



PROGRAM HIGHLIGHTS  
June 2016



The Leader Award activity in Bangladesh identified cost-effective measures to be implemented within four key industrial sectors which improve energy efficiency and lower reliance on back-up power generation.

## ENERGY EFFICIENCY FOR CLEAN DEVELOPMENT PROGRAM (EECDP) LEADER WITH ASSOCIATES (LWA) AWARD

### Leader Award

The Leader Award is managed by USAID headquarters in partnership with ICF and in cooperation with bilateral and regional missions. Projects typically develop and refine strategies and processes with potential to achieve significant energy savings and GHG emission reductions.

### Associate Awards

USAID missions can work directly with the EECDP to implement projects that advance energy efficiency and clean energy. Requests to set up individual Associate Awards should be directed toward the USAID Agreement Officer's Representative (AOR) and projects can be developed in collaboration with ICF.

The EECDP, a cooperative agreement with ICF International, is designed to promote sustained and achievable reductions in energy use and associated greenhouse gas (GHG) emissions through capacity building and market transformation. Energy efficiency can be a least-cost solution for countries to address GHG levels, energy supply and demand constraints, and energy independence. Leader and Associate award projects demonstrate replicable strategies to engage a full spectrum of stakeholders, respond to local market constraints, and align policy and regulation with implementation. Since 2011, EECDP has worked with USAID missions globally addressing key questions and critical barriers around energy efficiency, and enabling strategic frameworks for use across countries and regions.

### Leader Award Highlights

#### Energy Efficiency Opportunity Study

The study identifies the best energy efficiency investments in 7 emerging markets. The assessment framework acknowledges political and market realities, and focuses on strategies with the greatest impact. The findings serve as reference points and provide insight and guidance for targeting energy efficiency programs in similar markets. A user-friendly tool can be modified to reflect changing market conditions and assess new opportunities for savings over time.

(July 2015 – September 2016)

#### Energy Efficiency Knowledge Portal for Central Asia

Developed to disseminate energy efficiency best practices across the region, the Portal includes an interactive education platform and equipment database to establish and support a local center of international best practice. The Portal reduces information barriers in order to stimulate energy efficiency investment. ICF collaborated with the Central Asia Regional Environmental Center (CAREC) to maintain and grow the Portal over time. (April 2013 – April 2014)

#### Partnership for Growth – Energy Efficiency in Tanzania & Ghana

Direct technical assistance and training provided to utilities in Tanzania and Ghana supported activities established under each country's *Joint Country Action Plan* (JCAP) to address power shortages and load shedding practices. In Tanzania, metered customer data analysis was used to assess potential energy and peak demand savings. Demand-side management (DSM) program designs, and a time-of-use rate structure for industrial sectors in both Tanzania and Ghana were developed to lower overall electricity demand. (April 2013 – December 2014)



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Homes such as ones in Lavar village in Kazakhstan (above) were constructed with energy efficiency features through the Asian Credit Fund (ACF), supported by CAEESP through resource and information development and technical assistance. Following trainings earlier in the year, by December 2012, approximately \$320,000 USD in loans were distributed.



CAEESP partnered with Oak Ridge National Laboratory (ORNL) to conduct audits like the one at a Kazphosphate plant in Taraz (above) in November 2012.

## CONTACT INFORMATION

To find out more about this program or to apply for an Associate Award, please contact:

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**Duration:** 2011-2017

### Southeast Asia Regional Energy Performance Benchmarking for the Building Sector

Partnering with an ongoing energy efficiency program at USAID Indonesia, ICF developed a common building rating system centered on the hospitality sector, and trained hotel industry building owners and operators on energy performance strategies. The benchmarking tool provides information on relative energy performance to enable owners to target buildings with the highest potential for energy-saving improvements.

*(April 2013 – December 2014)*

### Bangladesh Industrial Energy Efficiency Opportunities Assessment

Reductions in both energy demand and reliance on high-polluting back-up generators were demonstrated among Bangladesh's key industrial sectors. Cost-effective energy-saving measures were identified and prioritized through customized best practice benchmarking, then bundled together into attractive capital investment opportunities for financial institutions. USAID Bangladesh used the project results to launch a main component of their country-wide clean energy program.

*(January – November 2012)*

## Associate Award Highlights

### Ghana Integrated Resources and Resiliency Planning (IRRP) Program

USAID/Ghana is supporting a comprehensive power sector assessment to inform investments in generation, transmission and distribution, and demand reductions that are cost-effective and support low-emission economic growth.

*(April 2016 – April 2018)*

### Tanzania Integrated Resources and Resiliency Planning (IRRP) Program

The USAID/Tanzania IRRP program incorporates risks and reliability concerns associated with climate impacts into long term power sector planning. The IRRP focuses on stakeholder collaboration, and delivers technical training. Energy efficiency and green building support will lower current and future electricity load, reducing generation needs and associated costs and emissions. *(July 2015 – July 2018)*

### GCCI Clean Energy Emission Reduction (CLEER) Protocol Activity and Resources to Advance LEDS Implementation (RALI)

USAID's Office of Global Climate Change supported CLEER to create protocols to guide USAID operating units in reporting GHG emission reductions from projects in a manner both internally consistent, and compliant with international GHG mitigation project accounting standards. Activity continues under RALI to expand the suite of methodologies, improve the accessibility and utility of the tool through a web-based platform, and look beyond the calculation of GHG reduction impacts to identify and address broader needs of the global low emission development strategy (LEDS) community. *(CLEER: April 2012 – June 2014; RALI: September 2014 – 2019)*

### Central Asian Energy Efficiency Support Program (CAEESP)

USAID/Central Asian Republics supported assistance in Kazakhstan to reduce GHG intensity by stimulating investments in energy efficiency technologies and projects. Regional workshops, trainings, building audits, and strong collaborations with local programs and the private sector built capacity among stakeholders for sustained investment in energy efficiency practices.

*(September 2011 – October 2013)*