

International Conference

Sustainable Energy for Environmental Protection. Reviewing International Best Practice

28 November 2024

Venue: State Energy Institute of Turkmenistan

To promote renewable energy and energy efficiency, Turkmenistan is currently reviewing strategies and mechanisms for their implementation. Therefore, it is crucial to discuss further actions with key national stakeholders, international donors, and partners, while taking the opportunity to integrate lessons learned and experiences accumulated by EU Member States (EU MS) into the continued process of developing a sustainable energy strategy in Turkmenistan.

The conference will be a practical forum where decision-makers and experts can exchange practical experiences in implementing sustainable energy policies. Additionally, it will provide an opportunity to share experiences and best practices based on lessons learned by EU MS.

National stakeholders, policymakers, experts, professional associations, academic representatives, civil society, and donors will participate in the Conference.

The conference is organised by the Ministry of Energy of Turkmenistan, the Ministry of Education of Turkmenistan, SECCA project, and UNDP project "Sustainable Cities in Turkmenistan: Integrated Green Urban Development in Ashgabat and Awaza".

Preliminary agenda

9:00-9:10	Registration	
9:10-9:20	Group photo	
Opening speeches		
9:20-09:30	<i>Robert Brudzinski, Programme Manager, Delegation of the European Union to Kazakhstan</i>	
	<i>Aganiyaz Jumaev, Vice-Rector of the State Energy Institute of Turkmenistan (SEIT), Ministry of Energy of Turkmenistan</i>	
	<i>Batyr Ballyev, Project Manager, UNDP</i>	
	<i>Paata Janelidze, Team Leader, Key expert in energy engineering, SECCA</i>	
	<i>Ilze Purina, Key Expert in energy sector governance, SECCA</i>	
Session 1: Comprehensive Solutions for Sustainable Energy Development <i>Moderator: Aganiyaz Jumaev, Vice-Rector of SEIT, Ministry of Energy of Turkmenistan</i>		
09:30 - 09:50	Renewable Energy Development Path in Turkmenistan	Aganiyaz Jumayev Vice-Rector SEIT
09:50 - 10:15	Challenges for the participation of Turkmenistan in the project mechanisms under Article 6 of the Paris Agreement	Paata Janelidze Team Leader, Key expert in energy engineering

		SECCA
10:15 - 10:40	European Union's Experience in Promoting Energy Efficiency: Achieved Results and Prospects	Ilze Purina Key expert in energy sector governance SECCA
10:40 - 11:00	Green building certification – decarbonisation of building stock and creating healthy built environment	Maija Dzirkale International consultant SECCA
11:00 - 11:30	Features of Implementing Energy Efficiency Technologies in New Construction Projects	Agris Kamenders International consultant SECCA
11:30 - 12:00	<i>Coffee break</i>	
12:00 - 12:30	Kazakhstan's Experience in Renewable Energy Development: Achievements and Challenges (video presentation)	Zhaxylyk Tokayev Expert in EE SECCA (video presentation)
12:30 - 13:00	The Significance of Turkmenistan's New Laws "On Renewable Energy Sources", "On Energy Saving and Energy Efficiency", and the "National Strategy for Renewable Energy Development in Turkmenistan until 2030" for Achieving Sustainable Development Goals and Complying with the Paris Agreement on Climate	Elena Zhuchenko International consultant for the UNDP project on Developing Legal Framework for RES and EE (online)
13:00 - 14:00	<i>Lunch Break</i>	
Session 2: Sustainable Energy - the Energy of the Future <i>Moderator: Amirkhan Myatyakubov, PhD Student, Research and Production Centre for "Renewable Energy Sources" (RPC RES) of SEIT</i>		
14:00 - 14:30	Using Microalgae for Bioenergy Purposes to Achieve Sustainable Development Goals	Ovezdurdy Jumadurdyev Senior Researcher, SEIT
14:30 - 14:50	Methods of Using Solar Energy for Biofuel Production	Ogoloraz Saparliyyeva Senior Lecturer, SEIT PhD student
14:50 - 15:10	Youth Involvement and the Role of International Organisations in Promoting Solutions for Sustainable Energy Transition	Dzhemal Durdykova UNDP Project Specialist
15:10 - 15:30	Software for the Development of Renewable Energy Use in Turkmenistan's Regions	Nurmuhammet Allanazarov Engineer, SEIT, PhD student
15:30 - 16:00	<i>Coffee break</i>	
16:00 - 16:30	Opportunities for Using Local Oils and Fats in Thermal Energy Storage and Concentrated Solar Power (CSP) Systems	Amirkhan Myatyakubov PhD student, SEIT
16:30 - 16:50	Methods for Connecting Photovoltaic Solar Power Stations to the General Electric System	Parahat Orazmamedov PhD student, SEIT
16:50 - 17:10	"Green" Hydrogen in Turkmenistan - Prospects and Challenges. Model of Turkmenistan's Solar-Hydrogen Energy System	Vepa Saryev PhD student, SEIT
17:10 - 17:30	Discussion and conclusion of the International Conference. Certificates Presentation. Closing of the international conference.	