Fraser Basin Council – Floods and Drought
Tackling Wild Weather

FCM Funding for Infrastructure and Climate Challenges

Jim Wren

March 15, 2017
Federation of Canadian Municipalities
Credibility. Experience. Trust.
$4.9 billion
Infrastructure challenges

- Municipal services rely on infrastructure
- Demand for services continues to grow
- Meeting safety and environmental standards
- Accommodate future needs and climate change
- Need of repair or replacement
Tough questions, tough decisions

How to prioritize investments in infrastructure?

What to repair, renovate or replace?

How to plan for tomorrow’s needs and realities?

How to budget for contingencies and emergencies?
REPLACEMENT COSTS
FCM’s Climate and Asset Management Network

- Will support municipalities to build a climate lens into asset management practices

**Did you Know?**

Only about 25% of Canadian municipalities with AM plans formally incorporate climate risks & considerations (CIRC 2016).
MCIP Timeline

March 2017

Plans and studies grants

Climate and Asset Management Network

Spring 2017

Regional and national-scale climate initiatives

Demonstration project grants

Fall 2017

Staff support grants

Transition 2050
Financial support through MCIP

Reduce GHG emissions

**Plans**
- GHG emission reduction and community energy plans
- Transportation and land use plans

**Studies**
- **Energy**: Climate mitigation
- **Water**: Climate mitigation
- **Solid waste**: Climate mitigation
- **Transportation**: Climate mitigation
- **Community initiatives**: Climate mitigation

**Demonstration projects**

Adapt to climate change impacts

**Plans**
- **Climate change** adaptation plans

**Studies**
- **Extreme temperature**: Climate adaptation
- **Flooding and drought**: Climate adaptation
- **Wind events**: Climate adaptation
- **Community initiatives**: Climate adaptation

**Demonstration projects**
Transportation
Vancouver Plug-in Electric Vehicle (PEV) Charging Infrastructure Field-Test

- Updating building codes for EV-ready
- Working with car-share companies
- Fast Charge demonstration project
- Building a municipal EV fleet
Climate Change Adaptation
Flooding

Source: http://www.fraserbasin.bc.ca/water_flood_projects.html
Natural Asset Management
Town of Gibson’s Eco-asset Strategy

• First Canadian municipality to explore managing the natural capital

• Using infrastructure and financial management concepts

• Demonstrating the tangible value to the community
Green Municipal Fund
Partners for Climate Protection
Subscribe today for the latest updates:
fcm.ca/fcmgreen
Key Takeaways

• FCM has new Funding Programs designed for all municipalities

• Contact FCM

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QUESTIONS?

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