

**CLIMATE ACTION  
SURVEY RESULTS  
FOR PROGRESS REPORT**

**Air and Climate Public Advisory Committee**

**March 14, 2011**



# WHY HAVE AN ANNUAL PROGRESS REPORT?

National Capital Region Climate Change Report Adopted  
November 12, 2008 states that COG will

- *“Prepare an annual progress report to the COG Board of Directors on implementation progress for COG’s Climate Change Initiative.”*

2010-2012 Regional Climate and Energy Action Workplan  
Adopted by CEEPC January 27, 2010 states that in 2010:

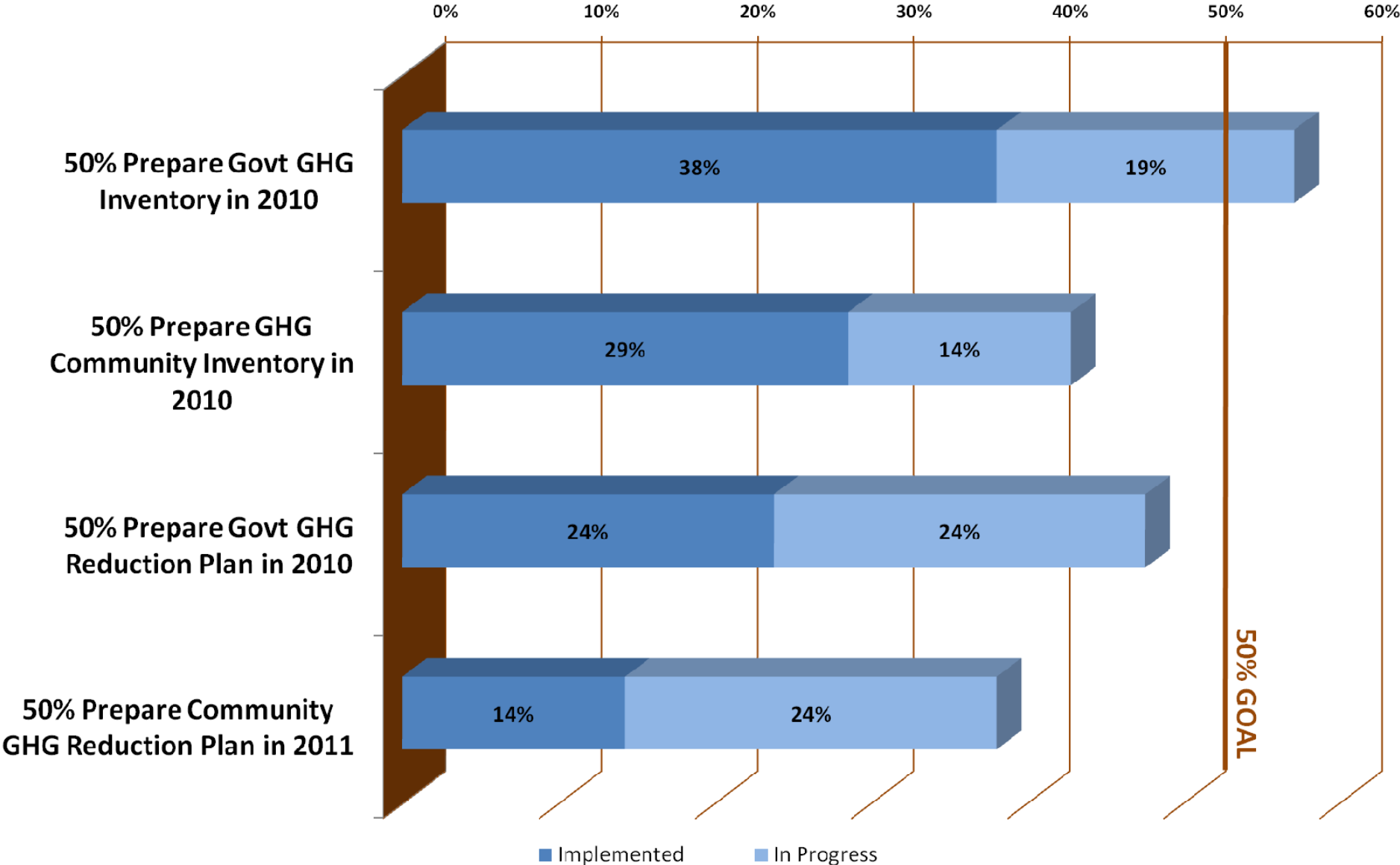
- *“Develop system for tracking progress toward greenhouse gas reduction goals and periodically review targets.”*
- *“Prepare annual progress report on meeting the 2012 goal and associated work plan targets.”*



## Survey Result Categories

- Inventory and Action Plans
- Energy Efficiency
- Energy Efficiency Outreach Programs
- Sustainable Purchasing
- Transportation and Land Use
- Select Measure Highlights
- School Districts

# Inventories and Action Plans



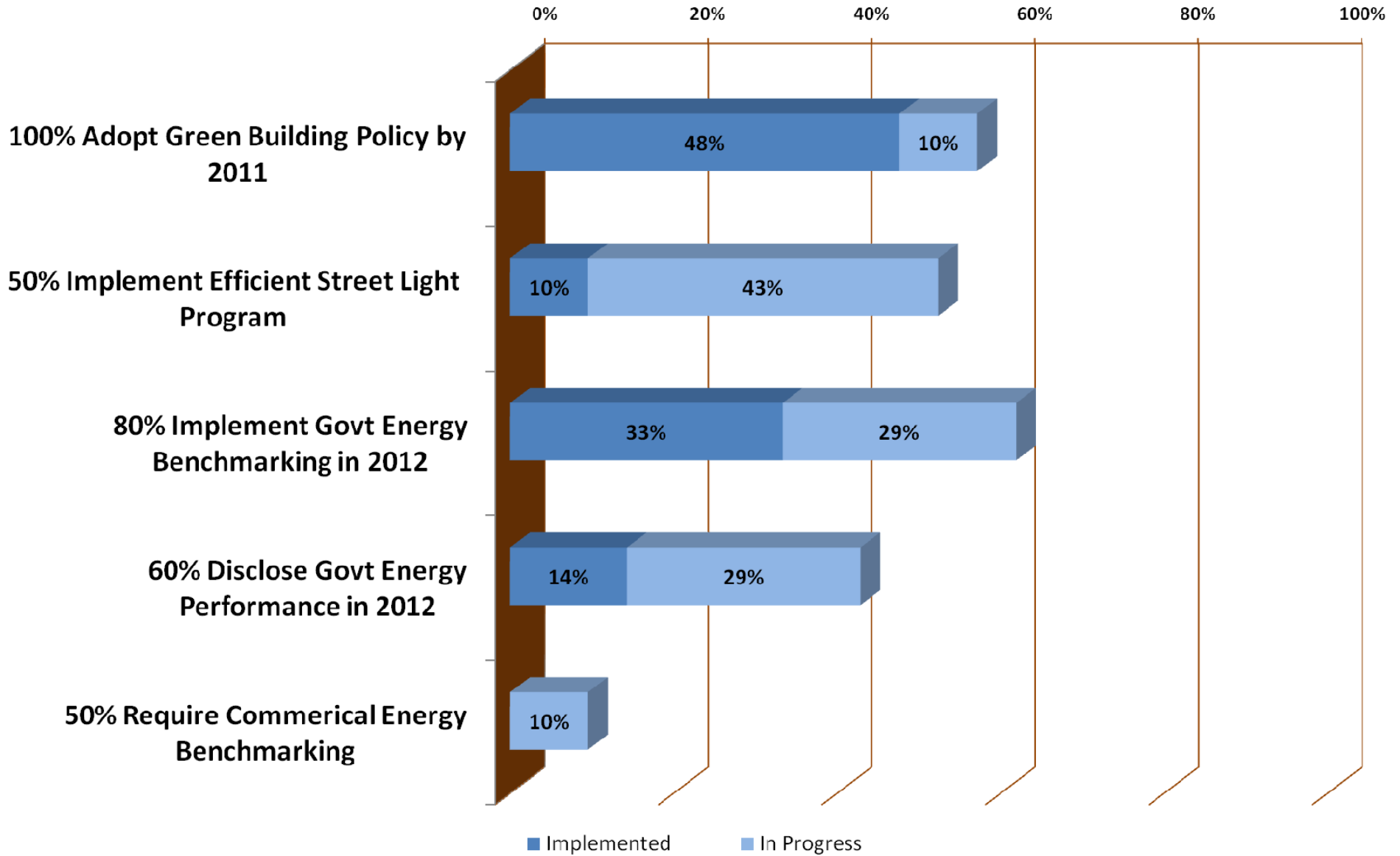
# Inventory and Action Plan Highlights

Loudoun and Montgomery Counties have implemented all four the following:

- Government GHG Emissions Inventory
- Community-wide GHG Emissions Inventory
- Government Operations Plan to Reduce GHG Emissions
- Community-wide Plan to Reduce GHG Emissions



# Energy Efficiency

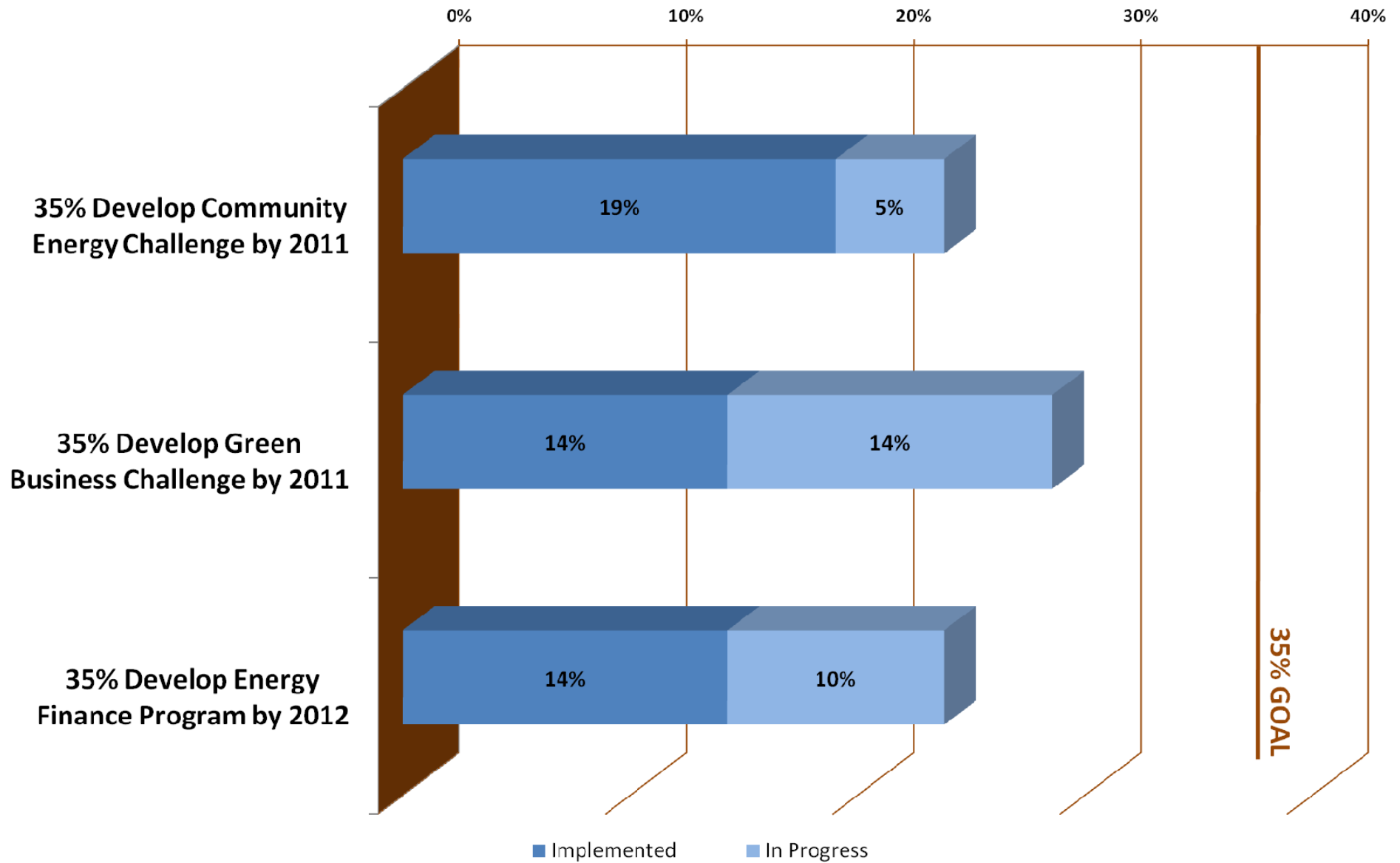


# Energy Efficiency Highlights

## Green Building:

- District of Columbia has 12 LEED certified DC Govt buildings and 130 non-DC government green certified buildings
- Fairfax County has 7 certified local govt projects, 7 more anticipated to be certified soon and 14 other active development projects are green

# Energy Efficiency Outreach Programs





# Energy Efficiency Outreach Program Highlights

## Community Energy Challenge/Pledge

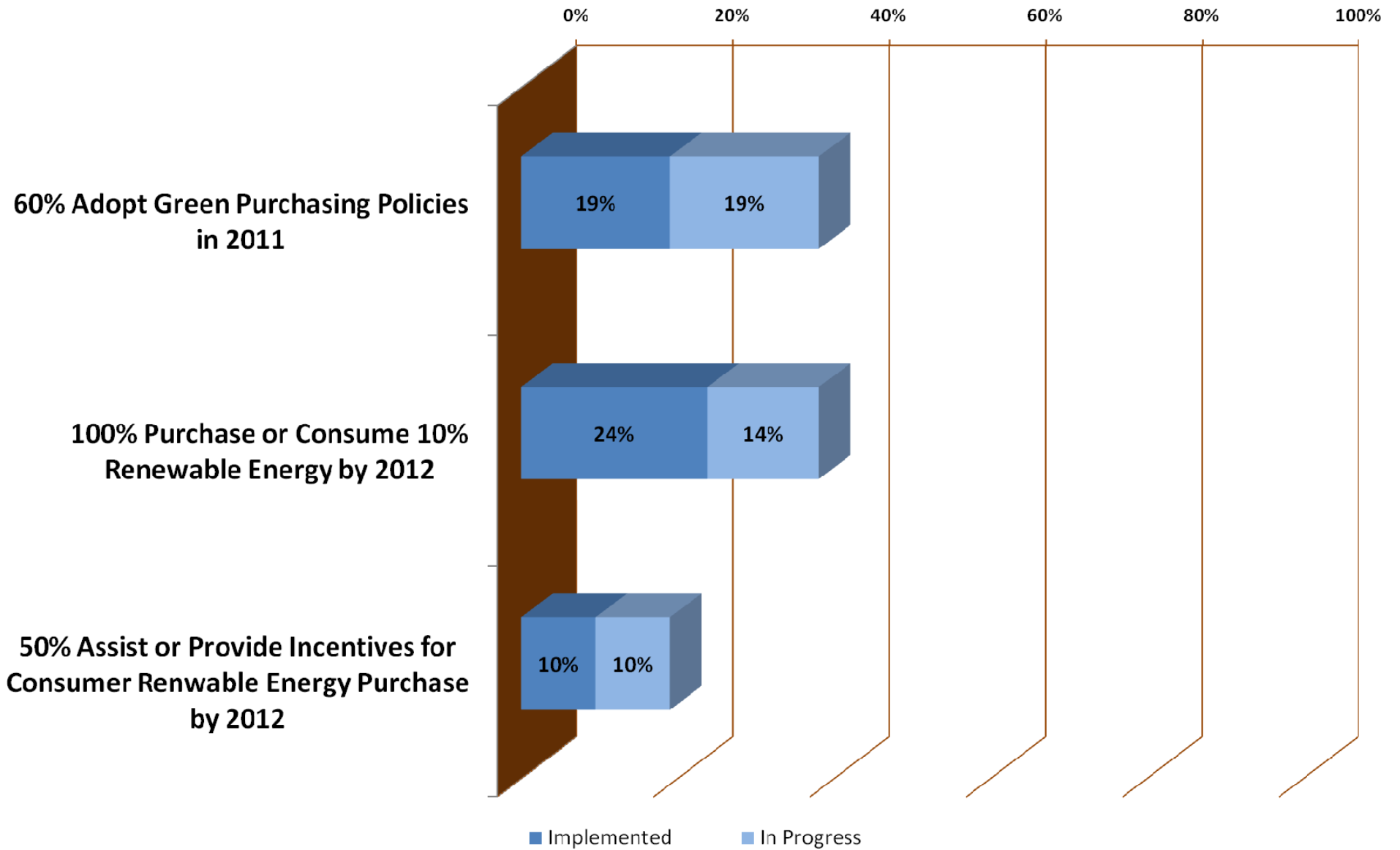
- City of Bowie
- Fairfax County
- Loudoun County

## Green Business Challenge/Certification

- Loudoun County
- Montgomery County



# Sustainable Purchasing



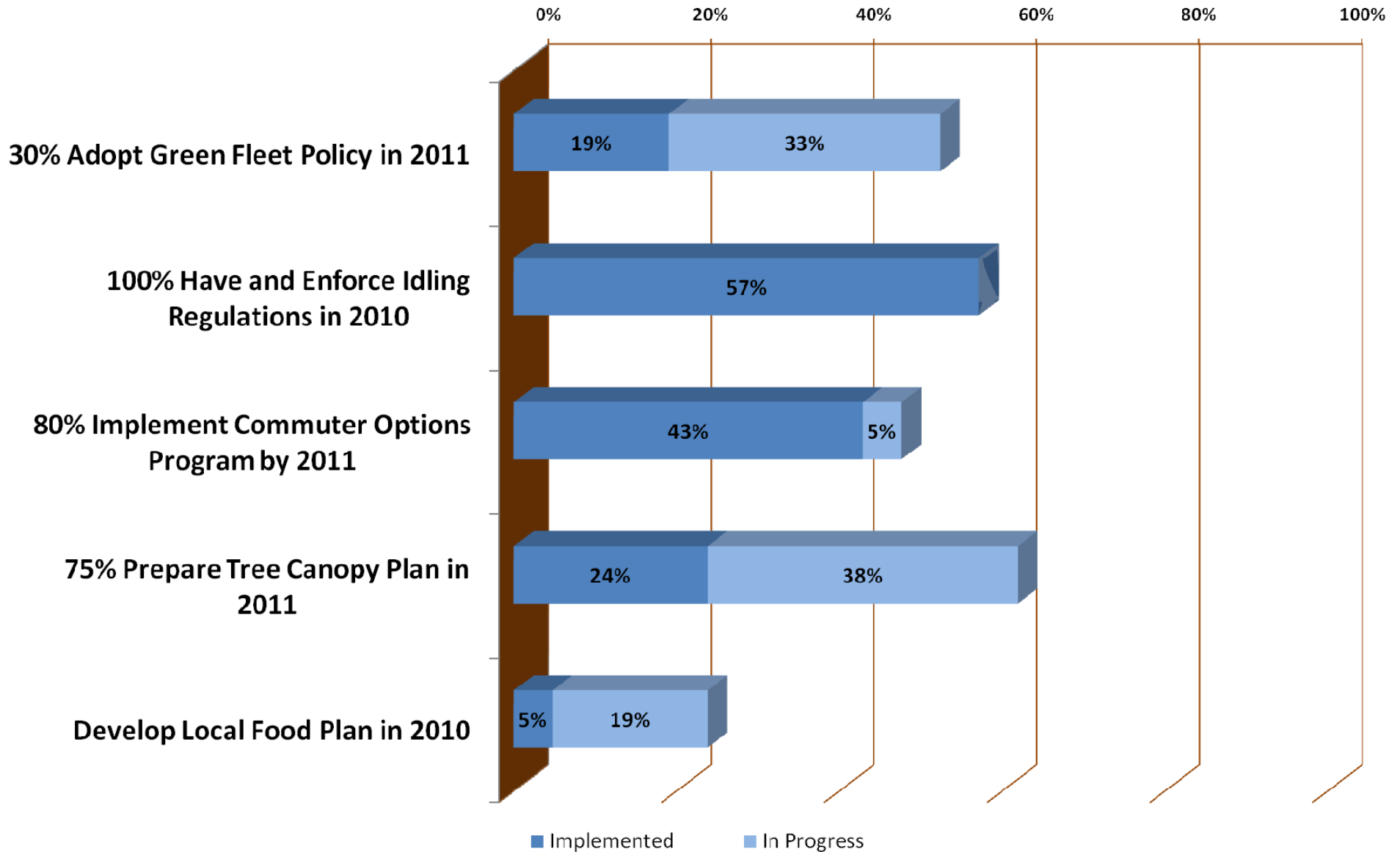
# Sustainable Purchasing Highlights

Percent of total local government energy use purchased or consumed as renewable energy

- City of Rockville = **60%**
- District of Columbia = **50%**
- Gaithersburg = **25%**
- Montgomery County = **25%**



# Transportation and Land Use



# Select Measure Highlights

## Select Project Highlights

Loudoun County, Virginia incorporated solar energy in its new homeless shelter with funds from a Federal Community Development Block Grant and the American Recovery and Reinvestment Act of 2009.



Fredrick County Government implemented a Landfill Gas to Energy project at Reich's Ford Road Landfill has the potential to reduce greenhouse gas emissions by about 10,500 tons of CO2 per year.



City of Greenbelt set and met tree canopy goals in the Street-Tree Master Plan. The city's current tree canopy cover is 62%.

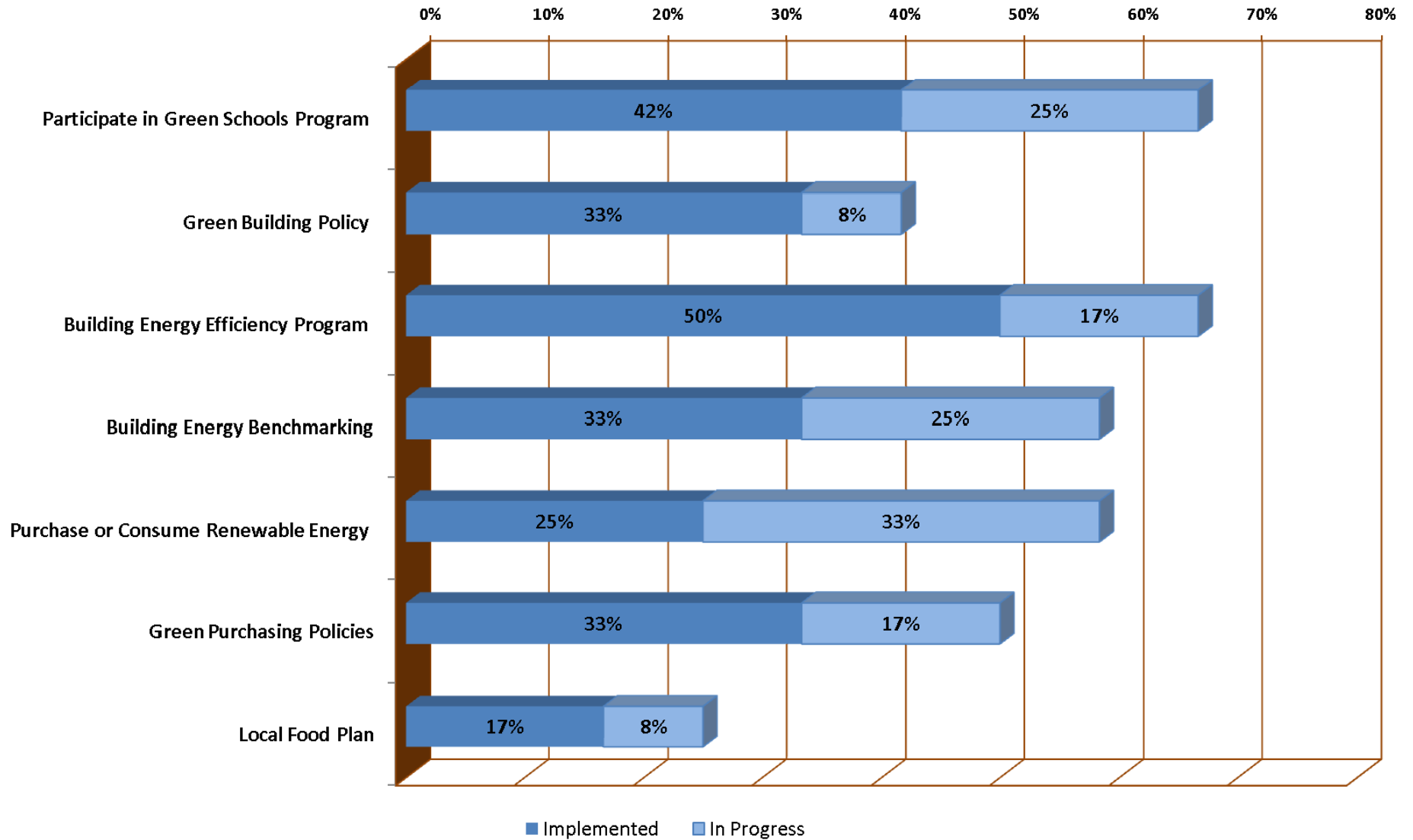


LEED Gold Manassas Park Elementary School features geothermal heating and cooling and is estimated to use half the energy of a standard building its size.



District of Columbia's Trinidad Recreation Center has a green roof that reduces heat island and is estimated to reduce 81,000 gallons of stormwater a year.

# School Districts



# Discussion and Feedback

