

 Early Warning System

ADB-58422-001

Evaluation of Wind Potential for Renewable Energy Development



Quick Facts

Countries	Turkmenistan
Financial Institutions	Asian Development Bank (ADB)
Status	Approved
Bank Risk Rating	U
Voting Date	2024-12-04
Borrower	Government of Turkmenistan
Sectors	Energy, Technical Cooperation
Investment Type(s)	Advisory Services
Investment Amount (USD)	\$ 0.75 million
Project Cost (USD)	\$ 0.75 million



Project Description

As stated by the ADB, the TA will focus on evaluating the wind potential of various site/s for government investment in wind energy. A feasibility analysis of viable wind sites will be carried out, which will inform the government on the scale of wind projects and how best to develop this potential. The TA will also fund the equipment for measuring wind speeds and directions to confirm site selection and build capacity for wind energy development in the EA.

The rationale for this TA stems from Turkmenistan's urgent need to diversify its energy mix and enhance sustainability in its power generation sector. The main challenges include the lack of reliable data on wind potential and the country's limited experience to carry out technical studies, such as grid impact assessments and environmental evaluations. The TA helps bridge these gaps by supporting the government with site identification and conducting detailed wind resource assessments. This initiative will contribute to Turkmenistan's broader goals of improving energy security and aligning with global climate change commitments by ensuring the development of well-planned wind energy projects.



Investment Description

- Asian Development Bank (ADB)



Contact Information

ADB Team Leader:

Catherine B. Santiago - Unit Head, Portfolio Management, SG-ENE

No project contacts provided at the time of disclosure.

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Bank Documents

- [Evaluation of Wind Potential for Renewable Energy Development: Technical Assistance Report](#)