AMDIE
الوكالة المغربية لتنمية الاستثمارات و الصادرات
AGENCE MAROCAINE DE DÉVELOPPEMENT DES INVESTISSEMENTS ET DES EXPORTATIONS

RENEWABLE ENERGY SECTOR IN MOROCCO

Since 2009, Morocco has been committed to renewable energy by taking advantage of its vast solar and wind resources, based on a strong royal vision with ambitious energy transition plan to make Morocco among the greenest and lowest carbon platforms in the world;

Morocco is the 1st most attractive country in Africa by Renewable Energy Country Attractiveness Index 2021;

Huge investments in infrastructure have been made, notably in the Noor power station project, which is one of the largest solar parks in the world, and in the Tarfaya wind farm which is among the largest wind farms in Africa;

Morocco has implemented 52 large-scale projects reaching an installed renewable energy capacity of more than 4 GW which represents about 38% of its total energy capacity. The country's goal is to reach 52% energy mix by 2030 including solar, wind and hydro energies;

The drop in the cost of renewable energies, in particular solar and wind power, offers Morocco a real opportunity for the energy competitiveness of the companies setting up in the country, allowing them to achieve their decarbonization objectives;

The price of the renewable kilowatt/hour in Morocco is one of the most competitive in the world (reaching less than $2 cents/kwh in the southern provinces), therefore the renewable energy sector in Morocco has become a promising market for investors considering developing clean energy projects, especially with the effective opening of medium voltage and later low voltage;

The opportunities in this sector are diverse:

- **Production**
- **Services** (engineering, maintenance, etc.)
- **Manufacture of equipment** and all components relating to electronics and storage
- **Industrial decarbonization program** which aims to provide all industrial areas with clean and competitive electrical energy
- **Energy recovery of biomass**
- **Exploitation of the marine energy** potential on the 3,500 km of coastline
- **Seawater desalination stations** supplied by renewable energy production units
- **Green hydrogen investment opportunities** throughout the whole value chain, since Morocco could capture up to 4% of the global green hydrogen production market by 2030.
- **New green investment program launched by the OCP group** for the period 2023-2027 aiming to increase its production capacities of fertilizers (20 M Tons by 2027), the extension of its mining capacities while committing to achieving carbon neutrality before 2040. By investing in solar and wind power, the OCP Group plans to supply all its industrial facilities with green energy by 2027, including new seawater desalination capacities. This investment will therefore enable the OCP Group to become self-sufficient in terms of green ammonia supply and renewable energy.

For more information:

https://www.mem.gov.ma/en/pages/index.aspx

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