



TESC 2024

TURKMEN ENERGY SCIENTIFIC CONFERENCE

**INTERNATIONAL SCIENTIFIC
CONFERENCE "ENERGY
PERSPECTIVES, NEW TECHNOLOGIES
AND ENVIRONMENTAL ASPECTS IN
THE DEVELOPMENT OF
HYDROCARBON RESOURCES"**

DRAFT PROGRAMME

**5 - 6 June, 2024
Ashgabat, Turkmenistan**



ОРГАНИЗАТОРЫ



TESC 2024

TURKMEN ENERGY SCIENTIFIC CONFERENCE

**International Scientific Conference:
“Energy perspectives, new technologies and environmental aspects in
the development of hydrocarbon resources”**

PRE-CONFERENCE EVENT

Tuesday, 4 June 2024

14:00-19:00








Registration of TESC conference delegates at Yyldyz Hotel

19:00-22:00

Pre-Conference reception at the Yyldyz Hotel

10:00 - 11:30	PLENARY SESSION	MODERATOR
TOPIC	ENERGY PERSPECTIVES, NEW TECHNOLOGIES AND ENVIRONMENTAL ASPECTS IN THE DEVELOPMENT OF HYDROCARBON RESOURCES	Dmitry Shlapachenko UN Resident Coordinator for Turkmenistan
	<p>Keynote address: Myrat Archayev – Deputy Chairman, SC “Turkmengas”</p> <p>Magtymguly Akmuradov – Advisor on Climate Issues, MFA of Turkmenistan</p> <p>Bayrammyrat Atamanov – Rector, Yagshygeldi Kakayev International Oil and Gas University</p> <p>Rahymberdi Jepbarov – Chairman of the Board, State Bank for the Foreign Economic Affairs of Turkmenistan</p> <p>Ismadi B Ismail – CEO, PETRONAS Carigali (Turkmenistan) Sdn Bhd</p> <p>Igor Zgurov – Member of the Board, Yug-Neftegaz Private Limited</p> <p>Frank Rijsberman – Director-General, Global Green Growth Institute (online)</p> <p>Peter Evans – Senior Product Owner for Methane Measurement and Reduction, BP (online)</p> <p>Manfredi Caltagirone – Head of the International Methane Emissions Observatory (UN) (online)</p> <p>Dmitry Shlapachenko – UN Resident Coordinator for Turkmenistan</p>	
SPEAKERS		
11:30 - 12:00	Coffee break	
12:00 – 13:00	SESSION 1	MODERATOR
TOPIC	NEW TECHNOLOGIES AND ENERGY TRANSITION: A GLANCE TO THE FUTURE	John MacGregor Ambassador, Head of the OSCE Centre in Ashgabat
	<p>Keynote address: Bayrammyrat Pirniyazov – Director, Scientific – Research Institute of Natural Gas under the SC “Turkmengas”</p> <p>Durdymyrat Gadamov – Director, Technological Center of the Academy of Sciences of Turkmenistan</p> <p>Dovlet Allayarov – Head of the Renewable Energy Development Service of the “Turkmenenergo” State Energy Corporation</p> <p>Hesham Zubari – Member of the SPE-International Board of Directors, Regional Director for MENA</p> <p>Tomica Paovic – Deputy Resident Representative UNDP Turkmenistan</p> <p>Jasmin Cooper – Research Associate, Sustainable Gas Institute, Imperial College London</p> <p>Aleksey Shinkevich – Head of the Logistics and management Department, Kazan National Research Technological University</p> <p>Sergey Tulinov – Economic Affairs Officer, Energy Division, ESCAP</p> <p>Serdar Nuryagdyev – Senior Geophysicist, SC “Turkmengeology”</p> <p>Aytach Altyyeva – Head of the Department of Industrial Ecology, Yagshygeldi Kakayev International Oil and Gas University</p> <p>John MacGregor – Ambassador, Head of the OSCE Centre in Ashgabat</p>	
SPEAKERS		
13:00 – 14:00	Lunch	
14:00 – 16:00	SESSION 2: Panel discussion	MODERATOR
TOPIC	REDUCTION OF METHANE AND CO₂ EMISSIONS IN HYDROCARBON PRODUCTION AND MONETIZATION	François Sammut Director Carbon Limits AS
	<ul style="list-style-type: none"> • Green Gas - premium price • Update on greenhouse gas emissions, measurement, and reporting • Reducing methane and CO₂ emissions to meet net zero and monetization • Underground gas storage and CO₂ reinjection into reservoir • How to reduce flaring, venting and leaks • The role of R&D in the development of oil & gas industry 	
SPEAKERS		
	<p>Keynote address: Irina Luryeva – Head of the laboratory of the Scientific-Research Institute of Natural Gas, SC“Turkmengas”</p> <p>Stéphane Germain – President, GHGSat Inc.</p> <p>François Sammut – Director, Carbon Limits AS</p> <p>Roberto Espinoza – Reservoir Development manager, “Dragon Oil”</p> <p>Adam Pacsi – Methane Policy Advisor, Chevron</p> <p>Artur Abutalipov – Environmental safety expert, LLC SIE “NEC Profexpert”</p> <p>Alexander Ustyuzhanin – Sales Director, Kazakhstan, Turkmenistan and Uzbekistan, Baker Hughes</p> <p>Younus Burhan – Program Manager/ Environmental Engineer, Tetra Tech Inc.</p> <p>Q & A Session (Moderator and the Audience)</p>	
16:00 - 16:30	Coffee break	

16:30 - 18:00	SESSION 3	MODERATOR
TOPIC	INTERNATIONAL EXPERIENCE AND INITIATIVES: EXISTING AREAS OF TECHNICAL & FINANCIAL SUPPORT IN PROMOTING CLEAN ENERGY	
		
SPEAKERS	<p>Keynote address: Batyr Jumayev – Deputy Chairman, SC "Turkmennebit" Patrick Meyer – USAID Regional Energy Advisor Andrew Beadle – Regional Sales Director, Siemens Oil & Gas Begli Myratnazarov – Deputy Chairman, State Bank for the Foreign Economic Affairs of Turkmenistan Soumya Garnaik – Communities of Practice Lead (Green Building, Industry & Energy Efficiency), GGGI John Ahn – Senior Business Development Specialist, US Export-Import Bank (online) Lyubov Ivleva – Deputy General Director for Strategic Development, LLC "STN" Vladimir Valetka – Economist, UN Resident Coordinator's office in Turkmenistan</p>	
		
19:00 - 22:00	Gala Dinner at Gul Zaman Banquet Hall	

6 June		 <p>TESC 2024 TURKMEN ENERGY SCIENTIFIC CONFERENCE</p>
09:30 - 11:00	SESSION 4	MODERATOR
TOPIC	PETRONAS ENERGY TRANSITION: VIEWS AND CHALLENGES	
		
SPEAKERS		
		
11:00 - 11:30	Coffee break	
11:30 - 13:00	SESSION 5	MODERATOR
TOPIC	NEW TECHNOLOGIES OF PETRONAS	
		
SPEAKERS		
		
13:00 - 14:00	Lunch	
14:00 - 16:00	3 Technical sessions	MODERATOR
TOPIC	1) CO ₂ and sulphur dioxide utilization and hydrocarbon resources production 2) Summarizing the results of the 2024 SPE Russian and Caspian Student Paper Contest	
		
SPEAKERS		
		
14:00 - 19:00	Pre-arranged meetings with the senior management of the Oil & Gas industry of Turkmenistan	