



# City of Grand Forks Sustainability Program Update For North Dakota Alliance for Renewable Energy

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# What is Sustainability to Grand Forks?

## Mission Statement

- ∞ To encourage sustainability through leadership and partnership.

## Vision Statement

- ∞ All local government activities and actions will be guided by basic sustainability criteria
- ∞ Sustainability options and opportunities will be available to all sectors of the community
- ∞ New Green Industries/Businesses will be located in Grand Forks
- ∞ Per capita GHG emissions will be inventoried regularly and reduced incrementally.
- ∞ New neighborhoods will combine residential, shopping, green space and transportation options.
- ∞ Improved transportation infrastructure throughout the City
- ∞ Education, arts, and civic engagement will thrive and grow



# Key Activities/Accomplishments

- ∞ Green Team established
- ∞ Greenhouse Gas Inventory for City government completed for baseline year of 2007
- ∞ Green3 Action Plan Published
- ∞ Energy Efficiency and Conservation Block Grant (EECBG) awarded – multiple activities completed
- ∞ EECBG residential EE program implemented
- ∞ Energy audits of City-owned buildings completed
- ∞ Energy efficiency (EE) workshops held in multiple communities around ND with funding from the ND State Energy Program
- ∞ Building EE effort initiated and ongoing



# People — Place — Prosperity

Sustainability Areas	Potential Impact Areas		
	Economic/Prosperity	Social/People	Environmental/Place
Buildings & Facilities	X		X
Transportation	X	X	X
Economic Development	X	X	
Waste Reduction & Recycling	X		X
Community Engagement		X	
Healthy Living	X	X	X
Land Use	X	X	X
Water Use & Quality	X	X	X
Climate Change Resiliency	X		X



# Energy Efficiency in Grand Forks

## Residential Energy Efficiency

- ∞ Grand Forks Energy Alliance – EECBG Activity - Low interest loans for homeowners in Grand Forks County
- ∞ 401(e) – Continuing program through Red River Valley Community Action
- ∞ Adoption of the 2009 Energy Code as of January 2011
  - Single family homes meeting current code = ~10%
    - Approximately 4% from new construction
    - Estimated ~6% from energy efficiency upgrades.



# Energy Efficiency in Grand Forks

## City Building Energy Efficiency

- ∞ Energy audits – Grand Forks opted did not invest in an energy savings performance contract
- ∞ Lighting upgrades
  - LED traffic signals
  - LED street lights
  - Multiple buildings
- ∞ Combined lighting and HVAC upgrade for Central Fire Station – State Energy Conservation Grant funding – in progress



# Energy Efficiency in Grand Forks

## Other Building Energy Efficiency

- ∞ Currently building partners
- ∞ LEED Buildings – Since 2009
  - Grand Forks International Airport Terminal
  - ICON AE2S Office Building
  - UND Education Building Renovation Addition
  - UND Gorecki Alumni Center
  - Black Gold Headquarters – not yet certified



# Energy Efficiency in Grand Forks

## Other Sustainability Focus Areas

### ∞ Transportation

- Bronze Award for Bike Friendly City
- Increasing Bike Routes
- Improving Transit Routes
- Decreasing Vehicle Hours Travelled Per Capita

### ∞ Waste Management

- Increasing Diversion of Waste from Landfill
- Completed Waste Audit
- Working to Increase Residential Recycling

### ∞ Greenhouse Gas Emissions Inventory Update Available in 2015





# Energy Efficiency in Grand Forks

## What's Next for Grand Forks

### ∞ A Sustainability Strategy and Action Plan

- Overarching Goals
- Specific Targets
- Specific Actions
- Indicators

### ∞ 2014 Annual Report



# Energy Efficiency in Grand Forks

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