



**TESC 2025**  
TURKMEN ENERGY SCIENTIFIC CONFERENCE

**4-5 June, 2025**  
**Ashgabat, Turkmenistan**

**INTERNATIONAL SCIENTIFIC AND  
PRACTICAL CONFERENCE  
"ENVIRONMENTAL ASPECTS OF  
IMPLEMENTING INNOVATIVE  
TECHNOLOGIES IN THE  
DEVELOPMENT OF HYDROCARBON  
FIELDS"**



**PROGRAMME  
03.06.2025**



**ORGANISERS**



**CO-ORGANISER**



**KNOWLEDGE PARTNER**



**TECHNICAL PARTNER**

For more information: [www.tesc-turkmenistan.com](http://www.tesc-turkmenistan.com)



**TESC 2025**  
TURKMEN ENERGY SCIENTIFIC CONFERENCE

## MEDIA PARTNERS



**TURKMENISTAN**





# TESC 2025

TURKMEN ENERGY SCIENTIFIC CONFERENCE

## INTERNATIONAL SCIENTIFIC AND PRACTICAL CONFERENCE "ENVIRONMENTAL ASPECTS OF IMPLEMENTING INNOVATIVE TECHNOLOGIES IN THE DEVELOPMENT OF HYDROCARBON FIELDS"

### 4-5 June, 2025

### Ashgabat, Turkmenistan

Venue: Scientific Research Institute of  
Natural Gas of the SC "Turkmengas",  
Archabil Avenue, 58

## PRE-CONFERENCE DAY

### Wednesday, 4 June, 2025

10:00 – 16:00

**Delegate Registration in the Foyer of the Scientific Research Institute of Natural Gas of the State Concern "Turkmengas"**

10:30 – 12:00

**UN Pre-Conference Round Table: Supporting Policy Making and National Capacity towards Green Energy Transition in Turkmenistan**

**MODERATOR**

**Dmitry Shlapachenko**  
– UN Resident  
Coordinator for  
Turkmenistan



**SPEAKERS**

**Jalpa Ratna** – Head of the Representation office, UNICEF  
**Tomica Paovic** – UNDP Deputy Resident Representative  
**Magtymguly Akmuradov** – Advisor on Climate Issues, MFA of Turkmenistan  
**Baynazar Muhammedov** – SDG Ambassador  
**Gurbangul Sapargeldiyeva** – SDG Ambassador  
**Jemile Umarova** - SDG Ambassador  
**Dovletgeldi Atayev** - SDG Ambassador

15:00 – 16:30

**SPE Pre-Conference Round Table: Increasing Hydrocarbon Production in Mature Fields with AI**

**MODERATOR**

**Chary Annanepesov**  
– Chairman, Ashgabat  
Section of SPE



**SPEAKERS**

**Alexey Borisenko** – Regional Director, SPE Russia and Caspian  
**James Wiltshire** – Senior Consultant, GaffneyCline  
**Amirul Afiq bin Yaakob** - Senior Petrophysics, Petronas Carigali (Turkmenistan) Sdn. Bhd.  
**Tavus Saryeva** – Senior Researcher, Scientific Research Institute of Natural Gas of the State Concern "Turkmengas"  
**Nabat Muhammedova** – Senior Researcher, Scientific Research Institute of Natural Gas of the State Concern "Turkmengas"  
**Tatyana Kirpa** – Chief Geologist of the "Turkmengazgeofizika" Department, SC "Turkmengas"  
**Ayjemal Ezizova** – Head of the Laboratory of the Scientific Research Institute of Natural Gas, SC "Turkmengas"  
**Ilya Luryev** – Student of Yagshygeldi Kakayev International Oil and Gas University

For more information: [www.tesc-turkmenistan.com](http://www.tesc-turkmenistan.com)

09:30 – 10:30

**Session 1****MODERATOR****TOPIC****NEW ENERGY PERSPECTIVES, NEW TECHNOLOGIES AND ENVIRONMENTAL ASPECTS IN THE DEVELOPMENT OF HYDROCARBON RESOURCES**

**Dr. Marat Terterov** –  
Advisory Board Chair,  
Brussels Energy Club

- Energy Outlook: Examining the evolving global energy landscape and the future role of hydrocarbons.
- Tech Innovations: Showcasing advancements in hydrocarbon exploration, extraction, and processing.
- Ecological Impact: Addressing the environmental concerns and mitigation strategies for hydrocarbon development.

**Keynote speech: Maksat Babayev** – State Minister of Turkmenistan – Chairman, SC "Turkmengas"

**Rovshan Najaf** - President, SOCAR

**Steven Travers** – Region Director, Gaffney Cline

**Giorgio Castriota Scanderberg** – Managing director, Eni Turkmenistan Limited

**David Evdokimoff** - President, Boundary Electric

**Nurhaslina Bt Abu Samah** - Senior Manager, Business Excellence, Petronas Carigali (Turkmenistan) Sdn. Bhd.

**Thanasis Pitsas** - Sr. Project Manager, Gulf Perlite

**Clayton Nash** – Director of Strategic Development, Tegre Corporation

**SPEAKERS**

10:30 – 11:00

**Coffee break**

11:00 – 12:15

**Session 2****MODERATOR****TOPIC****HUMAN CAPITAL AS THE DRIVER OF ENVIRONMENTAL RESPONSIBILITY: LEVERAGING HUMAN EXPERTISE AND INNOVATION TO ADDRESS METHANE EMISSIONS AND CO2**

**Eric Livny** –  
Head of the Permanent  
Office of the European Bank  
for Reconstruction and  
Development (EBRD) in  
Turkmenistan

- Methane Emission Mitigation: Strategies for reducing methane leaks in hydrocarbon production, with a focus on the Darvaza Gas Crater.
- CO2 Emission Reduction: Technologies and practices for minimising carbon dioxide emissions across the hydrocarbon supply chain
- Safety Culture and Awareness: Promoting a strong safety culture and raising awareness of environmental risks to minimise accidents and pollution.

**Keynote speech: Batyr Jumayev** – Deputy Chairman SC "Turkmennebit"

**Bayrammyrat Atamanov** – Rector of Yagshygeldi Kakayev International Oil and Gas University

**Irina Luryeva** – Head of the Laboratory of the Scientific Research Institute of Natural Gas, SC "Turkmengas"

**Izwan Shahmin bin M Husin** – Head of subsurface, Petronas Carigali (Turkmenistan) Sdn. Bhd.

**Aygul Gazakbayeva** – HSE coordinator, Dragon Oil (Turkmenistan) Ltd.

**Muhammetberdi Bashiye** - Head of the Environmental Protection Department of the Scientific Research Institute of Natural Gas, SC "Turkmengas"

**Alexey Borisenko** – Regional Director, SPE Russia and Caspia

**Gylychmuhammet Jorayev** - "EU for a green Turkmenistan: Policy Dialogue and Climate Action 2024-2028" Energy Advisor, GIZ

**SPEAKERS**

12:15-12:30

**Conference conclusions. Final document adoption**

12:30-13:00

**Transfer to the Gul Zaman Banquet Hall**

13:00-14:00

**Lunch at the Gul Zaman Banquet Hall**

15:00 – 17:00

**Pre-arranged meetings with the senior management of the Oil & Gas industry of Turkmenistan in Head Office of Oil & Gas Complex of Turkmenistan at 6th floor of Scientific Research Institute of Natural Gas of the State Concern "Turkmengas".**