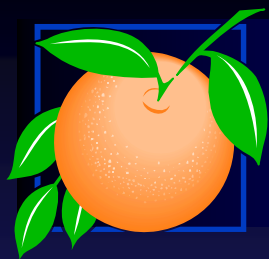


“Orange to Green”

Orange County’s Climate Change Initiative

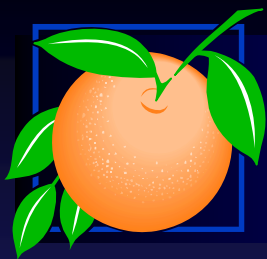


Background

September 2005 Goals:

- Reduce petroleum fuel consumption by 20% over 5 years
- Reduce our use of electricity in county owned buildings
 - New construction meet Green Building standard
 - Join USGBC and FGBC
 - Investigate solar, biodiesel and electronic technology to minimize travel
- Register to become Florida Green Local Government in 3 years

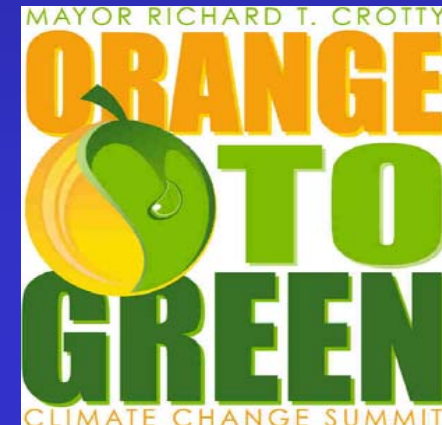


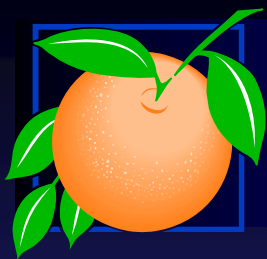


Background

2007 Goals:

- **Join ICLEI- Local Governments for Sustainability**
 - July 2007
- **Climate Change Summit**
 - September 2007
 - Announced targets and goals (Climate Change Plan)

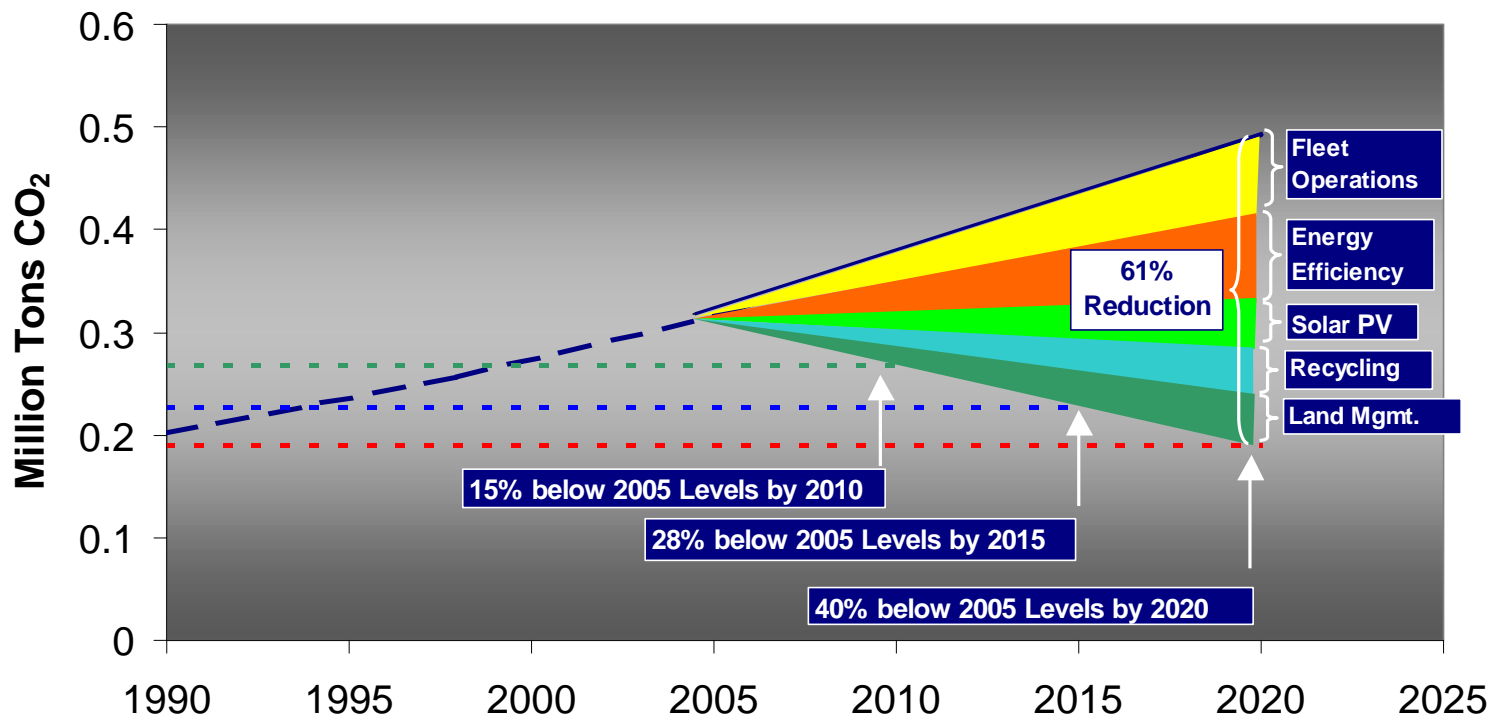




Targets

Greenhouse Gas Emissions Orange County Government

(Updated: 12/04/2007)

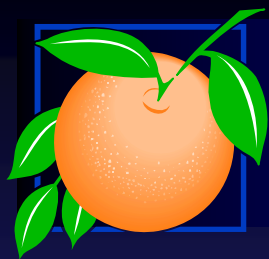




Set up Goals

Climate Change Implementation Plan

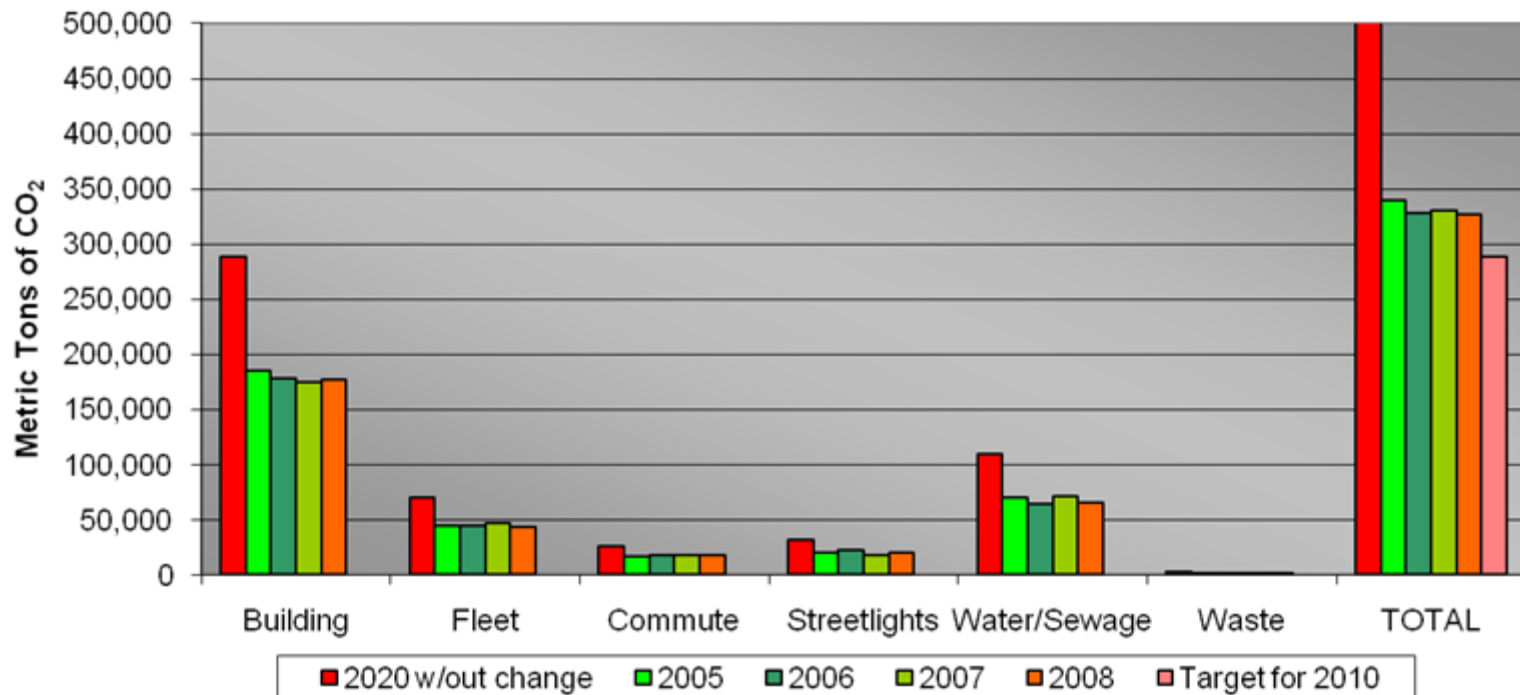
- **Establish & Implement a County Renewable Energy Initiative**
- **Green Procurement**
- **Greenhouse Gas Mitigation**
- **Education**
- **Recycling, Methane Recovery & Biogas Energy**
- **Green Transportation**
- **Green Buildings**
- **Partnerships**

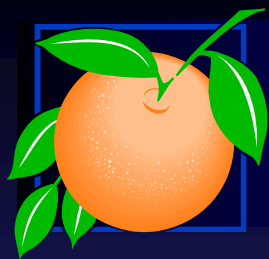


Inventory Update

Results in Tons Per Year (TPY) of CO₂ Equivalent

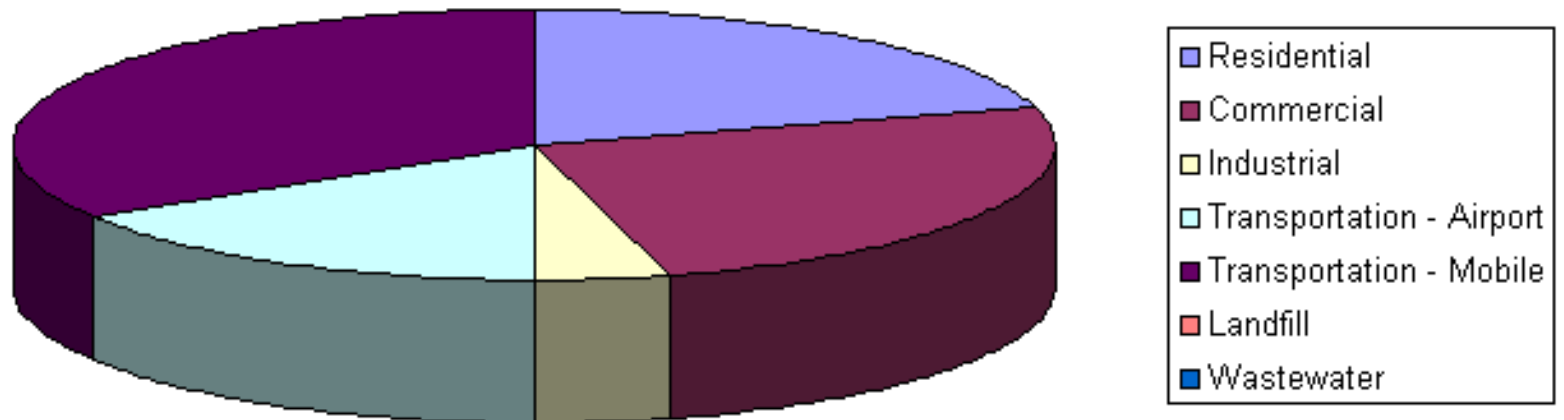
Orange County Government Greenhouse Gas Emissions

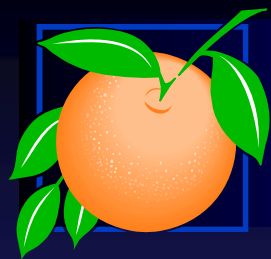




Inventory Update

Orange County Greenhouse Gas Emissions
2005 Community





EECBG Project Budgets

Energy Efficiency in County Buildings

\$3,000,000

7(A). County Wide Energy Efficiency Upgrades

7(B). Energy Management Systems

8. Convention Center Lighting Upgrade

Capture of Methane

\$500,000

9. Renewable Energy at S. Water Reclamation

Administrative Costs

\$750,000

Administration



“Orange to Green”

Orange County’s Climate Change Initiative

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Orange County Environmental Protection Division

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