
Consulting Services under STEEM Project and Energy Audits

Objective:

The objective of the event is (i) to inform potential providers of consulting services about the launched tender for consulting services under the STEEM Project and (ii) to update knowledge and methodology for detailed energy audits and assessment of energy efficiency measures in the frame of retrofit of public buildings.

Event host: Moldova Energy Project Implementation Unit (MEPIU)

Languages: English, Romanian

Location: Bristol Central Park Chisinau, 32 Alexandru Puşkin Street, 3rd Floor – Conference

Agenda:

Time	Topic	Description
13:00–13:20	The STEEM Project	<ul style="list-style-type: none">- Objectives, components, implementation plan- Instructions for Bidders: Guidelines and Administrative Requirements for RFP – Technical Consulting Services
13:20–13:50	Introduction to Energy Audits of Public Buildings	<ul style="list-style-type: none">- EE project lifecycle- Energy audit objectives and methodology- General assumptions (climate, building types, energy costs, etc.)- Building assessment and baseline (models)
13:50–14:10	Regulatory Framework	<ul style="list-style-type: none">- Overview of regulatory framework (minimum performance requirements, energy certificate and classes)- NCM M 01.01, Law no. 258/2023
14:10–14:25	Aspects Accompanying Energy Audits	<ul style="list-style-type: none">- Walk-through energy audits- Screening of seismic and structural soundness (brief guideline)- Identification of non-EE measures- Consumption measurement: equipment, indicators, benchmarking
14:25–14:45	Coffee / Tea Break	—
14:45–15:15	Energy Saving Measures	<ul style="list-style-type: none">- Overview of EE measures, technology specifications, materials and equipment- Conceptual design of heating solution- Optimized composition of measures according to building needs and EPC target
15:15–15:35	Building-Integrated Renewable Energies	<ul style="list-style-type: none">- Rooftop solar PV systems: preliminary, conceptual design- Heat pumps: application, sizing principles- Pellet/briquette boilers: application, sizing principles

15:35–16:05	Energy Audit Report	<ul style="list-style-type: none"> - Structure, content, formal requirements, key outputs - Data analysis using EE software - Investment cost analysis - Financial and economic analysis - Risk identification and assessment - Technical components of bidding documents (list of goods, priced BoQ, heating/RE design)
16:05–16:20	Post-Implementation Monitoring & Verification	<ul style="list-style-type: none"> - M&V plan - Metering and aggregation of energy consumption - Energy data management - Calibrated savings (energy, emissions, costs) - Energy performance certificate
16:20–16:40	Q&A Session	<ul style="list-style-type: none"> - E.g. qualification requirements, timeframe for consulting services including detailed audits