

## The European Union – Turkmenistan Sustainable Energy Days 2023

### International Conference Sustainable energy in Turkmenistan: prospects and challenges

**14 December 2023**

State Energy Institute of Turkmenistan, Mary  
(*hybrid format*)

Currently, Turkmenistan is at the stage of revising policies and implementation mechanisms to promote sustainable energy. Therefore, now is the right time to discuss the way forward with key national stakeholders, international donors, and partners, as well as seize the opportunity to integrate lessons learned and experiences gained in the EU Member States (EU MSs) and Energy Community Contracting Parties (EnC CPs) into the further process of sustainable energy policy development in Turkmenistan.

This conference will provide an action-oriented forum for decision-makers to share experiences in the implementation of sustainable energy policies in practice. It will gather national stakeholders, energy policymakers, professionals as well as professional associations, academia representatives and civil society organizations, donors, and IFIs.

The Conference was organised by the EU through its project “Sustainable Energy Connectivity in Central Asia (SECCA)”, in partnership with the UNDP project "Sustainable Cities in Turkmenistan: Integrated development of green cities in Ashgabat and Avaza", and with the support of the Ministry of Energy, the Ministry of Education, and the Hyakimlik of Mary Velayat. It is a part of the European Union – Turkmenistan Sustainable Energy Days 2023 campaign.

### Agenda

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| 9:30-9:50  | <i>Registration</i>  |
| 9:50-10:00   | <i>Group photo</i>   |
| <b><i>Opening statements</i></b>   |  |
| 10:00-10:30  | <b>Abdyrahman Myraturdyev</b> , Chief Specialist, Ministry of Energy of Turkmenistan |
|  | <b>Bakhar Serdarova</b> , Ministry of Education of Turkmenistan                      |
|  | <b>Beata Peksa</b> , Ambassador of the European Union to Turkmenistan (online)       |
|  | <b>Aganiyaz Jumayev</b> , Vice-Rector of the State Energy Institute of Turkmenistan  |
|  | <b>Paata Janelidze</b> , Team Leader and Key Expert in energy engineering, SECCA     |
|  | <b>Jemal Durdykova</b> , UN Development Programme in Turkmenistan                    |
| <b><i>Session 1: Energy Efficiency – from policy design to implementation</i></b>  |  |
| <i>Moderator: Aganiyaz Jumayev, Vice-Rector of the State Energy Institute of Turkmenistan under the Ministry of Energy of Turkmenistan</i> |  |

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| 10:30-10:45  | <b>Overall policy and legal framework for the promotion of end-use energy efficiency in the EU</b>          | <b>Ilze Purina</b><br>Key expert in energy sector governance<br>SECCA<br><a href="https://secca.eu">https://secca.eu</a>  |
| 10:45-11:00  | <b>Overall EU policy and legal framework for ecodesign and energy labelling of electric appliances</b>      | <b>Linda Rinkule (ONLINE)</b><br>Deputy Director<br>Consumer Rights Protection Center of Latvia<br><a href="https://www.ptac.gov.lv/en">https://www.ptac.gov.lv/en</a>  |
| 11:00-11:15  | <b>Improving the legislative framework for the development of end-use energy efficiency in Turkmenistan</b> | <b>Abdyrahman Myratdurdyev</b><br>Chief Specialist, Department of Prospective Development<br>Ministry of Energy of Turkmenistan<br><a href="https://www.minenergo.gov.tm/">https://www.minenergo.gov.tm/</a>  |
| 11:15-11:30  | <b>Achievements of Turkmenistan in the area of climate change mitigation</b>                                | <b>Tavus Mammadova</b><br>Senior Lecturer, Department of Chemistry and Chemical Technologies<br>State Energy Institute of Turkmenistan<br><a href="https://education.gov.tm/en/">https://education.gov.tm/en/</a>   |
| 11:30-11:45  | <b>Promotion of EE in Kazakhstan – evolution and lessons learned</b>  | <b>Zhaksylyk Tokaev</b><br>National coordinator in Kazakhstan<br>SECCA<br><a href="https://secca.eu">https://secca.eu</a>   |
| 11:45-12:00  | <b>Using solid household waste to produce electrical and thermal energy. Zero waste experience.</b>         | <b>Jemal Durdykova</b><br>Project Specialist<br>UNDP project “Sustainable Cities in Turkmenistan: Integrated Green Urban Development in Ashgabat and Avaza”<br><a href="https://www.undp.org/turkmenistan">https://www.undp.org/turkmenistan</a>  |
| 12:00-12:30  | <i>Coffee break</i>   |   |
| <b>Session 2: Energy Efficiency in Industry and Buildings</b><br><i>Moderator: Dovlet Allayarov, Head of the Agency for the Development of Renewable Energy Sources under the Ministry of Energy of Turkmenistan</i> |   |   |
| 12:30-12:45  | <b>EU approach to the promotion of energy efficiency - lessons learned and a way forward</b>                | <b>Karolis Janusevicius</b><br>Expert in Energy efficiency<br>SECCA<br><a href="https://secca.eu">https://secca.eu</a>  |
| 12:45-13:00  | <b>Increasing water security by cultivating microalgae in drainage waters</b>                               | <b>Ovezdurdy Dzhumadurdyev</b><br>Senior Researcher at the Research and Production Center "Renewable Energy Sources"<br>State Energy Institute of Turkmenistan<br><a href="https://education.gov.tm/ru/edu/detail/turkmenistanyn-dovlet-energetika-instituty/">https://education.gov.tm/ru/edu/detail/turkmenistanyn-dovlet-energetika-instituty/</a> |
| 13:00-13:15  | <b>Energy management systems in municipalities – from obligation to practical implementation</b>            | <b>Valdis Ratniks (ONLINE)</b><br>Head of the Energy Efficiency Information Center<br>Riga Energy Agency<br><a href="https://rea.riga.lv/en">https://rea.riga.lv/en</a>   |

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|  | (experience of Riga city, Latvia)   |   |
| 13:15-14:30  | Lunch   |   |
| <b>Session 3: Integrated solutions for the promotion of RE</b><br>Moderator: <i>Abdyrahman Myratdurdyev</i><br>Chief Specialist, Department of Prospective Development under the<br>Ministry of Energy of Turkmenistan         |   |   |
| 14:30-14:45  | <b>Overall policy and legal framework for the promotion of RE in the EU</b>                     | <b>Paata Janelidze</b><br>Key expert in energy engineering<br>SECCA<br><a href="https://secca.eu">https://secca.eu</a>  |
| 14:45-15:00  | <b>Relevance and prospects of bioenergy in Turkmenistan</b>                                     | <b>Ogaluraz Saparliyeva</b><br>Senior Lecturer<br>State Energy Institute of Turkmenistan<br><a href="https://education.gov.tm/en/">https://education.gov.tm/en/</a>   |
| 15:00-15:15  | <b>Evolution of Renewable Energy promotion in Kazakhstan – achievements and lessons learned</b> | <b>Zhaksylyk Tokaev</b><br>National coordinator in Kazakhstan<br>SECCA<br><a href="https://secca.eu">https://secca.eu</a>   |
| 15:15-15:30  | <b>Scaling up Renewable Energy in Central Asia</b>  | <b>Patrick Meyer</b><br>Energy Advisor<br>USAID Central Asia Regional Mission<br><b>Bayan Abylkairova</b><br>Deputy Chief of Party<br>USAID Power Central Asia Program<br><a href="https://www.usaid.gov/ru/fact-sheet/usaid-power-central-asia">https://www.usaid.gov/ru/fact-sheet/usaid-power-central-asia</a> |
| 15:30-15:45  | <b>Concept for the development of rooftop solar in Tajikistan</b>                               | <b>Mansurdzhon Kudusov (ONLINE)</b><br>Expert in Rooftop Solar Energy<br>SECCA<br><a href="https://secca.eu">https://secca.eu</a>   |
| 15:45-16:00  | <b>Renewable Energy Zones and Integration in Turkmenistan</b>                                   | <b>Oleg Ryaskov</b><br>Energy Technical Lead<br>USAID Power Central Asia Program<br><a href="https://www.usaid.gov/ru/fact-sheet/usaid-power-central-asia">https://www.usaid.gov/ru/fact-sheet/usaid-power-central-asia</a>   |
| 16:00-16:15  | <b>Guarantee of origin for renewable energy – implementation experience in Georgia</b>          | <b>Vakhtang Begashvili</b><br>Expert in Guarantee of Origin for Renewable Energy<br>SECCA<br><a href="https://secca.eu">https://secca.eu</a>  |
| 16:15-16:45  | Coffee break  |   |
| <b>Session 4: Green Hydrogen Future</b><br>Moderator: <i>Kakageldi Saryev</i> , Director of the Research and Production Center “Renewable Energy Sources”, State Energy Institute under the Ministry of Energy of Turkmenistan |   |   |
| 16:45-17:00  | <b>Concept for the promotion of Green Hydrogen in Georgia</b>                                   | <b>Murman Margvelashvili</b><br>Founder and Board member<br>World Experience for Georgia, WEG<br><a href="http://weq.ge/en">http://weq.ge/en</a>  |

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|   |  | Associate Professor<br><i>Iliia State University</i><br><a href="https://iliauni.edu.ge/en/">https://iliauni.edu.ge/en/</a>  |
| 17:00-17:15                               | <b>Green Hydrogen in<br/>Turkmenistan –<br/>prospects and<br/>challenges</b> | <b>Aganiyaz Jumayev</b><br>Vice-Rector<br><i>State Energy Institute of Turkmenistan, Ministry of<br/>Energy of Turkmenistan</i><br><a href="https://tdei.edu.tm/">https://tdei.edu.tm/</a> |
| <b><i>Closing remarks. Summing up</i></b> |  |  |
| 17:15-17:30                               | <i>Ministry of Energy of Turkmenistan</i>                                    |  |