

Colorado 2019 Energy Legislation Review

Interim Study Committee

September 13, 2019

Presented by:
Michael Coté, President



About Ruby Canyon Engineering

Small business founded in Grand Junction in 2005

Employs 15 environmental engineers and scientists for highly-skilled clean energy jobs

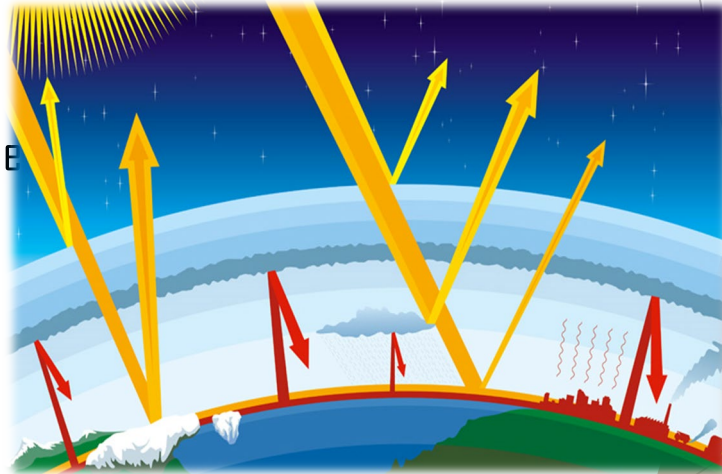


In 2013 - 2018, RCE was voted the Best Verification Company in the North American GHG Markets by *Environmental Finance Magazine*

About Ruby Canyon Engineering

Provides GHG-Related Consulting and Verification Services in most of North American GHG markets

- GHG reporting & technical guidance
- carbon foot-printing
- life cycle analysis
- offset project methodology development
- climate action plans
- renewable energy
- energy efficiency
- program working groups



Ruby Canyon Engineering History

2005
Founded as GHG consulting firm for international & U.S. carbon offset projects

2007
GHG Verification Services for Chicago Climate Exchange

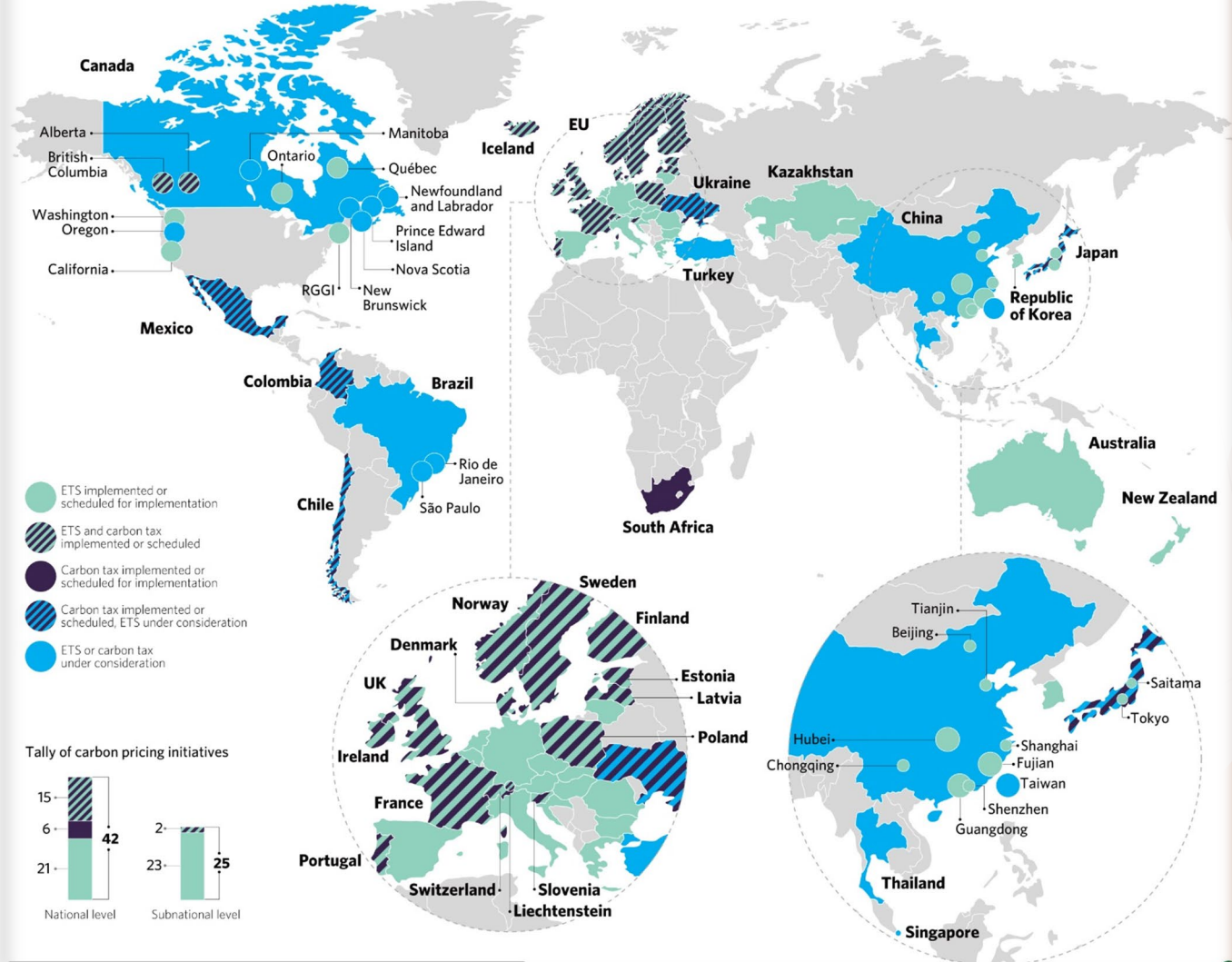
2009
ANSI-accredited V&V body under ISO 14065 Standards. Enter U.S. & B.C. markets

2012
California ARB-approved V&V body for Compliance Offset and Mandatory Reporting Programs

2016
EMA-approved V&V body for Mexico Mandatory Reporting Program

International Carbon Markets

EXISTING, EMERGING, AND POTENTIAL REGIONAL, NATIONAL, AND SUBNATIONAL CARBON PRICING INITIATIVES (EMISSIONS TRADING SYSTEMS (ETS) AND TAX)



Source: World Bank and Ecofys (2017) Carbon Pricing Watch 2017.

Impacts of Recent Colorado Climate Change Legislation

Senate Bill 19-096

- Improvements to State GHG Inventory
 - Current model updated in July 2019
 - Streamlined, top-down approach
- Future Inventories
 - Bottom-up approach identifies sources and facilities
 - More comprehensive and robust
 - Considers data from U.S. EPA GHGRP (120 facilities)
 - Impacts on clean energy jobs

House Bill 19-1261

- Established statewide GHG emission reduction goals
 - Reduce GHGs by 50% by 2030, 90% by 2050
 - Encourages clean energy plans
 - Real data needed for compliance and cost effectiveness

Considering Future Energy and Climate Policy Options

Reduce Fossil Fuel Consumption -

- Electric power, transportation, and residential, commercial, & industrial sectors make up 70% of 2015 emissions

Develop mitigation strategies and policy incentives –

- Needed for agriculture and waste sectors
- Consider emissions trading and price on carbon

Promote Clean Energy Jobs for rural Colorado

- GHG accounting, renewable energy, energy efficiency, offset project development, energy management, technology providers, information technology, education



Thank you!

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