Project Summary

Project Background
The program is part of the "Uzbekistan Energy Efficiency Facility for Industrial Enterprises Project" (UZEEF), which is being implemented in accordance with the Resolution of the Cabinet of Ministers dated July 25, 2011. The UZEEF consists of two components: (a) capacity building in energy efficiency (EE) and project management; and (b) a credit line of for investments in energy efficiency of industrial enterprises, administered by the participating banks. One of the objectives of component (a) is capacity building in energy efficiency, enhancing the knowledge, experience and skills in the identification, preparation and implementation of energy efficiency projects in the industrial sector through a training program. Therefore, Ministry of Economy (MoE) launched a new sub-project in order to meet the requirements of the component.

Project Objectives
The objective of the program is to build capacity and knowledge of specialists of selected industries (mining, chemical, oil and gas industries) and industrial associations in energy efficiency, in three major directions: (1) enterprise energy management – this would include introduction of the enterprise energy management system, energy audit, project identification and investment planning; (2) common industrial EE measures and technologies; (3) EE measures related to specific industries, in this case, mining, oil, gas and chemicals, including:
- training and skills development of industrial engineers, focusing on enhancement of competencies, to synthesize with existing experience, identify unused opportunities and create new ideas in industrial energy efficiency;
- training of professionals who work in innovative organizations (enterprises), developing (or marketed) new energy-saving technologies in order to develop their managerial skills and acquiring the knowledge necessary for the development of energy efficiency products.

Project Results
Development of a program and provision of advanced training for industrial engineers, power specialists of the mining, chemical, oil and gas industries in area of energy efficiency. The training program consisted of 2 cycles – (i) theoretical (lectures) for 7 days and (ii) practical exercises (case studies) for 3 days.

Services Provided
- Capacity Needs Assessment
- Preparation of materials (teaching methods and handouts) of the lectures course and workshops on energy efficiency in the following industrial sub-sectors: mining, chemical, oil and gas industries;
- Conduct trainings using modern educational technologies: managerial and professional training, interactive learning methods, business games, analysis, case studies providing on EE for industrial engineers in two languages (English and Russian)
- Set of Tests: pre-test and post-test, which held final examination of students at the end of training
- Final Report on the results of course of study detailing the methodology, conclusions and suggestions and recommendations.
- Video Recording of the whole training sections

Uzbekistan
Program to enhance capacity of industrial engineers, power specialists in the area of energy efficiency

Client
The World Bank

Duration
24/08/2016 - 24/10/2016

Personnel
- pool of internat. STE (1,7 PM)
- pool of national STE (1,1 PM)