7 AFFORDABLE AND CLEAN ENERGY

8 DECENT WORK AND ECONOMIC GROWTH

13 CLIMATE ACTION

224.032

SAVED EMISSIONS
TONS CO2 EQ /YEAR

KANGAL WIND-SOLAR HYBRID POWER PLANT

Turkey

FOKUS ZUKUNFT

PROJECT-ID: 1138 FZ-ID: 2310

KANGAL WIND-SOLAR HYBRID POWER PLANT

Clean energy and electricity are generated through wind power in Turkey

The Kangal Wind Power Project, developed by "Kangal Elektrik Enerji Üretim ve Ticaret A.Ş.," involves the construction of a 128 MW wind farm in the Sivas province of Turkey.

The objective of the project is to generate electricity and supply it to the Turkish power grid.

The Kangal Wind Power Plant was commissioned in three phases. According to the provisional acceptance certificates, 44 MW was commissioned on September 19, 2014, 78 MW on November 26, 2015, and the facility has been fully operational for 128 MW since November 23, 2017. Once fully operational, the annual electricity generation is expected to be 414,873,600 kWh.

The installed capacity of the project is 128 MW, and the annual gross electricity production amounts to 414,873.6 MWh per year. The annual CO2 emission reductions are estimated to be approximately 224,032 tCO2 per year.

For more information please click here.

Overview of the project data:

224.032
SAVED EMISSIONS
TONS CO2 EQ /YEAR

1.568.224
SAVED EMISSIONS
TONS CO2 EQ TOTAL

Perry Johnson Registrars
VALIDATOR

CERTIFICATE STANDARD

Gold Standard

FOKUS ZUKUNFT

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KANGAL WIND-SOLAR HYBRID POWER PLANT

The project contributes to the following sustainability goals:

Affordable and clean energy:

The wind power project enables the integration of more clean energy into the Turkish power grid. This reduces the proportion of energy derived from fossil resources.

Decent work and economic growth:

The employed staff has received training in areas such as workplace health and safety, first aid, and fire safety. The establishment of this wind park ensures new job opportunities for the local population, contributing to both decent work and economic growth.

Climate action:

The operation of the project results in approximately 224,032 tons of CO2e (carbon dioxide equivalent) being saved per year.

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Source of the project image:https://pixabay.com/de/photos/windr%C3%A4der-energie-elektrizit%C3%A4t-6535595/.