

# The Green Revolution: Benefits of Green Building

Office of University Partnerships

National Conference

April 20, 2010



# Kyoto Protocol

- International agreement linked to United Nations Framework Convention on Climate Change
- Sets Greenhouse Gas (GHG) targets based on 1990 emission levels

# City of Winston-Salem Plan

- Reduce Greenhouse Gas Emissions (GHG) to 93% of 1990 emission levels by 2012.
- 10 million tons to 7 million tons
- Address main sources of emissions:
  - Commercial buildings
  - Residential buildings
  - Vehicles

# City of Winston-Salem Plan

- Reduce fuel usage
- Reduce electricity usage
- Increase recycling
- Establish Sustainability Committee
- Hire City Sustainability Manager
- Establish Sustainability Resource Center

# WSSU Plan

- Adopted in 2009
- Action Steps
  - Reduce and track fuel usage
  - Reduce and track electricity usage
  - Increase recycling
  - Weatherization

# The Enterprise Center



# The Enterprise Center



# Helpful Websites

- [www.dsireusa.org](http://www.dsireusa.org)
  - Database of incentives for energy efficiency
- [www.usgbc.org](http://www.usgbc.org)
  - Green building standards and rating systems