



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

NRTEE Official Reports Copyright and Reproduction Notice

All **NRTEE Official Reports** (“Works”), provided on this USB memory key and identified in the **NRTEE Official Reports List** folder, contain their individual copyright and reproduction notice. The notice in each of these Works is replaced and superseded by the following copyright and reproduction notice, effective February 22, 2013:

© This Work is protected by copyright and made available for personal or public non-commercial use and may be reproduced, in part or in whole, and by any means, and may be further distributed for non-commercial use, without charge or further permission. All users are required to indicate that the reproduction, whether in part or in whole, is a copy of a Work of the National Round Table on the Environment and the Economy (NRTEE). Reproduction, in whole or in part, of this Work for the purpose of commercial redistribution is strictly prohibited. Furthermore, no right to modify or alter in any manner the Work is hereby granted.

Consultant Reports Copyright and Reproduction Notice

All **Consultant Reports** (“Works”), provided on this USB memory key and identified in the **Consultant Reports List** folder, were prepared for, or commissioned by, the National Round Table on the Environment and the Economy (“NRTEE”) in support of its research efforts, and may or may not reflect the views of the NRTEE. Such Works may not contain a copyright notice as they were not intended for public release when they were so prepared or commissioned. In the absence of a copyright notice, and where a copyright notice may in fact appear, the following notice shall be read together with the Work and, where applicable, replace and supersede any existing copyright notice, effective February 22, 2013:

© This Work is protected by copyright and made available for personal or public non-commercial use and may be reproduced, in part or in whole, and by any means, and may be further distributed for non-commercial use, without charge or further permission. All users are required to indicate that the reproduction, in part or in whole, is a copy of a Work of the National Round Table on the Environment and the Economy (NRTEE). Reproduction, in whole or in part, of this Work for the purpose of commercial redistribution is strictly prohibited. Furthermore, no right to modify or alter in any manner the Work is hereby granted.

review

NEWS FROM THE NATIONAL ROUND TABLE ON THE ENVIRONMENT AND THE ECONOMY

PM Appoints International Trade Minister to Respond to National Round Table Report

International Trade Minister Sergio Marchi has been appointed by the Prime Minister to coordinate the government's response to the *NRTEE Sustainable Cities Initiative Final Report and Recommendations*, which was recently released.

Rapid urbanization in developing countries is a major challenge facing the entire world. In one generation, the already-strained cities of the developing world will swell by 2.4 billion more people: the rough equivalent of "two more China's worth" of population. The *NRTEE Sustainable Cities Initiative Final Report and Recommendations* calls for the federal government, non-governmental organizations and Canadian business to respond to growing pressures faced by cities around the world, including water and air pollution, severe traffic congestion and the lack of clean energy supplies.

"Rapid urbanization in developing countries is a challenge and opportunity that Canada should not ignore," said the

Prime Minister, in a press release issued from his office. "I agree with the Round Table that governments should offer their support to Canadian industry to help them take advantage of these opportunities which improve both the global and local environment and also benefit the Canadian economy."

The report is a blueprint that shows how Canada can effectively participate in the provision of environmentally sound infrastructure in developing countries. Canada can have a maximum positive environmental impact in cities around the world while benefiting our economy.

The *NRTEE Sustainable Cities Initiative Final Report and Recommendations* shows how Canadian companies, the public sector and not-for-profit organizations can

and must mobilize and coordinate their efforts to successfully compete in the \$850 billion global urban infrastructure market.

"There is a need and an opportunity for Canadians to integrate our efforts to reduce *Sustainable Cities* cont. on page 2

NRTEE Welcomes Three New Members!

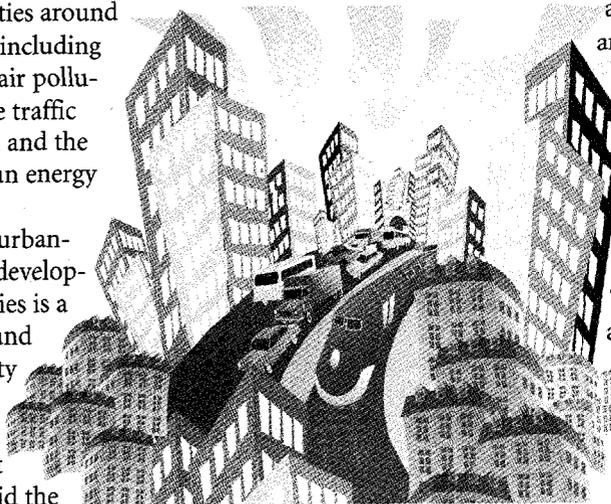
Raymond E. Ivany, William H. Johnstone and Patricia McCunn-Miller have recently been appointed to the National Round Table on the Environment and the Economy.

Raymond E. Ivany, from Nova Scotia, is President of the Nova Scotia Community College. From 1989 to 1990, Mr. Ivany served as a member of the Federal Task Force on the Northern Cod Fishery. He is currently serving as a member of the Nova Scotia Research Development and Innovation Advisory Board and the Joint Action Group in Environmental Clean-up of the Muggah Creek Watershed Area.

William H. Johnstone, from Saskatchewan, is owner and operator of a cereal grains farm, and currently serves as Reeve for the Rural Municipality of Moose Jaw. He was Councillor for the same municipality from 1977 to 1984. Mr. Johnstone is also a businessman and a partner in L & J Agro Operations. He obtained a diploma in Agriculture from the University of Saskatchewan. He served for two years as Chair of the District Agricultural Development and Diversification Board.

Patricia McCunn-Miller, from Alberta, is Manager of Regulatory Affairs of PanCanadian Petroleum Limited.

New Members cont. on page 2



National Round Table
on the Environment
and the Economy

Canada Building, 344 Slater Street, Suite 200
Ottawa, Ontario, Canada K1R 7Y3

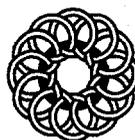


Table ronde nationale
sur l'environnement
et l'économie

Édifice Canada, 344, rue Slater, bureau 200
Ottawa (Ontario) Canada K1R 7Y3

**LEAD Canada's
Cohort 6 Graduates
in New York
(see p. 3)**

New Members cont. from page 1

She previously worked as General Counsel to the Alberta Petroleum Marketing Commission and Regulatory Advisor to the Palliser Pipeline Project. In 1994, she served as Chair of the Midwinter Conference of the Canadian Petroleum Law Foundation, on emerging legal issues (environmental, regulatory, business risk) affecting the energy industry. Ms. McCunn-Miller has comprehensive energy experience with specific expertise in current marketing, transportation, regulatory, competition and environmental issues. She holds a Bachelor of Laws from the University of Ottawa. ☉

Sustainable Cities cont. from page 1

confusion and duplication of effort," says Mike Harcourt, former premier of British Columbia and Chair of the NRTEE Foreign Policy Committee. "The benefits will be two-fold. It will benefit not only the residents of these cities but the Canadian economy as well."

The report is the result of 18 months of work by the NRTEE in consultation with interested government departments, major suppliers of infrastructure, engineering services, non-profit organizations, World Bank officials, academics and municipal representatives.

Industry Canada's Environmental Industries Branch is putting together interested companies, departments and non-governmental organizations to study the possibility of developing pilot projects in East-Central Europe, South America and Asia to work on the issues identified in the NRTEE report. These projects would create a "city team" that would bring together a broad range of experts in urban development, such as transportation systems, waste management, energy and urban design. Parties interested in participating in the pilot projects are invited to contact Prue Thomson, Environmental Affairs Branch, Industry Canada, at (613) 954-2938.

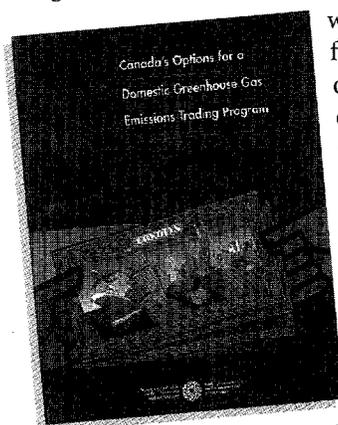
For a free copy of the report, please contact the NRTEE Publication line at 947-7287, or visit our Web site at www.nrtee-trnee.ca. ☉

New Publications from the NRTEE

The NRTEE has released several new publications recently in the areas of emissions trading and eco-efficiency.

Emissions Trading

The NRTEE has completed a series of technical papers on emissions trading. The series deals with the issues common to several possible designs for a domestic greenhouse gas emissions trading system. As well, the NRTEE has released *Canada's Options for a Domestic Greenhouse Gas Emissions Trading Program*, which examines the strengths and



weaknesses of five potential options for a domestic emissions trading program for greenhouse gases.

Emissions trading is a system created when strict limits

are placed on allowable emissions, either through government regulation, voluntary industry participation, or a combination of both. Companies can then meet these limits by purchasing "credits" from firms that do even better than required, resulting in the largest possible improvements for each dollar invested. The report urges the federal and provincial governments to proceed immediately, in consultation with industry and environmental groups, with the analysis required to select and implement a suitably designed emissions trading program.

Eco-efficiency

Eco-efficiency is a practical approach that businesses are adopting in setting and achieving their environmental performance objectives. Measuring these goals in a standardized manner will allow useful dialogue and permit easy comparison between divisions, companies and business sectors. The NRTEE, with the cooperation of the World Business Council for Sustainable Development and the active participation of eight companies, has developed a set of indi-

cators which could accomplish this objective. *Measuring Eco-efficiency in Business: Feasibility of a Core Set of Indicators* summarizes the results of this two-year study. The report focuses on indicators for energy and material intensity, and has many practical lessons and insights of value to those who develop and implement eco-efficiency indicators.

Measuring Eco-efficiency in Business: Feasibility of a Core Set of Indicators is a useful reference tool for

anyone concerned with policy and decision making in this area.

Both publications are available in English and French, and are offered for sale through **Renouf Publishing Co. Limited**.

Please see our Publications Catalogue for ordering information. ☉



Program Updates

Sustainable Development Issues for the New Millennium

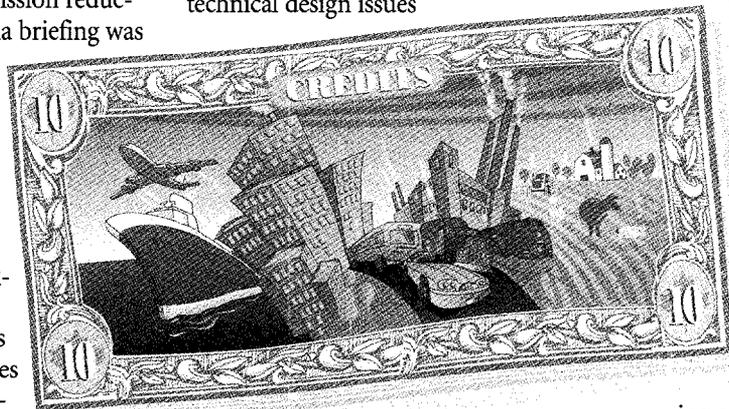
Climate change, destruction of habitat, and contamination of air, land and water are just a few of the vast array of domestic and international challenges facing Canada in the new millennium. The NRTEE's newest program area will focus on complex sustainable development challenges. Throughout the upcoming year, the NRTEE will travel across the country to increase public awareness and engage citizens, encouraging Canadians to contribute their unique experiences and perspectives. After a nation-wide examination of many of the prominent issues, the process will result in practical and strategic recommendations to governments, industry and environmental groups on Canada's sustainable development priorities for the next decade.

Domestic Greenhouse Gas Emissions (GHG) Trading Program is Key to Meeting Canada's Kyoto Commitment Finds Recent NRTEE Report

Canada's Options for a Domestic Greenhouse Gas Emissions Trading Program was released at a media briefing on March 1, 1999. The report discusses five potential programs and calls for Canada to design and implement full-scale voluntary GHG emission reduction credit trading. The media briefing was part of the NRTEE's International Workshop on Progress Toward Development of Domestic Emissions Trading Programs for Greenhouse Gases: A Comparison of Progress Around the World. The workshop brought together over 230 emissions trading experts from a wide range of countries and disciplines to share information on national emissions trading programs and plans.

Speakers from government departments and research agencies in Australia, Canada, New Zealand, Norway, the United States, Denmark and the United Kingdom presented information on their national policy processes and on the trading program designs being examined in each country.

Topics included: Canada's pilot programs (Pilot Emissions Reduction Trading [PERT] Program and Greenhouse Gas Emissions Reduction Trading [GERT] pilot); New Zealand's working paper on technical design issues



for a domestic trading regime for greenhouse gases; Australia's operational specifications for the phased introduction of a nation-wide GHG emissions-trading framework; Denmark's prospects of establishing an emissions trading program; the background and challenges of a Norwegian system for trad-

able GHG permits; the United Kingdom's International Petroleum Exchange's design of a pilot project as well as BJ-Amoco's pilot of an internal trading system; and the studies of alternative designs for domestic emissions trading programs for greenhouse gases currently being conducted by several American organizations.

In addition to the country-specific presentations the delegates participated in workshops on allowance distribution and auctions, complementary policies, strengths and weaknesses of different designs, implications for competitiveness, and emissions source coverage.

The objective of the workshop was to contribute to a better understand-

ing of the strengths and weaknesses of different designs and of the possible implications for competitiveness, and to assist in decision making on the subject. The workshop binder, which includes copies of the presentations, background papers and other materials, is available from the NRTEE for \$200 CAN. If interested, please contact Denise Johnston at (613) 947-0667, or by e-mail at: johnstond@nrtee-trnee.ca. ☉

Program Updates continued

For more information please contact:
Gene Nyberg at 995-7581,
E-mail: nybergg@nrtee-trnee.ca or
Lisa Woodward at 943-7581,
E-mail: woodwardl@nrtee-trnee.ca

Engineering for Sustainability Workshop

The NRTEE is currently finalizing Engineering for Sustainability, a one-day training module that demonstrates practical ways in which engineers can incorporate sustainability principles into their day-to-day activities. This workshop was piloted in Quebec City on September 25, 1998, in conjunction with the Québec/Chaudière-Appalaches regional chapter of the Ordre des ingénieurs du Québec and Québec's Ministère de l'Environnement et de la Faune. Program materials, including a participant's

Program Updates continued on page 4

LEAD Canada's Cohort 6 Graduates in New York

LEAD Canada's Cohort 6 headed to New York for the group's final graduation session (April 11 - 22, 1999). The session brought over 170 Associates together from the LEAD member chapters around the world.

The final session, *The Changing Role of the Inter-Governmental System: Advancing Sustainable Development in the 21st Century*, was organized to coincide with the UN Commission on Sustainable Development (CSD), which met at the UN Headquarters in New York on April 19 - 30, 1999. This enabled the Associates to attend several CSD sessions, to see and experience first-hand the workings of this

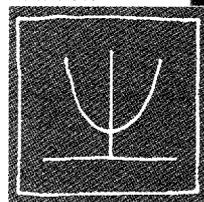
high-level body and increase their access to UN officials and other dignitaries.

The overall goal of the LEAD Canada program is to foster a new generation of decision makers who recognize the need

to develop the earth's resources in a sustainable manner. LEAD Canada provides leadership skills development and training in environmental issues to

Canadians from a variety of backgrounds, who are between the ages of 25 and 40. In Canada, the LEAD program is administered by the NRTEE with the generous assistance of the

International Development Research Centre (IDRC). ☉



Program Updates

manual, a facilitator's guide, and presentation overheads, will be available in the summer of 1999.

This interactive workshop focuses on the economic savings and the environmental benefits achieved by real projects. For more information check out the Education Program section on the NRTEE's Web site.

Contact: Carolyn Cahill at (613) 996-4501, E-mail: cahillc@nrtee-trnee.ca.

Health, Environment and Economy

The positive and widespread interest in our research in this area has prompted the NRTEE to launch a program on Health, Environment and Economy. In particular, consultations with stakeholders, experts and government officials have confirmed the need to improve policy and decision-making processes with respect to the integration of scientific information; the assess-

ment of risks and hazards; the establishment of connections between environmental, health and economic considerations; public input and transparency; and the structure of government.

The program will use case studies to illustrate a range of concerns and to ground the discussion in actual experiences.

Stakeholders will be invited to help analyse the case studies and contribute to the program's final recommendations. Publication of the final report is scheduled for the fall of 2000.

Case studies, workshop proceedings and other program materials will be posted on the NRTEE's Web site (www.nrtee-trnee.ca), as they become available.

Contact: Carolyn Cahill at (613) 996-4501, E-mail: cahillc@nrtee-trnee.ca. ☉

review

NEWS FROM THE NATIONAL ROUND TABLE ON THE ENVIRONMENT AND THE ECONOMY

Goes Electronic

The NRTEE newsletter, *Review*, will soon be available via e-mail. Please let us know if you would like your name added to our electronic mailing list: admin@nrtee-trnee.ca.

On the Web

Find out more about the NRTEE's programs, publications and upcoming events by visiting our World Wide Web site at:

<http://www.nrtee-trnee.ca>

NRTEE MEMBERS

Chair

Dr. Stuart Smith

Chairman
ENSYN Technologies Inc.
Etobicoke, Ontario

Vice-Chair

Lise Lachapelle

President & CEO
Canadian Pulp & Paper Association
Montreal, Quebec

Vice-Chair

Elizabeth May

Executive Director
Sierra Club of Canada
Ottawa, Ontario

Paul G. Antle

President & CEO
SCC Environmental Group Inc.
St. John's, Newfoundland

Jean Bélanger

Ottawa, Ontario

Allan D. Bruce

Administrator
Operating Engineers' (Local 115) Joint
Apprenticeship & Training Plan
Burnaby, British Columbia

Patrick Carson

Nobleton, Ontario

Douglas B. Deacon

Owner, Trailside Café and Adventures
Charlottetown, Prince Edward Island

Johanne Gélinas

Verdun, Quebec

Sam Hamad, P.Eng.

Vice-President, Industry
Roche Ltd., Consulting Group
Sainte-Foy, Quebec

Dr. Arthur J. Hanson

Distinguished Fellow & Senior Scientist
International Institute for Sustainable
Development
Winnipeg, Manitoba

Michael Harcourt

Senior Associate
Sustainable Development
Sustainable Development Research Institute
Vancouver, British Columbia

Raymond E. Ivany

President
Nova Scotia Community College
Halifax, Nova Scotia

William H. Johnstone

Moose Jaw, Saskatchewan

Cindy Kenny-Gilday

Yellowknife, Northwest Territories

Emery P. LeBlanc

Executive Vice-President
Alumina and Primary Metal
Alcan Aluminium Limited
Montreal, Quebec

Anne Letellier de St-Just

Lawyer
Quebec, Quebec

Patricia McCunn-Miller

Manager of Regulatory Affairs
PanCanadian Petroleum Limited
Calgary, Alberta

Ken Ogilvie

Executive Director
Pollution Probe Foundation
Toronto, Ontario

Joseph O'Neill

Vice-President
Woodlands Division
Repap New Brunswick Inc.
Newcastle, New Brunswick

Angus Ross

President
SOREMA Management Inc. &
CEO, SOREMA Canadian Branch
Toronto, Ontario

Irene So

Vice-President and
Associate Portfolio Manager
RBC Dominion Securities
Toronto, Ontario

John Wiebe

President & CEO
GLOBE Foundation of Canada
and Executive Vice-President
Asia Pacific Foundation of Canada
Vancouver, British Columbia

NRTEE SECRETARIAT

Executive Director & CEO

David McGuinty

Executive Assistant & LEAD Program
Administrator

Rebecca Murray

Corporate Secretary & Director of Operations

Gene Nyberg

Administrative Assistant

Hélène Sutton

Senior Policy Advisor

Elizabeth Atkinson

Policy Advisor

Carolyn Cahill

Training Officer, LEAD Canada

Donna Chiarelli

Research Associate

Lisa Woodward

Manager of Communications

Moira Forrest

Public Relations Coordinator

Kelly Bagg

Information Services Officer

Edwin Smith

Desktop Publisher

Kindi Chana

Information Holdings Consultant

David Shields

Office Manager and Conference/Meeting
Coordinator

Cathy Heroux

Manager, Finance & Administration

Pierrette Guitard

Finance & Administration Officer

Anne Mineault

Assistants

Lise Bélanger

Denise Johnson

Anne-Marie Scott

Receptionist/Secretary

Carole Desjardins

For more information, contact:
**The National Round Table
on the Environment and
the Economy**

Canada Building
344 Slater Street, Suite 200

Ottawa, Ontario

Canada K1R 7Y3

Tel: (613) 992-7189

Fax: (613) 992-7385

E-mail: admin@nrtee-trnee.ca

Web: <http://www.nrtee-trnee.ca>

To help avoid waste and duplication,
please let us know if your mailing address
is incorrect.

Printed on Evolution, Glacier
(Rolland) Canadian Environmental
Choice, recycled paper, using
vegetable inks.

Aussi disponible en français

ISSN 1200-0442

Canada