

Featured Solution # 4: Public Sector Energy Efficiency Initiatives

Background: The 120+ case studies collected in the first 21 months of the 2005-2007 CSD Implementation Cycle highlight a number of practical and proven solutions to the energy challenge, one of which is summarized below. The challenge for the remaining three months of the CSD Cycle will be to identify ways to replicate and/or scale up this solution and others.

DESCRIPTION OF THIS SOLUTION	FEATURED RESULTS OF THIS SOLUTION	NEXT STEPS: HOW CAN THIS SOLUTION BE SCALED UP OR REPLICATED?
<p>Public Sector Efficiency Initiatives Focusing public sector procurement, investment, and operating practices on energy-efficient buildings, products, and services in order to deliver immediate benefits and create a buyer-led market “pull” for energy efficient products and services.</p> <p><u>Case studies from CSD Matrix:</u></p> <ul style="list-style-type: none"> • Promoting an Energy Efficient Public Sector • Watergy: Taking Advantage of Untapped Energy and Water Efficiency Opportunities in Municipal Water Systems • Bulgaria – Credit Facility for Municipal Energy Efficiency • German Energy Agency (dena) • Hungary: Public Sector Energy Efficiency Programme • Belgium-FEDESCO-Federal Energy Service Company 	<ul style="list-style-type: none"> • Efforts to improve efficiency of local water utilities in India, Mexico, Brazil and South Africa as well as energy efficiency purchasing in municipalities in Mexico have produced more than 25 GWh of annual energy savings, the greenhouse gas emissions equivalent of taking 42,000 cars off of the road for a year. • Estimated technical potential for savings in year 10 (2015) of China’s government efficiency procurement program is up to 4.65 terawatt-hours (TWh), resulting in monetary savings of ¥2.9 billion (US\$353 million). • Through the Bulgaria financing project, \$10 million in loans were issued for 33 municipal and industrial projects, saving 400 GWh and 530,000 tons of CO₂. 	<ul style="list-style-type: none"> • These programs continue to be expanded in India, Mexico, Brazil, and China this year. • A new public sector energy-efficient purchasing program is being initiated in Chile • Executive Order 13423, signed January 24, 2007 by President Bush, requires U.S. Government agencies to reduce their energy intensity 30% by 2015. <p><u>Partnerships Working to Replicate This Solution</u></p> <ul style="list-style-type: none"> • PEPS: Promoting an Energy-Efficient Public Sector (www.pepsonline.org) • Watergy (http://www.watergy.org/) • REEEP: Renewable Energy and Energy Efficiency Partnership (www.reeep.org)

For more information on this and other energy efficiency solutions, please visit these events:

**Energy Efficiency Solutions Showcase
 (hosted by the U.S. Delegation)**
 Tuesday, 27 Feb -- 1:15-2:45 p.m.
 Conference Room 7

**Importance of Energy Efficiency and Renewable
 Energy for Development (hosted by REEEP)**
 Thursday, 1 Mar-- 1:15-2:45 p.m.
 Conference Room 4





For more Featured Solutions highlighted by the U.S. Delegation, please see our Delegation website, accessible via www.SDP.gov