

# LNG and Climate Leadership

January 2014



# BC's Climate Action Secretariat

- *Provides a whole-of-government approach to achieving BC's emission reduction targets, adapting to the impacts of climate change and driving the low carbon economy.*



# BC's Leadership on LNG



## Our commitment

- Bring the LNG opportunity home
- Create a legacy for all British Columbians

## What we can accomplish

- 39,000 construction and 75,000 operations jobs
- \$1 Trillion in GDP cumulatively over 30 years
- Government revenue to create a Debt Free BC



# BC's Leadership on Climate Action

- Revenue Neutral Carbon Tax most comprehensive carbon price in North America
- 1<sup>st</sup> Carbon Neutral Government in North America
- 95% of local governments signed Climate Action Charter
- 93% clean and renewable standard makes us one of cleanest electricity systems in North America
- Vehicle standards now federal regulation in US and Canada
- Low carbon fuel standard adopted broadly across US and Canada



## Results to date

- GDP and population growth above Canadian average
- Provincial emissions down
- Consume less of all major fossil fuels types
- Growing green economy
  - ✓ Twice Canadian average for hybrid vehicle adoption
  - ✓ 48% growth in clean tech sector
  - ✓ Most active district energy market in Canada
  - ✓ 20% of all LEED Gold buildings in Canada
  - ✓ LiveSmart Energy Retrofits completed by 8,400 small businesses and 5% of eligible BC homes

# The Challenge: Natural Gas can be a Climate Solution



- Globally, natural gas a transition fuel to low carbon economy
- In BC, natural gas a cleaner fuel for heavy duty vehicles
- But, significant emissions for BC
  - 16% of BC's emissions today and increasing
  - Significant opportunities to reduce emissions but at a cost



# LNG Strategy's three priorities

- Keep B.C. competitive in the global LNG market
- Maintain B.C.'s leadership on climate change and clean energy
- Keep energy rates affordable for families, communities and industry



# Responsible Natural Gas development in BC:

- Cleanest LNG facilities in the world
- BC's Natural Gas Strategy commits to:
  - Electrification of gas-fired equipment
  - Energy efficiency measures
  - Carbon Capture and storage
  - Eliminate routine flaring by 2016
- Promoting Natural Gas Vehicles

