

Federation of Canadian Municipalities'  
**Green Municipal Fund**

**Brownfields to Bling**



# Agenda

- GMF funding offer
- Success stories
- Tools and resources
- Questions



# What is FCM's Green Municipal Fund?

## Mission:

1. Provides **knowledge and training resources**
2. Provides **grants and long-term, below-market loans** (no grants for brownfield)

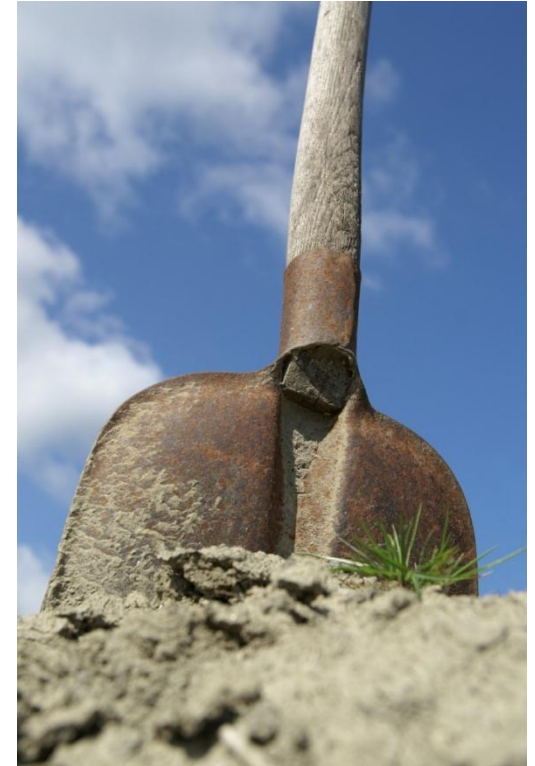


# Funding agreement requirements

- Urban/rural balance
- Regional balance
- Sectorial balance:

## **Brownfields is the priority:**

- best efforts to commit \$150 million by March 31, 2012
- best efforts to commit 30% of the Fund assets after March 31, 2012



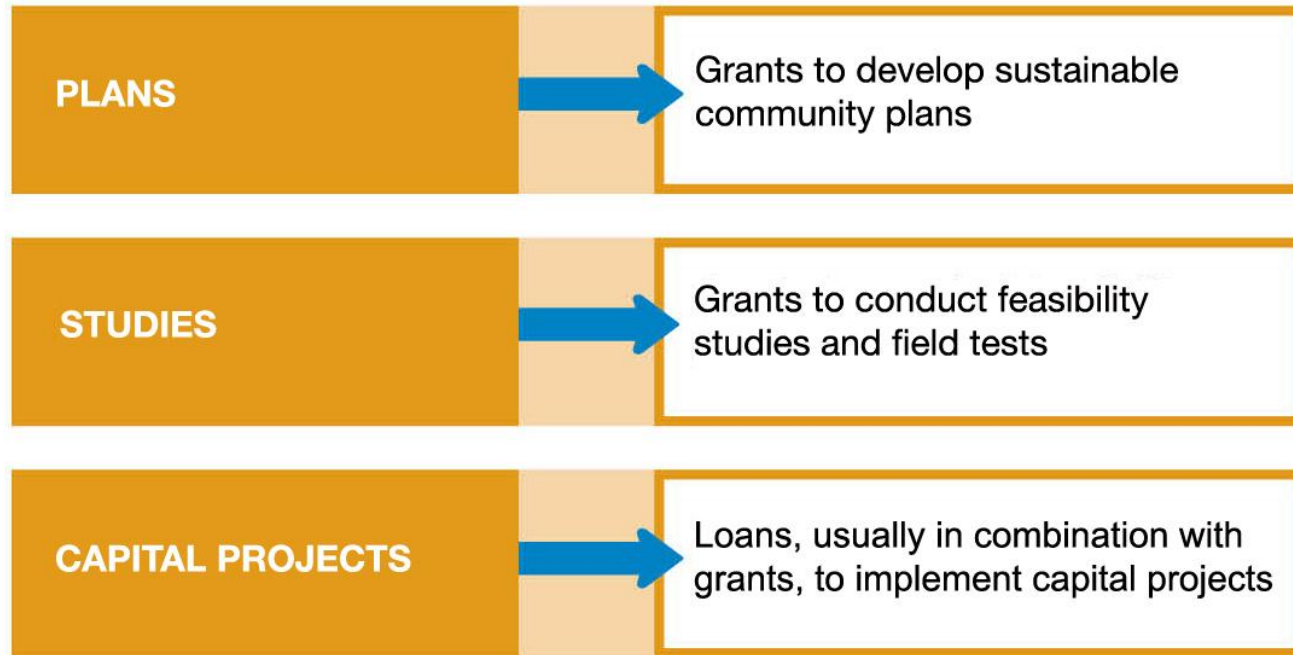
# GMF Funding Offer



# GMF funding overview

## SUSTAINABLE COMMUNITY ACTIVITIES

## GMF FUNDING STREAMS



# Eligible activities for brownfield sector:

- **Site remediation or risk management**
  - must demonstrate the potential to bring the site back into economically productive use
- **Renewable energy production**
  - stand-alone renewable energy production projects implemented on brownfield sites



# Why is GMF a funder of choice for brownfield projects?

- Competitive rate:
  - 1.5% below the Government of Canada bond rate for municipalities
  - As low as 6% for private-sector partners
- No loan fees or expenses
- 20 and 10 year terms
- Funding is stackable
- No penalties
- No loan limit for brownfield



# Leveraging partnerships



# Funding private sector initiatives

**Private-sector applicants must partner with a municipality**

## Documents required:

- **intent** of the partnership
- **roles and responsibilities** of each partner
- **contributions** of each partner
- anticipated **benefits** for each partner



# Success stories



City of Victoria, B.C.

## ***Dockside Green – Phase One***

FCM Sustainable Community Awards 2009 winner

- Four detached buildings achieved LEED® Platinum
- 53% reduction in energy use
- 67% reduction in potable water consumption
- 95% of construction waste diverted from landfill
- 200 construction jobs created



City of Toronto, Ontario  
***Adaptive Reuse of the  
Industrial Heritage  
Wychwood Car Barns***

**FCM Sustainable Community  
Awards 2010 winner**

- 7,400 m<sup>3</sup> of contaminated soil removed during site remediation
- 71% of construction waste diverted from landfill
- Stormwater harvesting and reuse reduces municipal potable water consumption by over 60%
- Sustainable technologies reduce energy consumption by 39.6% and GHG emissions by 40.8%



# City of Edmonton, Alberta

## *Strathcona Shooting Range*

### *Site Remediation*

- Approx. 23,000 m<sup>3</sup> of contaminated ground and berm materials
- Over 1,000 tonnes of materials recycled during remediation
- By using field screening technologies for heavy metals, remediation came in under budget
- Protection of sensitive wetland areas by using controlled run-off procedures and silt fences



# Tools and resources



# Case studies

**Brownfields**

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## Greenhouse gas action plan guides Whithorse

City of Whithorse, Yukon

### Green Municipal Fund Case Study

**Greenhouse Gas Reduction Strategy (2007-2010)**  
 date projet complété: printemps 2008  
 coût projet: 200,000,000  
 coût par: 200,000

- City completed greenhouse gas inventory
- Transportation and buildings contribute the most to greenhouse gas emissions
- The largest city operations activities necessary
- Emission reduction projects initiated

**PROJECT TEAM**  
 City of Whithorse  
 Community Steering Committee  
 City Steering Committee

**CONTEXT** With a population of 2,000, the capital city of the Yukon Territory sits just north of 67° latitude in the northwest corner of the territory. Whithorse is part of the Yukon's Ice Climate Protection (ICP) program, a partnership between ICLE and ICLE. Local Government for Sustainable Yukon, which encompasses setting a target for reducing greenhouse gas emissions and developing a local action plan to address climate change and build a more sustainable community. By taking a strategic climate change commitment in the fall of 2005, Whithorse set the stage for developing its new plan.

**APPROACH** Before Whithorse decided to develop a plan in 2005, the city's climate change council, which was asked to convene its position. Steering committees for two groups – industrial city operations and the wider community – were set up to recommend actions for the plan.

During the next 18 months, the project team initiated following data for greenhouse gas emissions at

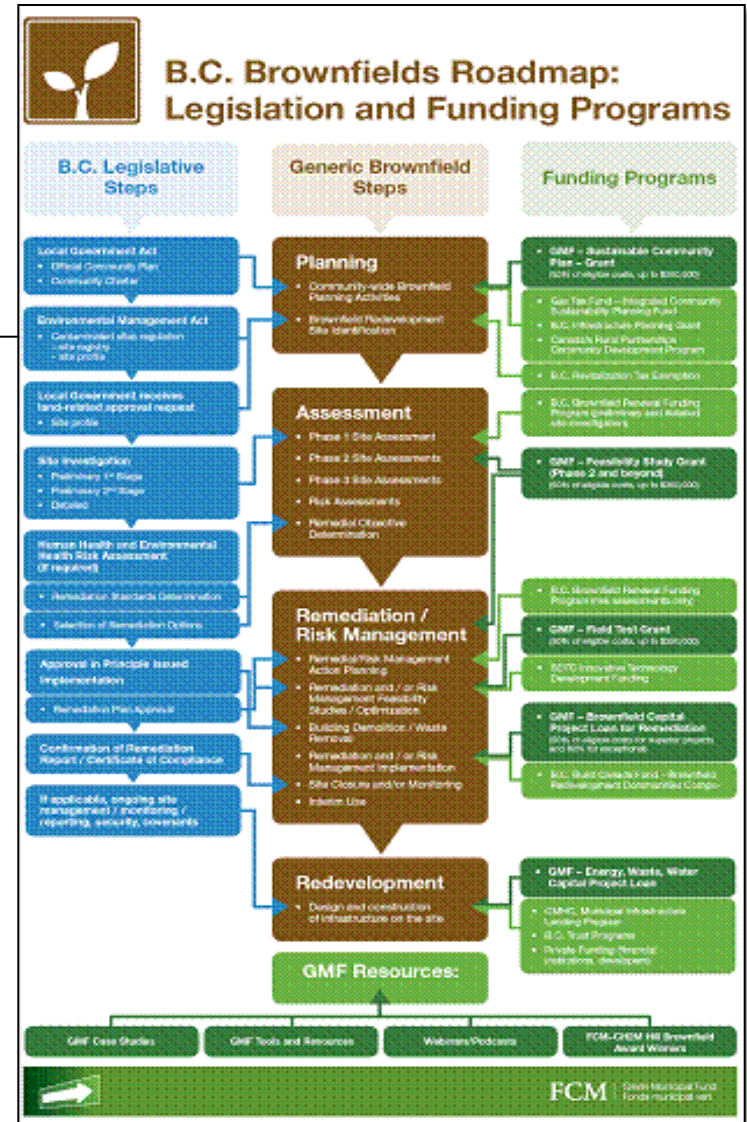
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# Brownfield roadmaps

## Guidance for municipalities on:

- Generic steps
- Funding available throughout the remediation and redevelopment process
- Capacity Building
- Relevant legislation



# Workshop Series

## Brownfield Series

Hamilton: February 23

Edmonton: March 8

Kingston: March 22

Montreal: March 24

Waterloo: April 12

other location TBC

**Practical Workshops  
for Brownfield  
Redevelopment**

**Transform your brownfield:**  
Local issues • Municipal strategies  
Regulatory updates • Economic drivers  
Innovative solutions • Success stories • Roadmaps

*"I think this had to be one of the best seminars I have been to in a long while. It is constantly on my mind as I work through different commercial properties."*

*Workshop participant  
Rob Borden,  
Century 21 –  
Harbour Realty Ltd.*

- Councillors
- Managers
- Planners
- Regulators
- Consultants
- Developers
- Owners
- Realtors

Stay tuned! Dates and locations to be announced in Alberta, Ontario, Quebec and the Atlantic region.

To find out more, visit:  
• [www.fcm.ca/gmf](http://www.fcm.ca/gmf)  
• [www.aboutREMIEDIATION.com](http://www.aboutREMIEDIATION.com)

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Partnering for a Sustainable Future

Supported by  
the Canadian Brownfields Network  
and aboutREMIEDIATION



# You have a project in mind?

**Ask our Advisors**

**or**

**Visit our website: [www.fcm.ca/gmf](http://www.fcm.ca/gmf)**



# Questions?

