



Greenhouse Gas Reporting in B.C.:

Information Session on the Reporting Regulation

B.C. Ministry of Environment

December 3, 2009



Context and Objectives of Greenhouse Gas Reporting in B.C.



CLIMATE ACTION IN B.C.

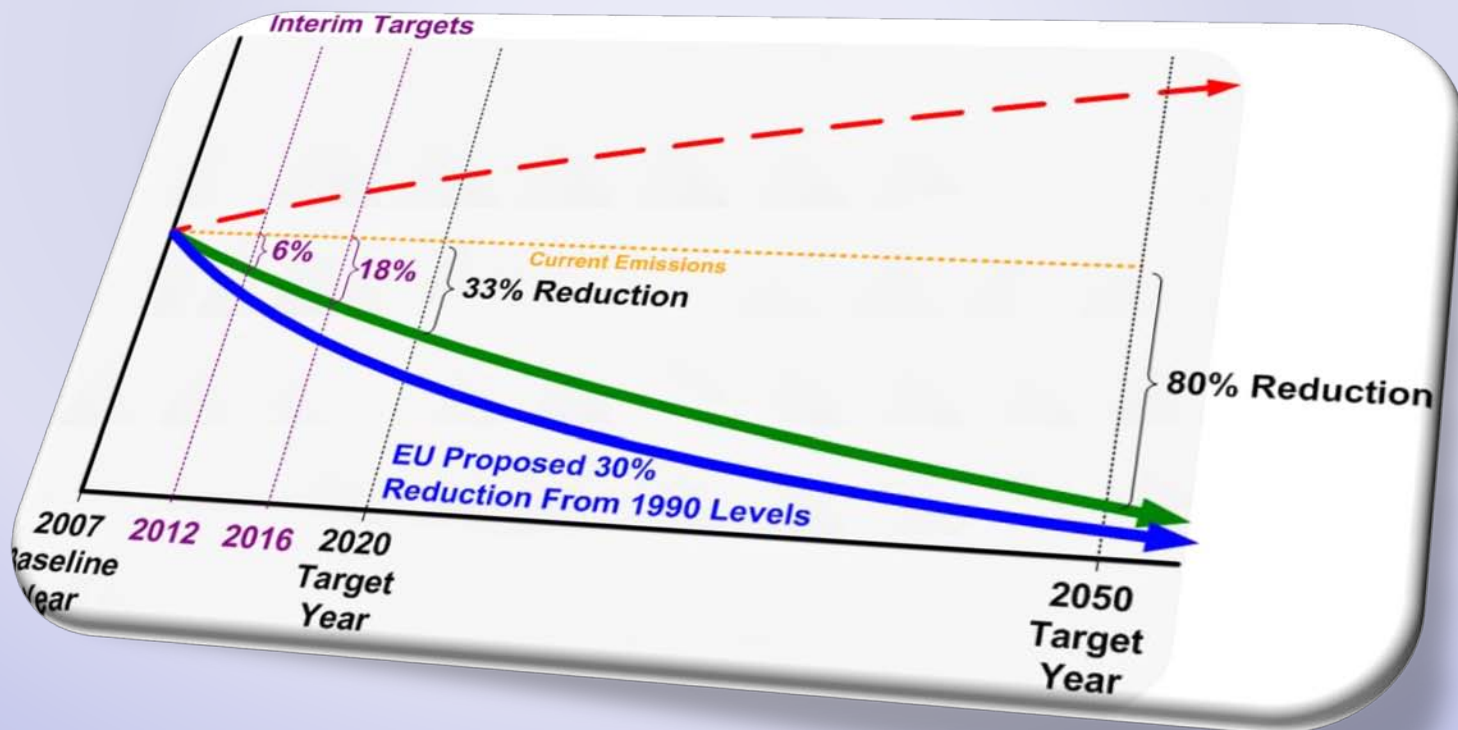
ACTION TO DATE ON CLIMATE CHANGE

- 8 significant pieces of legislation
- \$1 Billion in Climate Action initiatives
- Public engagement and outreach
- Low carbon economic development
- Leadership in key partnerships



CLIMATE ACTION IN BC

B.C.'S GHG REDUSSION TARGETS

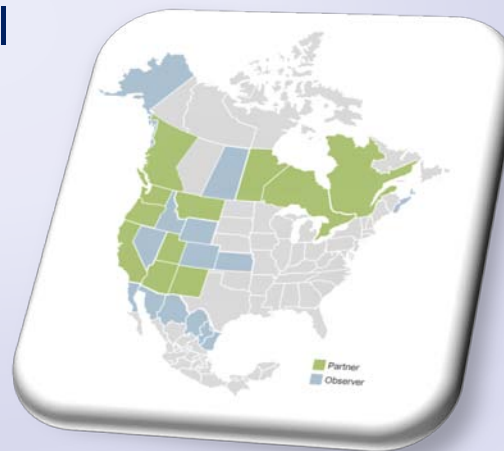




CLIMATE ACTION IN B.C.

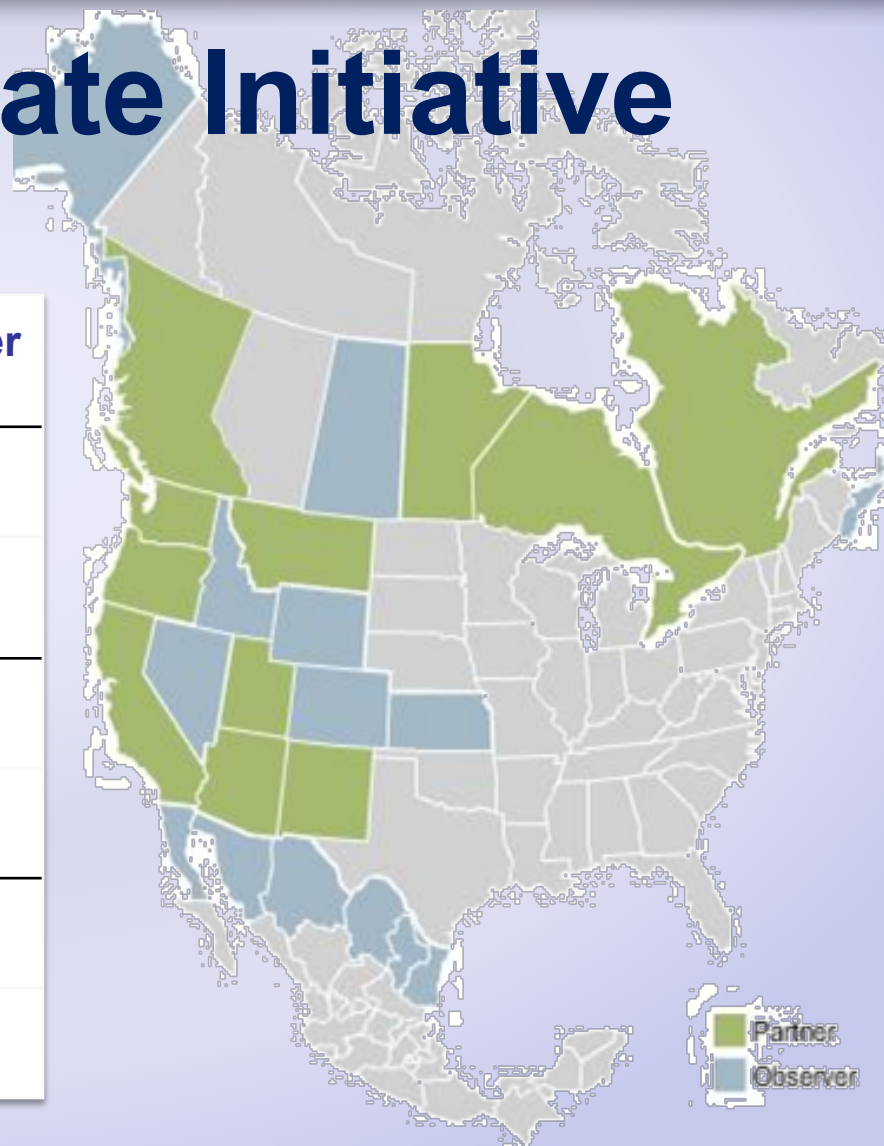
B.C.'S APPROACH TO REGULATING GHGs

- Carbon Tax as a pollution price signal
- Cap and Trade system for large emitters (above 25,000 tonnes CO₂e/year)
- Offset system
- Carbon Neutral Government
- Pacific Carbon Trust
- Harmonized approach with any Canadian federal system



Western Climate Initiative

	7 States	4 Provinces	11-Partner Region
Population (million)	59	26	85
	19% of U.S.	79% of Canada	25% of both
GDP (\$ billion)	2,329	\$1,010	\$3,339
	20%	76%	26%
GHGs (MMTCO ₂ e)	928	377	1,305
	13%	50%	17%





WCI Collaboration

Outputs:

- Set a regional emissions reduction goal
- Join a multi-jurisdiction GHG registry
- Design a regional multi-sector, market-based mechanism

Work jointly to:

- Promote clean and renewable energy in the region
- Increase energy efficiency
- Advocate for regional and national climate policies
- Identify measures to adapt to climate change impact

Greenhouse Gas Reduction (Cap & Trade) Act

- Royal Assent on May 29, 2008
- Basis for market-based emissions trading system
- Regulations being based on detailed design through WCI collaboration
- Reporting Regulation first under the Act



Reporting Regulation



- ✓ Collect **accurate** emissions data of a **consistent** quality and type essential to a cap and trade program
- ✓ Measure GHG emissions so that they can be **effectively managed** through mitigation projects and policy design



Regulation Development

- WCI Essential Requirements of Mandatory Reporting
 - Collaborative refinement of methods for cap-and-trade
 - Simplification & improvement based on stakeholder input
- Stakeholders were actively engaged:
 - WCI drafts, conference calls & meetings
 - Ministry policy intentions paper process
 - B.C. Climate Action Working Groups



B.C. Reporting Program Intent

- First year of reporting
 - Outreach, capacity building, systems in place
 - Single-window reporting (Environment Canada and EPA)
 - WCI regional emissions database development
 - EPA quantification method harmonization
- Ongoing
 - Progress towards broader harmonization with federal program(s)



Single-Window Reporting Model

British Columbia (WCI)

Reporting Operation

- Collects data
- Prepares emissions report
- Obtains third party verification, as required by B.C.

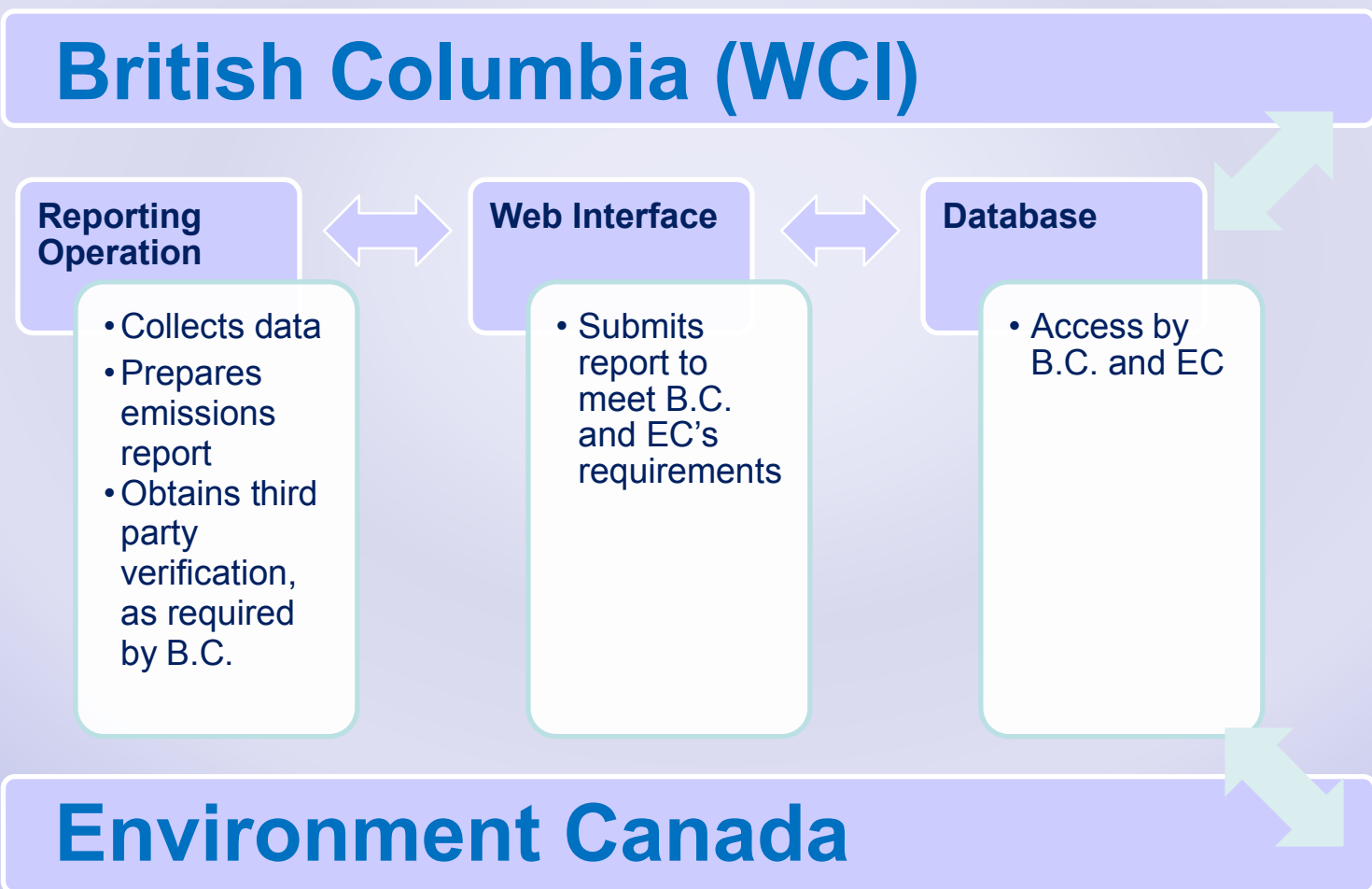
Web Interface

- Submits report to meet B.C. and EC's requirements

Database

- Access by B.C. and EC

Environment Canada





Ministry of Environment GHG Reporting Team

- Climate Action Secretariat
 - Coordinates action on climate change across government
 - Responsible for achieving B.C.'s legislated targets
 - International partnerships, negotiation, business development, regulation and outreach
- Environmental Protection Division
 - Designs, develops and implements legislation and regulations on discharges to land, air and water
 - Participates in action to reduce GHG emissions



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