Project Summary

Project Background
The lack of an integrated high-voltage transmission system, coupled with the high cost of imported diesel fuel, has made electricity in Cambodia among the costliest in the world. The Royal Government of Cambodia (RGC) is in the process of implementing development plans focusing on power generation and extension of the national grid, in order to improve the country’s electricity supply and to decrease electricity costs. RGC also recognises that the potential for Energy Efficiency (EE) within the existing power generation and consumption also needs to be harnessed. However, in the moment, RGC does not have a policy or strategy for Energy Efficiency in place to contain energy consumption while increasing energy availability. The EUEI PDF received a request from the Ministry of Industry, Mines and Energy (MIME) of Cambodia to support the development of an Energy Efficiency Policy and Strategy as well as a targeted Action Plan, focusing primarily on the electricity consumption and eventually electricity distribution (focus in rural areas). The EE policy will need to cover, among others, EE in industry, commercial buildings and households, setting targets and priorities, while the EE strategy develops and describes incentives, mechanisms and instruments to translate the policy in a practical action plan.

Project Objectives
The objective of the assignment is to support the MIME in the development of a:
• National Energy Efficiency Policy
• Energy Efficiency Strategy, to achieve the policy targets
• Action Plan (implementation plan)

Project Activities
TASK 1: SECTOR ANALYSIS AND STAKEHOLDER CONSULTATIONS including analysis of data collected from EE stakeholders; a review of existing technical studies on the energy sector development, energy consumption and energy efficiency; a review of the experiences with previous energy projects carried out by donors; consultations with various stakeholders.

TASK 2: DIAGNOSIS AND TARGET SETTING – Based on the analysis the Consultant will agree overall principles of demand-side management; Select priority sectors/subsectors; Set targets for the EE policy; the targets for the EE policy should be aligned with the country’s existing energy policies (incl. rural electrification and diversification of generation) and broken down for the various end-use subsectors (urban and rural areas, industry, commercial buildings, households, etc.); Define a suitable institutional framework for the implementation of the policy.

TASK 3: DEVELOPMENT OF A DRAFT NATIONAL ENERGY EFFICIENCY POLICY - Based on the feedback from the Inception Workshop, the Consultant will draft the National Energy Efficiency Policy including Development of an Energy Efficiency Strategy and of an Action Plan.

Services Provided
• Consultations with various Key Stakeholders
• Organization of an Inception Workshop
• Draft National Energy Efficiency Policy
• Development of an Energy Efficiency Strategy
• Development of an Energy Efficiency Action Plan
• Organization of a Final Workshop

Cambodia
Development of a National Energy Efficiency Policy, Strategy and Action Plan

Client
German International Cooperation (GIZ)

Duration
08/2012 - 03/2013

Personnel
• Pool of internat. STE (8,5 PM; Team leader, Industrial Expert, Building Expert, Rural Electricity Expert, Biomass Expert)
• 1 national STE (1 PM; Legal Advisor)