



Ministry of Industry,  
Mines and Energy

# FACTSHEET – WIND ENERGY IN TUNISIA

## TUNISIA: A PROMISING FRONTIER FOR WIND INVESTMENTS

### 1. TUNISIA: A HIGH-POTENTIAL MARKET FOR WIND ENERGY INVESTMENT

Tunisia is emerging as a key hub for renewable energy investment in the region, unlocking vast opportunities for investors in renewable energy. With ambitious national targets and a clear vision, the country is accelerating its shift towards clean energy and sustainable growth.

By 2030, Tunisia aims to:

- Reduce carbon intensity by 45% (compared to 2010 levels)
- Reach 35% renewable energy share in electricity generation

For wind energy in particular, Tunisia offers exceptional advantages:

- Outstanding wind potential (up to 340 GW)
- Ambitious targets supported by transparent tender pipelines
- A dynamic and growing electricity market
- A modernized grid ready to integrate renewable projects
- Attractive investment conditions through concession and authorization schemes
- A strategic location at the crossroads of Europe and North Africa, opening export opportunities
- Strong support from international partners and multilateral donors (EU, GIZ, AFD, KfW, etc.)
- The Elmed HVDC interconnection project with Italy, set to enhance cross-border energy trade and integration

Tunisia today offers not only a stable and reliable investment climate, but also the opportunity to be part of long-term, high-impact projects that will shape the region's clean energy future.

### 2. A STRENGTHENED REGULATORY FRAMEWORK FOR RENEWABLES

Since 2015, Tunisia has introduced key reforms to liberalize the power sector and encourage private investment. The most significant milestone was Law 2015-12, which:

- Opened electricity production to the private sector
- Established three investment Regimes: self-consumption, authorization, and concession

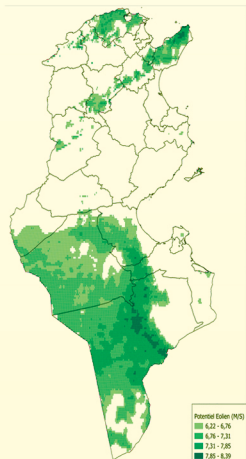
These measures represent strong institutional signals of Tunisia's commitment to renewable energy deployment.

### 3. WIND POWER POTENTIAL IN TUNISIA: ONSHORE AND OFFSHORE

Tunisia's gross onshore wind potential is estimated at around 90 GW, offering substantial room for large-scale deployment. The windiest regions with the highest gross technical wind potential are primarily located in the southern part of the country, covering an estimated area of 18,000 km<sup>2</sup>.

Onshore wind resources are particularly strong in the northern and central regions and along the Mediterranean coast. Measured wind speeds exceed 7.5–8 m/s in several regions, making them highly suitable for commercial wind development.

Regarding offshore wind potential, the most recent renewable energy strategic study indicates a technical potential of around 250 GW.



### 4. WIND PROJECTS \_ CURRENT PIPELINE

The Tunisian Company of Electricity and Gas (STEG) launched its first wind project in 2000 in Sidi Daoud (Nabeul governorate), with a total capacity of 54.5 MW.

► Repowering of the project is currently underway to enhance its performance and capacity.



A second project was implemented by STEG in 2012–2013 in Khabta and Metline, in the Bizerte governorate, with a total capacity of 190 MW.

### 5. WIND TENDERS UNDER 2022–2025 PROGRAM – PRIVATE SITES (BRING YOUR OWN SITE)

In April 2022, the Ministry of Industry, Mines and Energy (MIME) approved a national RE production program (2022–2025), translating its ambitions into concrete targets under the concession regime:

Project rounds	1	2	3	4	Total
Wind	150 MW	150 MW	150 MW	150 MW	600 MW
Launch	Closed (April 2025)	Upcoming	Upcoming	Upcoming	

#### KEY HIGHLIGHTS:

The most promising opportunity lies in the new 600 MW wind concession program launched in December 2022. Key highlights:

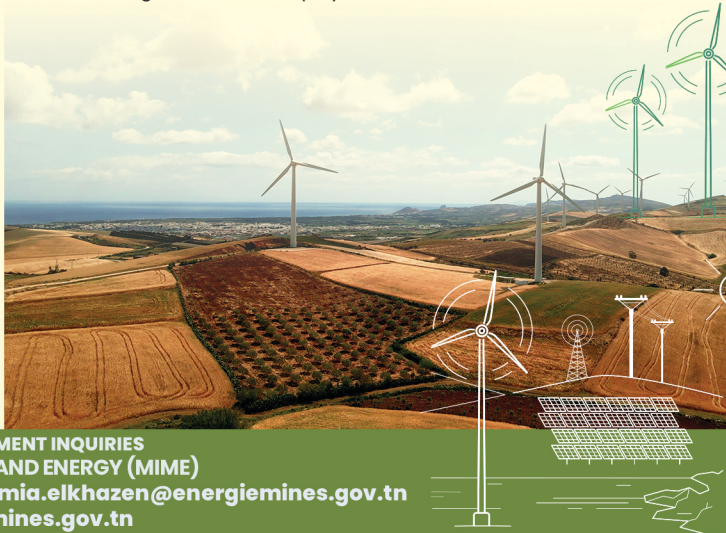
- 4 project rounds, with 2 projects of 75 MW in each round
- Developers select and secure project sites
- PPA-based model with bankable contractual frameworks

### 6. LARGE-SCALE PROJECTS IN THE PIPELINE– GOVERNMENT ALLOCATED SITES

Three (03) government-allocated sites are currently under preparation, with preliminary studies ongoing. These include environmental impact assessments, geotechnical investigations, and hydraulic study, etc. A wind measurement campaign is also scheduled to begin by the end of 2026.

Site	Location	Capacity
Jbel Abderrahmen	Located in the Governorate of Nabeul in northern Tunisia	400 MW
Tbaga	Located in the Medenine Governorate in southeastern Tunisia	600 MW
Elguettar	Located in the Gafsa Governorate in southwestern Tunisia	200 MW

This program reflects Tunisia's readiness to attract experienced developers and IPPs for large-scale wind deployment.



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