

# CEC Progress Aug-Nov '10

Evan Lloyd, Executive Director

JPAC New Orleans  
17 November 2010



A young green plant sprout with two leaves is growing out of a crack in a grey asphalt surface. The background is a blurred, light-colored ground.

## Progress

- *A13 Destination Sustainability*
- Community Grant Projects
- New Strategic Initiatives
- Green Buildings
- North American PRTR
- North American Environmental Atlas

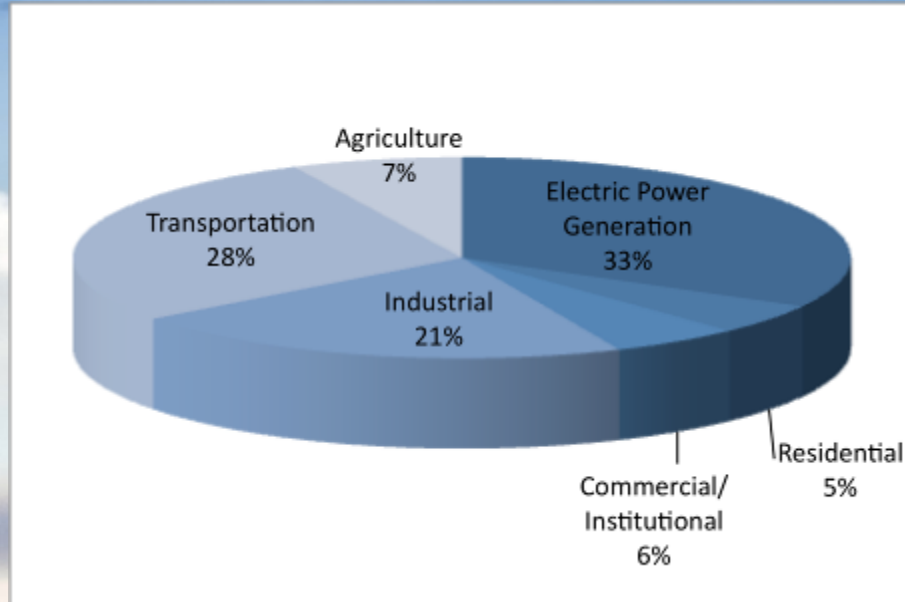
# Sustainable freight transportation in North America



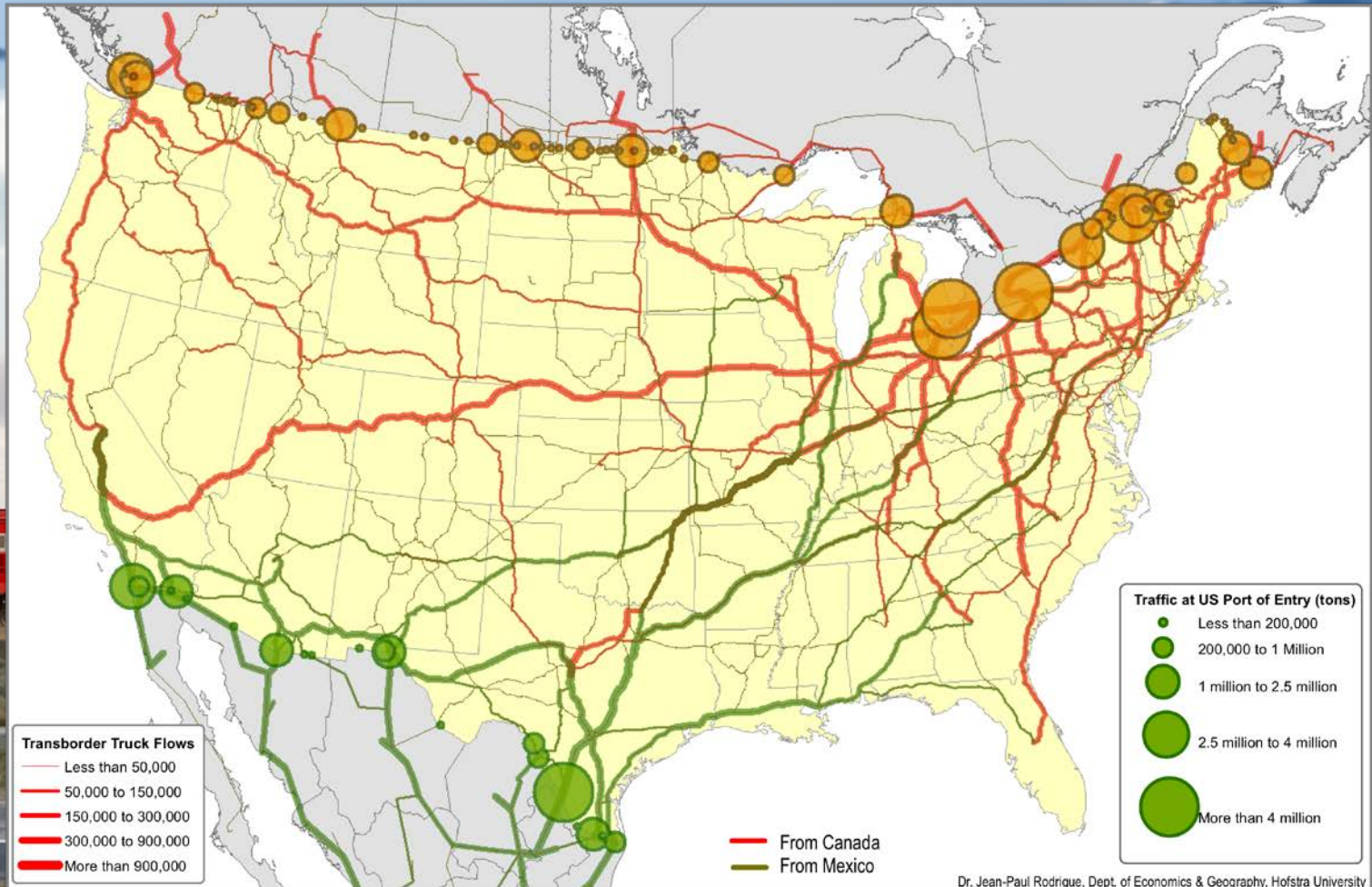
[cec.org](http://cec.org)

*Mapping the road to a sustainable future*

# North American GHG Emissions by Sector



# NAFTA Transborder Truck Flows and Traffic at US Ports of Entry, 2002



Dr. Jean-Paul Rodrigue, Dept. of Economics & Geography, Hofstra University

Source: BTS for port of entry data. Truck flows simulated by Matisziw, T.C. (2005) Modeling Transnational Surface Freight Flow and Border Crossing Improvement. The Ohio State University.

# Case Study: Truck CO<sub>2</sub> Emissions



Current CO<sub>2</sub> emissions  
2035 CO<sub>2</sub> emissions  
forecast along the Mexico City-  
Montreal transportation  
corridor

A young green plant with two leaves is growing out of a crack in a grey asphalt surface. The background is a blurred, light-colored gravel or concrete surface. The plant is the central focus of the image.

## *North American Partnership for Environmental Community Action - NAPECA*

August 2010 - CEC Council directed a new community grant program



## Partnerships to improve environmental conditions at community, local and regional levels - 2010 projects:

- Red Lake Bank monitoring program – Lake of the Woods
- Programs to reduce/eliminate mercury in hospitals - State of Sonora
- Lake Chapala's Pediatric Environmental Health Specialty Unit (PEHSU)





**New Strategic Initiatives**  
*Delivering on Council Strategic Priorities*

## New Strategic Initiatives

Improving comparability of GHG emissions data, methodologies and inventories in North America

E-Waste

- Sound environmental management – recycling (SME)
- Intelligence-led enforcement



## Regional standards for energy efficiency in commercial buildings

Tri-lateral cooperation:  
EPA, NRCAN, CONUEE

Technical Workshop–Oct.

pathway leading to  
harmonization of standards of  
rating systems

A high-speed photograph of water splashing, creating a dynamic and energetic background. The water is clear and bright, with many small bubbles and droplets visible. The splash is centered and extends across the width of the image.

# North American PRTR

PRTRs:  
Pollutant Release and  
Transfer Registries

*Taking Stock Online  
Taking Stock Report*

Public and Stakeholder  
Workshops: US TRI, Can NPRI



# North American Environmental Atlas

*Mapping North America's shared environment*

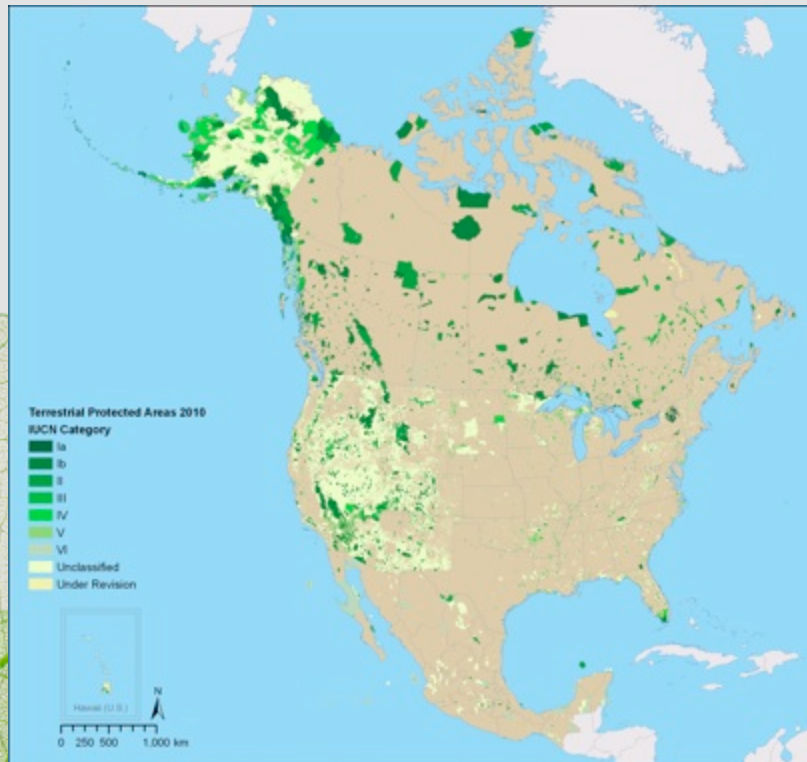


New protected areas across Canada and the United States are included in an updated release of the *Terrestrial Protected Areas 2010* map and database



# North American Environmental Atlas

Mapping North America's shared environment



Protected Area updates:

Data for New Brunswick, Newfoundland, Quebec. Expansion of Nahanni National Park.

Special data release of the US Protected Areas Database (PAD-US).

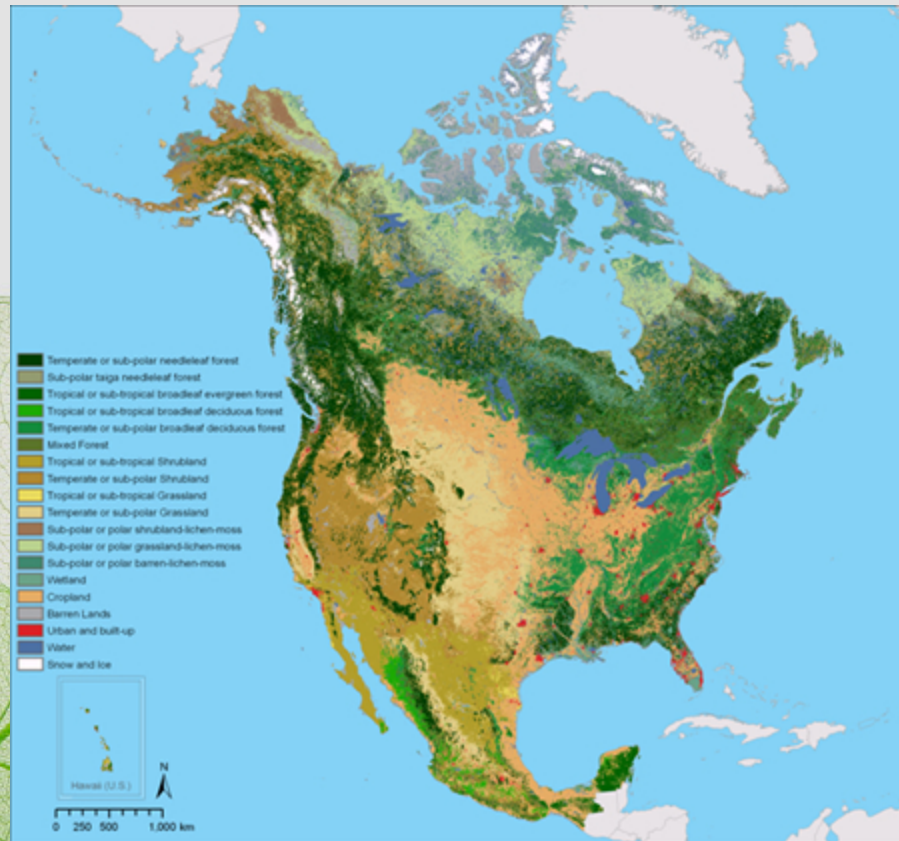
Metadata describing sources and attributes of the data.

*Google Earth* layer of all North American protected areas.



# North American Environmental Atlas

Mapping North America's shared environment



## North American Land Change Monitoring System

*Land Cover* (2005 data), released in February 2010 are being used for innovative environmental initiatives

2009 data and 1<sup>st</sup> North American land-change detection map for 2005-09 (January 2011).



Three countries. One environment.

