

FCM's Green Municipal Fund

Working with
Canadian
municipalities for
greener future

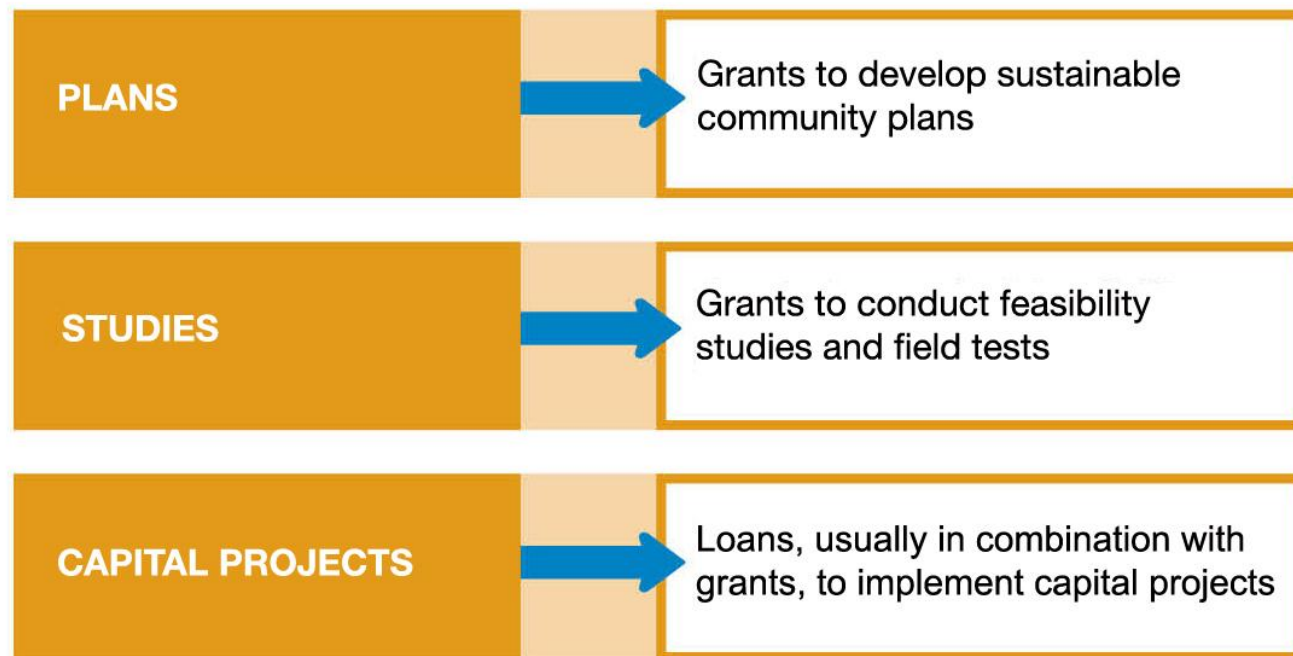




GMF funding overview

SUSTAINABLE COMMUNITY ACTIVITIES

GMF FUNDING STREAMS



For more information

Visit our booth at the tradeshow:

stand #62



GMF Capacity Building

Objective:

To deliver knowledge, training, and networking activities that leverage the Green Municipal Fund to accelerate the implementation and replication of sustainability initiatives in Canadian municipalities



FCM Sustainable Communities Conference

“It’s important to find out if we’re on the right track or not, or how maybe we can do something differently. I’m going to soak up as much knowledge as I can.”

**- Councillor Raymond Tynes
Truro, Nova Scotia at 2010 SCC**





“Seeing is believing”



Live the experience

2011
FCM Sustainable
Communities
Mission

La vie en vert:
an executive study tour



August 7-12, 2011
Montréal – Sherbrooke – Victoriaville – Quebec City

fcm.ca/events





AWARDS OF EXCELLENCE
LES PRIX D'EXCELLENCE

FCM Sustainable Community Awards

- **National recognition** for projects
- Awards in **nine categories**
- **Winners'** ceremony and videos





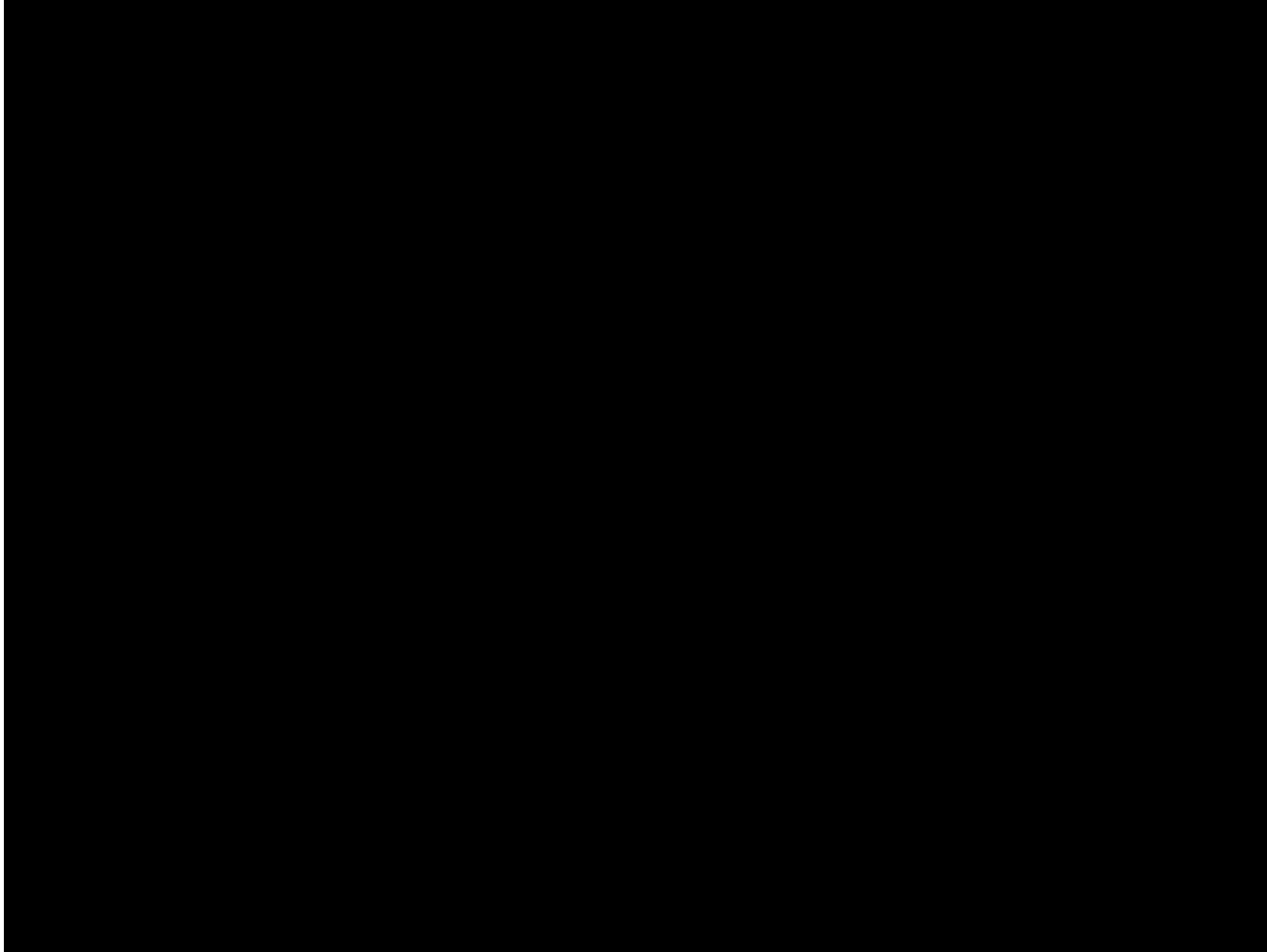
Quebec City – Charlesbourg Library

- **2007 Sustainable Community Award winner — Buildings category**
- **2011 Mission destination**

Sustainable Communities Conference and Trade Show



Conférence et salon professionnel sur les collectivités durables



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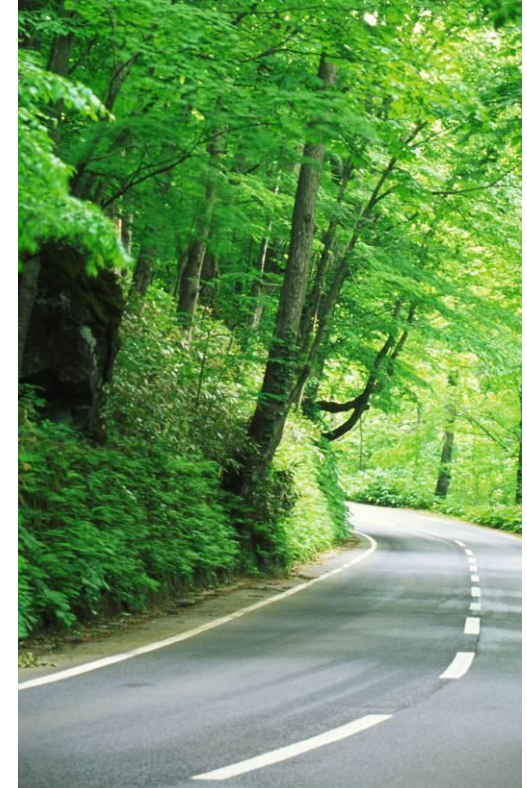
#SCC2011





Webinar series

- **Free**, interactive, web-based workshops
- Topics of interest in each sector
- Podcasts and presentations available
- **Looking ahead in 2011:** Innovative projects series and brownfields series



Sustainability resources

Brownfields

SUSTAINABILITY SNAPSHOT

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Improving Travel Options with
Transportation Demand Management (TDM)

Photos: City of Montreal (top left); TransLink (top right); Town of Miramichi (bottom left); John Lubin/Greener Victoria/like to Work Society (bottom right)

Sustainability Solution transportation

Communities
in Motion

Bringing active transportation to life

Sustainability Solution transportation

Getting to 50% and Beyond:
Waste Diversion Success Stories from Canadian Municipalities

Sustainability Solution waste

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Case studies

Social housing retrofits cut energy use and costs

Social Housing Services Corporation, Ontario

Energy Management Program Audit Project (2007-2008)
Date project completed: July 2007
Total project value: \$10,000
GMF grant: \$20,000

- Personalized energy audits completed on 2,000 social housing units
- Program saves 100,000 kWh of energy
- Developer funding model increased from 100% to 50%
- First round of audits reduced greenhouse gas emissions by 3,075 tonnes

PROJECT TEAM
Social Housing Services Corporation
Regional Municipality of Peel

COMMENT: The Social Housing Services Corporation was awarded in 2002 to support social housing in Ontario where the province owned responsibility for it is transferred. The province of social housing is a large and complex system. The province has identified its responsibility in building by separate units for municipalities, independent non-profit housing corporations and private housing corporations. Ontario social housing units contributed to energy savings by retrofitted, wind and financial measures. Most of the housing units in 30 to 40 year old and require capital improvements and energy audits. GMF grant was used for the replacement of water saving shower mixers.

APPROACH: The Social Housing Services Corporation, in partnership with the Regional Municipality of Peel and 30 other Ontario municipalities, developed a program for regional

Portage la Prairie building study targets green design

City of Portage la Prairie, Manitoba

Green Municipal Fund Case Study

Youth Recreation and Family Centre Feasibility Study (2007-2010)
Date project completed: October 2009
Total project value: \$10,000
GMF grant: \$8,000

- Brownfield site targeted for green development
- Innovative solutions offer substantial energy savings and emissions reductions
- Design targets LEED Gold certification
- Design serves as educational and training tool for sustainable building practices

OVERVIEW: Youth for Christ/Portage develop a vacant concrete slab on a two-use office and commercial Portage la Prairie. The project set out the latest sustainable building practices Canada Green Building Council's LEED in Energy and Environmental Design. The project resulted knowledge on energy efficiency and recycling options. The result is a design for a building that was less energy than a similar convention. Although the building did not go ahead, it served as an educational tool to raise awareness of sustainable building best

Greenhouse gas action plan guides Whitehorse

City of Whitehorse, Yukon

Green Municipal Fund Case Study

Chukcheena Gas Reduction Strategy (2007-2008)
Date project completed: January 2008
Total project value: \$6,110
GMF grant: \$20,000

- City developed greenhouse gas inventory
- Transportation and buildings contribute the most to greenhouse gas emissions
- Plan targets city operations and other community
- Greenhouse reduction projects initiated

PROJECT TEAM
City of Whitehorse
City Planning Commission
City Planning Commission

COMMENT: With a population of 20,000, the capital city of the Yukon Territory sits just north of 60° latitude in the western corner of the territory. Much of the territory is covered by permafrost. The City of Whitehorse is a small city with a population of 20,000. The city is a small city with a population of 20,000. The city is a small city with a population of 20,000.

APPROACH: Whitehorse City Council adopted a comprehensive greenhouse gas inventory and strategy to plan to reduce emissions. In March 2008, city council adopted the plan to set a goal of reducing greenhouse gas emissions by 10% by 2010. The plan includes energy and greenhouse gas reduction targets for city operations and the community as a whole. Council agreed to greenhouse gas reduction targets to set per cent for the community and for city operations. The plan also sets the targets for city operations.

Compost collection pilot succeeds in Sherbrooke

City of Sherbrooke, Quebec

Green Municipal Fund Case Study

Feasibility study for setting up a compost collection service (2007-2008)
Date project completed: July 2008
Total project value: \$65,000
GMF grant: \$21,750

- Technical and economic feasibility study on collecting compost
- Assessment of the overall environmental impact
- Revenue increased among participants
- Reference charge seen in results

OVERVIEW: Sherbrooke embarked on a pilot program to collect compost. The project also was designed to show the technical and economic feasibility of collecting compost, to find out the costs, user approval, efficiency and acceptability of the type of collection used to raise residents' awareness about changing their behaviour to reduce the total use of waste materials. The feasibility study aimed to find out what was needed to establish a compost service, and to quantify the service. It was used by the residents and city. The city responded to several 14,000 tonnes of compost from the pilot.

Quispamsis trims energy use

Quispamsis, New Brunswick

Green Municipal Fund Case Study

Energy Management Plan for Municipal Operations (2007-2008)
Date project completed: August 2008
Total project value: \$25,000
GMF grant: \$10,000

- The Town of Quispamsis commissioned an energy audit
- Retrofits such as programmable thermostats, heat recovery ventilators and insulation will cut annual greenhouse gas emissions by 254.8 tonnes
- Energy bill now roughly \$24,000, with a 25% year savings
- Annual energy cost savings will top \$22,000

PROJECT TEAM
Town of Quispamsis
Quispamsis

COMMENT: The Town of Quispamsis, a village community of 10,000 just west of Saint John, was the first New Brunswick municipality to join the National Climate Protection (NCP) program, a partnership between the Province of New Brunswick and the Canadian Meteorological Service (CMS). Local governments are encouraged to reduce greenhouse gas emissions. The town is carrying out a five-phase NCP plan designed, in part, to make retrofits from the town's municipal buildings - including a town hall, arena, food bank, health centre, senior centre, and 40 residential units. In the first step, the town completed the greenhouse gas inventory and set its reduction target. The first phase involved identifying the action plan, implemented in this case study.

Social housing retrofits cut energy use and costs

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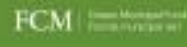
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Examples to share ...

Welcome to the Green Municipal Fund Approved Projects Database

The Green Municipal Fund Approved Projects Database contains information on Green Municipal Fund (GMF) projects approved for funding by the Federation of Canadian Municipalities. It is designed to help you find information about Green Fund projects quickly and easily.

FIND INFORMATION ON GREEN MUNICIPAL FUND PROJECTS IN TWO CONVENIENT WAYS:

1 Browse the GMF Approved Project Database based on project characteristics using the following search fields:

Project Category:

Province / Territory:

Total Project Value: from to

Fiscal Year: from to

Population: from to

Project Type:
 All Project Types
 Studies, Field Tests and Feasibility Ass.
 Capital Projects and Pilot Installations

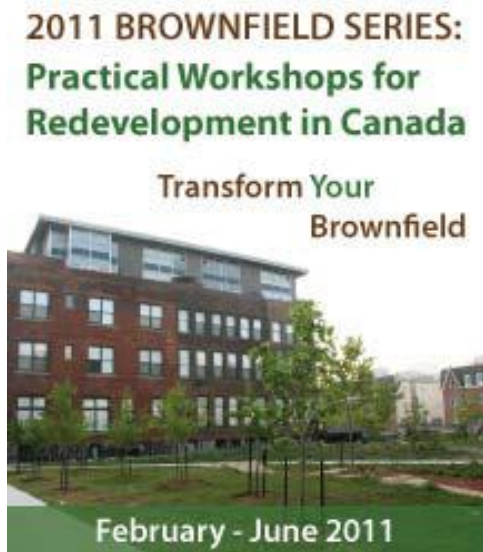
Sort By:



Looking ahead in 2011: Brownfields

Practical Brownfield Development Workshops

Brownfield Roadmaps





Looking ahead in 2011: Bridging the planning–implementation gap

- **2011–2012: workshops and resources to support municipalities with implementation**
- **Interested in participating?**
- **Contact Donna Chiarelli, Manager, Capacity Building Program; dchiarelli@fcm.ca; 613-907-6315**





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WHAT'S NEW

FCM's Green Municipal Fund supports the Region of Waterloo's long-term transportation plan...
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FCM's Green Municipal Fund supports the City of Saskatoon for a study of retrofitting rapid stabilization and gas collection in older landfills...
[Read More](#)

New resource for redeveloping Ontario brownfields online redevelopment framework for former service stations in Ontario now available...
[Read More](#)

\$ 4 Million in loans and grants announced by FCM's Green Municipal Fund to support sustainable infrastructure projects in Saint John...
[Read More](#)

FCM's Green Municipal Fund Apply year-round to FCM's Green Municipal Fund for capital project funding...
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EVENTS

2009 Annual Conference of the Association des directeurs municipaux du Québec
May 6-8, 2009, Gatineau, Québec...
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Engineering Institute of Canada - 2nd Climate Change Technology Conference 2009
May 12-15, 2009, McMaster University, Hamilton Ontario...
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Union des municipalités du Québec Annual conference
May 14-16, 2009, Gatineau, Québec...
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Canadian Association of Municipal Administrators Annual Conference
June 1-3 2009, Whistler, British Columbia...
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Do not miss the 2009 FCM Annual Conference in Whistler, B.C.
June 5-8, 2009, Whistler, B.C....
[Read More](#)

GREEN MUNICIPAL FUND

Grants and below-market loans, education and training resources. >>

PLANS
Grants for sustainable community plans. >>

STUDIES
Grants for feasibility studies and field tests. >>

PROJECTS
Loans and grants to implement capital projects. >>

Brownfields Energy Transportation
Waste Water

CAPACITY BUILDING
Tools and resources to share knowledge and experience. >>

Green Municipal Fund: How to Apply



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