

SEMISE AD HOC TECHNICAL ASSISTANCE TASK

AHEF No. KZ 67

Project Title

Capacity Building: Industry Energy Audit Analysis for Bankable Projects

Country (s) Kazakhstan

Timescale for implementation June 2011, Astana

Beneficiary(s)

“Kazakh Energy Expertise” at the National Energy Supervision Committee of the Ministry of Industry and New Technologies

Main and specific objectives

The main objectives of this capacity building were

- To teach sound business practice using life cycle cost analysis in development of EE/RES projects.
- To teach how to optimize energy conservation measures (ECMs) for maximum benefit and avoid life cycle losses.
- To teach realistic analysis, free of hypothetical input, through rigorous reality checks.

Specific objectives were

- To teach authorities; to teach senior engineers with decision making responsibility; and especially to reach out to teachers capable of training others about high quality project analysis.
- To impart practical skills through workshop exercises.

Results achieved

Thirty one participants attended the seminar. Twenty eight received certificates for participating in all activities for two and a half days. Participants formed working groups to analyse hypothetical energy efficiency and renewable energy projects. Then each group presented its proposal to the rest of the audience and instructors for judging.

In the afternoon of the 3rd day, the SEMISE experts conducted a train-the-trainers session with 14 future instructors.

The impact of the seminar was measured by means of a quiz and evaluation questionnaire. All working groups passed the quiz. Participants’ general opinion of the workshop was very high (>95% satisfaction). They expressed a desire for further training.

Useful information/ relevant documents

SEMISE instructors gave electronic versions of all training material to participants during the seminar. Materials are available from the SEMISE project office by contacting Mr. L. Good at l.good@inogate.org or Mr. V. Ternytskyi at v.ternytskyi@inogate.org.

The beneficiary will develop its own training programme on energy auditing based on information and material given in the seminar. Some participants expressed the same intent.

Contact point for further information: Larry Good

L.good@inogate.org