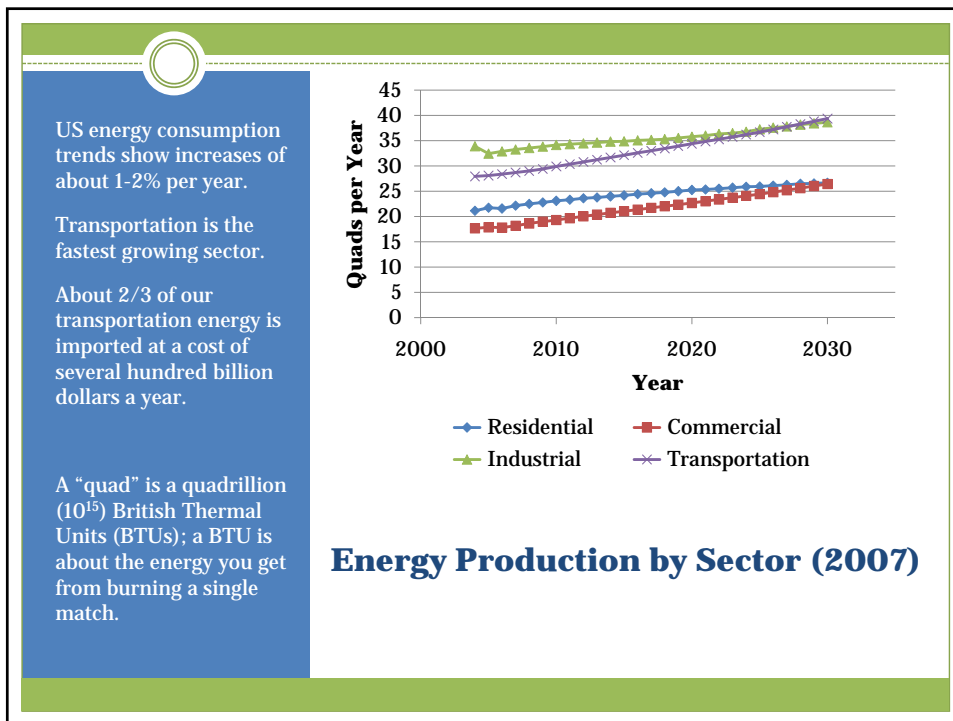
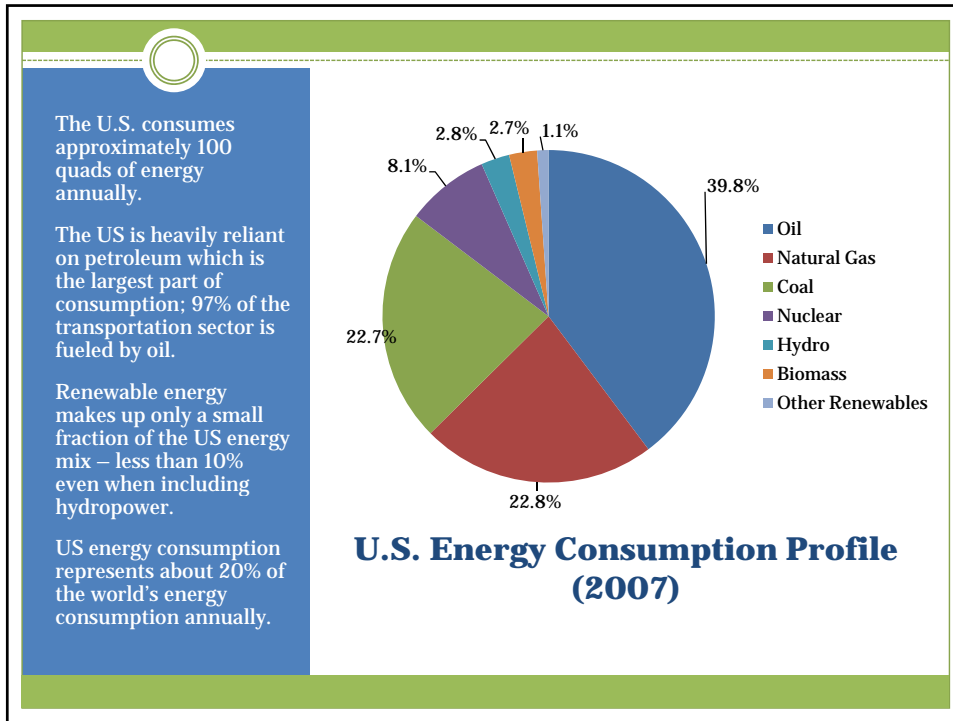


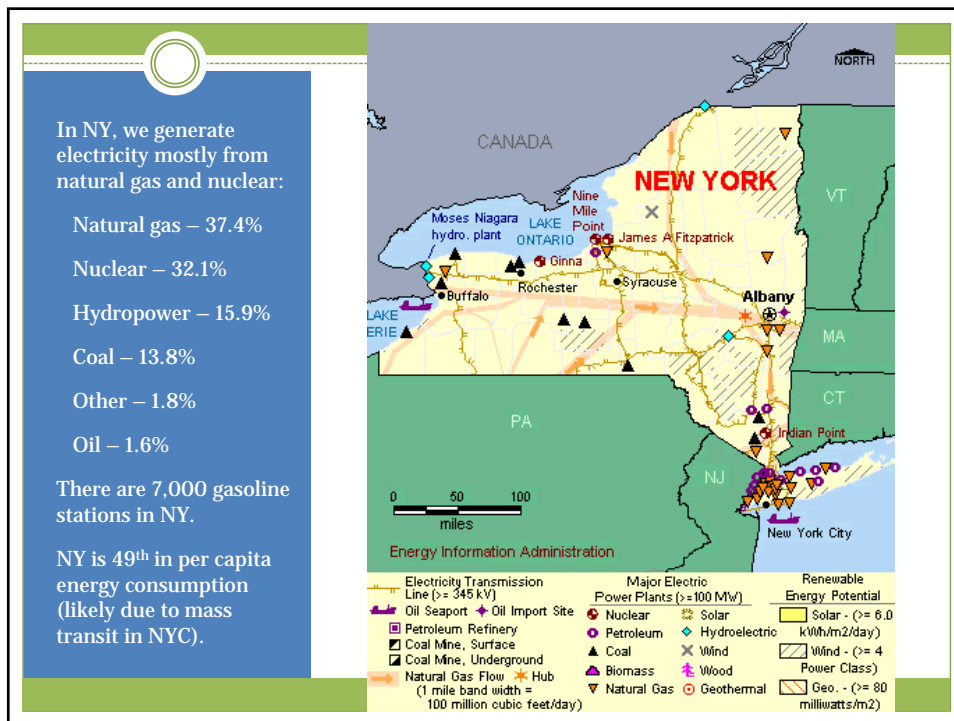
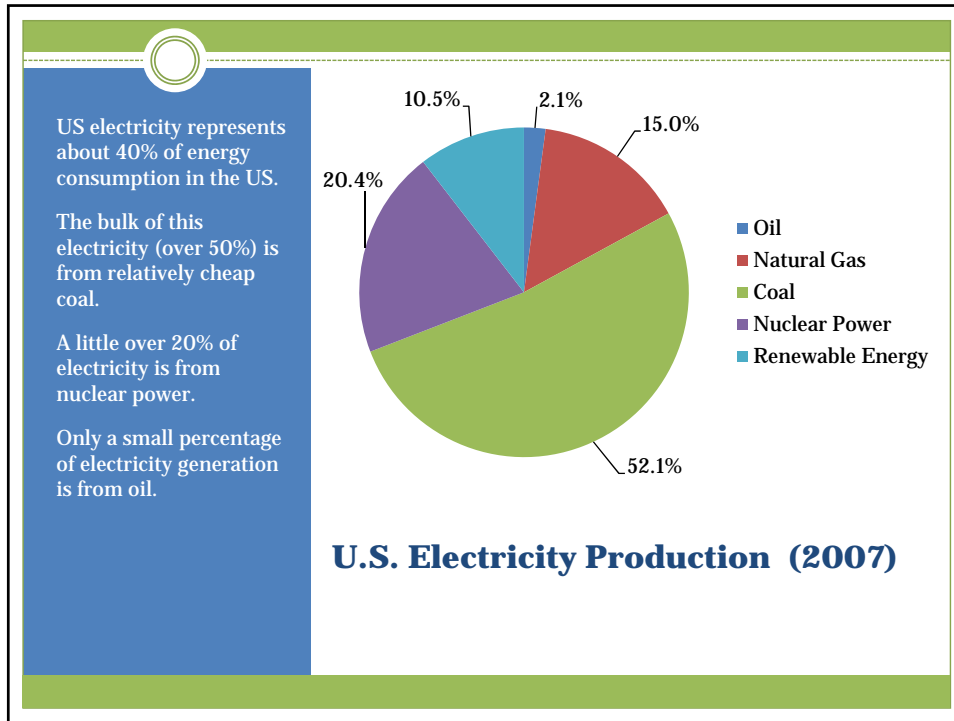
# Energy for a Cooler Planet

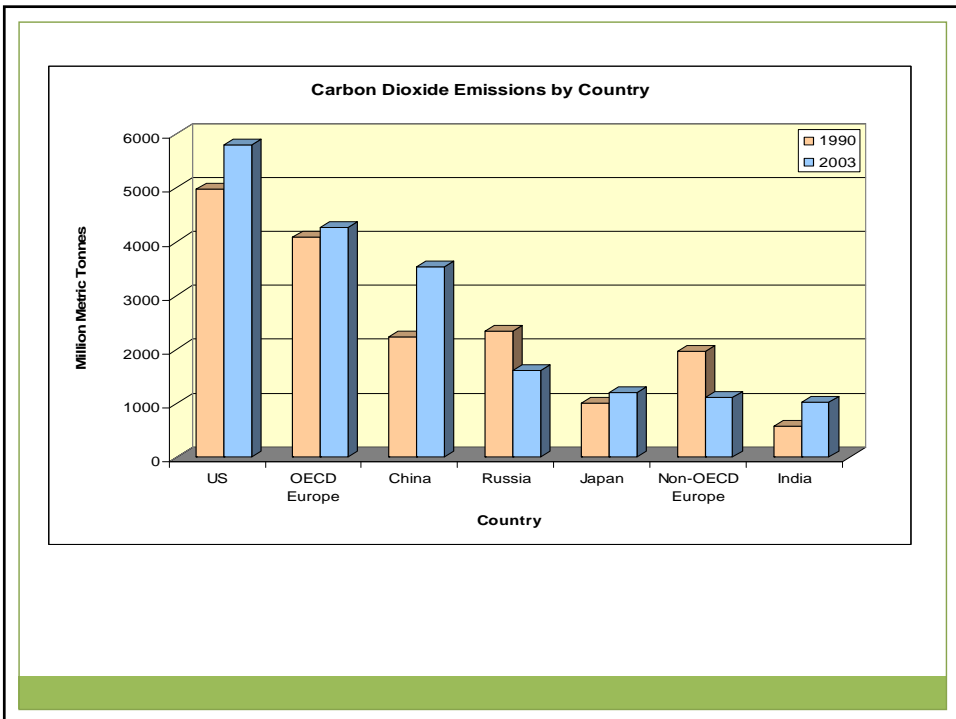
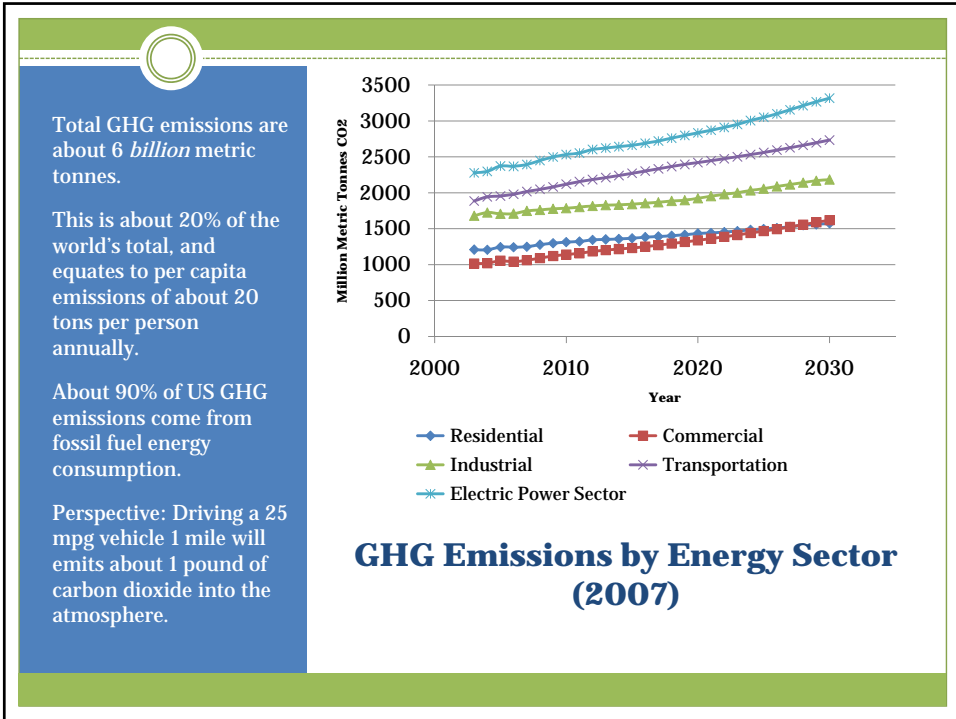


**JAMES WINEBRAKE, PHD.**  
**14 FEBRUARY 2008**









## Low Carbon Energy Alternatives

- **Transportation**
  - Alternative fuels
  - More efficient vehicles
  - Low carbon fuel
- **Electricity**
  - Solar power
  - Wind power
  - Geothermal power
  - Hydropower
  - Biomass
- **Residential**
  - Efficient appliances
  - Conservation
  - Energy “smart” homes
- **Commercial/Industrial**
  - Energy efficient lighting
  - Efficient equipment
  - Use of energy alternatives

## Policy Responses for Clean Energy

- **What is the cost of climate change and is this cost incorporated into markets?**
- **Policy mechanisms**
  - Low carbon fuel standard (transportation)
  - Regional GHG Initiative (RGGI) (electric utilities)
  - Renewable Portfolio Standard (electric utilities)
  - Biofuel mandates (transportation)
  - Efficiency standards (residential, commercial)

Questions and Discussion

The slide features a blue header bar at the top with the text "Questions and Discussion" in white. Below the header is a white body area, and at the bottom is a green footer bar. A decorative horizontal line with a small circle in the center separates the header from the body.