FCM FEDERATION OF CANADIAN MUNICIPALITIES FÉDÉRATION CANADIENNE DES MUNICIPALITÉS

ICLEI Local Governments for Sustainability

MUNICIPAL CLIMATE CHANGE ACTION TRAINING WORKSHOP
Winnipeg, Manitoba

Municipal Climate Change Action

Training Workshop

February 20, 2013

WORKSHOP OUTLINE

Opening

Part 1 - GHG Inventories

Part 2 - Reduction Targets

Part 3 - Action Planning

Manitoba in Action

Part 4 – Implementation

Part 5 – Monitoring

Wrap Up

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Winnipeg, Manitoba

Municipal and Climate Contexts

Muni Ahlawat

February 20, 2013

CLIMATE CONTEXT

Where Do Greenhouse Gases Come From?

Climate is not the same as weather

• Weather is the state of the atmosphere at a **particular time and place**.

Climate is how the atmosphere behaves over **long periods of time**.

"In most places, weather can change from minute-to-minute, hour-to-hour, day-to-day, and season-to-season. Climate, however, is the average of weather over time and space."

Why should MUNICIPALITIES be interested in climate change

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Land Use Planning

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Transport
1 1/4 MILES
3/4 MILE
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Air Quality

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Provincial Plans and Regulations

NOVA SCOTIA

Municipal Climate Change

Action Plans

Ontario

O. Reg 397/11

BRITISH COLUMBIA

Carbon *Tax* Act

Québec

Plan d'action 2013-2020

sur les **changements climatiques**

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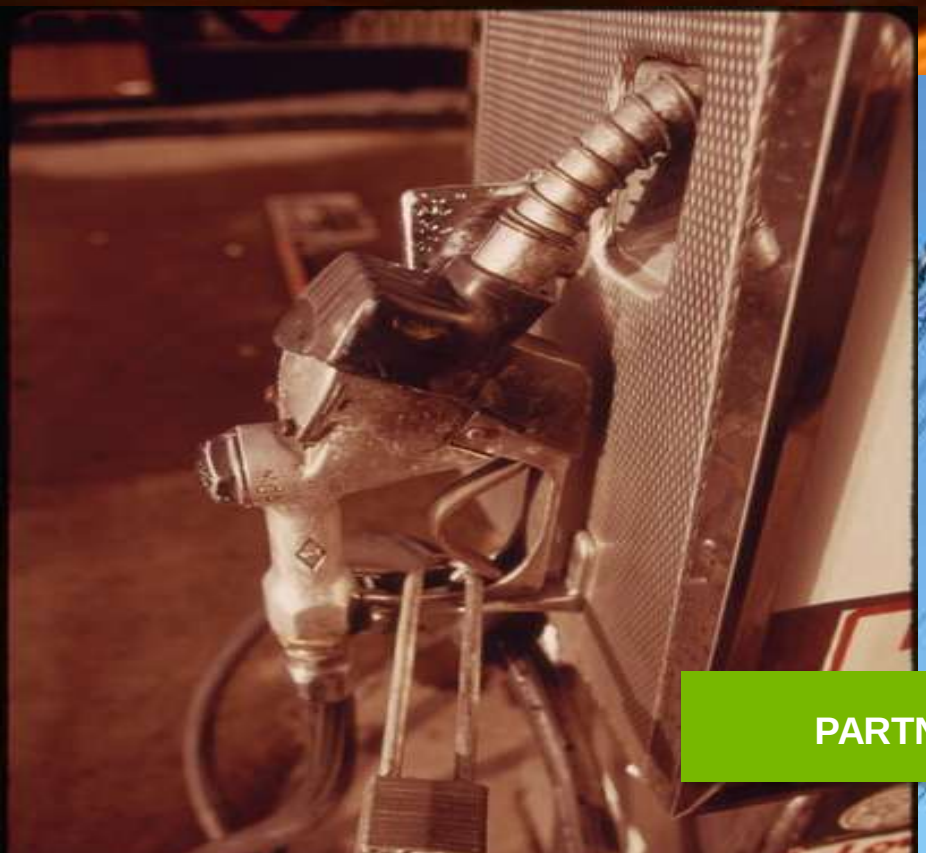
Municipal Governments

The Position:
Municipalities play key roles in preparing and positioning their communities to climate change

The Potential:
In Canada, municipal governments have influence over 44% of GHG emissions

The decisions that municipalities make today can increase or decrease vulnerability to future climate change

Energy Security



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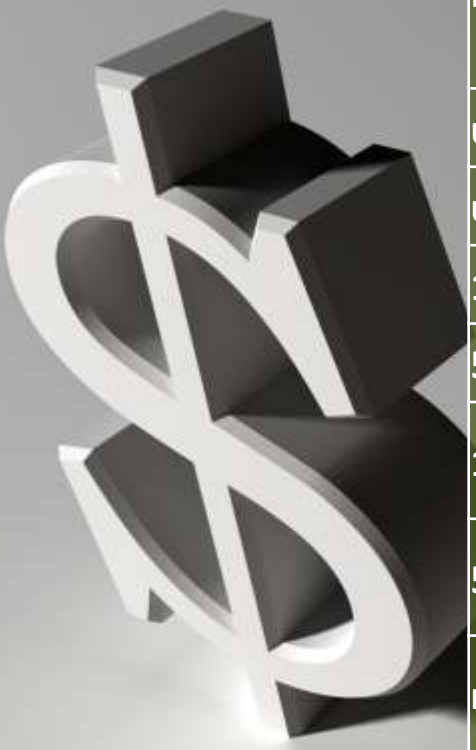
Financial Drivers



Population	Municipal Corporate Energy Expenditures ($)	Total Community Energy Expenditures ($)
under 5,000	200,000	8 .9 million
under 10,000	300,000	30 million
10,000 to 50,000	970,000	97 million
50,000 to 100,000	2 million	105 million
100,000 to 500,000	7,5 million	600 million
500,000 to 1 million	10 million	470 million
more than 1 million	100 million	3 ,7 billion

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Question!

You have five minutes with the mayor of your municipality, how would you explain the importance of energy to the community and agriculture?

Why is the Local Scale Important?

- 60% of global energy consumption and 30-50% of global GHG emissions originate at the local scale
- The majority of the world's population lives in cities and this trend is intensifying
- Climatic impacts are affecting the health and economy of communities significantly

FCM

ICLEI
Local Governments for Sustainability

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…240 members and growing

SAINT JOHN

Whitehorse
THE WILDERNESS CITY

Montréal

TOWN OF GIBSONS

VILLE DE QUÉBEC

City of Pitt Meadows
The Natural Place

Yellowknife
DIAMOND CAPITAL of NORTH AMERICA™

TOWN OF WOLFVILLE
INCORPORATED 1893

edmundston

HALIFAX
REGIONAL MUNICIPALITY

TORONTO

TOWN OF CALEDON

The City of Penticton

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Joining PCP

one: Contact PCP for orientation package

two: Download the sample resolution to join PCP

three: Appoint a staff and elected official liaisons to be the main contacts with PCP.

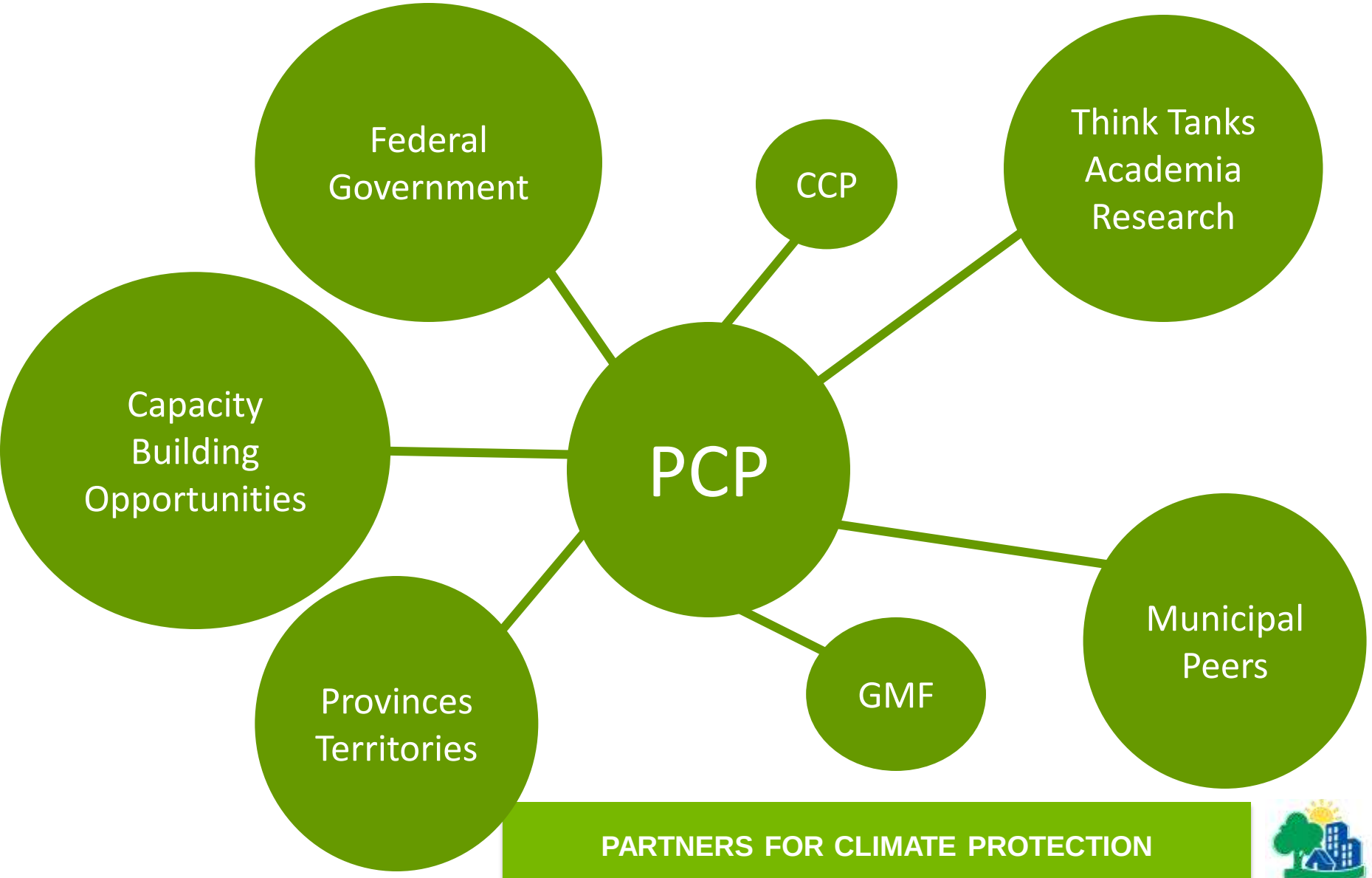
four: submit adopted Council resolution, along with the staff liaison's contact information

five: Receive information package, lists of resources and the PCP Milestone Framework to begin implementation.

…a network

Ville de Gatineau
Region of Waterloo
Fredericton
Smart. Sustainable.
nicolet
MISSISSAUGA
Oshawa
Prepare To Be Amazed
TOWN OF SHELBURNE
NOVA SCOTIA
INCORPORATED APRIL 4TH 1907
Sechelt
Naturally Spir
TOWN OF LOCKEPORT, N.S.
INCORPORATED 1907
HARRISON HOT SPRINGS
Naturally Refreshed
TOWNSHIP OF
Scugog
Delta
Ville de
Témiscouata
ur-le-Lac
Comox Valley
REGIONAL DISTRICT
CITY OF
PRINCE GEORGE
NEW WESTMINSTER
OAKVILLE
DISTRICT OF
Mission
ON THE FRASER
CITY OF
Lethbridge
London
CANADA
the city of north vancouver
The Municipality of
Port Hope
CITY OF
SURREY
the future lives here.
Hamilton
MARKHAM
SAINTE-ADÈLE
City of
St. Albert
Cultivate Life
Beaconsfield
Edmonton
LAVAL

…connections



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Guides and Tools

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Green Municipal Fund

GMF FUNDING STREAMS

COMMUNITY ACTIVITIES	GMF FUNDING
PLANS	Grants to develop sustainable community plans
STUDIES	Grants to conduct feasibility studies and field tests
PROJECTS	Loans, usually in combination with grants, to implement capital projects

Green Municipal Fund and PCP

GMF FUNDING STREAMS

COMMUNITY ACTIVITIES	GMF FUNDING
PLANS	Grants to develop sustainable community plans

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