States, Local Governments, and K-12 Schools: Better Buildings Champions

Public sector partners are making it clear that Better Buildings Initiatives are a core mechanism to help them achieve their energy goals. As of March 2018, the U.S. Department of Energy's (DOE) Weatherization and Intergovernmental Programs Office (WIP) has over 200 partnerships with 35+ states, 80+ local governments, and 25+ K-12 schools through the Better Buildings Initiative.



RENEWABLE ENERGY



Over 75 public sector leaders accepted the Better Buildings Challenge to commit their organizations to 20% energy savings in 10 years or less, leading the market by sharing their replicable solutions. These partners have achieved 45 trillion Btus of energy savings, \$420 million in savings, 2.9 million tons of carbon emissions, and 1.5 billion gallons of water.



5+ States



Local Governments



K-12 School Districts

More than 1 BILLION square feet of building space committed to the Better Buildings Challenge.



ENERGY 20% SAVINGS GOAL ACHIEVERS

Poudre School District, Colorado

Camas School District, Washington

River Trails School District 26, Illinois

State of Maryland

Hillsboro, Oregon

State of Delaware

West Palm Beach, Florida

Beaverton, Oregon

WATER 20% SAVINGS GOAL ACHIEVERS

Atlanta, Georgia

Poudre School District, Colorado



ENERGY SAVED 45 TRILLION BTUS



DOLLARS SAVED \$420 MILLION



CARBON EMISSIONS AVOIDED 2.9 MILLION TONS



WATER SAVED

1.5 BILLION GALLONS

LEADERSHIP IN ACTION



Fort Worth, Texas, engaged their local community to reduce energy consumption across 20 million square feet of buildings and has demonstrated leadership by cutting energy use in its own municipal building portfolio by 17% and counting!



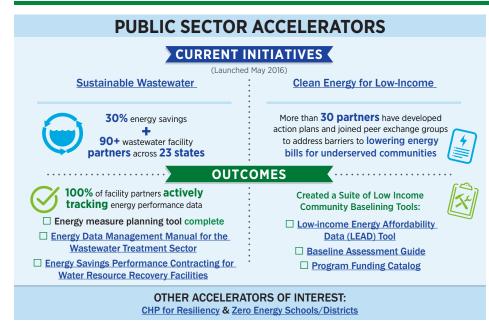
The State of Minnesota established a new Office of Enterprise Sustainability to make lead-by-example work a more central, state-directed, and highly visible initiative.



Chicago, Illinois, leveraged public-private partnerships to deliver customized Energy Road Maps with technical and strategic recommendations aimed at maximizing internal rate of return and utility incentives, identifying an annual average of 22% energy savings and \$254,000 cost savings.



Xenia Community Schools (Ohio) <u>retrofitted</u> <u>an aging facility</u> in need of upgrades to lighting and building controls. The 14-month project is expected to result in an annual energy savings of 17% and annual cost savings of \$23,000.



ACCELERATORS

Time-limited collaborations
with market leaders to
overcome specific barriers
to energy efficiency.
Once complete, a toolkit
is created to provide
tools, best practices, and
replicable models for other
stakeholders to benefit from
the value of the accelerator.

ESPC and Outdoor Lighting Toolkits

State and local leaders successfully leveraged resources to catalyze over \$2.1 billion in public sector energy efficiency investments through energy savings performance contracting (ESPC) and achieve a commitment to upgrade 1.3 million street lights with an expected annual savings of \$48 million.



https://betterbuildingssolutioncenter.energy.gov/espc/home

Through the ESPC Accelerator, DOE worked with 25 partners, including 18 states, six cities, and one school district to streamline the ESPC process, empower the market with ESPC project data, resolve individual barriers to carrying out ESPC, and develop the ESPC Toolkit.

The Toolkit includes:

- Virtual Technical Assistant—An online technical assistance resource for ESPC
- ESPC Guide Series for New Markets—A series of guides that introduces performance contracting as a way to increase energy efficiency and upgrade facilities in particular market sectors. Each guide explores the ESPC process, energy efficiency potential, and case studies of ESPC projects in the sector.
- <u>ESPC Financing Decision Tree</u>—Enables users to select the form(s) of financing best suited to their jurisdiction's conditions.



https://betterbuildingssolutioncenter.energy.gov/outdoor-lighting

Through the Outdoor Lighting
Accelerator (OLA), DOE worked with
25 partners, including three states, 16
cities, and six regional energy networks.

The Toolkit includes:

- Outdoor Lighting Decision Tree Tool— Consistently rated as a top-10 viewed resource on the Better Buildings Solution Center.
- Outdoor Lighting Challenges and Solutions Pathways Report—Examples of LED street light conversion projects.



Local Governments Partnering with Private Sector Leaders

Public-private partnerships are improving energy usage in buildings, homes, and plants to save money and increase American competitiveness.

The Better Communities Alliance (BCA) is a national leadership program with more than 70 private companies, national organizations, and local governments that represent more than 43 million Americans across 23 states and in every region of the country. BCA partnerships are providing integrated expertise, resources, and peer-networking opportunities from across the government, nonprofit, philanthropic, and private sectors.



For more information visit:
DOE's State and Local Solution Center:
energy.gov/eere/slsc
Better Buildings Solution Center:

betterbuildingssolutioncenter.energy.gov

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