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TURKISH WIND ENERGY ASSOCIATION (TWEA)

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Content

- About Turkish Wind Energy Association (TWEA)
- ☐ Global Cumulative Installed Wind Capacity
- Cumulative Installed Wind Capacity in EU
- Annual and Cumulative Installed Wind Capacity in TURKEY
- ☐ Wind Sector with numbers in TURKEY
- ☐ Electricity Energy Mix in TURKEY
- ☐ Feed-in Tariff and Local Equipment Bonus for Wind Energy
- ☐ Incentives for Renewable Energy
- ☐ Wind Power Plant Procedure in Turkey
- ☐ Cooperation Opportunities between Iran and Turkey

TURKISH WIND ENERGY ASSOCIATION

About Turkish Wind Energy Association (TWEA)

Turkish Wind Energy Association was established in 1992 with the decision of the Council of Ministers by the Republic of Turkey, Ministry of Energy and Natural Resources, it is the strongest non-governmental organization in relation to Wind Energy in Turkey. The aim is to add Turkey's Wind Energy potential to its economy. TWEA is also the official member of both the Global Wind Energy Council (GWEC) and the Wind Europe.

TUREB works for gaining extensive use of Wind Energy Potential in Turkey to the country's economy, coordinated with General Directorate of Renewable Energy (YEGM), Turkish Electricity Transmission Company (TEİAŞ), General Directorate of Energy Affairs (EİGM), Energy Market Regulatory Authority (EMRA) and Ministry of Energy.













About Turkish Wind Energy Association (TWEA)



















































































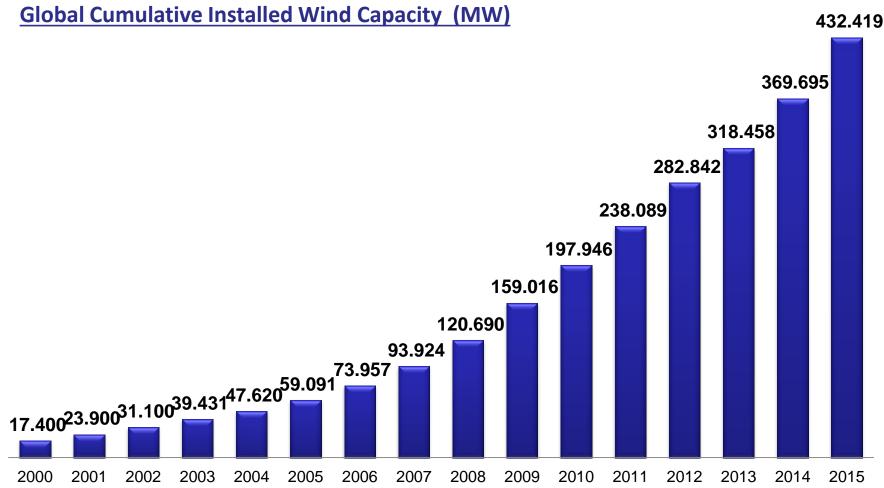








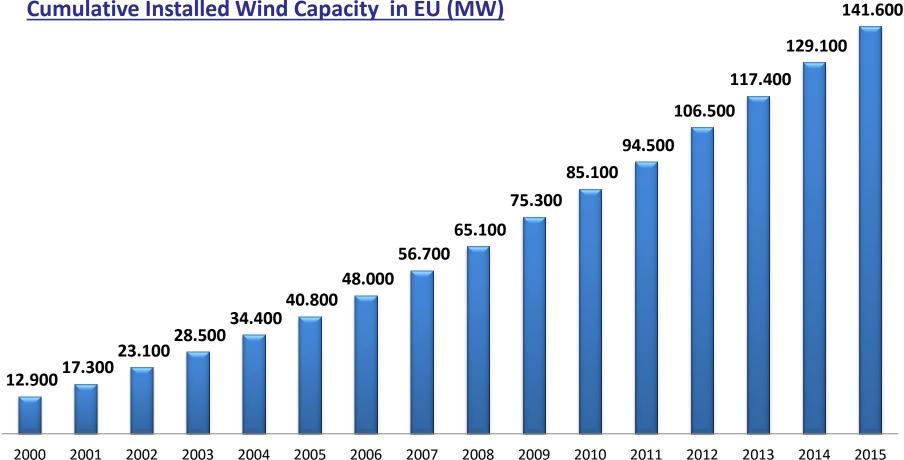




Source: GWEC

TÜRKİYE RÜZGAR ENERJİSİ BİRLİĞİ **TUREB** TURKISH WIND ENERGY ASSOCIATION



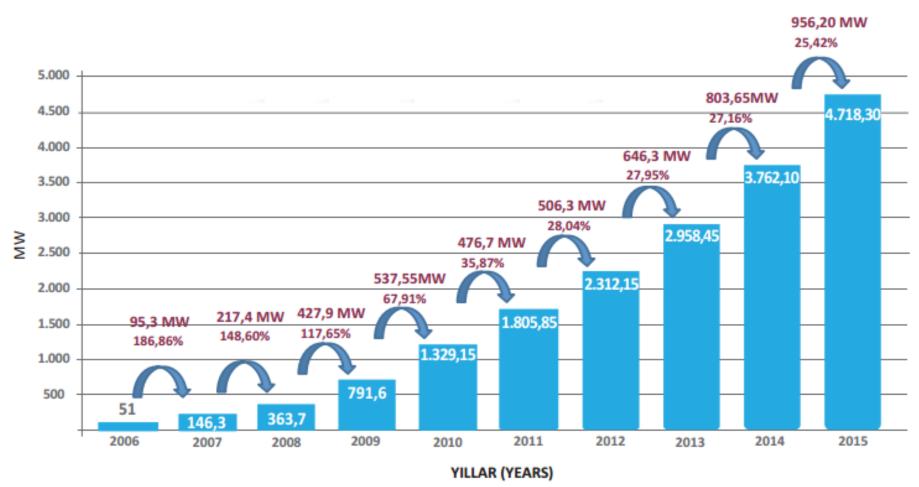


Source: Wind Europe



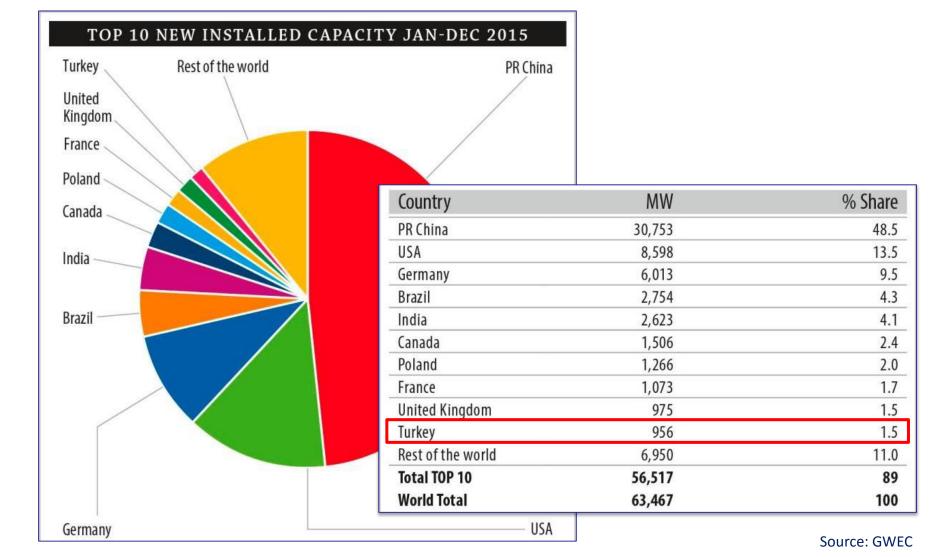
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Annual and Cumulative Installed Wind Capacity in TURKEY



Source: TWEA







Wind Sector with numbers in TURKEY



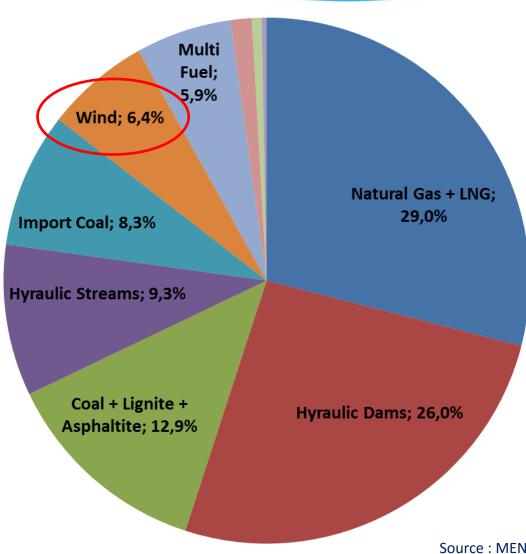
CONSTRUC.
PERMITS

TURKEY IS THE BIGGEST ONSHORE MARKET IN EU

Electricity Energy Mix in TURKEY

73.147 MW **TOTAL INSTALLED CAPACITY**

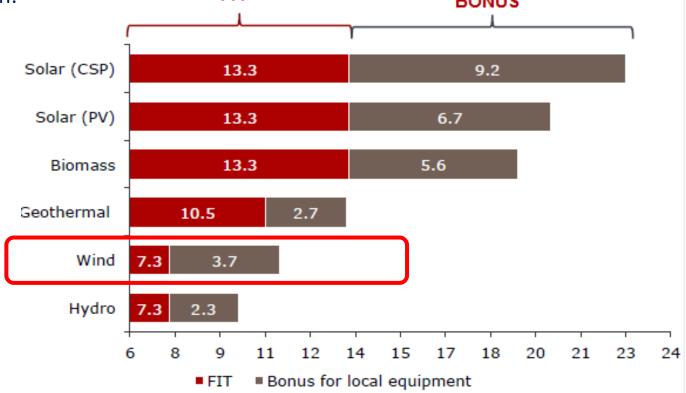
4.718 MW WIND INSTALLED CAPACITY



Source: MENR

Feed-in Tariff and Local Equipment Bonus in Renewables

In Turkey, renewable electricity production is mainly promoted through a guaranteed feed-in tariff mechanism. The Renewable Energy Support Mechanism's feed-in tariff for renewable energy sources is between **7,3 – 13,3 USD cents/kWh** for 10 years of operation.







Feed-in Tariff and Local Equipment Bonus for Wind Energy

Feed-in tariff

• 7,3 USD cent/kWh

Local Content

Blade

• 0,8 USD cent/kWh

Generator and power electronics

• 1,0 USD cent/kWh

Turbine tower

• 0,6 USD cent/kWh

All of the mechanical equipment in rotor and nacelle groups (excluding payments made for the wing group and the generator and power electronics)

• 1,3 USD cent/kWh

TOTAL

11 USD cent/kWh



Incentives for Renewable Energy

- √ 85 % Discount in the Treasury Land Lease Fees for 10 Years After Commissioning.
- √ 99 % Discount for Licensing Fee and Annual License Fee for first 8 years operation.
- ✓ Priority in the Grid System Connection
- ✓ VAT Exemption for Domestic Equipment for Investment Support Certificate Holders
- ✓ VAT, Custom Taxes, Resource Support Utilization Fund Payment Exemptions in imports for Investment Support Certificate Holders

Wind Power Plant Procedure in Turkey

Project Site Research	3 Months
Land Knowledge Acquisition	3 Months
Permission of Measurement Station	3 Months 1. Year
Const. and Approval of Measurement Station	3 Months
Wind Measurements	12 Months 2. Year
Wind Measurements Reports	3 Months
Preparations and License Application to EMRA	3 Months 3. Year
Research and Evaluation Process	12-18 Months
Tender Process for Grid Capacity	3 Months 4-5. Year
Term of the Pre-license	3 Months
Construction Permission and other Requirements	18-24 Months 5-6. Year
Term of the License	3 Months 7-8. Year
Construction Period	12-18 Months
Commission Process	3 Months 8-9. Year

Cooperation Opportunities between Iran and Turkey

- ✓ Wind Power Plant Investments.
- ✓ Wind Industry Cooperation.
- ✓ Access to EU Grid via Turkey.
- ✓ Construction of the Energy Projects.
- ✓ We will be very happy to develop long term cooperation with our neighbour brothers





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TÜRKIYE RÜZGAR ENERJISI KONGRESI
TURKISH WIND ENERGY CONGRESS



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