

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

"Conference on International Governance Innovation" (CIGI'07) A Moment of Truth: Towards Sustainable Energy Futures?

Friday October 26th - Sunday October 28th, 2007

CIGI'07 will explore issues related to energy and the role of international governance institutions in addressing environmental sustainability. This year's event is held in partnership with CIGI, the University of Waterloo and the Royal Society of Canada (the country's leading assembly of academic researchers), marking the 5th, 50th, and 125th anniversaries respectively of these institutions.

Conference Description

CIGI'07 will begin with a group of high level panelists framing the energy issues that will be discussed throughout the conference. It will then go on to examine a report presented by the [Canadian Academy of Engineering](#) (CAE). The CAE will present and discuss a rich range of Energy Pathways, as well as provide specific recommendations. Each Energy Pathway represents a process through which an energy source is linked to end users via appropriate conversion and delivery mechanisms, and is evaluated according to meaningful criteria covering economic, environmental, energy efficiency, and social impacts, based upon the current state of knowledge and feasible technology advances. These innovative Energy Pathways include nuclear, renewable and fossil fuel energy sources and are designed to be environmentally responsible, sustainable and meet green house gas emission targets.

The Energy Pathways project identifies technological possibilities for Canada's future as an "energy superpower" - pathways that are environmentally, economically and socially sustainable. A follow-on panel will then explore the policy options that could help Canada achieve those goals. More specifically, the purpose of the panel is to identify the most appropriate policy approaches for Canada, so that its energy development can proceed in a sustainable manner.

The conference will then shift focus to explore energy issues at a more global level...

bringing in experts from some of the [BRICSAM](#) countries (Brazil, Russia, India, China, South Africa, ASEAN and Mexico). BRICSAM countries are a group of large developing economies whose probable move to higher levels of income over the next 3-5 decades will have multiple ripple effects on the global economy. Not only will these countries experience significant changes at the national level as a result of these effects, there may also be a shift in the global economic balance of power and an overhaul of key aspects of global economic and financial governance architecture. These experts will discuss how the energy needs and opportunities are

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

being handled at the country level and how that relates to the international level in terms of policy and economic development.

Acting as a bridge between the two days...

a report will be presented which is the culmination of a series of conferences on '[Breaking Global Deadlocks](#)'. The purpose of this project was to investigate potential win-win initiatives in global problem areas that are currently characterized as intractable. The process explored several global negotiations that are deadlocked. Problem areas include energy security, climate change, global public health and nuclear proliferation. This final presentation will bring together highly regarded opinion leaders from around the world to discuss, debate and provide recommendations on how issues related to energy security and climate change could be dealt with at the leaders' level.

The second day will focus on

CIGI's recently launched research project on [Nuclear Energy Futures: Implications and Options for Global Governance](#). The project is being run the under the chairmanship of Distinguished Fellow, Madame Louise Fréchette. CIGI Senior Fellow Dr. Trevor Findlay of the [Canadian Centre for Treaty Compliance](#) at Carleton University is the project director. The aim of the nuclear governance project's contribution to CIGI'07 would be to commence a conversation on the factors that are perceived to be both driving and restraining the future of nuclear energy. These sessions would thus be concentrating on the first task of the project, which is to try to map the future of nuclear energy in the coming decades.

The annual CIGI conference is our signature event...

bringing together scholars, politicians, government officials and public commentators from around the world. CIGI'07 is an invitation-only event, and is well-attended by national and international media. Last year, [CIGI'06](#) focused on the world's largest emerging economies, fragile and weak states, emphasizing the role of global institutional reform in meeting the challenges facing these countries. The event attracted such distinguished keynote speakers as U.S. General Wesley Clark (Wesley K. Clark & Associates), Professor of Politics and International Affairs Dr. G. John Ikenberry (Princeton University) and Nobel Prize Laureate Professor Robert Mundell (Columbia University). This year, Mr. Philippe Reichstul (Former President of Petrobras), [Mr. Angel Gurría](#) (Secretary General, OECD), [Mr. Joseph Cirincione](#) (Vice President for National Security, Center for American Progress) and The Honourable Gary Lunn (Minister of Natural Resources, Government of Canada) have been invited to address the conference.

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

Conference Partners

This year's event is held in partnership with:

- [CIGI](#)
- [University of Waterloo](#)
- [Royal Society of Canada](#)

CIGI'07 celebrates the anniversaries of the following organizations:

- 5 years - CIGI
- 30 years - Canadian Academy of Engineering
- 50 years - The University of Waterloo
- 125 years - The Royal Society of Canada
- 150 years - The City of Waterloo

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

Keynote Speakers

Mr. José Ángel Gurría

Secretary General, Organisation for Economic Cooperation and Development

Born on May 8th, 1950, in Tampico, Mexico, Angel Gurría took up the post of Secretary-General of the OECD on 1 June 2006 following a distinguished career in Mexico's public service, including two ministerial posts.

As minister of foreign affairs from December 1994 to January 1998, he made dialogue and consensus-building one of the hallmarks of his approach to global issues. As Mexico's minister of finance and public credit from January 1998 to December 2000, he steered Mexico's economy through a change of Administration without a repetition of the currency crises that had dogged previous such changes. Mr. Gurría developed a close relationship with the OECD, overseeing the initial years of Mexico's membership and chairing the OECD's Ministerial Council Meeting in 1999. Previously, he was part of the team that negotiated Mexico's admission to OECD.

Mr. Gurría holds a BA degree in Economics from UNAM (Mexico), and a MA degree in Economics from Leeds University (United Kingdom).

Mr. Joseph Cirincione

Vice President for National Security, Center for American Progress

Joseph Cirincione is Vice President for National Security and author of the new book, *Bomb Scare: The History and Future of Nuclear Weapons* (Columbia University Press, Spring 2007). Prior to joining the Center in May 2006, he served as director for nonproliferation at the Carnegie Endowment for International Peace for eight years. He is the co-author of *Contain and Engage: A New Strategy for Resolving the Iran Nuclear Crisis* (Center for American Progress, March 2007), *Deadly Arsenals: Nuclear, Biological and Chemical Threats* (Second Edition, 2005), and *Universal Compliance: A Strategy for Nuclear Security* (March 2005). He teaches at the graduate School of Foreign Service at Georgetown University.

In May 2004 the National Journal listed Mr. Cirincione as one of the 100 people whose ideas will shape the policies of the next administration. The World Affairs Councils of America also named him one of 500 people whose views have the most influence in shaping American foreign policy.

Mr. Cirincione worked for nine years in the U.S. House of Representatives on the professional staff of the Committee on Armed Services and the Committee on Government Operations, and served as staff director of the Military Reform Caucus. He is the author of over two hundred articles on defense issues, the producer of two DVDs on proliferation, is a frequent commentator

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

on these issues in the media, and he has given over one hundred talks around the world in the past two years. He was featured in the award-winning 2006 documentary *Why We Fight*.

Mr. Henri Philippe Reichstul

Director and Chief Executive Officer, Brenco

Mr. Henri Philippe Reichstul is both Director and Chief Executive Officer at Brenco. He is a founding partner of G&R Gestao Empresarial, a management consulting firm based in São Paulo. Mr. Reichstul is currently a member of the Board of Directors of Ashmore Energy International, REPSOL-YPF and Peugeot Citroen P. S.A., and a member of the consulting board of Lhoist of Brazil.

Previously, Mr. Reichstul was the President of Petrobrás Petróleo Brasileiro S.A. and Chief Executive Officer of Globopar. Prior to that, Mr. Reichstul held various positions as an economist and as an executive. He has served on the Boards of Directors of Telebrás, Eletrobrás Centrais Elétricas S.A. and BNDES. Mr. Reichstul holds a degree in Economics from University of São Paulo and did post-graduate work at Hertford College of Oxford University.

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

Agenda

Friday, October 26th, 2007

9:00 - 9:45 am: Registration and Information Desk

9:00 - 9:45 am: *Continental Breakfast*

9:45 - 10:00 am

Welcoming Remarks

Jim Balsillie, Chair of CIGI Board of Directors

John English, FRSC Executive Director of CIGI

Patricia Demers, FRSC President of the Royal Society of Canada

10:00 - 11:00 am

Framing the Energy Issues

Chair: John Helliwell, FRSC (Professor Emeritus of Economics, UBC)

The Honourable Gary Lunn (Minister of Natural Resources Canada, Government of Canada)

Thomas Homer-Dixon (University of Toronto)

Steve Strongin (Goldman Sachs Group Inc)

11:00 - 11:15 am: *Break*

11:15 - 12:15 pm

Energy Pathways to Make Canada an "Energy Superpower"

Chair: Keith Hipel, FRSC, FCAE (CIGI, UW)

Clement Bowman, FCAE (Founding Chair, Alberta Oil Sands Technology and Research Authority)

Richard Marceau, FCAE (Provost, University of Ontario Institute of Technology)

Ian Rowlands (UW)

12:15 - 1:45 pm

Lunch

Keynote Speaker:

Mr. Angel Gurría, Secretary-General, OECD

"Sustainable Energy Consumption and Climate Change"

Introduction by Susan Cartwright, Foreign and Defence Policy Advisor to the Prime Minister and Deputy Secretary to the Cabinet Privy Council Office, Ottawa

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

1:45 - 2:45 pm

The Future of Canada's Energy and Environment Policy

Chair: Jennifer Clapp (CIGI, UW)

Jack Mintz (Rotman School of Management)

Marc Jaccard (Simon Fraser University)

Daniel Schwanen (CIGI)

2:45 - 3:45 pm

BRICSAM Perspectives on Energy Issues

Chair: Jorge Heine (CIGI, WLU)

Yoginder Alagh (Former Minister of Science, Technology and Power, Vice-Chairman of the Sardar Patel Institute of Economic and Social Research)

Wenran Jiang (University of Alberta)

Annette Hester (CIGI)

3:45 - 4:00 pm: *Break*

4:00 - 5:45 pm

The Role of Global Political Leadership

Chair: Diana Swain (CBC)

Rolf Alter (OECD)

Paul Heinbecker (CIGI)

Andrés Rozental (Senior Non-Resident Fellow, The Brookings Institution)

Gordon Smith (Centre for Global Studies)

Xue Lan (Tsinghua University)

6:00 - 7:15 pm

Cocktail Reception

Launch of "Exporting Good Governance", edited by Dr. Jennifer Welsh and Dr. Ngaire Woods

Launch of [Governance Village](#) IGLOO Knowledge Network

Location: The Canadian Clay and Glass Gallery

7:30 - 9:30 pm

Dinner

Opening Remarks: Barbara Stymiest, Chief Operating Officer, RBC

Keynote Speaker:

The Honourable Dwight Duncan, Minister of Energy, Government of Ontario

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

Saturday, October 27th, 2007

9:00 - 10:00 am: Registration and Information Desk

9:00 - 10:00 am: *Continental Breakfast*

8:00 - 10:00 am: **CIC Panels** (by invitation only)

10:00 - 10:10 am

Opening Remarks

Ramesh Thakur (CIGI)

Bruce Mitchell, FRSC (UW)

10:10 - 10:20 am

Nuclear Energy Futures: project overview

Louise Fréchette, CIGI Distinguished Fellow

Nuclear Energy Futures Project Chair

10:20 - 10:40 am

The Future of Nuclear Energy: drivers and constraints: an outline

Trevor Findlay, CIGI Senior Fellow & Director, Canadian Centre for Treaty Compliance

Nuclear Energy Futures Project Director

10:40 - 11:00 am: *Break*

11:00 - 1:00 pm

The Future of Nuclear Energy: economic, technical and environmental drivers and constraints

Moderator: Robert Bothwell, FRSC (University of Toronto)

The Economics: Kaoru Kikuyama (Governmental Programs, IBM Japan)

The Technical Aspects: Edwin Lyman (Union of Concerned Scientists)

Environmental Considerations: Elizabeth Dowdeswell, Former President & CEO NWMO (Nuclear Waste Management Organization) and former Executive Director UNEP

1:00 - 2:30 pm

Lunch

Keynote Speaker:

Joseph Cirincione, Senior Fellow and Director for Nuclear Policy, Center for American Progress

"Twin Threats: Global Warming and Nuclear Proliferation"

2:30 - 4:00 pm

The Future of Nuclear Energy: national and international drivers and constraints

CONFERENCE ON INTERNATIONAL GOVERNANCE INNOVATION

OCTOBER 26 - 28, 2007

Moderator: Olivier Giscard d'Estaing (Chair, INSEAD Foundation)

The case of China: Zhu Xuhui (Senior Research Fellow and standing member of Science and Technology Committee of China National Nuclear Corporation)

The case of Australia: Prof. Richard Leaver (Reader in International Relations, School of Political and International Studies, Flinders University, Adelaide, Australia)

The role of the International Atomic Energy Agency: Alan McDonald (Senior Officer in the IAEA Department of Nuclear Energy)

4:00 - 4:20 pm: *Break*

4:20 - 5:30 pm

General Discussion and Conclusion: avenues for future research

Trevor Findlay, CIGI Senior Fellow & Director, Canadian Centre for Treaty Compliance
Nuclear Energy Futures Project Director

5:30 - 7:00 pm: *Cocktail Reception*

7:00 - 9:00 pm

Dinner

Keynote Speaker:

Philippe Reichstul, Director and Chief Executive Officer, Brenco

"Towards Sustainable Energy Futures: The Brazilian Biofuels Case"

Introduction by John MacNaughton, Chair, Business Development Bank of Canada; Co-Vice Chair, Canadian International Council (CIC)

Sunday, October 28th, 2007

CIGI IBG Meeting (Invitation Only)