

Technical Workshop
Expert Discussion

Quality Control of Energy Audits for the Industry

September 6, 2023

Venue: IQ Coworking, Dostyk street 5, Astana city.

The objective of the technical workshop: co-creation of the “Energy audits quality control system 2.0” for Industry in Kazakhstan.

Key steps:

1. Understanding and Mapping the existing quality control system in Kazakhstan
2. Identify possible gaps and improvement opportunities
3. Explore the options and discuss their suitability for implementation

Agenda:

Welcome coffee: 14:00 – 14:30

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>	<i>Preliminary contents</i>
14:30 14:40	Opening of the workshop	Bagustar Begentayev, IEED Paata Janelidze	Opening words from: <ul style="list-style-type: none"> • Electric Power and Energy-Saving Development Institute • SECCA Project
14:40 14:50	Introduction and ice-breaking activity	Karolis Januševičius, SECCA All participants	<ul style="list-style-type: none"> • Introduce the objective and purpose, the subject to be explored, and what experiences it will cover. The information was obtained before the meeting. • Brief round of introductions by participants • Participants share their expectations from the workshop
Session 1: Understanding and Mapping the existing quality control system in Kazakhstan			
Moderators: Karolis Januševičius, Lead Expert in Energy auditing, SECCA; Ilze Purina, Key Expert in energy sector governance, SECCA			
14:50 15:15	Overview of the Current Situation in Kazakhstan	Karolis Januševičius, SECCA	<ul style="list-style-type: none"> • Brief on current quality control for energy audits in Kazakhstan • Discussion of strengths and weaknesses based on initial assessment
		All participants	<ul style="list-style-type: none"> • Interactive exercise: Participants to share one challenge and one success they've experienced in their work related to energy audits

Time	Topic	Speaker	Preliminary contents
15:15 15:40	Quality and Value in Energy Audits	Karolis Januševičius, SECCA	<ul style="list-style-type: none"> • Introduction of the concepts of quality and value in energy audits • The relationship between customer value and the quality of energy audits • Enabling and encouraging value creation
		All participants	<ul style="list-style-type: none"> • Small Group Discussion: How can we increase the value delivered through energy audits in Kazakhstan?
15:40 16:00	Quality Management System	Karolis Januševičius, SECCA	<ul style="list-style-type: none"> • Key elements of a quality management system • The importance of quality auditors, clarity of the auditing process, and stringent quality control
		All participants	<ul style="list-style-type: none"> • Exercise: Identifying the elements in the current system in Kazakhstan • Participants to share their insights on these elements and how they are currently managed
16:00 16:20	Coffee break		
Session 2: Identify possible gaps and improvement opportunities Moderators: Karolis Januševičius, Lead Expert in Energy auditing, SECCA; Ilze Purina, Key Expert in energy sector governance, SECCA			
16:20 16:45	Performing Quality control & Measuring Quality	Karolis Januševičius, SECCA	<ul style="list-style-type: none"> • How to perform quality control in energy audits • The need for and methods of measuring quality • How to use individual and overall quality metrics to improve the existing system
		All participants	<ul style="list-style-type: none"> • Pair Discussion: Brainstorm ideas for measuring and improving the quality of energy audits in Kazakhstan
16:45 17:10	Best Practices from the European Union Member States (EU MSs) and EnC CPs	Karolis Januševičius, SECCA	<ul style="list-style-type: none"> • Introduction to EU MSs and EnC CPs best practices in implementing energy audit systems • Energy audit process - strategy, steps, and how to derive more value from it.
		All participants	<ul style="list-style-type: none"> • Exercise: Discussion on the potential implementation of EU best practices in Kazakhstan • Participants provide insights on the feasibility of implementing these practices
Session 3: Explore the options and discuss their suitability for implementation Moderators: Karolis Januševičius, Lead Expert in Energy auditing, SECCA; Ilze Purina, Key Expert in energy sector governance, SECCA			
17:10 17:35	Legal Environment and Institutional Setup for Quality Control	Karolis Januševičius, SECCA	<ul style="list-style-type: none"> • Introduction to the legal environment for energy audits and quality control • Exploring how quality control procedures should be organised and supervised within the legal framework
		All participants	<ul style="list-style-type: none"> • Discussing potential changes to the current setup in Kazakhstan

Time	Topic	Speaker	Preliminary contents
			<ul style="list-style-type: none"> • Group exercise: Participants analyse how legal changes could affect their work
17:35 18:00	Participant Discussion and Workshop Closure (40 min)	All participants	<ul style="list-style-type: none"> • Participants share their thoughts on the topics discussed • Discussing potential barriers and solutions for implementing proposed improvements • Review of expectations stated at the beginning and reflection on whether they were met
18.00	Closing	All participants	<ul style="list-style-type: none"> • Wrap-up and closing remarks by the workshop facilitator • Upcoming development steps of roadmap and recommendations • Closing remarks from Electric Power and Energy-Saving Development Institute • Closing Remarks from SECCA