

Turkmenistan's government is continuously investing in oil and gas, to modernise and expand the electricity and heat sector by 2020. Moreover, the energy sector is almost fully subsidised, with citizens receiving free electricity, heat and gas up to a cer

Turkmenistan has considerable potential for energy savings through the implementation of energy efficiency measures on the consumption side. Based on existing inefficiencies and baseline consumption figures, the residential and services sectors were identified as high priority.

Key topics included the development of new and optimization of existing oil and gas fields, attraction of foreign investment, energy transition, innovation implementation, carbon emissions reduction, as well as the ...

The event looked at the broader perspective of energy transition and possible steps for carbon neutrality for Turkmenistan. It also explored prospects for the development of renewable energy sources in the Caspian region, solutions for sustainable hydrogen production and possible next steps in this direction for the country.

UNECE will support Turkmenistan in developing effective methane monitoring, reporting, and verification (MRV) systems, as well as strategies for reducing methane emissions from its energy sector, particularly from oil and gas operations.

Key topics included the development of new and optimization of existing oil and gas fields, attraction of foreign investment, energy transition, innovation implementation, carbon emissions reduction, as well as the development of low-carbon fuels and underground gas storage technologies.

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GOAL: to promote an understanding, on a global scale, of the dynamics of change in energy systems, quantify emissions and their impacts, and accelerate the transition to carbon-neutral, environmentally benign energy systems while providing affordable energy to all.

The proposed TA will promote the use of advanced technologies and support pioneering integrated renewable energy solutions for Turkmenistan. Specifically, the TA will support the development of a roadmap for the generation and use of solar energy in the country, including for urban purposes, such as in Arkadag City.

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