

Green Works Orlando

Workshop

April 27, 2009



MAYOR DYER'S
GREEN INITIATIVE

City's Sustainability Team

- Includes Employees From All City Departments:
 - Business & Financial Services
 - Executive Offices
 - Economic Development
 - Families, Parks and Recreation
 - Housing & Community Development
 - Orlando Fire Department
 - Orlando Police Department
 - Orlando Venues
 - Public Works (Solid Waste, Wastewater, Stormwater)
 - Transportation



City's Sustainability Team

Highlights

- Built 5 LEED Fire stations
- Built 1st LEED Platinum Affordable Home in the State of Florida
- Mayor Received USGBC LEEDer Award
- Joined Florida Green Building Coalition
- Accredited 10 staff- LEED AP's

Highlights

- Recruited 60 businesses for Green Works BUSINESS Program
- Launched Green Works LIFE at “Go Green on Halloween”
- [Green Works LIFE pledge](#)



Highlights

- Participated in Earth Hour
- Contracted with Ameresco an Energy Service Company to Review City Facilities
- Awarded \$2.6 Million Energy Efficiency & Conservation Block Grant) by the Department of Energy

Highlights

- Selected as one of 12 Solar American Cities by the U.S. Department of Energy (DOE)
- Completed Updates for Power Default Settings



Green Works Orlando “Pillars”

- Energy Efficiencies and Green Buildings
- Transportation
- Sustainable Infrastructure and Conservation
- Green Spaces
- Advocacy and Education



Energy Efficiencies and Green Buildings

- ICLEI and GHG(Green House Gas) Baseline Update
- Energy Conservation at City facilities
- Solar
- LEED and Green Buildings
- Super Critical Water Oxidation

Energy Efficiencies and Green Buildings

- **LDC and GMP to Include:**
 - Incentives for natural and water conserving landscaping in new landscape ordinance
 - Green roof credits toward landscaping reg.'s
 - Other residential and commercial development elements that encourage conservation. (on-site power, water and natural resources)
 - Simplified point system provides options for development

Transportation

- Fleet – Transitioned 34% of City's vehicles to bio-diesel, flex-fuel and hybrid. As a result, GHG emissions have been reduced by approximately 3,448,000 pounds of CO2 or the equivalent of the electricity for 216 homes for one year.



Transportation

- LED Bulb Replacement
 - Signals, Flashers & Signs
 - Over \$25,000 /Mth Savings
- Two Wheeled Parking
 - March 2009
 - Central Bv
- LYMMO Bus Replacement
 - Hybrid Technology



Transportation

- Got Bike Events
 - Safety Awareness
 - Alternative Transportation
- Car Sharing
 - FDOT Partnership
 - 2011 Roll-out Commuter Rail



Sustainable Infrastructure and Conservation

- City Hall Single Stream Recycling
- Downtown Recycling Pilot
 - Testing a cart based recycling program
- Single Cart Recycling
 - City-wide Implementation will double the type of materials residents can recycle

Sustainable Infrastructure and Conservation

- Advocate & Train Businesses on the Benefits of Recycling and Waste Reduction
- High Rise Recycling Pilot
 - Added CNL towers to Single Stream Recycling program
- Natural Gas Powered Garbage Truck
 - Purchase a CNG powered garbage truck to replace the next scheduled truck

Green Spaces

- Programs and Initiatives
 - Parks and open spaces
 - 10,000 Trees Initiative
 - Tree planting programs
 - Green Up Orlando
 - Tree Protection Code & Landscape Development Code



Advocacy and Education

- Green Works BUSINESS
- Green Works LIFE
- Green Tips

Advocacy and Education

- Web Site Updates
- Education of Citizens

Green Works in the Community

- Downtown Businesses
- Home Builders Association
- Neighborhood Associations
- Green Panel Discussions
- Community Green Events
- Mayor's Neighborhood & Community Summit

Legislative Updates

- Federal
 - EPA
 - Waxman-Markey Climate Bill
- State
 - Recycling 2010 – Florida DEP
 - Cap & Trade
 - Energy Efficiency / Building Code

Upcoming

- Central Florida Earth Day – May 2nd
- Green Fest – May 17th – Baldwin Park
- Green Cities Conference – May 19-21st
- Green Works BUSINESS Certification
- Climate Action Plan – Fall 2009
- Energy Efficiency & Conservation Block Grant

Upcoming

- Documentary of Building a Green Affordable Home
- New Affordable Green Projects
- Sustainable Commuter of the Month
 - » VAN POOL – LYNX
- Energy Challenge/Efficiency- EPA Energy Star
- Green/Carbon Offset Fund

Questions?



www.cityoforlando.net/greenworks