

**Progress to Reduce Belmont's Carbon Footprint  
(Select Examples from September 2010 – May 2016)**

EXAMPLE	METRICS	IMPACT / SAVINGS	WHO
<b>Reduce Fossil Fuels Used to Heat And Power Our Buildings</b>			
Better Homes Belmont residential weatherization program	> 900 home energy assessments (21% of homes); Of those homes, ~ 38% gas heat and ~ 54% oil heat made weatherization improvements	CO <sub>2</sub> avoided: ~ 150 tons / yr  Residents save on heating costs;  Town received state Leading by Example Energy Award	Energy Committee, Belmont Light
Belmont Goes Solar community discount program for rooftop electricity	175 residential solar systems sold (Note: program in process; ends June 30, 2016)	CO <sub>2</sub> avoided: ~ 767 tons / yr  Free electricity for ~ 18 yrs  Free solar array for school or municipal building (value \$25,000); Donation of 2-yr. lease for Town electric vehicle	Energy Committee, Sustainable Belmont, Mothers Out Front, Belmont Light
1.High School Natural Gas Conversion  2.High School Field House 2 In-Flow Fans		1.CO <sub>2</sub> avoided: ~ 778 tons / yr \$200,000 annual savings  2. 40% energy savings	Facilities Dept.
Green Community (State Designation)	\$150,000 state grant for municipal energy improvements (for energy management systems at middle school & high school)	CO <sub>2</sub> avoided: ~ 99 tons / yr  \$35,000 annual savings	Energy Committee, Sustainable Belmont (application), Facilities Dept. (application & grant implementation)
Improved Energy Building Standards: Stretch Code	20% energy efficiency beyond state building code for new		Energy Committee submitted; Town Meeting and BOS

	construction & major renovations		passed
State Energy Efficiency Grant	A.100 LED streetlights B.107 weatherization grants to homes w/ oil or electric heat; C.39 heat pump grants to residents D. Heat pump grant to town DPW bldg.	CO <sub>2</sub> avoided: A. 9 tons / yr B. 150 tons / yr C. 115 tons / yr D. 37 tons / yr  Collective annual savings of ~ \$143,000	Belmont Light
<b>Reduce Petroleum Used to Fuel Our Vehicles</b>			
Car Sharing	2 Zipcars (short-term car rental) at Belmont Center		Energy Committee
Promote Recreational and Commuter Biking	Created bike map for Belmont (see About Us on Town website)		Energy Committee, Office of Community Development
Promote Walking	Created walking map for Belmont (see About Us on Town website)		Office of Community Development with residents
Promote Biking	Bike racks: Wrote & obtained state grant for 30 bike racks for 300 bikes		Energy Committee, Belmont DPW, Belmont Public Schools
Encourage Use of Public Transportation	Belmont Center train station improvements (landscaping & bench)		Energy Committee, MBTA, Garden Club, DPW, Belmont Art Gallery
Engage the Public about Biking	Created and maintain Facebook page "Bike Belmont"		Energy Committee
Public Awareness to Increase Use of Public Transportation	Procured and installed a message board at Belmont Center train station for public transit options		Energy Committee, Garden Club
Commuter Benefits and Incentives to Reduce Single-Car Vehicle Trips	Initiated & implemented MassRides program to promote alternative work transit options for McLean Hospital and Town employees	CO <sub>2</sub> avoided (since January 2012): McLean: ~ 14 tons Town: ~ 58 tons \$\$ saved: McLean: ~ \$17,000 Town: > \$72,000	Energy Committee, McLean Hospital, Town Administrator, Mass Dept. of Transportation