Canadian Climate Change Technology Initiatives

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Canadian Context

- 2% of global emissions,
- 9th largest emitter,
- Active role in shaping Kyoto Protocol,
- Promotion of Kyoto Mechanisms & sinks provisions,
- Kyoto target 6% below 1990 levels,
- Kyoto gap: 240 MT of emissions.

Canada's Federal Government Response - Technology Initiatives (Examples)

- Canadian Initiative for International Technology Transfer (CIITT)
- Technology Early Action Measures (TEAM)
- Technology Promotion Officers (TPO)
- Clean Energy Portal

Canadian Initiative for International Technology Transfer



Federal Government of Canada program which aims to provide support to Canadian businesses and non-government organizations. Financial assistance is provided for:

- viability studies,
- proposal development and brokering,
- knowledge sharing,
- relationship management.

Viability Studies Funded by CIITT

Phase I: Brazil (2), China, Costa Rica, Granada, Indonesia, Ivory Coast, Poland, Russia, Tunisia.

Phase II: Australia, Barbados, Poland.



Technology Early Action Measures

TECHNOLOGY EARLY ACTION MEASURES (TEAM) CLIMATE CHANGE ACTION FUND



TEAM is a technology deployment and late stage development program in support of early actions to reduce GHG emissions nationally and internationally, while sustaining economic and social development.

As of August 31, 2003:

97 projects completed or allocated; total value of \$932M:

- \$94M from TEAM
- \$98M from other federal programmes
- \$740M mostly private and other governments

Participants:

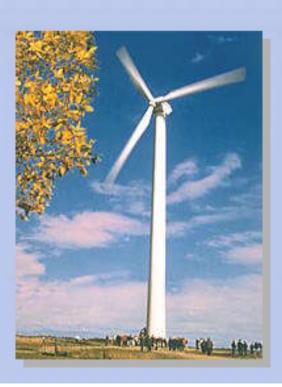
- 319 companies,
- 45 federal agencies,
- 42 provincial agencies

Technology Promotion Officers

5-year program, part of the Government of Canada's Climate Change Action Plan 2000

Joint initiative NRCan / DFAIT supporting 3 climate change positions:

- Mexico City
- New Delhi
- Warsaw



towards zero impact canada's clean energy technologies portal

clean energy énergie non polluante

> vers l'élimination des répercussions portail canadian sur les techniques d'énergie écologique

Clean Energy Portal

Use this dynamic gateway to:

- Survey and contact Canada's clean energy firms,
- Identify a variety project financing resources, key technologies and government resources,
- Research Canadian and international climate change initiatives.





CANADIAN TECHNOLOGY DIRECTORY

Alternative Fuels Building Systems Climate Change Services

Conventional Power Generation Technologies

Industrial Energy Systems

Renewable/Alternative Power Generation Technologies

Transportation Technologies

FINANCING

INTERNATIONAL

CANADA

OTHER RESOURCES

SEARCH

Renewable/Alternative Power Generation Technologies

Please select one of the following technologies:

Biomass

Fuel Cells

Small Hydropower

Wind Energy

Solar Thermal Systems

Photovoltaic Systems

Wave and Tidal Energy

Companies:

- Arbokem Inc.
- Biothermica Energy Inc.
- Boralex
- Canadian Association for Renewable Energies
- Canadian Hydro Developers
- Cape Breton Environmental Systems
- Eastern Power and Super Blue Box Recycling Corp.

For more information ...

Canadian Initiative for International Technology Transfer (CIITT)

www.exporttech.gc.ca/

Technology Early Action Measures (TEAM)

http://www.climatechange.gc.ca/english/actions/action_fund/techno.shtml

Clean Energy Technologies Portal

www.cleanenergy.gc.ca