



QUEST

starring as,
Atlantic Region Climate Advisor, for the
Partners for Climate Protection Program

Agenda



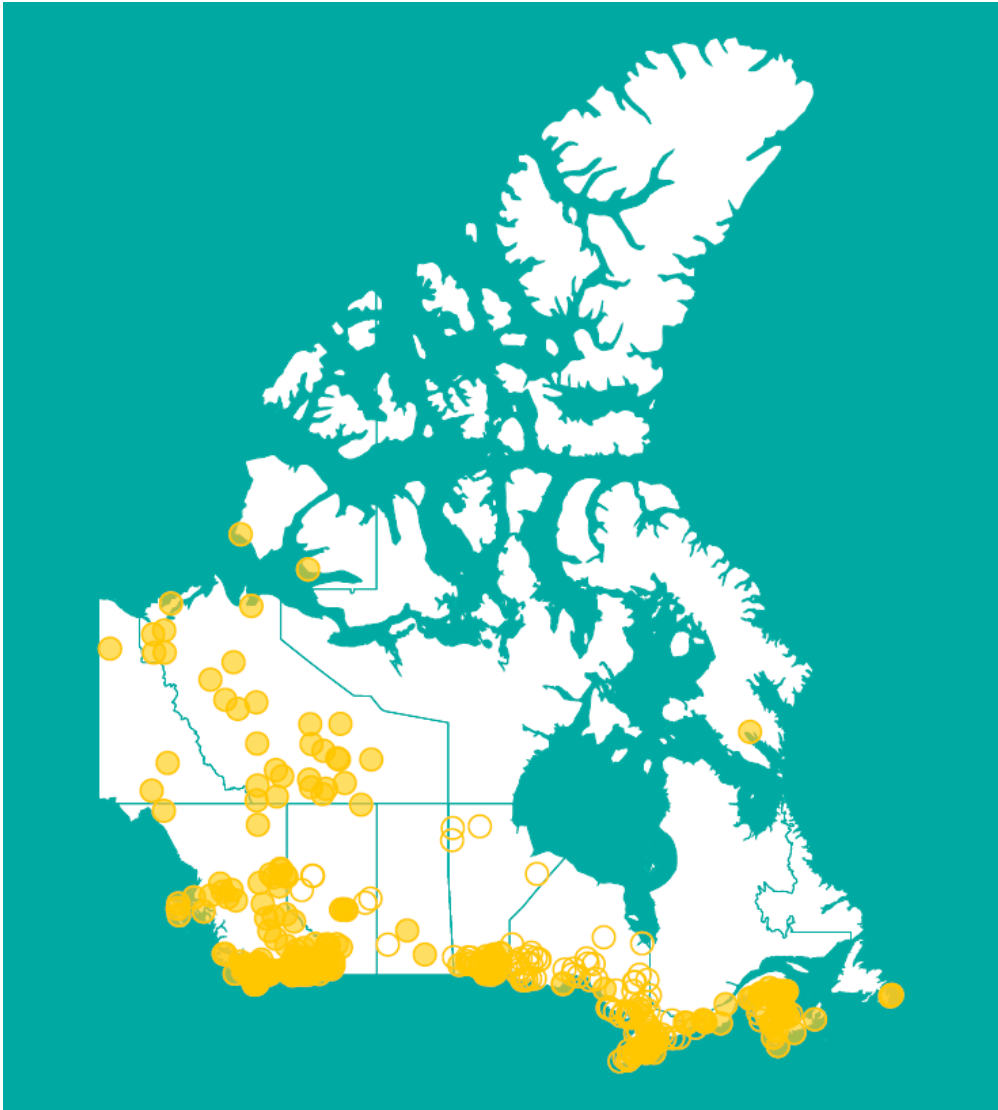
- Introduction to QUEST
- Bringing it home to QUEST NS
- Municipal Energy Learning Group
- Member presentations: Ray, Tammy and Dave
- Introduction to the Partners for Climate Protection (PCP) Program
- PCP Process and Resources
- Regional Advisor Role
- Funding!

About QUEST



- QUEST is the national voice of the Smart Energy Communities marketplace
- 8 provincial and regional Caucuses plus working groups
- Reach of thousands of stakeholders
- QUEST is supporting and connecting:
 - governments
 - utilities & energy service providers
 - the real-estate sector (owners, operators and builders)
 - and the product and professional service sector
 - **to implement Smart Energy Communities**

Community Energy Planning in Canada



- Over 400 communities across Canada are engaged in community energy planning
- A CEP is a tool that defines community priorities around energy with a view to improving energy efficiency, reducing GHG emissions, driving economic development and improving community resilience
- CEPs typically contain:
 - Energy and emissions inventory
 - Energy and emissions reduction targets
 - Broad scope of actions

SMART ENERGY COMMUNITIES

SCORECARD



SMART ENERGY COMMUNITIES SCORECARD

- A tool to evaluate and benchmark the progress of municipalities, utilities and the real-estate sector along the pathway to becoming a Smart Energy Community
- Based on the American Council for an Energy-Efficient Economy (ACEEE) City Energy Efficiency Scorecard.
- Indicators being developed with input from six pilot communities, senior advisors, and Subscribers.
- Scorecard will provide:
 - Key Performance Indicators (KPIs) to evaluate the policies and processes of Smart Energy Communities based on QUEST's principles;
 - Evaluation of the strengths and weaknesses of policies and processes supporting energy efficiency, conservation, distributed energy, transportation and land use, reflected in a score; and
 - A description of how policies and processes rank relative to municipalities across Canada.

PARTNERS



SUPPORTERS



Max Bell Foundation

Layer

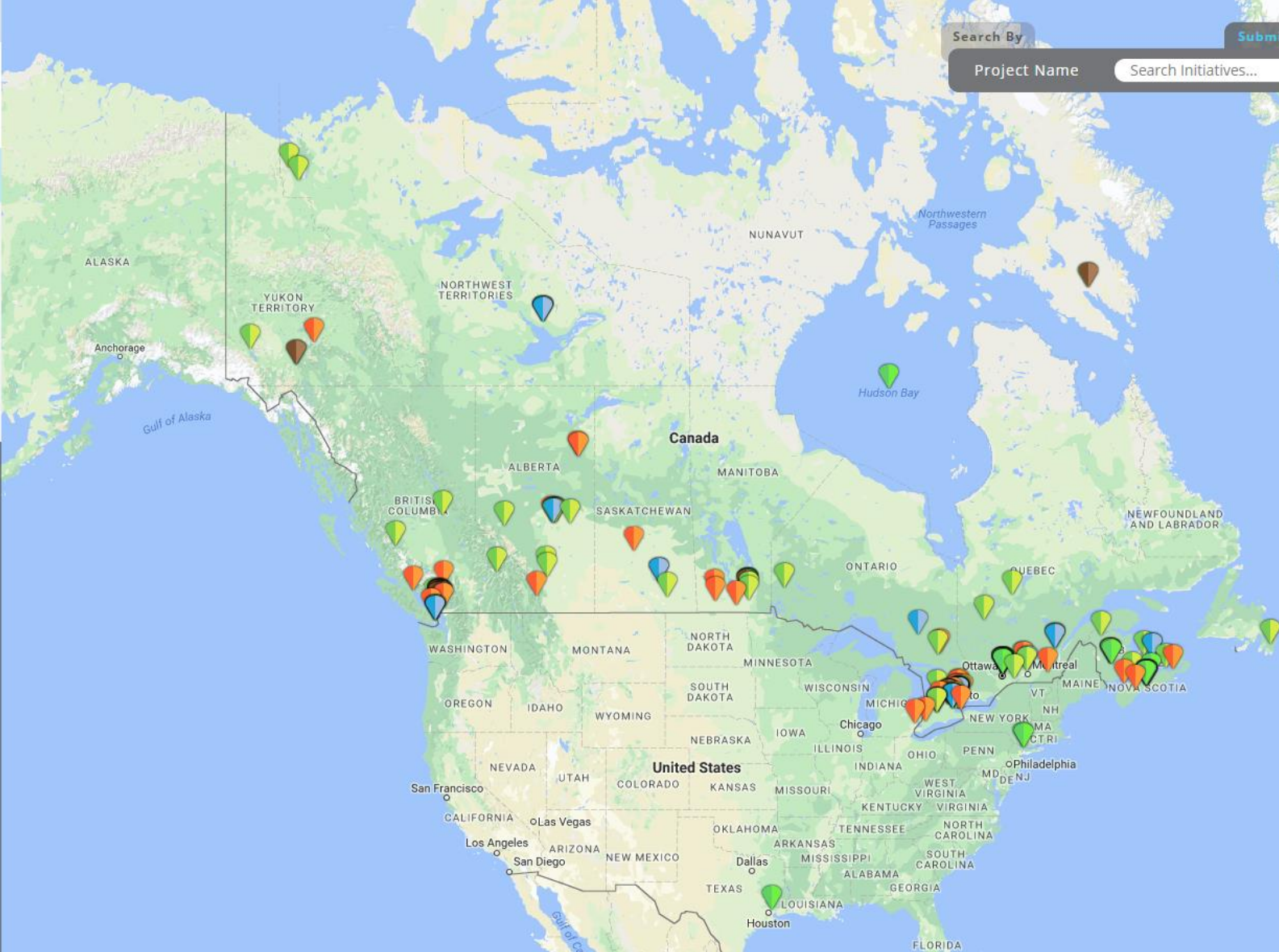
- Projects
- Policies
- Programs
- Plans
- Resources

Filter

- Status** +
- Implemented
 - Development Phase
 - Planning Phase
- Scale** +
- Energy Type** +
- Province / Territory** +
- Sector** +
- Year** +

Search By Submit

Project Name



SMART ENERGY ATLAS OF CANADA

www.questcanada.org/atlas

QUEST NS - Past and Current Work

- Quarterly Caucus Meetings
- Municipal Energy Learning Group
- Buildings Working Group

Research:

2018 - Atlantic Canada Energy Data Roadmap

2017- Reviewing Market Readiness For Smart Energy Solutions in Nova Scotia

2015- Homegrown Success: Nova Scotia Smart Energy Solutions Inventory

2014- The Role of District Energy in Making Nova Scotian Communities Energy Resilient



Municipal Energy Learning Group (MELG)

Your Energy Manager is Not An Island

Launched in 2016 - top down and bottom up

Space for municipalities engaged in community energy planning, partnership buildings and Smart Energy Projects

Meet bi-monthly around the province to have study tours, presentations and engage in discussion

Topics of interest include: green building practices and policies, renewable energy generation and storage, innovative financing such as PACE, etc.

Benefits:

- Building relationships
- Inspiration and learning about best practices in the region
- Building on the successes and learning from the setbacks
- Gain information and clarity around areas of common interest, from invited experts

QUEST | *talks: Resilience*

Responding to Climate Change - Withstand, Respond & Recover

June 19 Halifax



Early Bird Registration www.questcanada.org/questtalks



Take it away, Ray.



Partners for Climate Protection Program



What is PCP?

- Network of over **300** Canadian municipal governments
- Commitment to reduce GHGs and act on climate change
- Partnership between the Federation of Canadian Municipalities (FCM) and ICLEI-Local Governments for Sustainability
- Founded in 1994 - 24 Years and Running

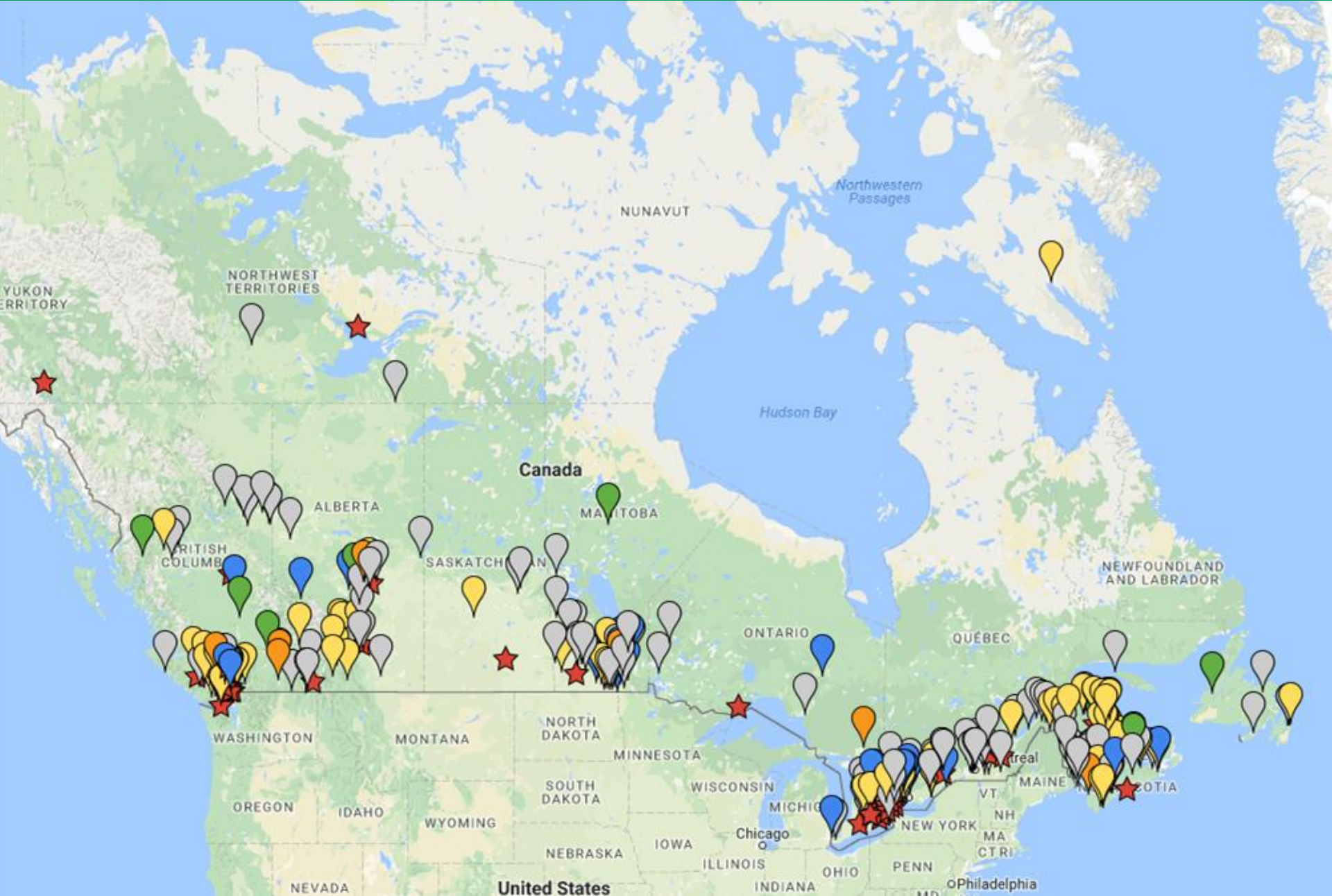


FEDERATION
OF CANADIAN
MUNICIPALITIES

FÉDÉRATION
CANADIENNE DES
MUNICIPALITÉS



A Canada-wide network...



Current Nova Scotia Members

Annapolis Royal

Antigonish County

Bridgewater

Clare

Colchester

Digby

Guysborough

Halifax

Lockeport

Lunenburg

Mulgrave

New Glasgow

Town of Pictou

Town of Shelburne

Shelburne County

Wolfville





PCP Process and Resources



Corporate & Community Scale

City of Regina, SK
LEED Gold fire station



City of Halifax, NS
Solar City program



Five-Milestone Framework



1. Establish a baseline GHG inventory and forecast



2. Set GHG reduction targets



3. Develop a local action plan



4. Implement the plan or set of activities



5. Monitor progress and report results



The Benefits of Joining

- Network
- Resources and tools
- Recognition



Regional Advisors



Our advisors offer a range of services and direct, on the ground support, tailored specifically to the needs of municipalities in the regions they serve.

These consulting-type services are provided free of charge, exclusively to PCP members.



Regional Advisors Role

They offer **training, knowledge-sharing and networking opportunities:**

- Workshops, webinars and other types of training
- Peer learning and networking activities
- Opportunities to expand your network of nearby municipalities so you can learn from their experiences
- Information about funding, local resources and programs

Our advisors can also:

- Help you identify and apply for grant funding
- Provide in-depth, technical information about the PCP program to help further your PCP Milestone progress
- Help you complete reports or documentation for the PCP program



Available Resources and Support

- One-on-one technical support line: pcp@iclei.org
- Peer-review service for milestone applications
- Tools, case studies and guidance documents
 - Access to the PCP Milestone Tool
- Networking and training
 - Access to PCP hub
 - Webinars, workshops and peer to peer learning with regional advisors
- Quarterly newsletter

- Clean Energy Advisors with Department of Energy
- **Taylor Cudney** Phone: 902-471-1277 Email: Taylor.Cudney@novascotia.ca



Federation of Canadian Municipalities (FCM) Funding Green Municipal Fund

We provide funding for environmental initiatives that improve air, water, and soil, and reduce greenhouse gas emissions. GMF funding is available to all Canadian municipal governments and their partners for eligible projects.

Up to 50% of eligible costs.

Continuing intake of applications.

Funding is allocated in the following focus areas.

- Sustainable neighbourhood and brownfields action plans
- Energy efficiency and recovery
- Transportation and fuel efficiency
- Water quality and conservation
- Waste management and diversion
- Brownfields

We fund the following types of initiatives:

- Plans
- Feasibility studies
- Pilot projects
- Capital projects

Federation of Canadian Municipalities (FCM) Funding Climate Change Staff Grants

Grants of up to \$125,000 to cover the salary of one staff person

Funding for up to 80% over a two-year period

Applications are accepted until June 29, 2018. Limited funding is available.

Can be shared amongst municipalities and with First Nations communities.

Activities must include these three areas:

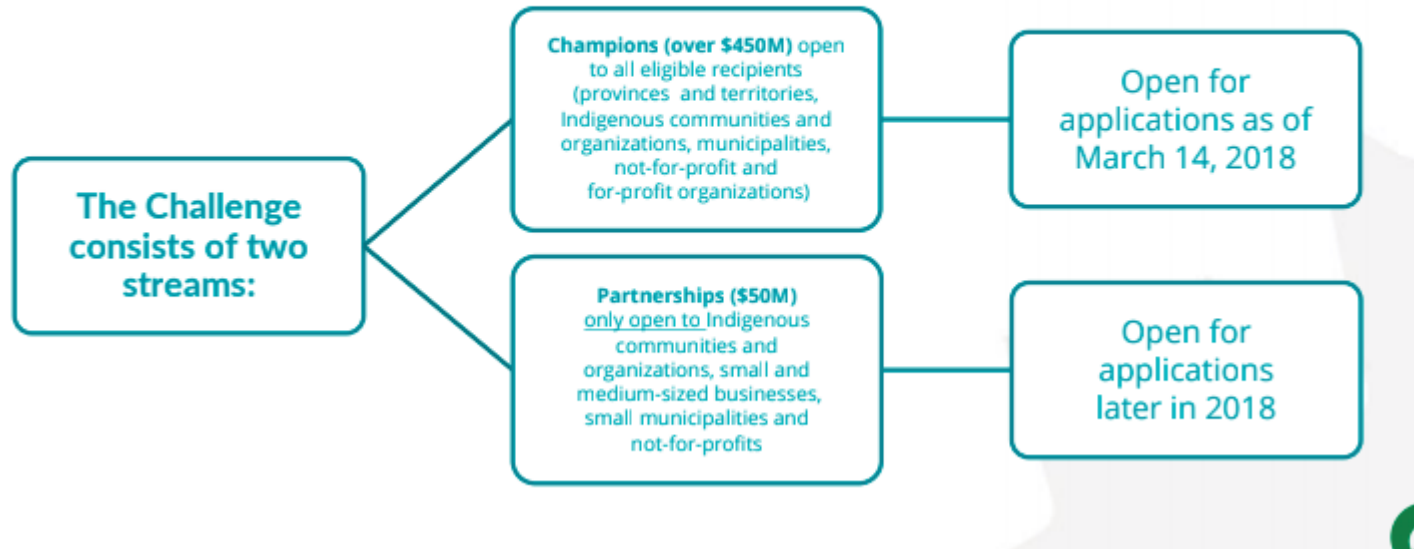
- Planning related to mitigation OR adaptation
- Institutional and operational changes
- Implementation of climate mitigation or adaptation projects

Examples of municipal initiatives

- Developing a climate mitigation or adaptation vision
- Preparing and holding public consultation
- Implementing a feasibility study or capital project
- Setting up a steering committee

Low Carbon Economy Funding

Challenge Streams



For Partnerships- Municipalities (under 100,000 residents) get 40% cost coverage.

\$1M minimum, \$10M maximum

For specific projects or portfolio of projects resulting in measurable GHG reductions.
Not studies, research, capacity building, new buildings.

CONTACT INFORMATION

M. Samantha Peverill
Lead, Nova Scotia Services, QUEST

Atlantic [Regional Climate Advisor](#) for FCM-ICLEI [Partners for Climate Protection program](#) (PCP)

902.240.0165

speverill@questcanada.org

For further information on the Partners for Climate Protection program, see:
www.fcm.ca/pcp

