

British Columbia: Groups Involved

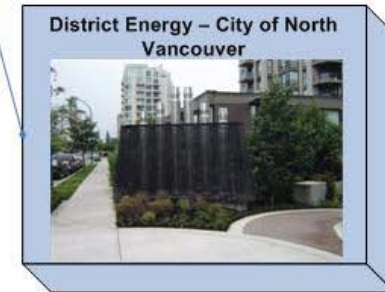
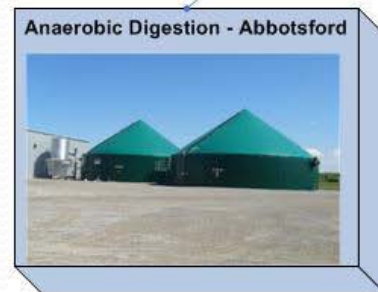
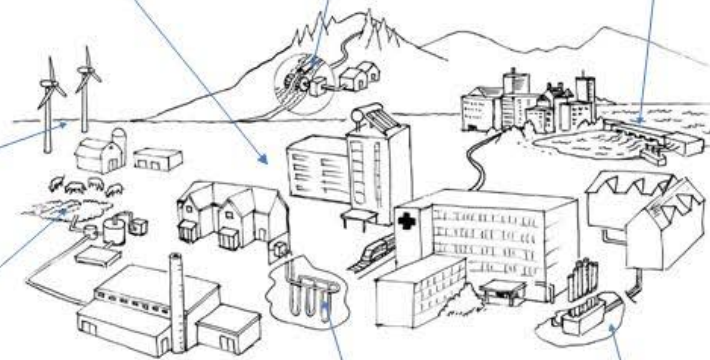
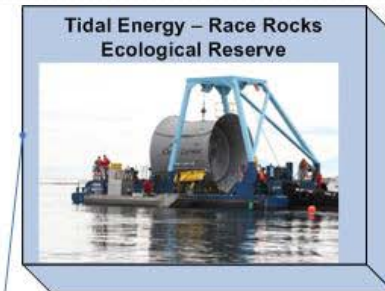
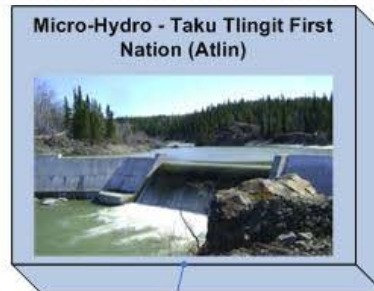
- Mike Harcourt
- BC Hydro
- BOMA (building owners and managers)
- City of Vancouver
- Community Energy Association
- Fraser Basin Council
- Ministry of Community & Rural Development
- Ministry of Energy & Mines
- Ministry of Environment (Climate Action)
- Planning Institute of BC
- Royal Roads University
- Terasen

- Invited:
- UDI, AIBC, BCAOMA (apartment owners and managers)

BC: Priority Areas

- Advance workstream progress
 - Develop effective governance frameworks for ICES
 - Education and Capacity Building
 - Advance project implementation in B.C.
- Develop a demonstration project that integrates the three workstream areas and acts as a resource for project developers
- Assess feasibility of a dedicated QUEST BC coordinator to maintain momentum and ensure consistent contributions to QUEST National

QUEST Demo Projects Tool



BC Provincial Leadership (Programs, Policy & Support)

- New Clean Energy Act BC – 66% conservation, self-sufficiency 2016
- Climate Action Plan – carbon tax, cap & trade, provincial buildings carbon neutral 2010
- Innovative Clean Energy Fund (ICE) for renewable energy projects
- Bill 27 –Community Climate Action legislation - provisions into Official Community Plans by 2010
- Climate Action Charter – municipal operations carbon neutral 2012 (includes carbon tax refund)
- Energy Efficiency Standards (Green Building Code - 2010)
- Live Smart BC – rebates for Distributed Generation, audits and retrofits
- Smart Planning for Communities (6 regional sustainability coordinators)

Ontario: Groups Involved

- Electric Utilities: Hydro One, Horizon and Guelph Hydro
- Gas Utilities: Enbridge Gas Distribution & Union Gas Limited
- Provincial: Ministry of Energy
- Municipalities: Guelph, Toronto, Hamilton
- Association of Municipalities of Ontario
- NGOs: Canadian District Energy Association, Canadian Environmental Law Association, Canadian Urban Institute, Pollution Probe, Toronto Region Conservation Authority
- Broader Public Sector: Ontario Power Authority, Ontario Centres of Excellence, Waterfront Toronto
- Colleges/Universities: University of Toronto Cities Centre

Ontario: Priority Areas

- Creating a supportive municipal policy framework.
- Enabling the development of integrated infrastructure.
- Supporting the efforts of leading municipalities, e.g. Guelph, Hamilton, Toronto, to create a template for others.

Québec: Priority Areas

- ✓ Committee convened to prepare QUEST 3 in Quebec City (2009)
- ✓ AEE : Developing a model of what is an energy-efficient neighbourhood + actions (2009-)
 - Consultation Table met June 1st, 2010 (35 members)
- ✓ Climate Change Action Plan 2012-2020 preparation (2010-)
- ✓ Large public consultation by environmental groups to reduce oil dependency (Fall 2010)
- ✓ First « Green neighbourhood » project launched : Cité verte
- ✓ New program proposed by Hydro-Québec in 2010 : financial support for urban development projects (renewables for buildings and district heating)

Québec: ICES Justification

Why work on ICES ?

✓ Targets	2012	2015	2020
Energy efficiency		2M toe (- 10%)	- 20%
GHG emissions	- 6% / 1990		- 20% / 1990

- ✓ Tool for reducing oil consumption, by decreasing transportation needs

Québec: Research

Two market studies about density and mixed-used development

Promoters (November 2009) (32)	Households (January 2010) (1002)
<ol style="list-style-type: none"><li data-bbox="146 636 948 682">1. Density : A trend<li data-bbox="146 722 948 768">2. Mixed-used : Not usual<li data-bbox="146 808 948 911">3. Typical buyers : First home and retired<li data-bbox="146 951 948 1053">4. Should focus on new neighbourhoods and in-fills<li data-bbox="146 1093 948 1253">5. Barriers : Industry culture, municipal regulations, higher cost	<ol style="list-style-type: none"><li data-bbox="1016 636 1773 739">1. Benefits seen : Near work, commerce and public transit<li data-bbox="1016 779 1773 996">2. « Very well accepted » by 25%: Have no cars, higher education, looking for a new house in the next 10 years<li data-bbox="1016 1036 1773 1139">3. Barriers : higher cost, limited supply, noise, pollution

Nova Scotia: Active Stakeholders

- Academic Institutions
 - Dalhousie University
 - NS Agricultural College
 - NS Community College
- Municipal Government
 - Cape Breton Regional Municipality
 - Halifax Regional Municipality
 - Union of NS Municipalities
- NGOs
 - Canada Green Building Council
 - Cdn. District Energy Asc.
 - Ecology Action Centre
 - Efficiency Nova Scotia
- Private Sector
 - Clayton Developments
 - East Port Properties
 - Green Power Labs
- Provincial Government
 - Conserve NS
 - NS Energy
 - NS Environment
 - Service NS & Municipal Relations
- Utilities
 - Heritage Gas
 - NS Power Inc

Nova Scotia: Current Priority Issues

- MOU : “The Parks At Bedford West”
 - The Parks of West Bedford is a 30 year project, intended to accommodate upwards of 20,000 people and over 1.5 million square feet of commercial and institutional space. Several of the participating QUEST NS stakeholders (MOU Signatories) have agreed to collaborate, where appropriate, in an effort to improve efficiency, optimize energy, manage heat, manage waste, use renewable resources, and use grids strategically.
- District Energy Regulatory Review Committee
 - Several of the participating QUEST NS stakeholders have agreed to work together to initiate a review of district energy regulations in NS. Activities could include (but not limited to) jurisdictional review, community outreach / consultation with non QUEST NS stakeholders and submissions to NS Department of Finance (Ministry Responsible for District Energy regulations).
- QUEST NS Charter
 - Creation of a document that defines / establishes the terms of engagement for Active Stakeholders.