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Second National Stakeholder Consultation Workshop and Capacity Building on the National Expert SDG Tool for Energy Planning (NEXSTEP) for the SDG 7 Roadmap for Kazakhstan

UN Development Account project

**“Strengthening energy policies of Countries with Special Needs to build
back better from COVID-19”**

Astana, Kazakhstan and online

Venue: Ritz Carlton Astana, 2nd floor, Ballroom IV

9 November 2023

14:00-16:00 (Astana) / 9:00-11:00 (Geneva) / 15:00-17:00 (Bangkok)

The United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) and the United Nations Economic Commission for Europe (UNECE) are implementing jointly the UNDA project “[Strengthening energy policies of Countries with Special Needs to build back better from COVID-19](#)” (January 2022-June 2025) for eight beneficiary countries. UNECE is responsible for activities in three of them: Armenia, Kazakhstan, and Uzbekistan. The project is aimed at supporting national Kazakhstan obligations in the framework of the SDGs implementation. The main goal of the project is to develop a roadmap to achieve Sustainable Development Goal 7 (SDG7) “Ensuring access to affordable, reliable, sustainable and modern energy sources for all.”

The first National Stakeholder Consultation Workshop on the Development of an SDG7 Roadmap for the Republic of Kazakhstan was held on 2 February 2023 in Astana. It presented the National Expert SDG Tool for Energy Planning ([NEXSTEP](#)), which is an integrated and innovative approach to policy decision-making that combines technical, economic, and socio-environmental analysis under a methodology that has been peer-reviewed by a panel of external experts. The tool supports the development of national SDG 7 roadmaps to provide policymakers with scenarios that estimate the share of different energy resources and identify the technological interventions required; economic analyses to provide insights into feasible interventions; and policy analyses to guide the development of balanced national policies.

In the course of 2023, ESCAP and UNECE, with support of the national consultant, collected data on energy intensity in industry, residential, transport and commercial sectors in Kazakhstan. With the use of NEXSTEP, energy and emissions modelling, multiple scenario development, and economic analysis have been completed following an intensive data collection process. Key results and findings from the analysis will be discussed with stakeholders at the workshop to seek comments and suggestions and expert opinions to ensure that these findings are meaningful and aligned with Kazakhstan’s specific context. Once agreed upon, these scenarios will form the basis for the development of the SDG7 Roadmap.

DRAFT AGENDA

13:45 – 14:00	Registration and online platform setup
14:00 – 14:20	<p>Opening remarks</p> <ul style="list-style-type: none"> • Ms. Alma Zhukenova, Deputy Director, Department of Renewable Energy Sources, Ministry of Energy of the Republic of Kazakhstan • Ms. Ainur Sospanova, Chairman of the Management Board, Qazaq Green Association • Mr. Michael Williamson, Chief of Section, Energy Division, UNESCAP (online) • Mr. Oleg Dzioubinski, Regional Adviser, Sustainable Energy Division, UNECE
	Group photo
14:20 – 14:30	<p>Welcome and workshop introduction</p> <ul style="list-style-type: none"> • Mr. Oleg Dzioubinski, Regional Adviser, Sustainable Energy Division, UNECE • Mr. Yernar Bilyalov, UNECE National Consultant for Kazakhstan
14:30 – 14:45	<p>Introduction and Overview of the NEXSTEP Tool</p> <ul style="list-style-type: none"> • Mr. Vitaly Bekker, UNECE International Consultant <ul style="list-style-type: none"> ○ Purpose and objectives ○ Benefits and uses of NEXSTEP
14:45 – 15:15	<p>Presentation of the SDG7 roadmap scenarios</p> <ul style="list-style-type: none"> • Mr. Anis Zaman, UNESCAP International Consultant (online) <ul style="list-style-type: none"> ○ Scenario-based results for Kazakhstan ○ Technological options and policy measures to achieve SDG7 targets ○ Key take-away points • Ms. Tatiana Vedeneva, President, Center for Renewable Energy and Energy Efficiency Development (CREEED) <ul style="list-style-type: none"> ○ Experience with SDG7 roadmap scenarios for Kyrgyzstan
15:15 – 15:35	<p>Training on the NEXSTEP Tool by ESCAP</p> <ul style="list-style-type: none"> • Mr. Anis Zaman, UNESCAP International Consultant <ul style="list-style-type: none"> ○ Browsing through scenarios, indicators ○ Making adjustments to scenarios and indicators ○ Performing analyses and viewing results ○ Maintenance
15:35 – 15:50	<p>Discussion, Q&A: moderated by Mr. Oleg Dzioubinski</p> <ul style="list-style-type: none"> • Review of the key findings • Comments and recommendations
15:50 – 16:00	<p>Wrap up and closing</p> <ul style="list-style-type: none"> • Mr. Oleg Dzioubinski, Regional Adviser, Sustainable Energy Division, UNECE • Mr. Anis Zaman, UNESCAP International Consultant (online)
16:00 – 16:30	Networking and coffee