

- Fifth Annual Conference of The Technopolicy Network -

Implementing Regional Innovation Strategies

Exchanging Best Practices for Strategists on Science Based Regional Development



Halifax – Nova Scotia
Canada

September 25 – 26, 2008

Organized by:



In cooperation with:



With support of:



**NSERC
CRSNG**



- Fifth Annual Conference of The Technopolicy Network – Implementing Regional Innovation Strategies

Over the past few years, modern regions have recognized the need to develop regional innovation strategies to succeed in our competitive world. For this it is necessary to identify the determining factors for successful regional innovation and to take into account the different stakeholders. A number of policymakers in various regions continue their efforts to gain insight and further shape their own regional innovation systems, while others have implemented their strategies and can now provide the first results.

The fifth annual conference of The Technopolicy Network will focus on the development and implementation of various regional strategies across the world. Over the course of two days, several international speakers will give insight and address topics including why a regional innovation strategy is essential, what kinds of strategies have been developed, and how to organize the different elements of a successful region. The opportunity to exchange experiences through connecting questions and answers from participants in a network auction will also be provided.



Regional Strategy Developers will learn about:

- Why to create a regional innovation strategy?
- Organizing a regional innovation strategy
- Successfully implementing regional innovation strategies
- Integrating the regional perspective in other policy levels
- Clustering as a regional innovation strategy



THE TECHNOPOLICY NETWORK

The Technopolicy Network is an international network that brings together experts and practitioners in the field of Regional Innovation Policy. The network started in 2004 and now has members and partners in 18 countries and innovative regions in Europe, North America and Asia.

The mission of the network is to exchange knowledge and expertise on Regional Innovation Policy. To this end, the network organizes conferences, seminars and courses on regional innovation, brings the most innovative regions in the world together and helps to set up collaborative projects.

Membership

You can join The Technopolicy Network as an individual or institutional member. Individual members receive a discount on the activities of the network and receive the Newsletter. Institutional membership offers further benefits such as promotion of your region and hosting an event. Please contact us for more information about the membership.

Advisory Board

The management of the network is supported by the Advisory Board. Currently, this international body comprises the following members: **Washington** Roger Stough (President), **Milano** Roberto Camagni, **Beijing** Frank Liang, **Delft** Ronald Vuijk, **Grenoble** Pierre Eisler, **Austin** David Gibson, **Amsterdam** Peter Nijkamp, **Helsinki** Eero Holstila

Contact:

The Technopolicy Network is managed by Science Alliance. Our secretariat is located in The Hague.

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THE TECHNOPOLICY NETWORK

Global Community for Regional Innovation Policy

PROGRAM DAY ONE – 25 SEPTEMBER 2008

Opening by the Chairman of the Day: **Roger Stough**, President of The Technopolicy Network, and Professor of Public Policy, George Mason University, Fairfax, VA, USA

08.30h **Registration and Coffee**

09.00h *Welcome:* **Gerald Keddy**, Parliamentary Secretary to the Minister of the Atlantic Canada Opportunities Agency and to the Minister of International Trade, Ottawa, ON, Canada

09.20h *Welcome:* **Tom Traves**, President and Vice-Chancellor of Dalhousie University, Halifax, NS, Canada

Why a Regional Innovation Strategy?

09.40h *The Ingredients of a Regional Innovation Strategy*

Roger Stough, President of The Technopolicy Network, and Professor of Public Policy, George Mason University, Fairfax, VA, USA

10.00h *The Role of a Region's Economic History in Today's successful Innovation Strategy*

Saskia Sassen, Lynd Professor of Sociology and Member of The Committee on Global Thought, Columbia University, New York, NY, USA

10.20h *Sectorial Pre-competitive Research Support as a Regional Innovation Strategy*

André Bazergui, President and CEO, CRIAQ, Consortium for Research and Innovation in Aerospace in Quebec, Montreal, QC, Canada

10.40h **Coffee Break**

Successfully Implementing Regional Innovation Strategies

11.00h *The Innovation Strategy of Helsinki Region: How to Build a World Class Innovation Centre*

Antti Hautamäki, Director, Unit Innovations and New Solutions, Sitra, Finnish Innovation Fund, Helsinki, Finland

11.20h *Implementing a Regional Innovation Strategy in Atlantic Canada*

Paul LeBlanc, Executive Vice-President, Atlantic Canada Opportunities Agency, Moncton, NB, Canada

11.40h *Best Practice in Regional Innovation Strategies: The Role of Innovation Awards*

Charles Wessner, Director, Technology, Innovation and Entrepreneurship, National Academy of Science, Washington D.C., USA

12.00h Questions and Answers

12.15h **Lunch**

Lunch address: *The Role of Universities in Regional Innovation*

Suzanne Fortier, President, Natural Sciences and Engineering Research Council of Canada, Ottawa, ON, Canada

13.30h **Break-out Sessions:**

Integrating the Regional Perspective in other Policy Levels

Municipal	National	Cross-border
<p><i>The City of Waterloo and its Innovative Region</i> Brenda Halloran, Mayor of Waterloo, ON, Canada</p> <p><i>Delft, Centre of Technology and its Position in the Region</i> Wilbert Hoondert, Head of Culture, Knowledge and Economy, Municipality Delft, The Netherlands</p> <p><i>Technology Region Aachen</i> Ralf Meyer, Head of Knowledge Management and Location Development, AGIT mbH, Aachen, Germany</p>	<p><i>Building Canada's Competitive Advantage Through Effective Regional Innovation Strategies - An Atlantic Canada Perspective</i> Paul Mills, Vice-President Newfoundland and Labrador, Atlantic Canada Opportunities Agency, St. John's, NL, Canada</p> <p><i>The Regional Innovation Initiative: Catalyzing Consensus on National Policy</i> Samuel Leiken, Senior Director of Policy Studies, Council of Competitiveness, Washington D.C., USA</p> <p><i>The Regional Innovation Strategy of Western Switzerland</i> Christoph Meier, Director, Réseau CCSO, Fribourg, Switzerland</p>	<p><i>The Pacific North West Region Case</i> Joy Howland, Development Program Manager, Pacific Northwest Innovation Network (PNWIN) and Workforce, Seattle, WA, USA</p> <p><i>The Öresund Model</i> Bengt Streijffert, Director, Öresund Science Region, Lund, Sweden</p> <p><i>Mechanisms for Cross-border Support: OECD Examples</i> Karen Maguire, Administrator, Regional Competitiveness and Governance Division, OECD, Paris, France</p>

15.00h **Coffee Break**

15.30h **Break-out Sessions:**

Elements of a successful Innovative Region

How to attract Talent?	How to foster R&D Capacity?	How to attract Investors?	How to create Entrepreneurship Facilities?
<p><i>The Role of Talent in determining the Choice of Regions</i> David Wolfe, Professor of Political Science and Co-Director Program on Globalization and Regional Innovation Systems, University of Toronto, Toronto, ON, Canada</p> <p><i>Attracting and retaining skilled Human Resources to the Bioscience Based Sector</i> Rory Francis, Executive Director, Prince Edward Island BioAlliance, Charlottetown, PEI, Canada</p> <p><i>Staying Competitive: Belfast and its Region</i> Marie-Thérèse McGivern, Director of Development, Belfast City Council, Belfast, Northern Ireland</p>	<p><i>Research Collaboration: Successfully leveraging Regional Expertise</i> Pierre Coulombe, President, National Research Council, Ottawa, ON, Canada</p> <p><i>Leuven Knowledge Economy Region: Ingredients and strong Individuals who can make the Difference</i> Martin Hinoul, Business Development Manager, Katholieke Universiteit Leuven Research & Development, Leuven, Belgium</p> <p><i>Creating Distinctive R&D Consortia for Successful Regional Innovation</i> Theo Föllings, Vice President, Oost NV, Arnhem, The Netherlands</p>	<p><i>Connecting Investors to Entrepreneurs</i> Alan Barrell, Entrepreneur in Residence, Centre for Entrepreneurial Learning, University of Cambridge, Cambridge, UK</p> <p><i>Venture-backed Technology Companies shaping the Innovative Region</i> Mike Grandinetti, Senior Lecturer, MIT Sloan School of Management Center for Global Entrepreneurship, Cambridge, MA, USA</p> <p><i>What attracts Venture Capitalists?</i> Samuel Leiken, Senior Director of Policy Studies, Council of Competitiveness, Washington D.C., USA</p>	<p><i>The Entrepreneurial University</i> Charles Wessner, Director, Technology, Innovation and Entrepreneurship, National Academy of Science, Washington D.C., USA</p> <p><i>Supporting High Potential early Stage Companies in successfully commercializing their Technologies</i> Dan MacDonald, President & CEO, inNOVAcorp, Halifax, NS, Canada</p> <p><i>Building the Entrepreneurship Culture - Deviants Welcome</i> Iain Klugman, CEO, Communitech Technology Association, Waterloo, ON, Canada</p>

17.00h **End of Program**

18.00h **Conference Reception**

19.00h **NSERC Synergy Awards for Innovation Conference dinner**



Investing in research Building prosperity

NSERC is a key federal organization investing in university-based science and engineering research. Our vision is to help make Canada a country of discoverers and innovators for the benefit of all Canadians. We invest more than \$1 billion every year in basic research, university-industry partnerships and training the next generation of Canada's scientists and engineers. NSERC recognizes the vital role that innovation plays in maintaining Canada's competitiveness in today's global economy. Our funding programs facilitate new discoveries, provide access to infrastructure and foster collaboration.



Natural Sciences and Engineering
Research Council of Canada

Conseil de recherches en sciences
naturelles et en génie du Canada

Canada

People. Discovery. Innovation.
www.nserc.gc.ca



Mobilizing Science and Technology to Canada's Advantage

The Government of Canada recognizes research, innovation and commercialization are key to Canada's sustained economic growth and improved quality of life.

NRC — Science at Work for Canada

As Canada's leading resource for S&T based innovation, the National Research Council puts its science to work for Canada through leading-edge research, technology development, commercialization, and other innovation system support to industry.

Building innovation in communities across the land

- 11 community technology cluster initiatives — touching every region of Canada
- unique, diverse enabling partnerships with industry, government & university players
- support for technology intensive firms to improve their capacity to develop new products, to innovate and to better compete.



For more information visit NRC's **GATEWAY FOR BUSINESS**
www.nrc-cnrc.gc.ca/business_e.html or call us toll free **1-877-NRC-CNRC**

Through its research, technology development, commercialization, partnership facilities, knowledge resources and research assistance and advice, NRC is helping small and medium-size enterprises in communities across Canada succeed in today's global marketplace.



National Research
Council Canada

Conseil national
de recherches Canada

Canada

PROGRAM DAY TWO – 26 SEPTEMBER 2008

Chairman of the Day: **Eero Holstila**, Director, Office of Economic Development, City of Helsinki, Finland

09.00h Coffee

Organizing Regional Innovation

09.30h *Collaboration as Competitive Advantage*

Ilse Treurnicht, CEO, MaRS Discovery District, Toronto, ON, Canada

09.50h *Integrating Entrepreneurship into a successful Regional Innovation Strategy*

Alan Barrell, Entrepreneur in Residence, Centre for Entrepreneurial Learning, University of Cambridge, Cambridge, UK

10.10h *Monitoring Regional Innovation*

Mark White, Training and Technical Assistance Director, Center for Regional Economic Competitiveness (CREC) and the Council for Community and Economic Research (C2ER), Arlington, VA, USA

10.30h Coffee Break

Clustering as a Regional Innovation Strategy

11.00h *Building successful Science and Technology Cluster Initiatives*

Pierre Coulombe, President, National Research Council, Ottawa, ON, Canada

11.20h *Supporting the Technology Cluster in the Waterloo Region*

Iain Klugman, CEO, Communitech Technology Association, Waterloo, ON, Canada

11.40h *Entrepreneurial Urban Clusters in the Global Economy*

Tirumarur Lakshmanan, Director of Center for Transportation Studies and Professor at the Department of Geography and Environment, Executive Director of the Center for Energy and Environmental Studies, Boston University, Boston, MA, USA

12.00h Questions and Answers

12.15h Lunch

13.30h Break-out Sessions:

The Role-taking Process: Taking Initiatives in the Regional Innovation Process

<i>Anchor Companies</i>	<i>Knowledge Institutes</i>	<i>Investors</i>
<p><i>Philips in Brainport Eindhoven</i> Elies Lemkes-Straver, Director, Brainport Foundation, Eindhoven, The Netherlands</p> <p><i>The Role of Companies within the Helsinki Regional Innovation Strategy</i> Pasi Mäkinen, Managing Director, Culminatium Ltd, Espoo, Finland</p> <p><i>Growing a Regional Life Sciences Cluster in the Absence of Anchor Companies</i> Marli MacNeil, CEO, BioNova, Halifax, NS, Canada</p>	<p><i>Nurturing the Entrepreneurial Spirit</i> Mike Grandinetti, Senior Lecturer, MIT Sloan School of Management Center for Global Entrepreneurship, Cambridge, MA, USA</p> <p><i>ELAT: A Knowledge Economy Region of Excellence</i> Martin Hinoul, Business Development Manager, Katholieke Universiteit Leuven Research & Development, Leuven, Belgium</p> <p><i>Springboard Atlantic: a Network to support the Commercialization of University Research</i> Chris Loomis, Vice-President (Research) Memorial University and President, Springboard Atlantic, Halifax, NS, Canada</p>	<p><i>Venture Investing in Atlantic Canada</i> Thomas Hayes President & CEO, GrowthWorks Atlantic Ltd., Halifax, NS, Canada</p> <p><i>Business Angel Networks</i> Eileen Modral, Investment Networks Manager, Oxford Investment Opportunity Network, Oxford, UK</p> <p><i>Connecting Entrepreneurs and Capital</i> Ross Finlay, Director, First Angel Network Association, Halifax, NS, Canada</p>

15.00h Coffee Break

Network Auction: Connecting Regional Questions and Answers

15.30h Moderator: **Frank Zwetsloot**, Director, The Technopolicy Network and Science Alliance, The Hague, The Netherlands

In the network auction, participants come up with questions that they are dealing with and other participants are offering themselves as sparring partner to solve the question.

Thoughts for Back Home

16.30h **Arthur May**, President Emeritus, Memorial University of Newfoundland, St. John's, NL, and Chairman of the Advisory Board, Atlantic Innovation Fund, Canada

16.45h End of Program and Closing Reception

SOCIAL PROGRAM

Halifax

Halifax is the capital city of Nova Scotia and a major business, financial, educational and social centre for Canada's East Coast. This modern port city is vibrant in its culture and heritage, and with a population of over 370,000, it is the largest city east of Québec and north of Boston.

The city has a very diverse economy and recently there has been an increasing focus on the knowledge economy as a foundation for sustainable economic growth. The Halifax region is home to six degree-granting institutions as well as other public research institutions.

Halifax has a strategy which focuses on its labour (improving local educational levels and attracting talent from abroad), stimulating creativity and the creative sectors, improving business climate and working in local, regional, national and international partnerships.

Wednesday 24 September: TOUR & HARBOUR CRUISE

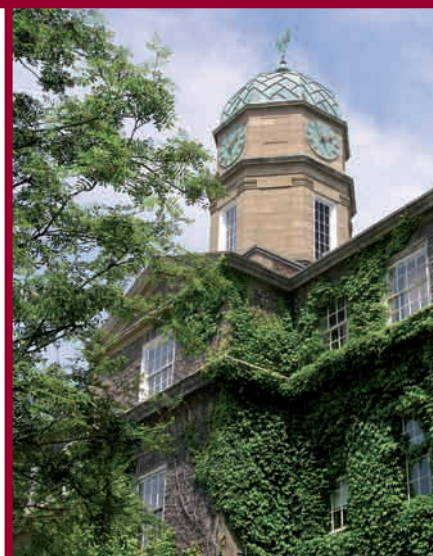
Wednesday 15:30 – 19:00

InNOVAcorp technical visit & tour

We will start the tour with a technical visit to InNOVAcorp. InNOVAcorp helps high potential early stage Nova Scotia companies commercialize their technologies and succeed in the global marketplace. We will visit one of its incubation facilities and learn about their program. There will also be the opportunity to meet a few tenant companies and learn about their market, the technologies and the science behind them, and about how the centre has supported them.

President's reception – Dalhousie University

After the tour, we are invited to the President's reception at Dalhousie University, one of Canada's leading universities. Dalhousie is widely recognized for outstanding academic quality and teaching, and a broad range of educational and research opportunities.



Harbour Cruise – Wednesday 19:30 – 22:00

In order to truly soak up the Halifax atmosphere we invite you to join us for a dinner on board of the Tall Ship Silva. This 130' three masted steel schooner is the ideal location to get acquainted with fellow participants and speakers, whilst enjoying the sunset. On board you will enjoy a three course meal looking out over the beautiful Waterfront of Halifax.

Joining the social program on Wednesday provides you a relaxing opportunity to make valuable contacts with other participants and speakers of the conference. The costs for both the tour and dinner cruise are CAD\$ 75.



Thursday 25 September: NSERC Synergy Awards for Innovation Conference Dinner

Reception & Joint dinner – Thursday 18:00

The Natural Sciences and Engineering Research Council of Canada cordially invites speakers and participants of The Technopolicy Network conference to a joint dinner. This perfect networking opportunity takes place after the first day of the conference, starting off with a reception at 18:00.

During the dinner the annual Synergy Awards for Innovation Ceremony will be held. The annual Synergy Awards for Innovation recognize examples of university-industry collaboration that stand as a model of effective partnership. Both reception and dinner are free of charge.





Building A Stronger Economy Together

Innovation drives the Atlantic Canadian economy, improves competitiveness and productivity, and increases trade and investment.



Together with its partners in economic development, the Atlantic Canada Opportunities Agency is:

- **Helping business** adopt new technology or invest in research and development to generate new products, processes or services.
- **Encouraging partnerships** among private sector firms, universities, colleges and other research institutions in Atlantic Canada in R&D projects that lead to the development and commercialization of new products, processes or services.
- **Investing in large, cutting-edge research and development projects** in the private sector and research institutions to improve the productivity and competitiveness of Atlantic businesses.

For more information, visit www.acoa-apeco.gc.ca or call 1-800-561-7862.

The Atlantic Canada Opportunities Agency works with business and communities to make Atlantic Canada more innovative, productive and competitive. Together, with Atlantic Canadians, we are building a stronger economy.



Atlantic Canada
Opportunities
Agency

Agence de
promotion économique
du Canada atlantique

Canada 

GENERAL INFORMATION

For participation in the conference: **Implementing Regional Innovation Strategies**

Date and Location:

The event will take place on **Thursday September 25 and Friday September 26** in **Halifax**, Nova Scotia, Canada. The social program and extra-curricular activities will take place on Wednesday **September 24, 2008**.

The conference will take place at the **Delta Halifax Hotel** in **Halifax**, Nova Scotia, Canada:

1990 Barrington Street
Halifax, Nova Scotia, Canada

T: +1 902 425 6700

W: www.deltahotels.com

Reservations can be made through the Reservation department +1-888-423-3582, or locally 902-425-7009. Please mention The Technopolicy Network conference when making your reservation.

Language:

All proceedings and correspondence regarding the conference will be in English.

Registration:

Registration for this event will be handled by Science Alliance for the Technopolicy Network. All participants who wish to attend the conference need to register in advance by returning the completed registration form to Science Alliance. You will receive a confirmation upon receipt of the form. The maximum number of participants is 250 and registrations will be handled in order of receipt.

Registration Fee:

The standard fee for participation in the seminar is CAD\$ 895.- / € 609.- (excl. 19% VAT). Members of The Technopolicy Network are entitled to the reduced fee of CAD\$ 695.- / € 473.- (excl. 19% VAT).

Includes:

- participation in the conference program on **September 25 & 26, 2008**
- Lunches and refreshments during this program
- NSERC Synergy Awards for Innovation conference dinner, sponsored by the Natural Sciences and Engineering Research Council of Canada
- Conference Reader
- CD-ROM with presentations (compiled after the conference)

Payment:

You will receive an invoice upon registration, payments can be made through bank transfer or by credit card (an extra fee of 5% will apply). Payment has to be received before the start of the conference.

Cancellation:

In case you are unable to attend a substitute delegate is allowed to participate at no extra cost. A cancellation fee of €95 will apply to cancellations received prior to **1st of September**. After this day no refunds are possible.

Accommodation:

You can travel by air to Halifax Robert L. Stanfield International Airport on direct flights from many Canadian, U.S. and European destinations. We advise you to take care of your flight reservations well in advance. For information on flights visit www.flyhalifax.com

Insurance:

The Conference organizers do not accept any liability for personal injuries or loss and/or damage of personal belongings of the participants, either during or as a result of the conference. Please check the validity of your (business) travel insurance.

Organization:

The conference is organized by The Technopolicy Network. For information please contact The Technopolicy Network. Science Alliance is responsible for the logistical organization of the conference.

Contact:

Program and Content:

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