

# Sustainable Planning and Development for Small Communities



**Presented by**  
**CMHC, Green Manitoba**



# Sustainable Planning and Development for Small Communities



Courtesy of Town of Stony Plain



Courtesy City of Edmonton

# Workshop Objectives

- ❖ Build awareness of the importance of sustainable planning and development
- ❖ Share information about sustainable practices in small communities - focus on physical infrastructure
- ❖ Provide decision-making tools to help plan for long term sustainability



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# CMHC's Role

- ❖ Sustainable Communities
- ❖ Water Conservation
- ❖ CMHC's Healthy Housing™ Vision

PRACTICES FOR  
SUSTAINABLE  
COMMUNITIES

CD-ROM included



HOME TO CANADIANS  
Canada





- ❖ Provincial Agency launched April 1, 2006
- ❖ Deliver activities outlined in “Green and Growing” Strategy
- ❖ Foster environmental innovation and community based approaches through strategic partnerships
- ❖ Energy efficiency, water conservation and waste minimization focus
- ❖ Waste minimization priorities: tires, blue box materials, e-waste, paint & HHW

# What is Sustainable Development?



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# Sustainable Development

*No single definition*

*“...development to meet the needs of the present without compromising the ability of future generations to meet their own needs.”*

World Commission on Environment and Development, 1987



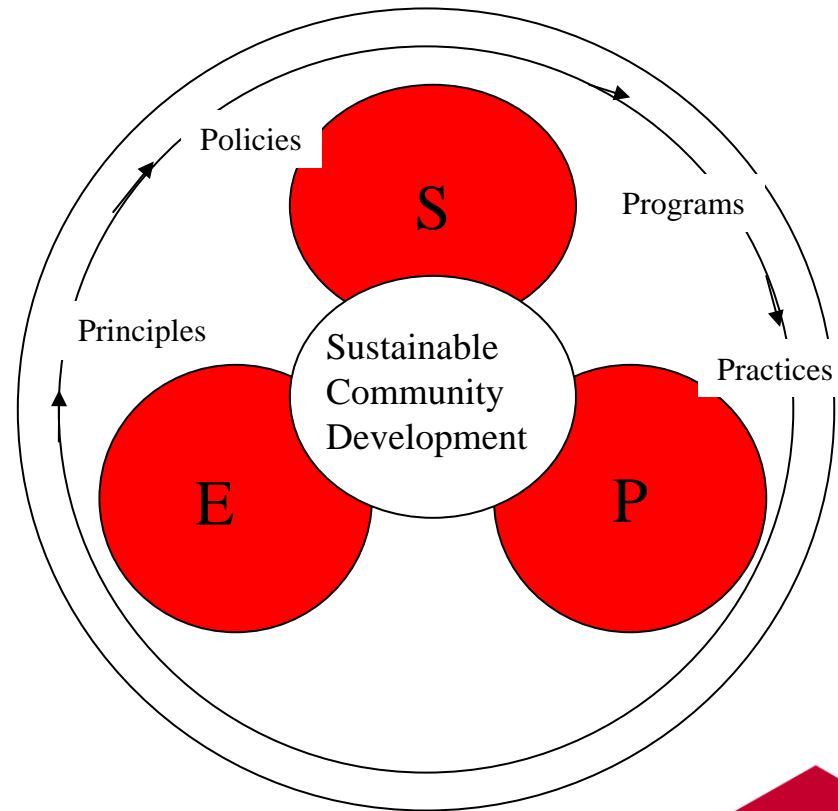
# Why is Sustainable Development Important?

- ❖ Supply of earth's non-renewable resources is finite
- ❖ Ecosystems have limits
- ❖ Unique landforms and areas of outstanding beauty are irreplaceable



# Sustainable Community Development Framework

- ❖ Social
- ❖ Economic / Fiscal
- ❖ Physical \*\*



**\*\* this workshop deals with physical aspects**

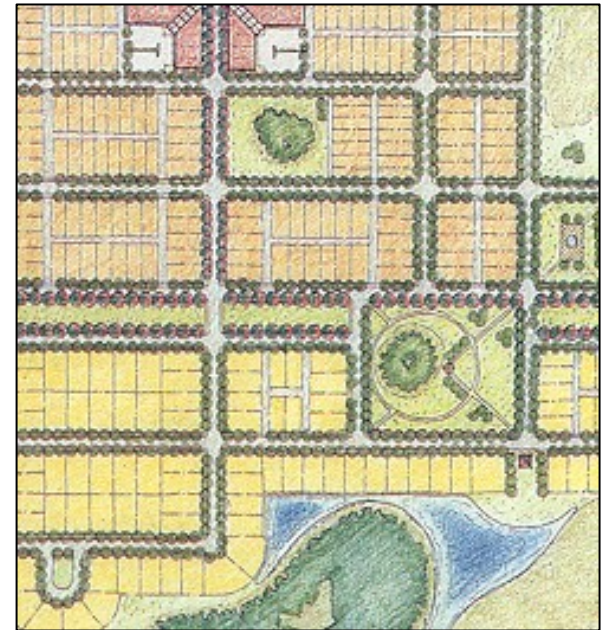
# Focus of Sustainable Practices

## Physical Dimension

- ❖ Community policy development
- ❖ Natural systems
- ❖ Housing and built form
- ❖ Infrastructure

# Key Goals of Sustainable Communities

- ❖ Healthy natural areas
- ❖ Efficient land use
- ❖ Vibrant, safe and accessible neighbourhoods



# Key Goals of Sustainable Communities (cont'd)

- ❖ Designed for efficient resource use, transportation and servicing
- ❖ Equitable, affordable and fiscally responsible

Three green maple leaves are arranged on a white background. One large leaf is at the top, and two smaller ones are below it, one to the left and one to the right. The leaves have a light green color and prominent veins.

*"Think globally  
and  
act locally."*

# Integrated Community Sustainability Planning (*ICSP*)

- Community planners have a leadership role in developing & implementing strategies that will consider:
  - ❖ Seeking to use natural resources efficiently and equitably,
  - ❖ Protecting and enhancing the quality of life for its' residents, and
  - ❖ Creating opportunities for new & existing businesses to strengthen their economies.

# ICSP continued

- Develop a vision for your community that looks beyond current needs and recognizes environmental limits to human development.
- Plan for and implement projects/activities that foster and promote the reduction of greenhouse gas emissions, energy efficiency and resource conservation
- Take leadership by the drafting and implementation of local, policies that support the reduction of greenhouse gas emissions, energy efficiency and resource conservation.



# Federation of Canadian Municipalities Green Funds: Green Municipal Fund (*GMF*)

- ❖ The (GMF) consists of a \$550-million endowment from the GOC to stimulate environmental projects by municipal governments and their partners that generate measurable environmental, economic, and social benefits.
- ❖ Supports a range of activities leading up to and including the physical implementation of an environmental infrastructure project.
- ❖ Grants are available for feasibility studies, field tests and sustainable community plans
- ❖ The options available for capital implementation projects are in the form of loans, grants, or a combination of the two



# Federation of Canadian Municipalities

## Green Funds:

### *Green Municipal Grant Program*

- ❖ Feasibility Studies,
- ❖ Field Tests,
- ❖ Sustainable Community Plans
- ❖ There is no closing date for these applications
- ❖ GMF grants can cover up to 50% of the total eligible costs of an approved feasibility study, field test, or sustainable community plan up to a maximum funding amount of \$350,000



# The GMF Funding Option for Capital Implementation Projects

The funding options available for capital implementation projects are loans, grants, or a combination of the two.

The funding caps for eligible capital implementation projects are:

- Loans of \$50 to \$70 million a year;
- Grants of \$7 to \$10 million a year.

# Leveraging Additional Funds for Planning and Implementing Green Community Projects

❖ Green Municipal funds are not considered Federal funding \$\$

Provincial, Federal, and other programs can be leveraged to support the community's 50% required matching funds



# Manitoba Examples

- Green Building Policy
- Sustainable Development Act
- Water Protection Act
- Planning Act



## Alternative fuels

- Bio Diesel
- Ethanol



## Alternative energy

- Wind,
- Gas Capture,
- Geothermal heating and cooling



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# Green Manitoba

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# Thank you!!!

[www.greenmanitoba.ca](http://www.greenmanitoba.ca)

The screenshot shows a web browser window displaying the Green Manitoba website. The browser's address bar shows the URL: [http://www.greenmanitoba.ca/cim/1001C11\\_1T119T780T3T123T12T752T13T757.dhtm](http://www.greenmanitoba.ca/cim/1001C11_1T119T780T3T123T12T752T13T757.dhtm). The website header features the Green Manitoba logo and navigation tabs for HOME, WASTE, ENERGY, WATER, and LIBRARY. A left sidebar contains links for NEWS, ABOUT, EVENTS, SEARCH, and CONTACT. The main content area is titled "Government" and includes three sections: "Reducing Waste", "Conserving Energy", and "Conserving Water".

**Reducing Waste**

- [The Manitoba Association of Regional Recyclers \(MARR\)](#) acts to support communities in reaching their waste reduction goals.
- Manitoba's Auditor general has released a report on the [Province's Management of Contaminated Sites and Landfills](#).
- The [Canadian Council of Ministers of the Environment](#) has a wide array of ongoing work, including waste management and water conservation strategies.

**Conserving Energy**

- Homes, businesses, and municipalities can engage [Manitoba Hydro's Power Smart programs](#) and incentives.
- All levels of government in Canada can take advantage of Natural Resources Canada's [Energy conservation Resources](#) to make government buildings more energy efficient.

**Conserving Water**

- The [City of Winnipeg's Water and Waste Department](#) contains useful resources.
- The [Manitoba's Water Stewardship Fund](#) provides...

**Context**

- HOUSEHOLDS
- BUSINESS & INDUSTRY
- TEACHERS & STUDENTS
- GOVERNMENT** (highlighted with a red circle)

**Documents**

- [Big Ideas for Small Communities: Workshop offered on January 31, 2008](#)
- [Association of Manitoba Municipalities Annual Convention and Workshop](#)