Planning Limited
Quadra Planning Consultants Ltd.
Ressources Kitaskino XXI Inc.
Sheltair Group Inc.
Sorensen Gravely Lowes Planning Associates Inc.
Universal Systems Limited
Watsun Simulation Laboratory
Yamashita Planning Consultants

Urban centre planning

A.G. Levinsohn Consulting Inc.
Beak International Inc.
DS-Lea Consultants Ltd.
Facilities Planning Associates Ltd.
Kelly & Company
Kyllo Planning & Development Ltd.
Houlihan: Research and Planning
Monteith Zelinka Priamo Limited
OMIRA Inc.
Richardson Associates (1993) Limited
UMA Engineering Ltd. (Edmonton)

Urban design

ADI Limited
IBI Group Architects, Planners Engineers
Bunting Coady Architects
Camillus Engineering Consultants International Ltd.
Canora (Asia) Incorporated
Canrede

Urban design (continued):

Coles Associates Ltd.
Corush Sunderland Wright Limited
Crandall Engineering Ltd.
Cumming Cockburn Ltd.
CWMM Consulting Engineers Limited
Davidson Yuen Simpson Architects
Delcan Corporation
Dillon Consulting Ltd.
DST Consulting Engineers
du Toit Allsopp Hillier
EPEC Consulting Sask. Ltd.
E.P. Engineered Pump Systems Limited
Ferguson Simek Clark
Gartner Lee Limited
Guthrie Muscovitch Architects
HVNetworks
Klohn-Crippen Consultants Ltd.
Marshall Macklin Monaghan Limited
McNeely Engineering Consultants Ltd.
N.D. Lea International Ltd.
New Era Engineering Corporation
O'Halloran Campbell Consultants Limited
Page & Steele Architects Planners
Patti Rao / Architect Planner
Phillips, Farevaag, Smallemberg
Reid Crowther International Ltd.
Ron Sandrin-Litt, Development Planning
Simons International Corporation
SNC-Lavalin Group Inc.
Solar Solutions RECD Inc.
Strogan Inc.
The Benoit Group
The Planning Partnership

Urban region structure planning

Architectura (Waisman Dewar Grout Carter Inc.)
Bing Thom Architects Inc.
Christopher Cooke, Management Consultant
Metropolitan Planning & Engineering Inc
Michel Frojmovic, Planning Consultant
Planam Enr.

Urban region structure planning (continued):

The Orthoshop
Urban Strategies Inc.
Walker, Nott, Dragicevic Associates Ltd.

4. Infrastructure Decisions:

Infrastructure policy consultation and planning

ABL Environmental Consultants Ltd.
Acres International Limited
Ainley Graham and Associates International Trade and Development
BA Consulting Group Ltd.
Beasy Nicoll Engineering Limited (BNEL)
Berlie Steel Products Ltd.
B.H. Levelton & Associates Ltd.
Cowater International Inc.
Eco Waste Solutions Inc.
Energy Pathways Inc.
Envirochem Management Systems Inc.
EnvironLatin Consulting Services
ETV Canada Inc.
Goodfellow Consultants Inc.
Groupe Chagnon International Ltée.
HuestisHolm Barristers and Solicitors
Itres Research Ltd.
J.D. Mollard & Associates Ltd.
Kavanagh & Associates Limited
Lambourne Environmental
McElhanney Consulting Services Ltd.
REIC Ltd.
R.V. Anderson Associates Limited
SGA Consulting
Sub-Tech Surface Technologies and Instrumentation Ltd.
TerraChoice Environmental Services Inc.
Titan-Komex Operations Ltd.
Tremblay, Bois, Mignault & Lemay
Wintec EMC Energy Management Corporation

Infrastructure sourcing and financing

2000 Environmental Services
3L Filters Ltd.
Aastra Telecom Inc.
ADMIC Controls
AGGLO Recovery Inc.
Albarrie Canada Limited
Alternative Fuel Systems Inc.
Amtech Chemicals Ltd.
Associated Tube Industries Inc.
Autumn Industries Inc.
Banister Foundation Inc. (BFI)
Bayly Communications Inc.
Beak International Ltd.
Bechtel
Bell Sygma Inc.
Beulah Tec
Bitumar Inc.
Blue-Zones Technologies Ltd.
Bombardier Inc. Mass Transit Division
Boreal Laser Inc.
Callrich Eco Services Inc.
Canadian Environmental Technologies (CET)
Canadian Geo-Solar Inc.
Cape Breton Environmental Systems
CEM Specialities Inc.
CIMAT Power Systems
Circul-Aire, Division of PM Wright
CML Technologies Inc.
CODE Incorporated
Colt Engineering Corporation
Commonwealth: An Atkinson Company
Consolidated Envirowaste Industries Inc.
Construction Fitzpatrick Canada Ltée
Contemporary Information Analysis Limited
Continental Waste Conversion Inc.
Creative Communities Research Inc.
Cree Regional Economic Enterprises Company Inc.
C.S. Systèmes de disposition de déchets et de récupération Inc.
Custom Lighting Ltd.
Davnor Water Treatment Technologies Ltd.
Degimi Environnement Inc.

Infrastructure sourcing and financing (continued)

Degrémont Infilco Ltd.
Delta Catalytic Constructors Ltd.
Diesel Controls Ltd.
Dominion Bridge
Duchesne Pipe Ltd.
Dutch Industries Ltd.
EARTH (Canada) Corporation
Eastern Power
ECO Fuel Systems Inc.
Ecolad Corporation
Ecolo Odor Control Systems Worldwide
Electrolyser Corporation Ltd.
Energie Controle 2001 Inc.
Energy Systems & Designs
Engine Control Systems Ltd.
Entreprises Vibec Inc.
ESDEX Recycling Corporation
E.S. Fox
Five Seasons Comfort Limited
Flywheel Energy Systems Inc. (FESI)
GEC ALSTHOM Energies Inc.
General Scrap & Car Shredder Ltd.
Groupe International Désourdy Inc.
G.P. Novatech Controls Inc.
Greenisle Plastics
Grove Wood Heat Inc.
HEATH Consultants Ltd.
Hydroxyl Systems
HYGREX Spehr Industries
Image Inspection Services Ltd.
International Water-Guard Industries Inc.
Jade Environmentally Friendly Inc.
Janin
Labrie Equipment
La Cie de Pavage d'Asphalte Beaver, Division du Groupe Devesco Ltée
MADVAC
Markland Specialty Engineering Ltd.
Martec Liquid Products Ltd.
Matrix Energy Inc.
M.G. Environmental Equipment Limited
Microsep International Corporation
MTS (Manitoba Telecom Services Inc.)

Infrastructure sourcing and financing (continued)

Nortel (Northern Telecom)
North American Energy Systems
Nor' Wester Energy Systems Ltd.
N-Viro Systems Canada Inc.
Ominitronix Ltd.
Opron Inc.
Option Environment Inc.
Paragon Envirocycle Inc.
PCL Constructors Inc.
Philip Services Corp.
Photron Canada Inc.
Praher Canada Products Ltd.
Polyphalt Inc.
Positron Inc.
Powermat Manufacturing Inc.
Pyrovac International Inc.
Queneco International Inc.
RAMCO Group
Recovery Technologies Inc.
Refrigerant Services Inc.
Reonac Energy Systems Inc.
Rhino Linings (Canada) Inc.
Rhino Systems Canada Inc
Roy Consultants Group
Sambrabec Inc.
Sasktel International
SEFRAM Inc.
Siemens Canada Limited
Solar Plus
Solcan Ltd.
Solenos SPD Inc.
Soltrac International Inc.
SOPREMA
Suimon Engineering Canada Ltd.
Teklogix Inc.
Trigen-PEI
Trihedral Engineering Limited
Trojan Technologies Inc.
Ultra-Sun Industries Inc.
VanCity Credit Union
Vanport Sterilizers Inc.
Wardrop Engineering Inc.

Infrastructure sourcing and financing (continued)

Wastewater Technology International Corp.
Wavemill Energy Corp.
WaveRider Communications Inc
Wright Environmental Management Inc.
ZCL Composites Inc.
Zenon Environmental Inc.

5. Infrastructure Construction/Operation:

Infrastructure construction

A-1 Airtek Inc.
Adam Clark Company Ltd.
Air Solutions
Anthratch
Aqua Pure Ventures Inc.
CAE Electronics Inc.
Corporate Energy Solutions Limited (CEC)
Dectron Inc.
Dessau International Limited
Eco Process and Equipment Inc.
Enertran Inc.
Foremost Industries Inc.
FSI International Services Ltd.
Gasoil Systems Inc.
Genesis Organic Inc.
Harris Canada Inc.
KMW Group
Nova Scotia Power
Radian Design & Supply Ltd.
The Municipal Group of Companies
Wesco Distribution - Canada Ltd

Infrastructure operation

Aqua Data Inc.
Hycal Energy Research Laboratories Ltd.
Proceco Ltd.

6. Building Decisions:

Building policy consultation and planning

Blue Heron Consulting Services
Commonwealth Historic Resource Management Limited
Energy Training Centre, Seneca College Newmarket Campus
Enermodal Engineering Limited
Habart & Associates Consulting (B.C. Hydro International Limited)
Inscape Design
K. Ito and Associates
Lio and Associates
Martin Liefhebber Architect Incorporated
Nicon Developments Limited
Richard Kadulski, Architect
Rose Technology Group Ltd.
Save Energy Engineering Inc.
Urban Ecology Design Collaborative

Building design

Canadian International Builders Inc.
Design Consultants
Two Row Architect

Building sourcing and financing

ATCO Noise Management
Athena Sustainable Materials Institute
Conserval Engineering Inc.
DAC International Inc.
Dashwood Industries Ltd.
Descon Building Systems Inc.
Distributions Gypco
E2 Development Corporation
Eco Trust Technologies Inc.
Edgetech I.G. Inc.
Envirowall Partition Systems Ltd.
Équipement Fédéral Québec Ltée
Fibrehouse Limited
F&S Manufacturing
Guillrvin International
Happy Harry's Used Building Materials

Building sourcing and financing (continued):

Hi Rise Recycling Systems, Inc.
Idealite Systems Incorporated
Kaede Housing Systems Limited
Les Produits Sparbeton Ltée
Loewen Windows
Makloc Buildings Inc.
MASCON Engineering Limited
Nascor Inc.
Nu-Fab Building Products Limited
Ottawa Office Environments
Plasti-Fab Ltd.
Prestige Homes
Recycled Solutions for Industry Inc.
Roxul Inc.
Royal Building Systems (Cdn) Limited
Royal Plastics Group Limited
Seven-S Building Systems
Swiftsure Enterprises Ltd.
Systems Digigraph Inc.
Teron Inc.
Thermo-Cell Industries Ltd.
The Watt Stopper Inc.
UniSeal
Urban Resources Technologies Inc.
Winfield Home Systems

7. Building Construction/Operation:

Building Construction

AAB Building Systems Inc.
Advatech Homes Canada Inc.
Almita Manufacturing Ltd.
Archimède 2000 Inc.
Davey International
Imperial Design-Build Inc.
Kenwest Enterprises Ltd.
Polycrete Industries Inc.
Pomerleau International Inc.
RYCO - ALBERICI Ltd.
Sintra Inc.

Building Construction (continued):

Skookum
Sprung Instant Structures
Stewiacke Building Centres
Walter & SCI Construction (Canada) Ltd.
Westwood Building Systems
Worldwide Ozone Inc., Ozone Oxidizing Operations Inc.

9. Infrastructure and Building Renewal:

Urban environment management

Ainsworth Inc.
Aldworth Engineering Inc.
ARRAKIS Consultants Inc.
Atrion International Inc.
Canadian Waste Services Inc.
C.S.P. Environmental Consultants, Ltd.
Demeter Group
EDM Environmental Design Management
Engineering Associates Limited
Environmental Waste Management Services Inc.
GreenWare Environmental Systems Inc.
Lanbourne Environmental
Manitoba Hydro
MNC Group Inc.
Nautical Data International Inc.
Nexus International
Paramount Rubber Recycling Ltd.
Stanley Consulting Group
WCI Waste Conversion

10. Throughout Urban Life Cycle:

AGRA Inc.
AGRA Earth & Environmental Ltd. (Subsidiary of AGRA)
AGRA Earth and Environment Ottawa
ARA Consulting Group Inc.
John Van Nostrand Associates Ltd.
SNC-Lavalin Group Inc.