

DRAFT

Fuelling Canada-Brazil Collaboration in Renewable Energy R&D From Policy Development to Project Implementation

Dates

March 10-11, 2008

Location

Ottawa, Canada

Organizing Partners

Foreign Affairs and International Trade Canada
The Canada Visiting Research Chair in Brazilian Studies Program

Sponsors

The International Development Research Centre
Foreign Affairs and International Trade Canada
Brazilian Ministry of External Affairs (to be confirmed)

Proposed Agenda

Day 1 – Monday March 10, 2008

- 09:00-9:30 Welcoming Remarks
Her Excellency, Mme. M. Jean, Governor-General of Canada *(invited)*

Suggested topic: Innovation and Social Prosperity: Building a Better
Future for Brazil and Canada through technology partnerships
- 09:30-10:30 Keynote Speaker
Sergio Rezende, Brazilian Minister of Science and Technology

Suggested topic: The Brazilian experience in becoming a world leader in
biofuels
- 10:30-11:00 Break
- 11:00-12:30 **Session I**

Renewable Energy Policy Development in the Canadian and Brazilian Contexts

Format: Panel discussion followed by Q&A

Objectives: To provide a comparative summary of relevant policy re: renewable energy policy and its development in Brazil and Canada, as well as government assessments of policy effectiveness in the two countries

Moderator: Dr. Suzanne Fortier, President, NSERC (*invited*)

Canada:

- Sue Kirby, Assistant Deputy Minister, Energy Sector, Natural Resources Canada (*invited*)
- John Carey, Assistant Deputy Minister, Science and Technology Branch, Environment Canada

Brazil:

- Government representative: Ministry of Science and Technology
- Government representative: Ministry of Mines and Energy

12:30-13:30 Lunch

13:30-15:00 **Session II**
Renewable Energy Policy Implementation and Management:
An Academic/Industry Perspective

Format: Panel discussion followed by Q&A

Objectives: To offer academia/industry an opportunity to comment on the efficacy of government policy in Brazil and Canada and to suggest new directions/initiatives

Moderator: Terry McIntyre, Head, Biotechnology Applications, Environment Canada (*invited*)

Canada:

- Canadian University Researcher: Ajay Dalai, University of Saskatchewan. (*invited*)
- Canadian Business Representative: Alan Dean, Director, Brazil-Canada Chamber of Commerce & Senior VP, Brookfield Management (*invited*)

Brazil:

- Brazilian University Researcher: *TBD*

- Brazilian Business Representative: Alberto Fontes, Coordinator of Renewable Energy Program, Petrobras Research and Development Institute (CENPES)
- Marcos Jank, Brazilian Biofuel Producers Association (*invited*)

15:00-15:30 Break

15:30-17:00 **Session III**
Mapping our Mutual and Complementary Strengths in Energy R&D

Format: Moderated panel discussion followed by Q&A

Objectives: To provide an update on Brazil-Canada complementarity mapping exercise, with a focus on demonstrating the benefits of enhanced collaboration to both countries

Moderator: Ted Hewitt, Vice President, Research and International Relations, University of Western Ontario (*Confirmed*)

Canada:

- Arthur Carty, National Science Advisor to the Government of Canada (*Confirmed*)

Brazil:

- Dr. Jose Goldemberg, Canada Visiting Research Chair in Brazilian Studies (*invited*)

17:00-17:15 Wrap-up, overview of next day's sessions

18:00-20:00 Networking Reception
 Hosted by: *TBD*

Day 2 – Tuesday March 11, 2008

Sub-Group Working Sessions

09:00-09:30 Welcoming Remarks
Brazilian Ambassador to Canada, Paulo Cordeiro

09:30-12:00 **Sub-Group Working Sessions I, II and III (Concurrent sessions)**

Format: Closed door roundtable sessions

Group Size: Approximately 15 people in each group

Expected Results: Sessions are open to researchers and companies involved in the specific focus areas. Sessions I and II will consist of a core group of individuals that have already begun initial discussions on joint research in March 2007 or through other mechanisms, as well as others that this core group recommends as additional participants. Participants in these two sessions will develop a plan on what research they will perform, within what time frame and how this research will be commercialized into a new product or process. Session III is a new group and will consist of invited individuals to begin discussions on potential areas for joint research and innovation. They will develop a plan on how they will continue to move this initiative forward.

**Session I
Development of ongoing initiatives in biomass**

Expected results: Concrete planning on continued research and a path towards commercialization of research related to biomass and bio-fuel.

Core Participants:
University of Western Ontario
Unicamp
Brazilian Centre for Ethanol Research
NRCan
Canadian Renewable Fuels Association

**Session II
Development of ongoing initiatives in hydrogen production and storage**

Expected results: Concrete planning on continued research and a planned path towards commercialization in the area of hydrogen production and storage. Also, to identify other potential areas of joint research in areas related to hydrogen.

Core Participants: TBD

Session III

Discussion of opportunities in hybrid systems (solar + diesel; mini-hydro + wind; hydrogen + solar, etc.)

Expected results: Initial discussions on new areas of potential innovation cooperation between Canada and Brazil. Planning on initial steps to move forward over next calendar year.

Core Participants: TBD

12:00-13:00 Lunch

13:00-15:00 **Roundtable:
Renewable Energy Policy Development in Canada and Brazil**

Key Canadian participants from:

DFAIT (Energy Secretariat)

DFAIT (Americas Strategy)

NRCan

Environment Canada

Industry Canada

NRC

Agriculture Canada

IDRC

Others

Key Brazilian participants from:

TBD

13:00-15:00 **Continuation of sub-group sessions I, II and III**

15:00-15:30 Break

15:30-16:30 **Plenary Session (all participants)**

Report from Sub-Group Working Sessions: Progress to Date and Prospects for Future R&D Initiatives

Session Chair/rapporteur: Bio-fuel initiatives

Session Chair/rapporteur: Hydrogen production and storage

Session Chair/rapporteur: Hybrid Systems

16:30-17:00 Wrap-up and closing ceremonies