



# PROGRAMS & SERVICES SUMMARY

We work with partners throughout the country to address climate change by transforming the way we live and work – for a better community, economy, and environment.

For more than 40 years, our innovative non-profit organization has offered practical solutions to save money, increase the health and comfort of our homes, and help businesses perform better.

The Center for EcoTechnology has set an ambitious goal for 2017 through 2019 to help 95,000 people and businesses:

- Reduce carbon emissions equal to removing 85,000 cars of the road for a year
- Keep 80,000 tons of waste out of landfills
- Save energy equal to powering 35,000 homes for a year
- Create \$70,000,000 in lifetime savings

## Residential Programs

- We are partnering with E4 the Future, EPA, Berkshire Medical Center, and others to test an innovative approach that provides energy efficiency improvements in the homes of patients with severe asthma or COPD to improve indoor air quality and reduce health care utilization and costs.
- CET is partnering with the Massachusetts Clean Energy Center (CEC), Energy Futures Group, and others to help middle income homeowners take advantage of solar PV and air source heat pumps.
- We provide energy assessments and related services to approximately 2,000 households annually for gas and electric utility companies through the Mass Save program, and for municipal utilities directly and through MMWEC's HELPS Program.
- The Center for EcoTechnology provides Home Energy Ratings for over 200 homes annually, assists in design and verification for Passive House, Zero Energy, and LEED for Homes projects.
- CET offers assistance in design and verification for Passive House, Zero Energy, and LEED for Homes projects.
- We are accredited by the Building Performance Institute (BPI), a national non-profit that sets standards for weatherization and home efficiency contracting companies, and the Residential Energy Service Network (RESNET) as a home energy rating provider.
- We work in partnership with the Green Energy Consumers Alliance to offer Green Powered to thousands of households through utility GreenUp Programs.
- CET's EcoBuilding Bargains store saves reclaimed and surplus building materials from the landfill and sells them at low cost at our nonprofit retail store in Springfield. We also refer property owners to deconstruction services as a green alternative to demolition throughout southern New England.
- CET is partnering with MMWEC, the MA DOER and others on a Connected Customer pilot program to implement Demand Response technologies and practices in MLP customers' homes.

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## Commercial Programs

- We created and operate an award-winning food waste reduction effort in Massachusetts, have recently expanded our food waste efforts into Connecticut, New York, Rhode Island, and Pennsylvania, and are in the process of adding additional states. Nationally, we advise on state and local policies and programs.
- CET partners with utility companies statewide to provide customer engagement services in the Commercial, Industrial, and Small Business sectors offering sales, marketing, vendor referrals or coordination, and tracking/reporting to help improve the customer experience, increase participation in energy efficiency programs, and maximize savings opportunities.
- CET is partnering with the MA DOER and Berkshire Gas, Columbia Gas, Eversource Gas, MMWEC, and contractors on a pilot program to increase weatherization projects in the small business sector.
- The Center for EcoTechnology is working with the Massachusetts Clean Energy Center (CEC) and industry partners to increase installation of solar hot water systems in commercial facilities and farms.
- We provide technical assistance to businesses, farms, and schools for green initiatives including composting, recycling, waste reduction, energy efficiency, and renewable energy. We perform this work in partnership with state agencies, utility companies, and others, as well as on a fee-for-service basis.
- We partner with MassDEP to operate RecyclingWorks Massachusetts, a recycling assistance program that helps businesses maximize recycling, reuse, anaerobic digestion, and composting opportunities.
- We partner with MDAR to operate the Massachusetts Farm Energy Program to provide energy efficiency and renewable energy education, technical assistance, referrals, and project facilitation to MA farms.
- We offer Materials Separation Plan planning and program delivery to waste-to-energy facilities to prevent mercury-containing products from being thrown in the trash by residents and businesses. We also work with the Thermostat Recycling Corporation (TRC) to increase access to thermostat recycling options throughout New England, New York, Pennsylvania, Iowa, Minnesota, and Illinois.
- We administer The Green Team for MassDEP, a statewide program providing resources for teachers to help the environment through recycling, composting, and energy conservation.
- We are working with Westchester County, NY to estimate the quantity of food waste generated from local businesses and institutions and to provide recommendations for infrastructure investments that support alternatives to disposal.
- With support from the Claneil Foundation, we are assisting the City of Philadelphia in implementing its Zero Waste plan by identifying opportunities to strengthen the wasted food diversion marketplace, creating tools and resources for key stakeholders, and offering businesses technical assistance to divert wasted food from disposal.
- We are a part of the consultant team assisting the City of Boston in developing and implementing the City's first-ever zero waste plan, which aims to achieve a recycling rate of 80% by 2035 and 90% by 2050.

## Community Programs

- We provide education, technical assistance, and act as a clearinghouse for information about waste prevention, recycling, composting, energy efficiency, and renewable energy by offering online resources, hands-on workshops, forums, and tours.
- Our EcoFellowship Program provides a one-year paid fellowship to recent college graduates to carry out community outreach and education and other activities while gaining training and experience to become tomorrow's environmental leaders.
- CET performed a deep energy retrofit, funded in part by the MA DOER, of the older commercial building that houses EcoBuilding Bargains. The facility now uses 88% less energy and serves as an educational center for area residents and professionals.
- CET developed and administers the Community Climate Fund as a vehicle for colleges, universities, and businesses to invest in high-impact, local carbon reduction projects. The project portfolio ranges from energy efficiency and renewable energy interventions, to food waste reduction and building materials recovery. Projects are designed to yield significant environmental and social impacts along with experiential learning opportunities for students.