MEDFORD LOCAL ENERGY ACTION PROGRAM

Working Group Meeting

April 10, 2012

Metropolitan Area Planning Council



- MAPC is the regional planning agency serving the people who live and work in the 101 cities and towns of Greater Boston.
- MAPC's mission is to promote smart growth and regional collaboration.
- MAPC's past projects with the Medford community include:
 - The MBTA Green Line Extension Project
 - Walking Routes to the Mystic River Project
 - Community Transformation Grant Mass in Motion Community
 - Pre-Disaster Mitigation Plan

Local Energy Action Program (LEAP)



Mission: To help cities and towns create and implement local energy action plans over two years.

Year 2: Take Action

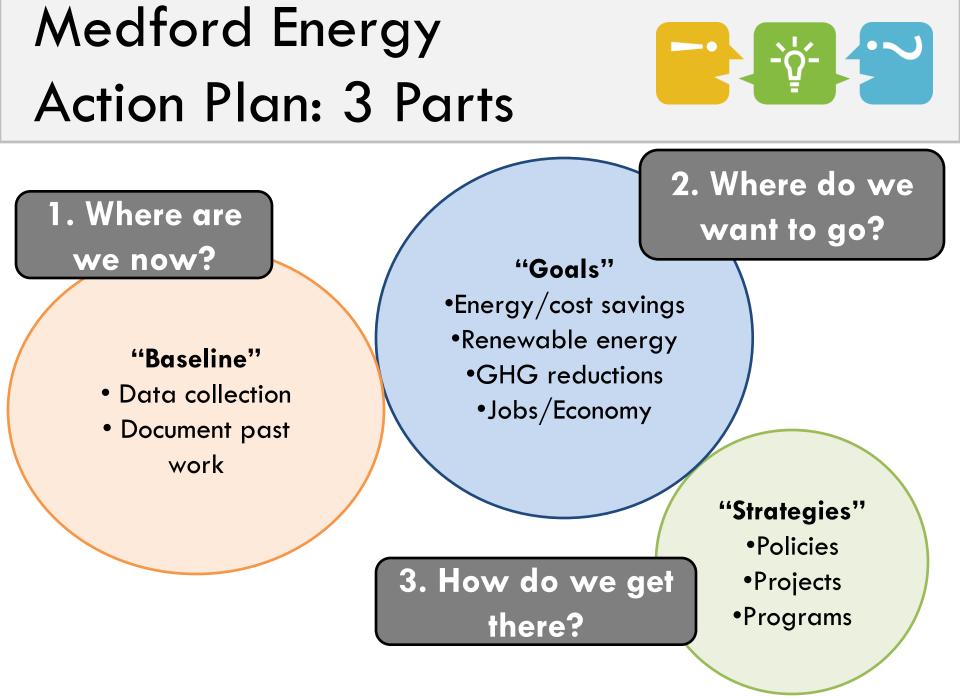
- * Adopt policies
- * Design/launch programs

Year 3: Maintain Action

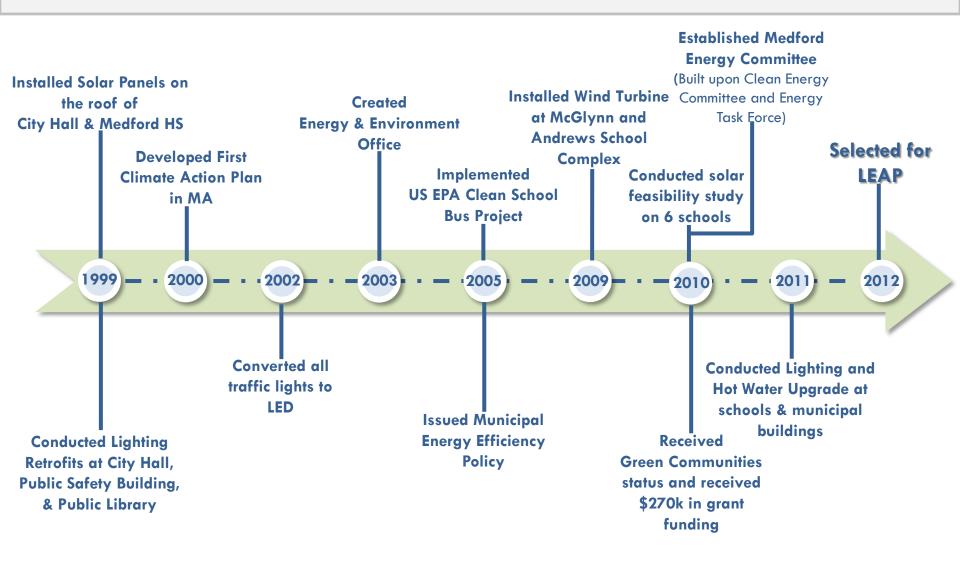
* Municipality, volunteers, and program partners run sustained programs independently

Year 1: Plan for Action

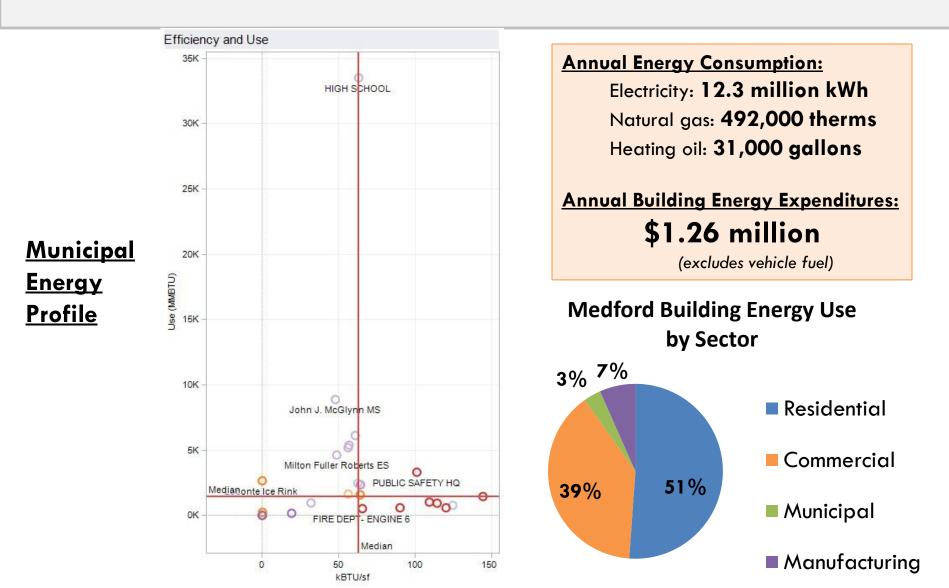
- * Set baseline and goals
- * Develop strategies
- * Build constituency and adopt plan



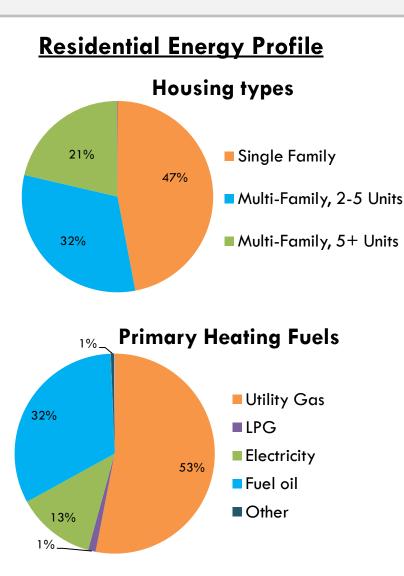






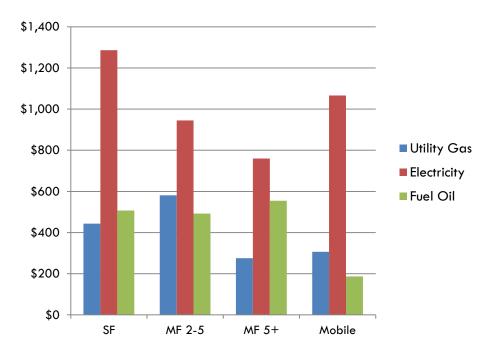






Annual Energy Consumption: Electricity: 178 million kWh Natural gas: 6.6 million therms Heating oil: 1.8 million gallons Annual Energy Expenditures: \$46 million

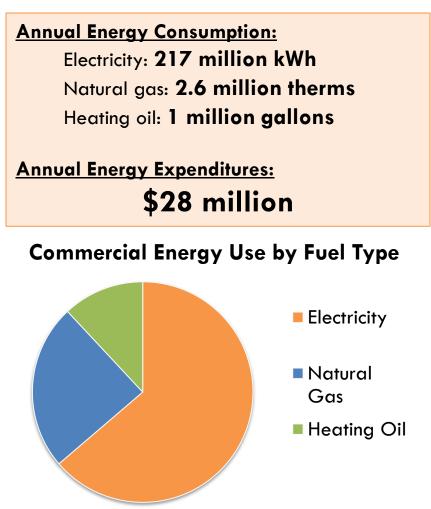
> Annual Residential Energy Expenditure Per Household





Commercial Sector Energy Profile**

Туре	# Establishments	# Employees	
Education	20	3,511	
Office	326	2,455	
Outpatient Care	81	1,154	
Food Services	83	1,057	
Retail (Non-Mall)	71	950	
Services	130	881	
Lodging	11	823	
Warehouse	36	794	
Food Sales	37	785	
Retail (Mall)	39	364	
Public Assembly	17	261	
Religious	18	58	
Total	869	13,093	



**Does not include manufacturing/industrial sectors, in which Medford has an additional 4,097 jobs and 435 establishments





Past Energy Action		Residential Sector	Commercial, Industrial, Institutional Sectors
Committed Staff/Volunteer Time		0 ş	Ś
Tracking of Energy Consumption		○ ;	Ś
Energy Goals & Commitments		D	Ś
Renewable Energy Projects		0 Ś	0 Ś
Energy Efficiency Projects		0 Ś	0 Ś
Outreach and Educational Programs		D	Ś
Local Cleantech Industry		-	0 Ś

Keys:

Yes

Some/In Progress

O None ? Need more information



Where do we want to be?