



Union pour la Méditerranée
Union for the Mediterranean
الإتحاد من أجل المتوسط

TAFILA WIND FARM

OBJECTIVES

- Reduce energy import dependency
- Reinforce reliability of supply and energy security
- Contribute to Jordan's national strategy for energy as well as to regional targets in the field of clean energy (EU 20-20-20 targets, League of Arab States targets)
- Reduce greenhouse gas emissions
- Provide a best practice model with demonstrable effect

BENEFICIARIES

- End users of housing units, commercial and industrial facilities
- Local community and residents (job creation, scholarships, Corporate Social Responsibility initiatives)
- Local farmers and livestock owners (improved access & infrastructure)



LOCATION

- Jordan

DURATION

Total Design/Build Phase: 21 months

Operations Phase: 20 years (start in 2015)

TOTAL COST

€209 million (100% funded through private investment and loans provided by IFIs.)

PROJECTS FOR PROGRESS



TAFILA WIND FARM

ACTIONS

- Construction of a wind farm in the Tafila Governorate (38 turbines with a total capacity of 117 MW)
- Installation of an internal collection system connecting the turbines to the transformer substation and to the high voltage transmission network
- Civil works for access roads and transformer station
- Provision of installation equipment and transportation of turbines

RESULTS

- In 2018, Tafila Wind Farm represented 23.4% of Jordan's energy produced from renewable sources
- Powers 83,000 homes and produces approximately 390GWh of electricity annually
- Accounts for almost 7% of Jordan's 1,800MW renewable energy target for 2020 and 3% of the Kingdom's total energy needs
- Displaces nearly 235,000 tons of CO2 emissions per year



PROMOTER

Jordan Wind Project Company PSC (JWPC).

CONTRIBUTION

The project is financed by a consortium of lenders - International Finance Corporation (IFC), Eksport Kredit Fonden (EKF), OPEC Fund for International Development (OFID), Entrepreneurial Development Bank (FMO), Europe Arab Bank (EAB) - led by the European Investment Bank (EIB).



Contact details

Union for the Mediterranean

+ 34 93 521 41 71 energy@ufmsecretariat.org

<http://ufmsecretariat.org/energy/>



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