

Agenda



**Council on
Competitiveness**

1500 K Street, NW
Suite 850
Washington, D.C. 20005
T 202 682 4292
F 202 682 5150
Compete.org

2009 US-Brazil Innovation Learning Laboratory 1: Porto Alegre

“Research and Development – The Seedcorn for Innovation”



Partner Organizations:

Council on Competitiveness

The Brazilian Competitiveness Movement (MBC)

The Brazilian Agency for Industrial Development
(ABDI)



Hosted by:

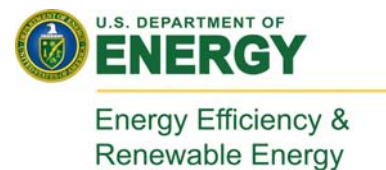
The Federation of Industries of the
State of Rio Grande do Sul /Instituto Euvaldo Lodi
(FIERGS/IEL)



Innovation for Our Energy Future

As part of:

A US-Brazil Energy Efficiency and Renewable
Energy Innovation Partnership, funded by the US
Department of Energy and managed by the
National Renewable Energy Laboratory



Tuesday, April 21, 2009

Arrival in Porto Alegre

Informal Delegation Dinner: Churrascaria Na Brasa, a local Brazilian barbecue

Wednesday, April 22, 2009

9.00am – 5.00pm

Investment in – and the protection of – frontier research, along with support for cutting-edge researchers, has always been the bedrock of national innovative activity.

This inaugural US-Brazil Innovation Learning Laboratory seeks to answer questions – focused on investment, talent and policy infrastructure – aimed at stimulating the research capacity in the United States and Brazil.

Attention will focus on innovation challenges and opportunities neither country can meet alone – particularly in the strategic areas, like energy efficiency and renewables.

9.00-9.30am

Lab Opening and Kick-off Remarks

Ricardo Menna Barreto Felizzola

Vice President, Altus

Vice President, CIERGS - Center of Industries of the State of Rio Grande do Sul and Coordinator – Council of Innovation and Technology, Federation of Industries of the State of Rio Grande do Sul (FIERGS)

Claudio Leite Gastal

President

Movimento Brasil Competitivo / The Brazilian Competitiveness Movement (MBC)

Reginaldo Arcuri

President

Agência Brasileira de Desenvolvimento Industrial / Brazilian Agency for Industrial Development (ABDI)

Chad Evans

Vice President – Strategic Initiatives

Council on Competitiveness

Dr. Thomas D. Perry IV

*Program Manager, Clean Energy Entrepreneurship Center
National Renewable Energy Laboratory*

Erik Camarano

Executive Secretary

State of Rio Grande do Sul

9.30-11.00am

Driving Investments in Frontier Research

Given the need to remain at the cutting edge of research – and to develop, attract and retain the best scientists and engineers – what national strategies are in place in Brazil and the United States to bolster high-level investments in frontier research, like energy efficiency and renewables?

Moderator

Chad Evans

*Vice President – Strategic Initiatives
Council on Competitiveness*

9:30-9:50am

Priorities, Challenges and New Directions in Frontier Research: Views from the Public and Private Sectors

Kick-off Speakers

Luis Gerbase

*President
Altus Automation*

Dr. Thomas D. Perry IV

*Program Manager, Clean Energy Entrepreneurship Center
National Renewable Energy Laboratory*

Questions to Explore

What national strategies are in place in Brazil and the United States to bolster high-level investments in frontier research?

What is the status of public and private sector investments in science and engineering – especially in multidisciplinary areas such as biotechnology, biofuels, nanotechnology, information technology, computer sciences and aerospace? Are there funding gaps to address? Are there partnership opportunities to leverage in critical areas?

9.50-10.10am

Pushing the Research Envelope in Universities and National Laboratories

Kick-off Speakers

Dr. Ravishankar K. Iyer

*Interim Vice Chancellor for Research
University of Illinois at Urbana-Champaign*

Prof. Elizabeth Ritter

*Coordinator, Technology Transfer Office (ETT) at the
Pontifical Catholic University of Rio Grande do Sul
(PUCRS)*

Questions to Explore:

How are leading universities in Brazil and the United States turbocharging investments, research opportunities and educational opportunities in and between both countries?

In terms of innovation and competitiveness, can you identify candidate research areas that would benefit from US-Brazil collaboration – for example, in the clean tech space? Are there strategic, best practices to attract public and private sector funding in these areas?

10.10-11.00am

Round-Robin Discussion: Identifying Priorities and Opportunities for US-Brazil Cooperation/ Building the Bridge to Future Research and Collaborations

11.00am-12.00pm

Building the Talent Base for Frontier Research

The innovation process begins with curiosity-driven research, then moves through the development of applications that are commercialized, creating new businesses and jobs.

But this all depends on talent – the human dimension of innovation. How do we ensure both nations develop the next generation of researchers and innovators? Can we identify clear avenues for cooperation and hemispheric leadership in strengthening educational opportunities – both formal and informal; in universities and in companies – across both nations? Are there research disciplines that demand greater attention in the 21st century – like energy efficiency and renewables?

Moderator:

Claudio Leite Gastal

President

Movimento Brasil Competitivo / The Brazilian Competitiveness Movement (MBC)

Kick-off Speakers

Jeffery D. Bell

Mission Director

United States Agency for International Development Brazil / Agência dos Estados Unidos para o Desenvolvimento Internacional Brasil (USAID)

Dr. Wrana Panizzi

Vice President

CNPq (National Council of Technology and Scientific Development)

Questions to Explore:

With stimulus packages in mind – and the resurgence of funding in the physical sciences, including alternative energy research – can we identify greater opportunities for undergraduate and graduate student/researcher exchanges between the United States and Brazil? If so, in what areas?

What are the impediments to/incentives for multidisciplinary studies and training at universities in the United States and Brazil? What institutions are getting this right – and how?

Are there issues related to foreign student participation in U.S. and Brazilian universities? What specific programs need to be in place to enhance the exchange of U.S. students, researchers and professors?

What are specific strategies to better link K-12 education and undergraduate education in both the United States and Brazil? Are there programs in either country that would be good models to expand or emulate?

Would it be helpful to establish science teacher training exchanges between the two countries in specific areas? Are there useful programs to educate the public on research and energy challenges?

Round-Robin Discussion: Identifying Priorities and Opportunities for US-Brazil Cooperation

12.00-2.00pm

Lunch

2.00-3.00pm

Building a 21st Century Research Hotspot – Leveraging Research, People and Policy

In order to create an environment conducive to frontier research and innovation, stakeholders must address both their physical as well as their legal and policy underpinnings. What policies and legal frameworks optimize the environment for frontier research?

Moderator:

Ricardo Menna Barreto Felizzola

Vice President, Altus

Vice President, CIERGS - Center of Industries of the State of Rio Grande do Sul and Coordinator – Council of Innovation and Technology, Federation of Industries of the State of Rio Grande do Sul (FIERGS)

Kick-off Speaker

Nuno Simões

*Director of Corporate Affairs for Latin America
Intel Semicondutores do Brasil, Ltda.*

**Round-Robin Discussion: Identifying Priorities
and Opportunities for US-Brazil Cooperation**

3.00-3.15pm

Coffee Break

3.15-4.45pm

**Key Findings: U.S.-Brazilian Collaboration
Opportunities and Challenges**

Moderator:

Roberto dos Reis Alvarez

*Gerente de Assuntos Internacionais / International Affairs
Manager*

*Agência Brasileira de Desenvolvimento Industrial / Brazilian
Agency for Industrial Development (ABDI)*

Thomas J. White

Consul General

US Consulate General, São Paulo

**Signing of Technical Cooperation Agreement between
ABDI and MBC on the development of an international
training program with the International Computer
Science Institute (ICSI) – Berkeley, CA**

4.45-5.00pm

Next Steps

Ricardo Menna Barreto Felizzola

Vice President, Altus

*Vice President, CIERGS - Center of Industries of the State
of Rio Grande do Sul and Coordinator – Council of
Innovation and Technology, Federation of Industries of the
State of Rio Grande do Sul (FIERGS)*

Claudio Leite Gastal

President

*Movimento Brasil Competitivo / The Brazilian
Competitiveness Movement (MBC)*

Reginaldo Arcuri

President

*Agência Brasileira de Desenvolvimento Industrial / Brazilian
Agency for Industrial Development (ABDI)*

Chad Evans

Vice President – Strategic Initiatives

Council on Competitiveness

Dr. Thomas D. Perry IV

*Program Manager, Clean Energy Entrepreneurship Center
National Renewable Energy Laboratory*

8.00-10.30pm **Dinner hosted by the Government of the State
of Rio Grande do Sul**
Palácio Piratini (Galpão Crioulo)

Thursday, April 23, 2009

Strategic Site visits – organized and arranged by FIERGS, ABDI, MBC and the Council on Competitiveness

8.00am **Depart hotel**

9.00am **Reception at TECNOPUC**
Prof. Roberto Moschetta
Director, TECNOPUC

9.15am **TECNOPUC Presentation**
Prof. Roberto Moschetta and David Johnston
Location: CEPAC Auditorium

10.00am **CEPAC (Centre of Excellency in Research on
Carbon Storage) Presentation**
Rafael Bianchini
Researcher

10.30am **CB SOLAR (Brazilian Center for the
Development of Photovoltaic Solar Energy)
Presentation**
Prof. Adriano Moehlecke

11.00am **CEPAC installation visit**
Rafael Bianchini

11.15am **TECNOPUC walking tour**
Roberto Moschetta, Edemar de Paula and David Johnston

11.45am **CB Solar installation visit**
Prof. Adriano Moehlecke

12.15pm **Lunch**

2.00pm **Closing**