Climate and Energy Action Plan

Goals and Progress

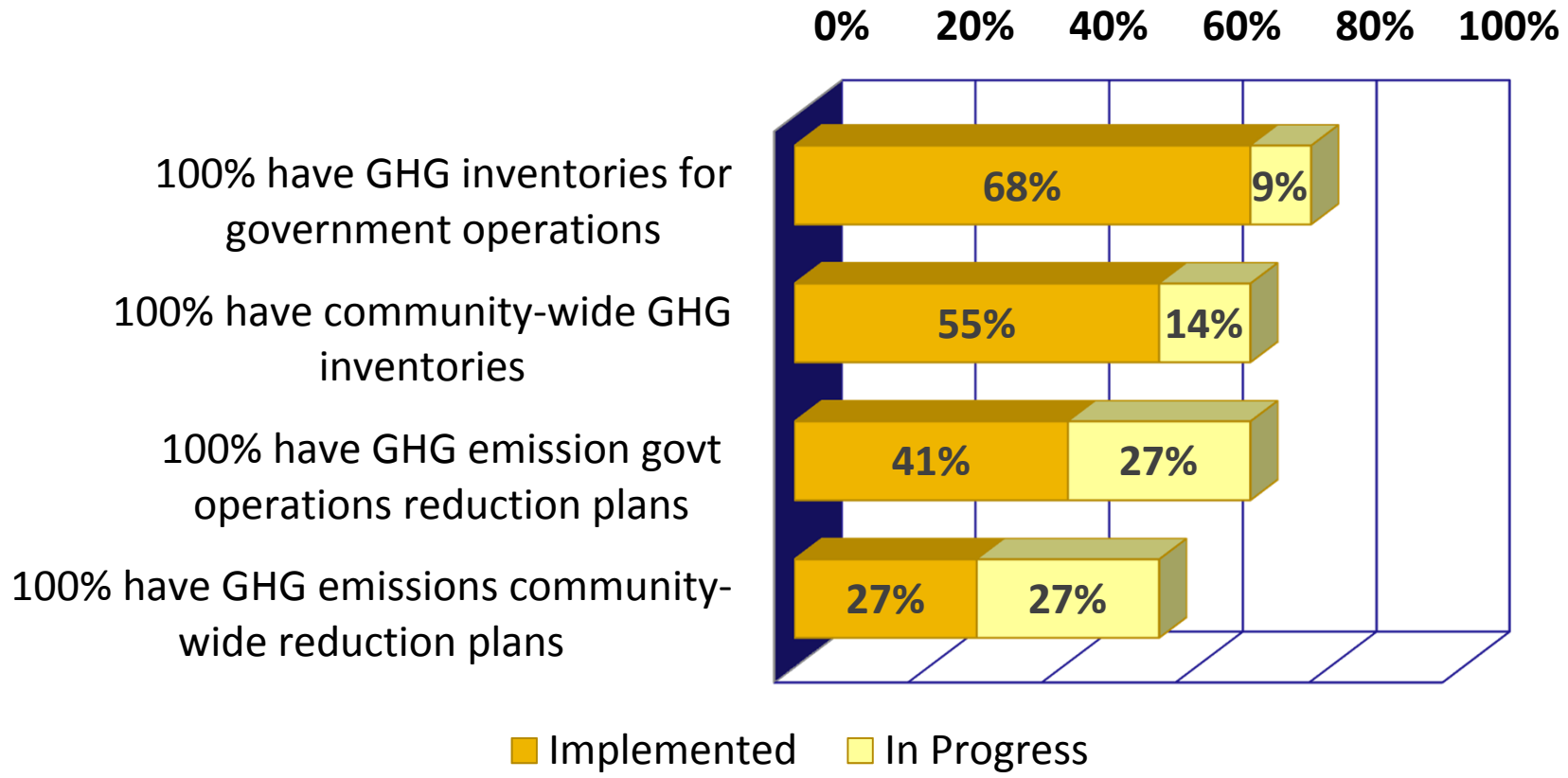
MWAQC

April 24, 2013

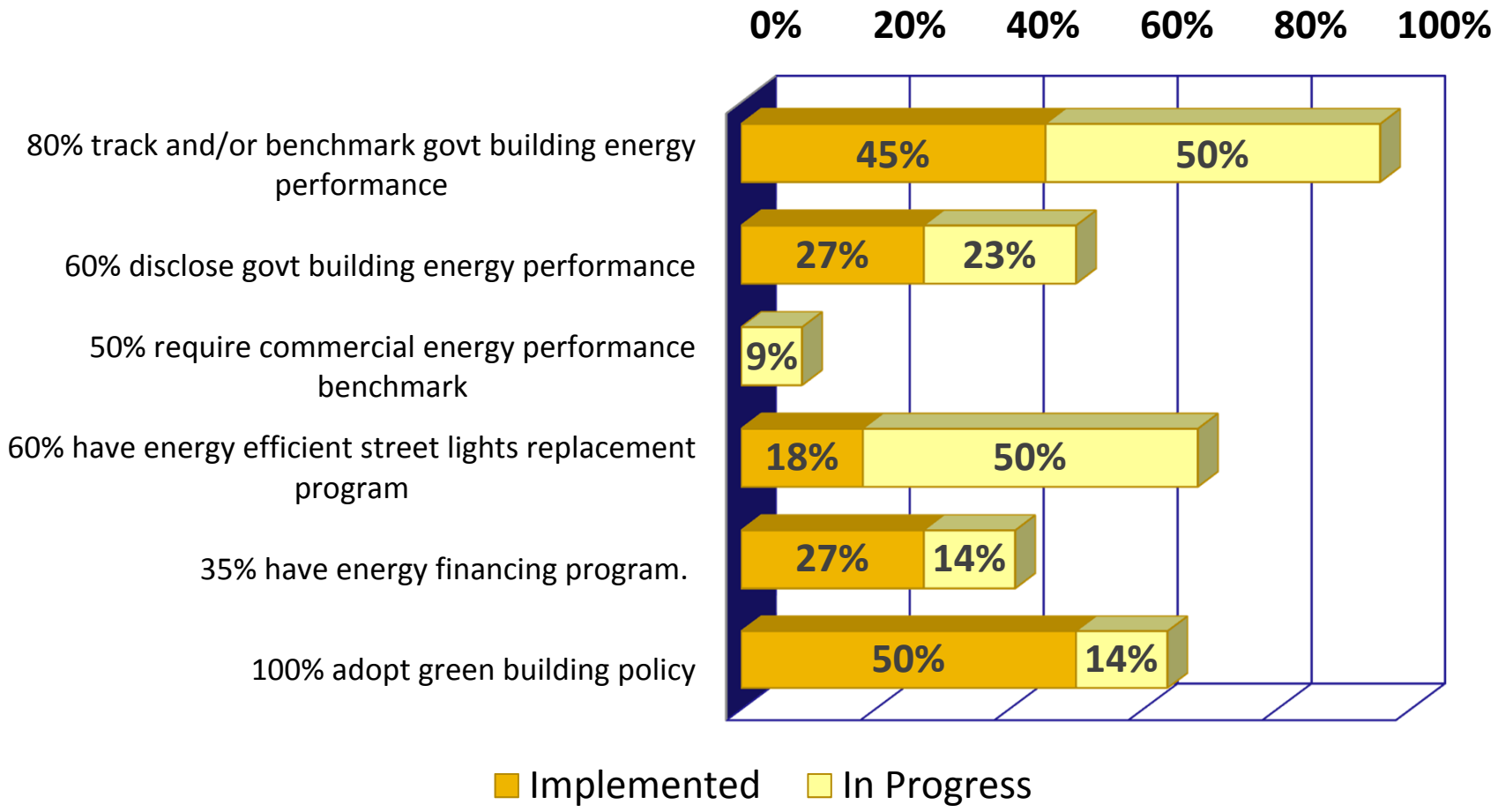
Local Government Climate and Energy Survey Results

2012 ACTION PLAN GOALS AND PROGRESS

GHG Inventories and Plans



Energy Efficiency



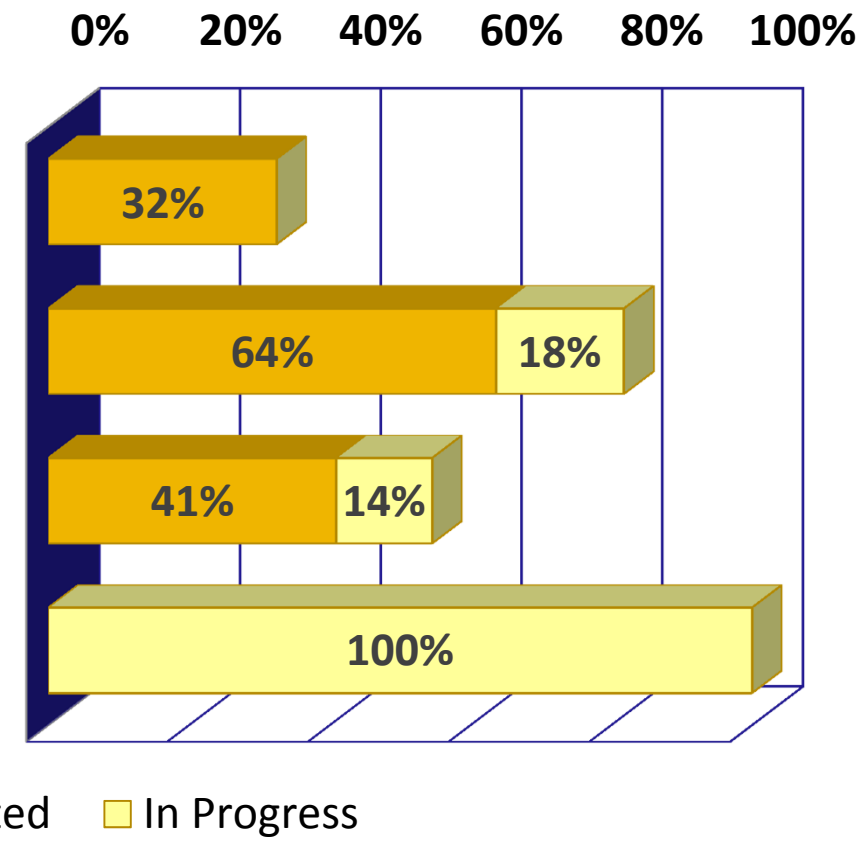
Renewable Energy

5,000 renewable energy systems in the region

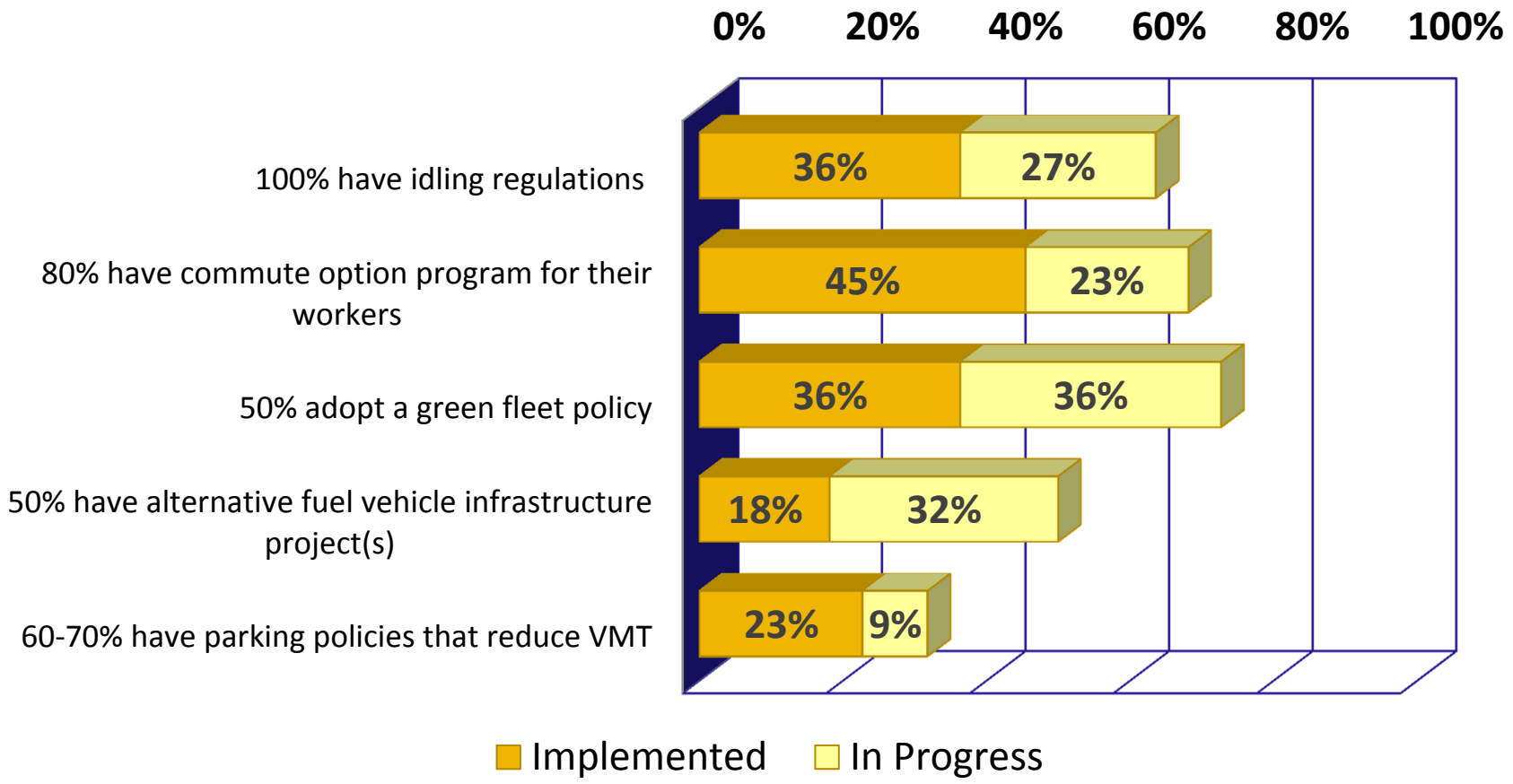
75% have renewable energy systems on local government property

100% purchase or consume 10% of energy use as renewable

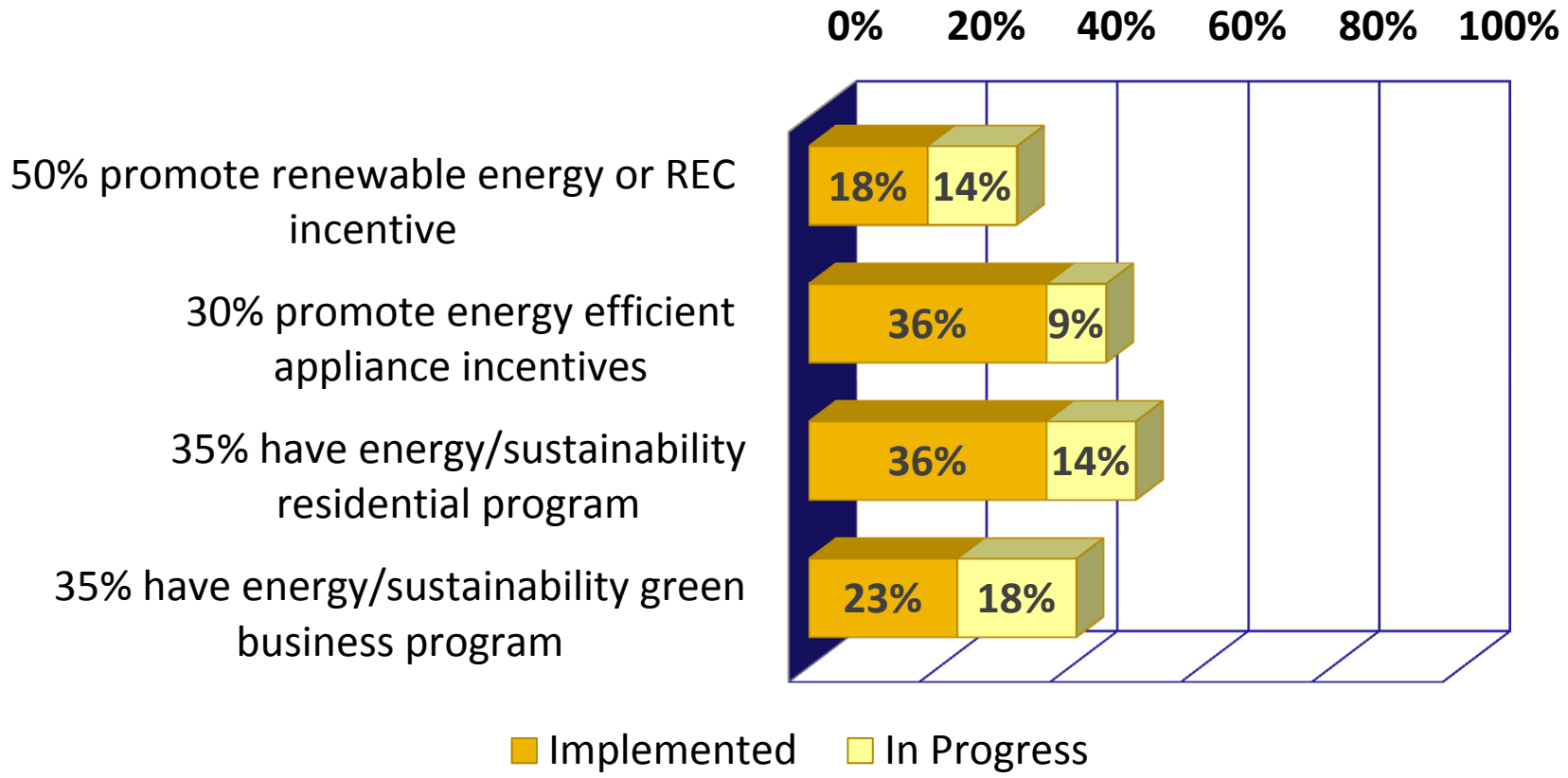
Implement 1 renewable energy park project in region



Transportation



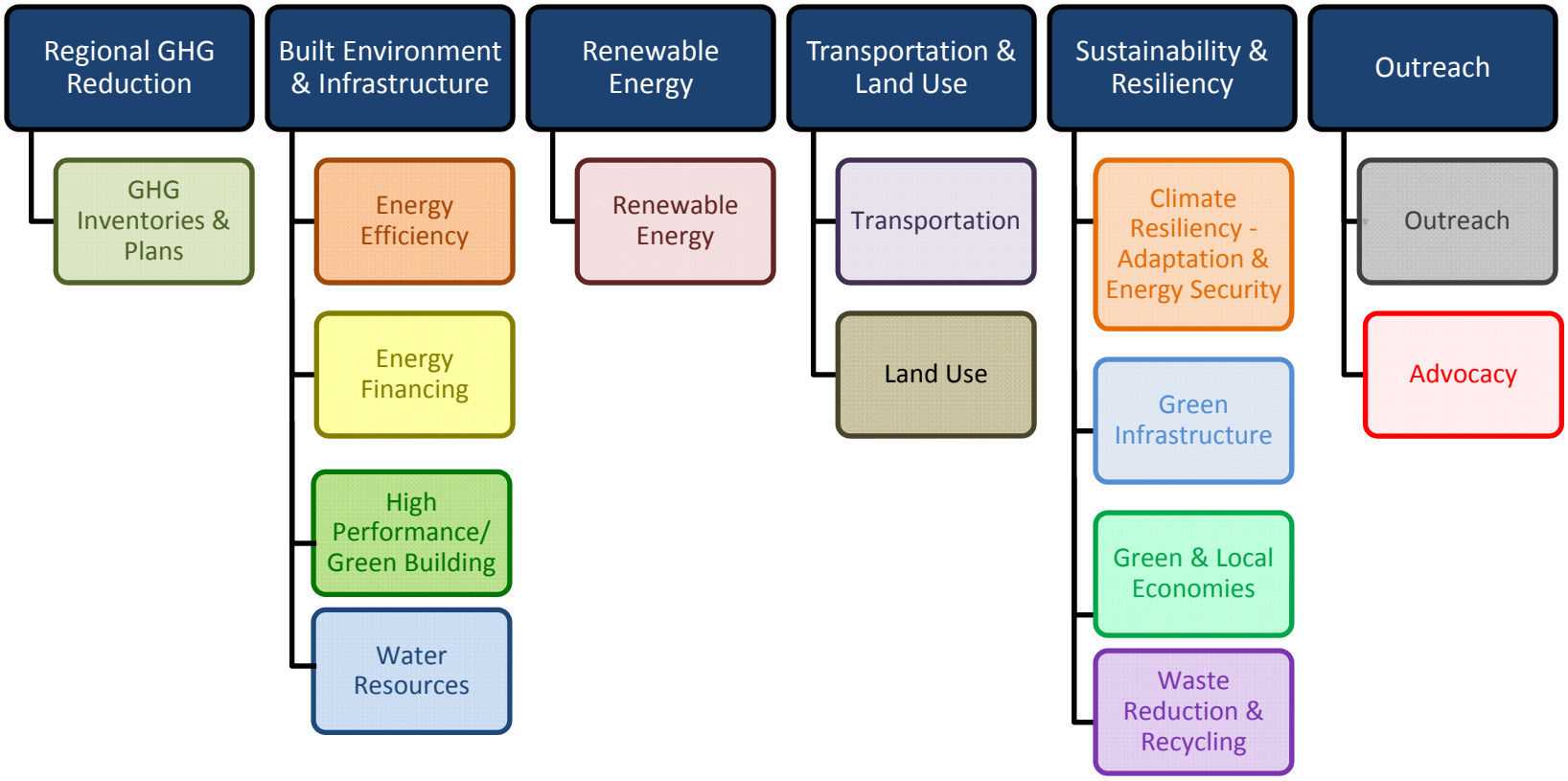
Outreach


0%
20%
40%
60%
80%
100%
50% promote renewable energy or REC incentive
18%
14%
30% promote energy efficient appliance incentives
36%
9%
35% have energy/sustainability residential program
36%
14%
35% have energy/sustainability green business program
23%
18%
Implemented
In Progress

Climate, Energy and Environment Policy Committee

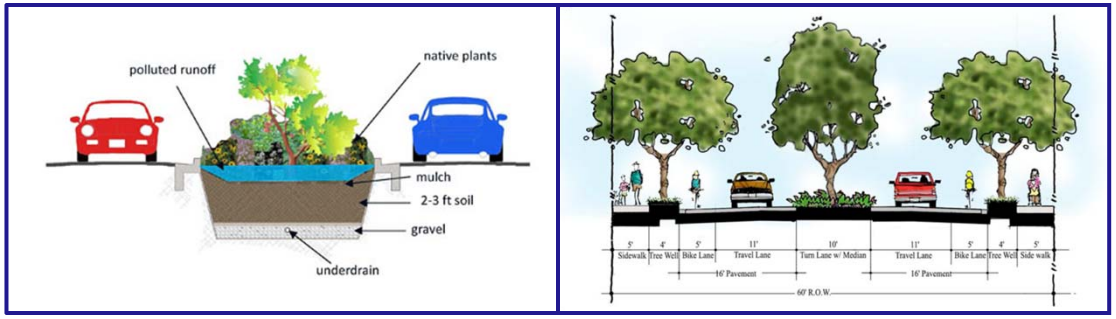
DRAFT 2016 ACTION PLAN AND GUIDE

2013–2016 Action Plan Categories



Action Plan Resource Guide Example

Description: Green streets are a vegetated area in the transportation public right-of-way that manage stormwater, increase tree canopy, reduce urban heating, improve local air quality, beautify neighborhoods, calm traffic, decrease maintenance costs, and increase property value. Features of green streets may include bioretention (vegetated) curb extensions, vegetated swales, rain gardens, sidewalk planters, street trees, permeable pavement, and narrower street widths. Green streets policies can encourage joint planning for roads and stormwater, provides guidance for where green streets are and are not appropriate, and encourage private investment in green streets and roads.



Action Plan Resource Guide Example

Examples:

- Prince George's County, MD Complete and Green Streets Policy was adopted to create more livable communities and places; manage stormwater in an environmentally friendly way, and increase tree canopy.

- Arlington County Green Streets initiative helps the County meet requirements of their Municipal Separate Storm Sewer Permit (MS4 Permit) and the Chesapeake Bay Total Maximum Daily Load (TMDL). Their green streets website features a fact sheet, FAQs, plant choices, and more.

2016 Action Plan Resource Guide Example

Resources:

- National Complete Streets Coalition Green Streets Information and Resources
- US EPA Conceptual Guide to Green Streets, Municipal Handbook to Green Streets, Green Streets Initiatives Around the US
- Portland's Green Infrastructure: Quantifying the Health, Energy, and Community Livability Benefits includes green streets best management practices, benefits, and more.
- The Portland Green Streets web page includes green street master plans, specifications, case studies, virtual tours, videos, technical reports, and more.
- Anacostia Watershed Partnership presentation on Green Street's Potential Benefits to the Metropolitan Washington Region

Questions/Comments?

Maia Davis

202/962.3227

mdavis@mwcog.org