

Investing in Sustainability

Jacksonville's Energy Efficiency and Conservation Block Grant

2011 Environmental Symposium
Ben Moore



RS&H
IMPROVING YOUR WORLD



Energy Efficiency & Conservation Block Grant



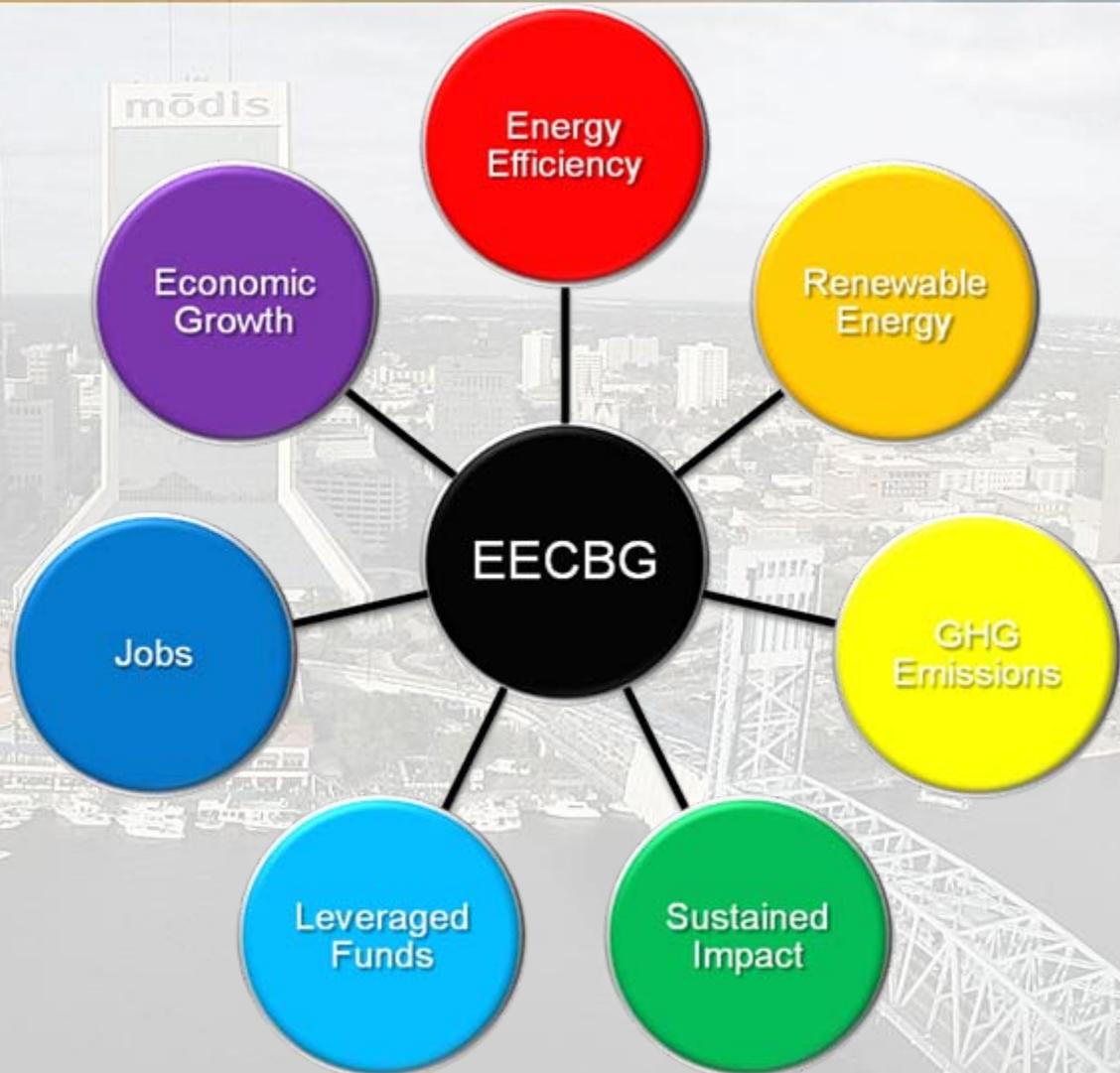
**Mar '09:
Awarded \$7.89M**

**Dec '09: Submit
Strategy**

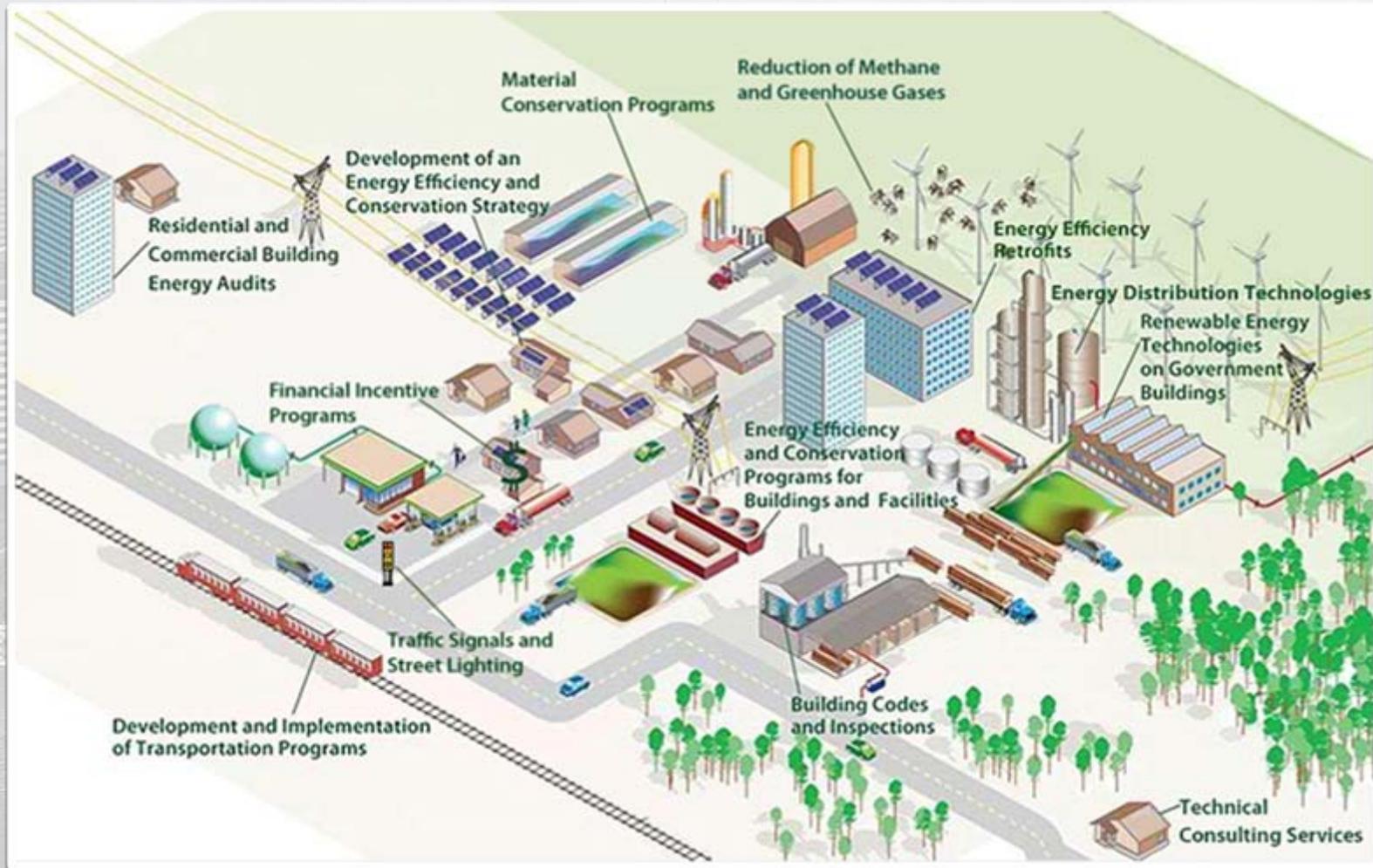
**Spring '10:
Strategy Approval**

**Summer '10 – '12:
Implementation**

**Jul '12:
Expend all funds**



EECBG Program Eligible Activities



Framework



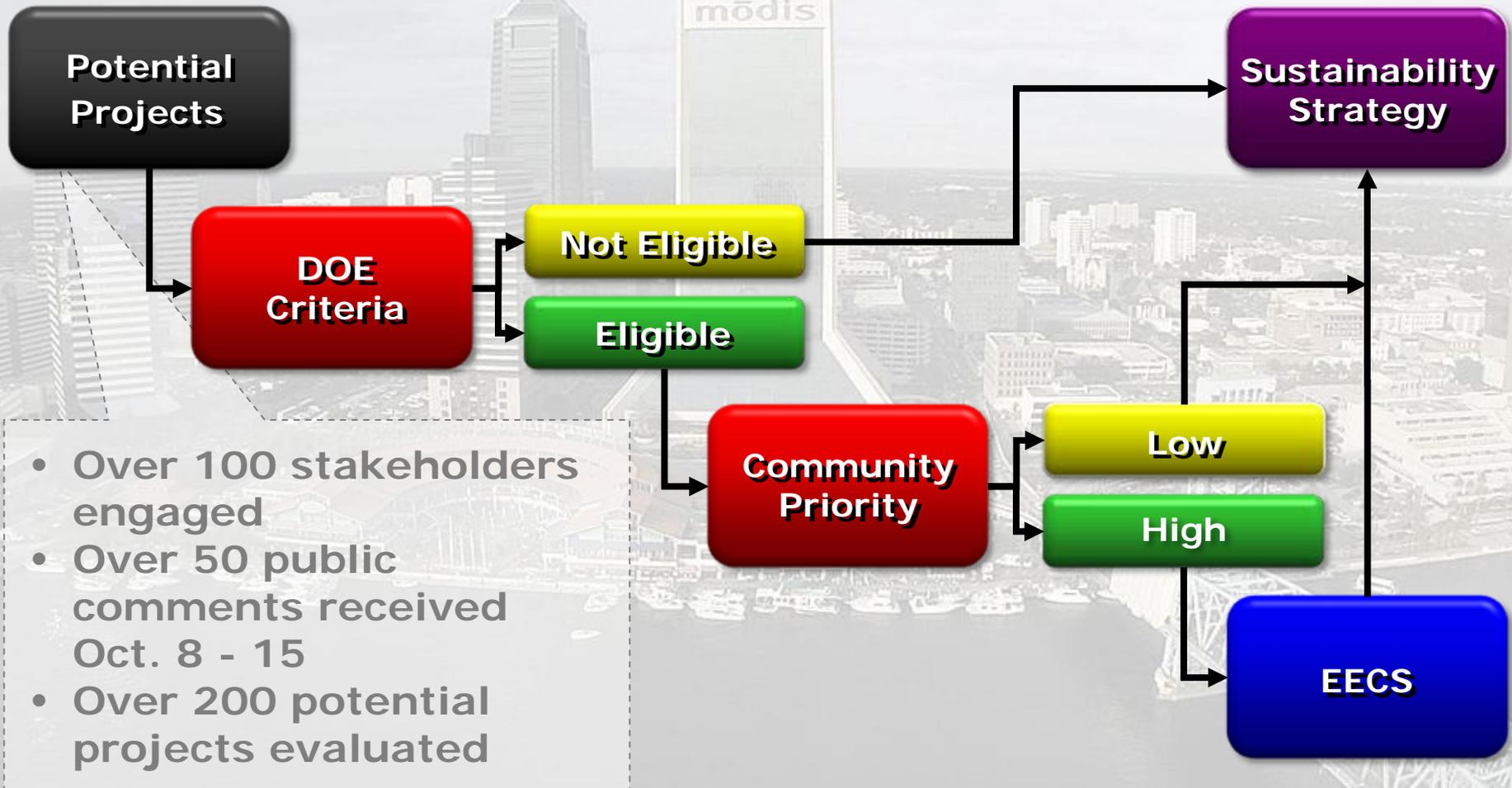
**Jacksonville's
Sustainability
Strategy**

**Jacksonville's
Energy
Efficiency &
Conservation
Strategy**





Planning Process



Activities



Select Activities



Facility Retrofits

Facility Audits

Energy audits and retrofits at 39 local government facilities





Select Activities



Solar
Parking
Meters...



Plug-in
hybrid
electric
cars

Hybrid
electric
vehicles



...in the
DT Core



Select Activities

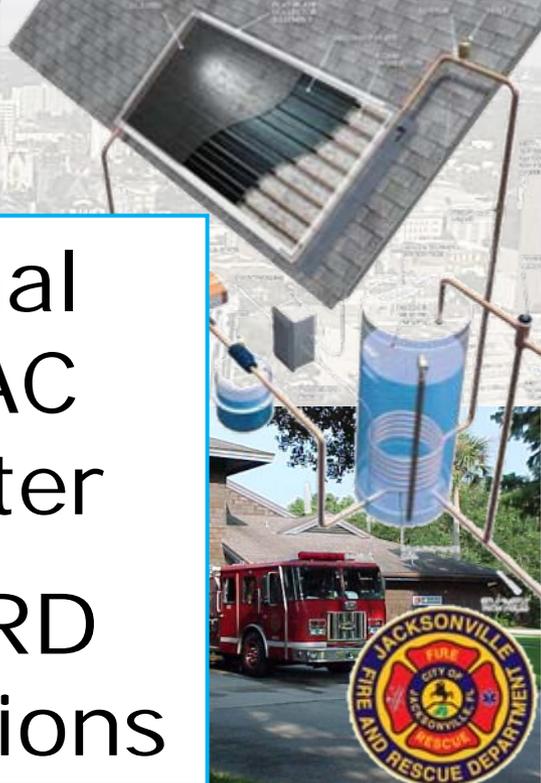


Clean Energy
Demonstration
Projects



Solar PV and Geothermal
(Hawthorne Layer) HVAC
at Tree Hill Nature Center

Solar Thermal at 25 JFRD
Neighborhood Fire Stations



Select Activities



Energy Efficiency Incentives

\$1,000 rebate for solar water heaters from the City of Jacksonville

Home | News | About JEA | Report a Service Problem | Storm Center | Pay Bill | Careers | Public Notices | Contact Us

JEA For Our Environment

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Environmental Initiatives
Conservation Center
Home
Business
Savings Fact Sheets
Business Energy Upgrades
Solar Energy
Incentive Details
Net Metering Policy
Conservation Training Calendar
Other Resources
Green Built Homes of Florida
Green Built Homes of Florida
Tools and Tips
Education

My Account Login
View your account, pay bills and use the online energy audit!
Username and Password are case sensitive.
Username
Password
Login
Not Registered?

Home > For Our Environment > Conservation Center > Business > Solar Energy > Incentive Details

JEA's Solar Incentive Program

Incentive Details

JEA is not involved in pricing solar energy systems; this is determined by the customer and solar vendor. However, the table below summarizes the incentives for each particular solar installation. The customer has to work out financing and/or payment with the solar vendor he selects.

JEA Solar Power Incentives

Solar Thermal	
Residential Hot Water ¹	\$800 per installation from JEA plus \$1,000 per installation from The City of Jacksonville ³
Commercial Hot Water	30% of total installed cost (\$5,000 max)

(\$5,000 maximum incentive per project)²

1. Medium temperature collector.
2. JEA reserves the right to limit funds for this program. This maximum may be waived by JEA based on business conditions, availability of funds, and projected residual funds required to fund the Program for the balance of the year. This potential waiver does not guarantee that 100% of the incentive (above \$5,000) will be available.
3. When JEA customers purchase qualified solar water heaters through the **ShopSmart with JEA program**, they will receive both rebates; the City of



Projected EECS Results and Allocation

Jobs  **125**

Jobs

Energy saved  **139**

Billion BTU

Greenhouse gases avoided  **37**

Thousand metric tons CO₂e

Renewable Energy Generated  **13**

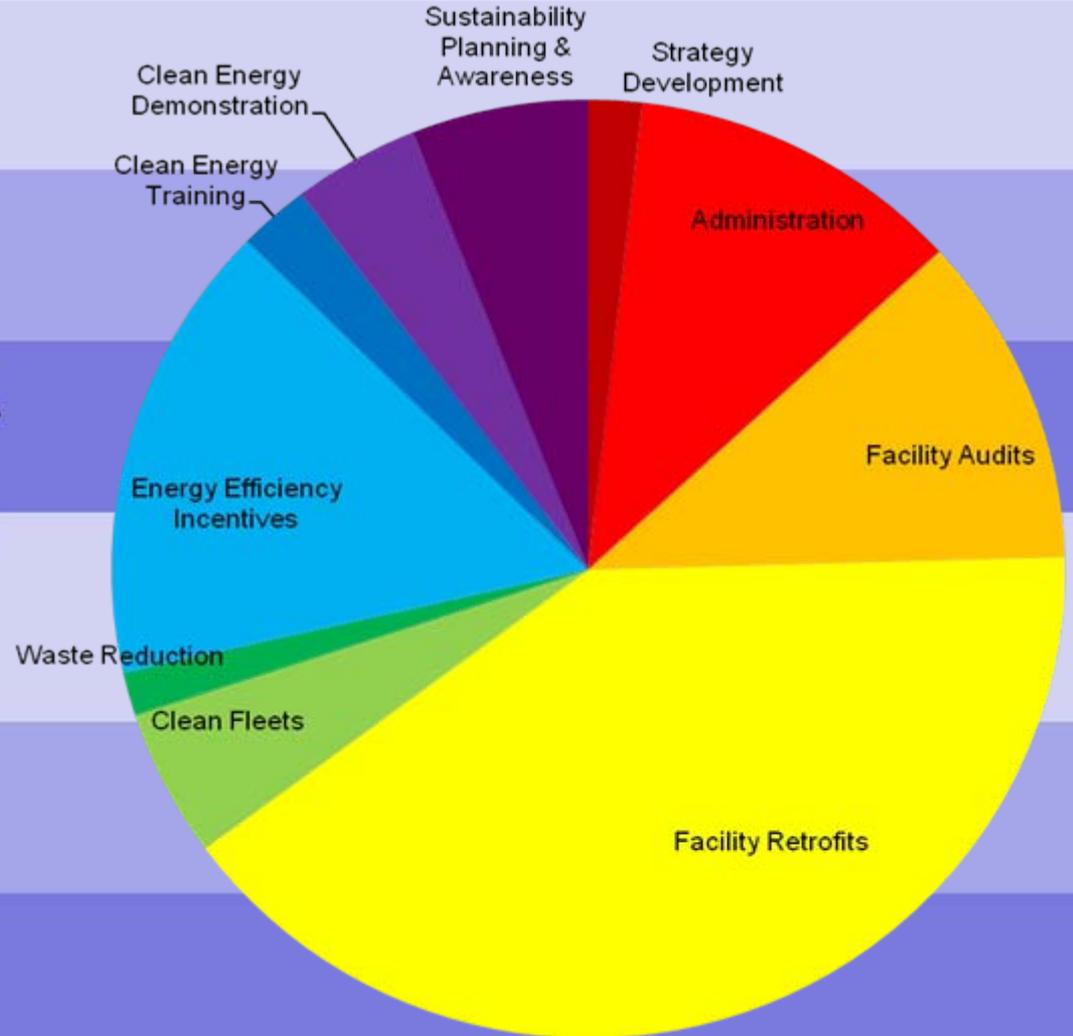
Megawatt hours

Funds Leveraged  **3.7**

Million dollars

Payback Period  **2.4**

Years





EECS Impact on Jacksonville's Footprint

CO2 Savings equivalent to:

86,842

barrels of oil, or



4,238,593

gallons of gasoline, or



Annual use of

6,839

cars, or



Annual electricity use of

5,179

homes, or



Planting

957,487

trees, or



1,555,917

barbeque propane tanks.*

