



**International Resources Group** is committed to developing environmentally sound energy services which help alleviate poverty and support broader economic development. Our experts provide technical assistance and advisory services in energy policy, power sector reform, regulation, utility management, renewable energy, and energy efficiency to help improve sector governance, support economic solutions, and build the capacity of critical institution. Our successful projects range from finding sustainable and clean fuel alternatives to restoring electricity in post-conflict environments.

## Representative Projects

### Providing Global Energy Assistance and Advice

Under this global IQC, the IRG Team provides quick response, short-, medium-, and long-term advisory services and technical assistance across the energy sector, including: policy development; legal and regulatory advice; capacity building; renewable and alternative energy sources; energy efficiency; energy sector reform; regional energy planning and trade; fossil fuel sectors; utility management; environmental resource management; transportation; rural energy services; climate change; and technology transfer. **Worldwide: Energy II IQC**

### Building Clean Energy Capacity and Energy Independence

IRG is developing the capacity of the Afghan Government to provide its people with clean, renewable energy on a national scale. The Afghan Clean Energy Project is fostering energy independence and development through increased use of renewable energy resources and technical assistance to the Ministry of Energy and Water. The project also promotes energy efficiency by implementing a detailed national power sector assessment and providing equipment and energy audits. IRG seeks to spur the development of Afghanistan's renewable energy equipment manufacturing, operation, and maintenance capacities through training of public sector employees and university staff.

**Afghanistan: Afghanistan Clean Energy Project**

### Improving Energy Efficiency in Pakistan

IRG is improving the availability, affordability, and efficiency of energy use throughout Pakistan. To do this, the IRG Team is strengthening energy efficiency and conservation practices to reduce demand in the commercial, residential, and public sectors; promote energy conservation and; and build the capacity of utilities, energy services companies, and public sector organizations. **Pakistan: Energy Efficiency and Capacity**

## Capabilities

- ◆ Energy Policy and Planning
- ◆ Energy Resource Assessments
- ◆ Commercial and Energy Development
- ◆ Energy Conservation and Efficiency
- ◆ Energy Regulatory and Restructuring Assistance
- ◆ Tariff Analysis and Review
- ◆ Rural Energy Access
- ◆ Greenhouse Gas Mitigation Options
- ◆ Climate Change Policy Support

## Promoting Energy Security and Creating Competitive Energy Markets

On behalf of USAID, IRG is working with counterpart governments and regional agencies in the Europe and Eurasia region to facilitate regional cooperation and energy trade; establish a common regulatory framework that facilitates investment; and promote a transparent, reliable regional electricity market that stimulates investments in energy efficiency and clean energy technologies that reduce greenhouse gas emissions. **Europe: E&E Regional Energy Security & Market Development**

## Strengthening the Performance of Regulatory Agencies and Energy Utility Companies

IRG is providing high-quality technical advisory services to utilities and regulatory officials in the Bangladeshi power sector to improve operational performance. IRG's approach delivers both policy support to improve the legal and regulatory climate for the energy sector, and management support to enhance the efficiency of national and local energy authorities' operations. **Bangladesh: Increasing Capacity for Energy Access in Bangladesh**

## Enhancing Performance through Energy Efficiency

Under Energy Conservation and Commercialization (ECO) III, IRG is working to enhance the commercial viability and performance of India's energy sector and reduce greenhouse gas emissions by promoting access to and utilization of clean, efficient energy technologies. The project is assisting the Indian Bureau of Energy Efficiency to develop its institutional capacity by expanding energy efficiency initiatives to the State level, improving energy efficiency in buildings and small- and medium- enterprises, providing professional curriculum development and training for energy professionals, and building upon the framework for energy efficiency risk financing. **India: Energy Conservation and Commercialization (ECO) III**

## Providing Technical Assistance for Heating Reform

IRG is working to help Ukraine transform municipal heating into a financially viable, well-managed, and equitably regulated sector that delivers quality services at affordable prices. The MHR Project Team works with Government of Ukraine counterparts to strengthen the legal, regulatory, and institutional framework to improve heating services, while bringing the heating sector into compliance with EU

legislation. The MHR Project Team recently selected 35 cities for pilot projects to assess municipal energy systems, develop municipal energy plans, obtain financing for efficiency improvement projects, implement energy efficient technologies and methodologies, and monitor results. IRG is implementing a strong outreach program to educate citizens and elevate public awareness and participation in energy efficiency activities. **Ukraine: Municipal Heating Reform Project**

## Restoring Electricity in Post-Conflict Environment

From July 2006 through today, IRG has worked collaboratively and closely with Liberian public and private counterparts to restore electricity services after a 12-year civil war. In 2006, when the lights came on again in Monrovia, IRG was there providing fuel procurement, utility support, logistics services under the auspices of USAID. Throughout 2007 and 2008, our team implemented pilot solar power projects that brought electricity to rural clinics, schools, community centers, and small businesses. We worked with national, county and local officials to develop the National Energy Policy (NEP) and the Executive Order to formally establish the Rural Renewable Energy Agency (RREA). We continue to support revitalization of the energy sector, now through Norwegian funding. **Liberia: Emergency Power Program**

## Gaining Credit for Reducing Carbon Emissions

IRG promotes regional policies and market transformations in Asia that encourage investment in clean energy technologies while addressing Asia's economic productivity, energy security, and environmental challenges. With activities in China, India, Indonesia, the Philippines, Thailand and Vietnam, IRG is taking a regional approach to solving problems, by sharing information, demonstrating solutions, and building partnerships with the private sector and civil society. IRG's work focuses on three priority sectors: supply-side energy efficiency, demand-side energy efficiency, and financing for clean energy projects. **Asia Regional: Clean Energy Development**