

# Climate Change

## Opportunity or Obstacle for Industry?

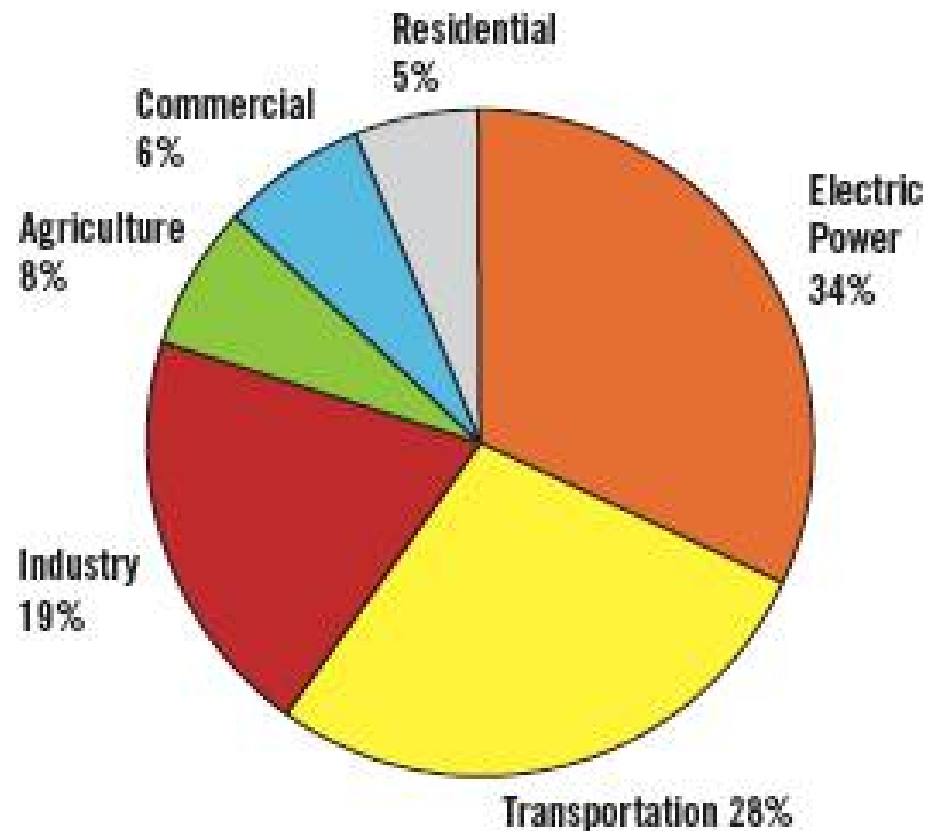
Daniel Emmett  
Innovo Energy Solutions Group LLC

Roofing Industry Alliance for Progress  
April 24, 2009  
Irving, Texas



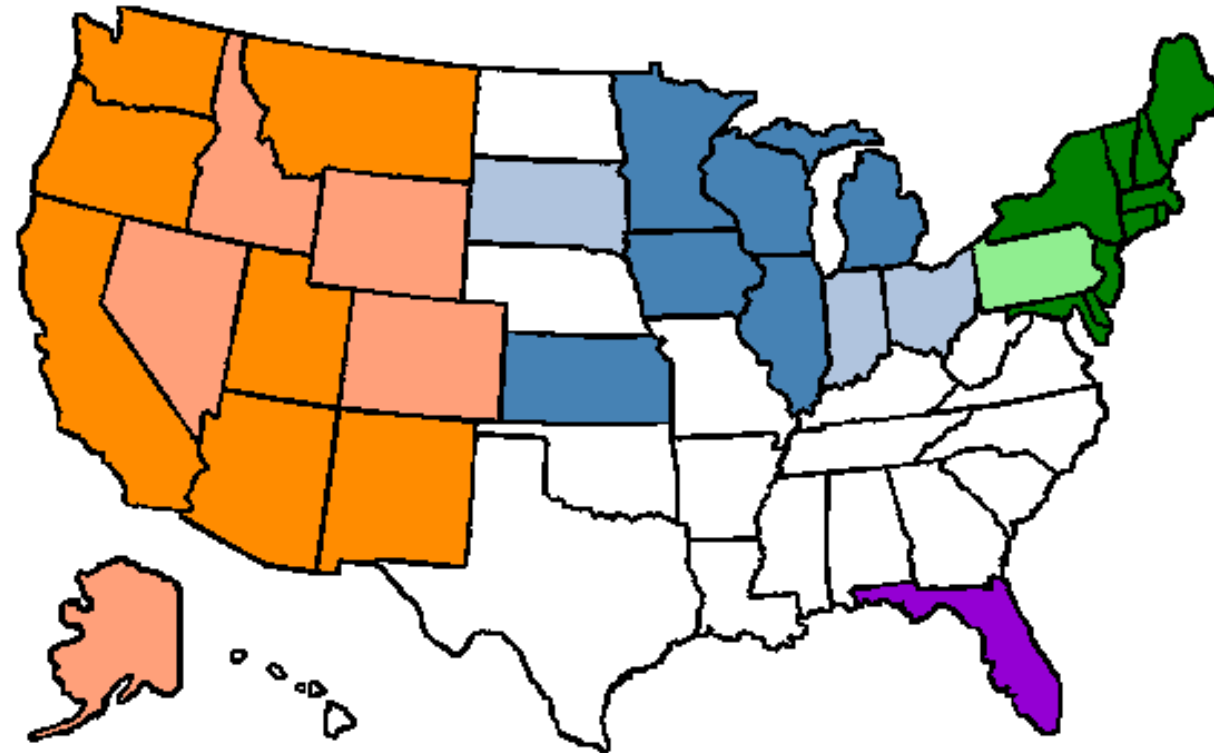
## 2006 U.S. Greenhouse Gas Emissions

by Sector (Million Metric Tons CO<sub>2</sub> Equivalent)



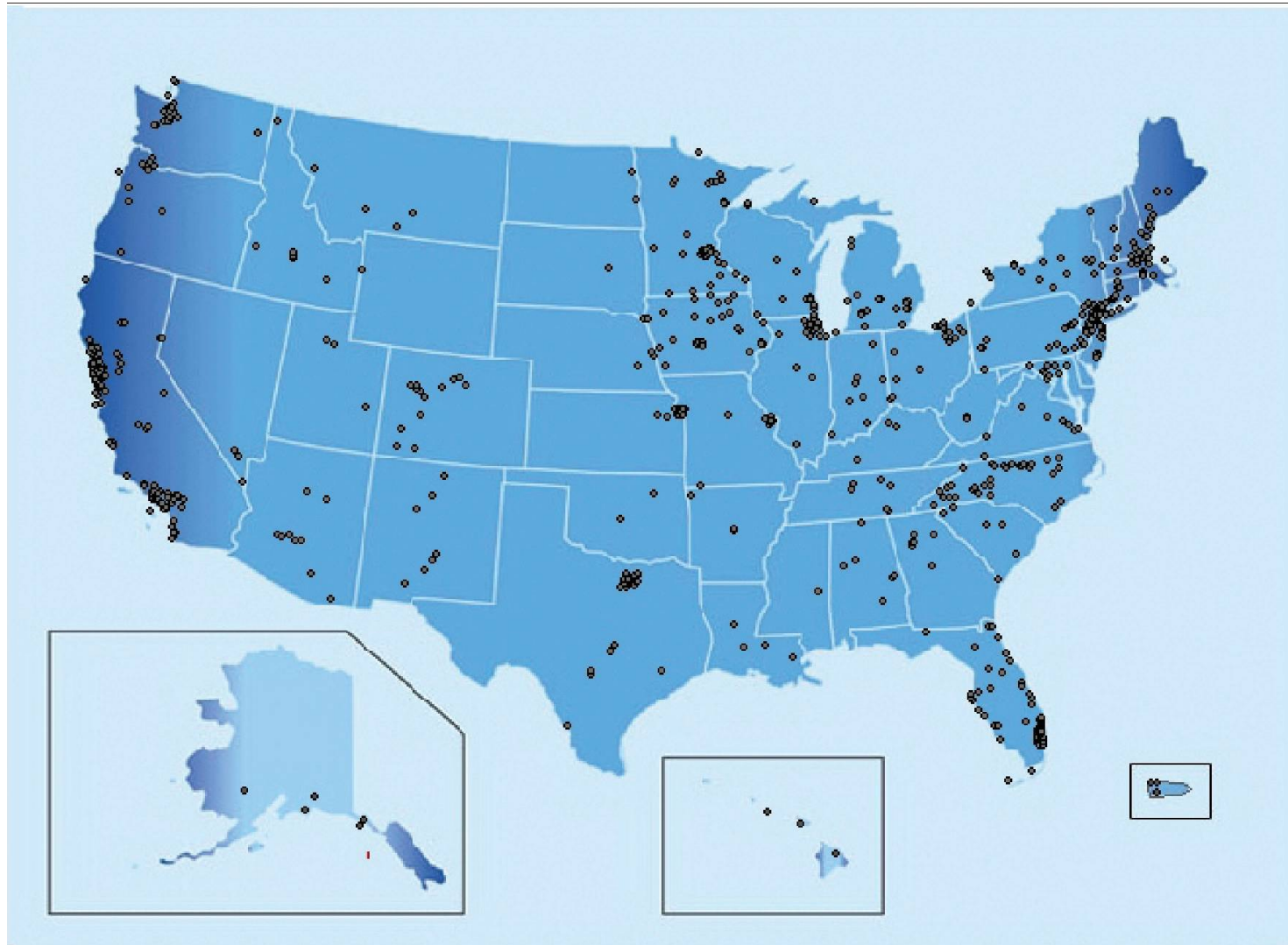
**SOURCE:** U.S. EPA, 2008. *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2006.*

# Regional Climate Initiatives



- Regional Greenhouse Gas Initiative RGGI
- RGGI Observer
- Midwest GHG Reduction Accord
- MGGRA Observer
- Western Climate Initiative
- Western Climate Initiative Observer
- Individual State Cap-and-Trade Program

Source: Pew Center on Global Climate Change



Mayors of 884 cities have signed the U.S. Mayors Climate Protection Agreement as of September 2008. Source: <http://www.seattle.gov/Mayor/Climate/>

# Living Roofs



# Cool Roofs



# Materials



# Integrated Solar



# Building Mounted Wind

