

# **Greenhouse Gas Emission Reduction Legislation in Minnesota & Beyond**

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# Minnesota

- **In December 2006, Governor Tim Pawlenty announced the state's Next Generation Energy Initiative**
- **In May 2007, Governor Pawlenty signed the Next Generation Energy Act into law.**

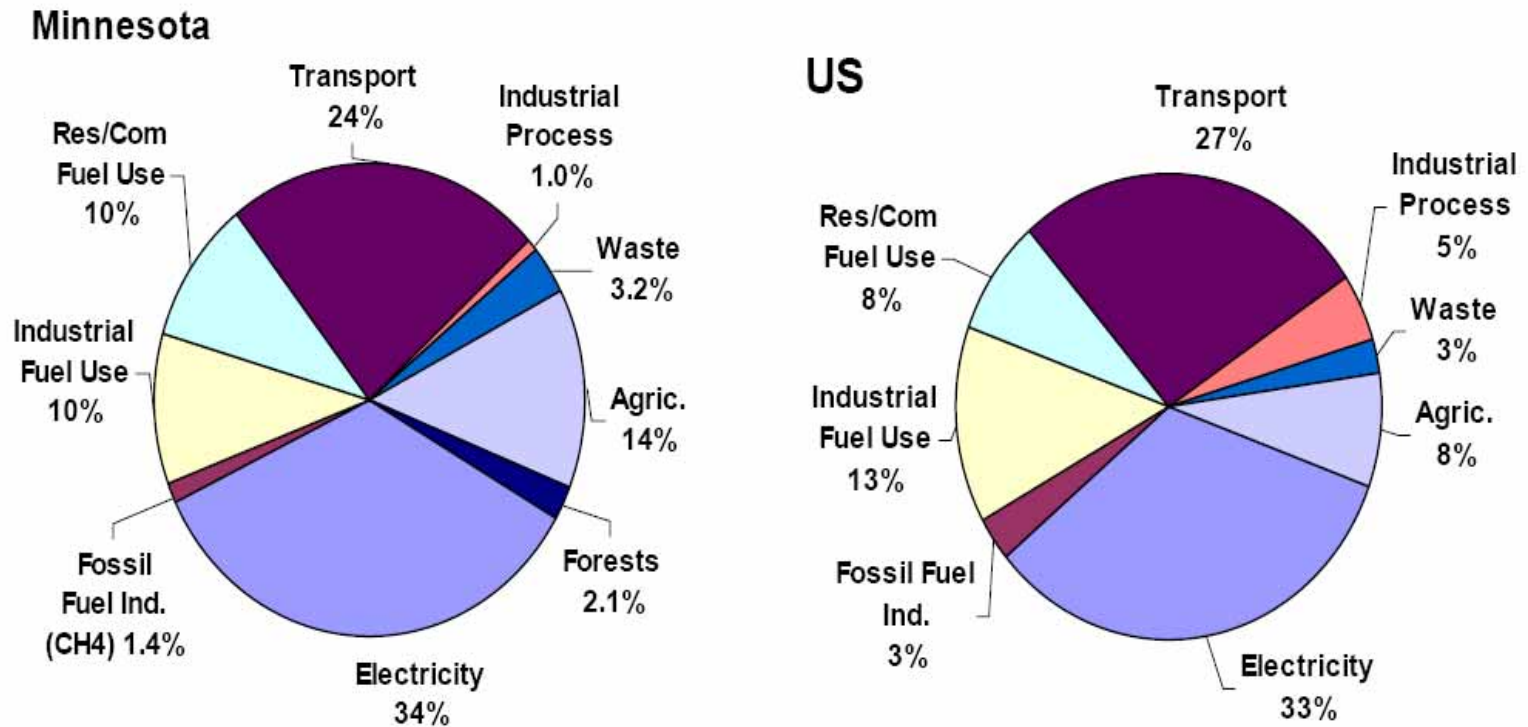
# Minnesota

- **The NextGen Energy Act:**
  - **Established 25x25**
  - **E-85 pump funding**
  - **Promotes development of cellulosic ethanol**
  - **Reduces Minnesota's fossil fuel usage**

# Minnesota

- **Reduces Carbon Emissions**
  - **Established GHG emission reduction goals across all sectors**
    - **15% below 2005 levels by 2015**
    - **30% below 2005 levels by 2025**
    - **80% below 2005 levels by 2050**
  - **Established a stakeholder process**

Figure EX-2. Gross GHG emissions by sector, 2005: Minnesota and U.S.



Note: At a national level, forests act as a net sink of CO<sub>2</sub>; therefore, they do not show up in the above graph of gross U.S. emissions sources.

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# **MCCAG** (Minnesota Climate Change Advisory Group)

- **100 Minnesotans participated in the process**
- **Six technical working groups**
- **MCCAG recommended 46 policy actions**

# **MCCAG** (Minnesota Climate Change Advisory Group)

- **Recommendations affecting agriculture:**
  - **Low carbon fuel standard**
  - **Adoption of California Clean Car Standards**
  - **Agriculture crop management**
  - **Land use management**
  - **Biofuels production**
  - **Expanded use of biomass feedstocks**
  - **Forest protection**
  - **Cap and trade**

# Midwest Greenhouse Gas Accord

- On November 15, 2007, seven states and provinces signed the accord

*Illinois, Iowa, Kansas, Manitoba,  
Michigan, Minnesota, Wisconsin*

- Established a Greenhouse Gas Reduction Program to reduced GHG emissions

# Midwest Greenhouse Gas Accord

- **GHG Reduction Program Will:**
  - **Establish GHG reduction targets and timeframe**
  - **Develop a market-based and multi-sector cap and trade program**
  - **Join The Climate Registry**
  - **Other efforts may include a low carbon fuel standard**

# Legislation In MN-2009 Session

- CA Clean Car Standard
- Low Carbon Fuel Standard

# Federal

- **Congress**
  - **U.S. House**
  - **U.S. Senate**
- **EPA**

# Agriculture's Role

- **Biofuels**
- **Terrestrial Carbon Sequestration**
- **Wind Energy**
- **Methane Capture**
- **Forestry**
- **?????**

# **Thank You!**

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