



TÜRKİYE RÜZGAR ENERJİSİ BİRLİĞİ  
TURKISH WIND ENERGY ASSOCIATION



# RENEWABLE ENERGY EQUIPMENT WORKSHOP

YEGM, ANKARA

02.07.2014

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## ABOUT TURKISH WIND ENERGY ASSOCIATION (TÜREB / TWEA)

**Turkish Wind Energy Association (TWEA)**, was established in 1992 with the Council of Ministers decision by Republic of Turkey, Ministry of Energy and Natural Resources and is the most powerful non-profit association about the wind energy in Turkey. TWEA is also an official member of European Wind Energy Association (EWEA) and Global Wind Energy Council (GWEC).

TÜREB works coordinated efforts towards gaining extensive use of Wind Energy Potential in Turkey to the country's economy 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.



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## Member Profile

Corporate Members - 275

Individual Members - 595

Student Members -165



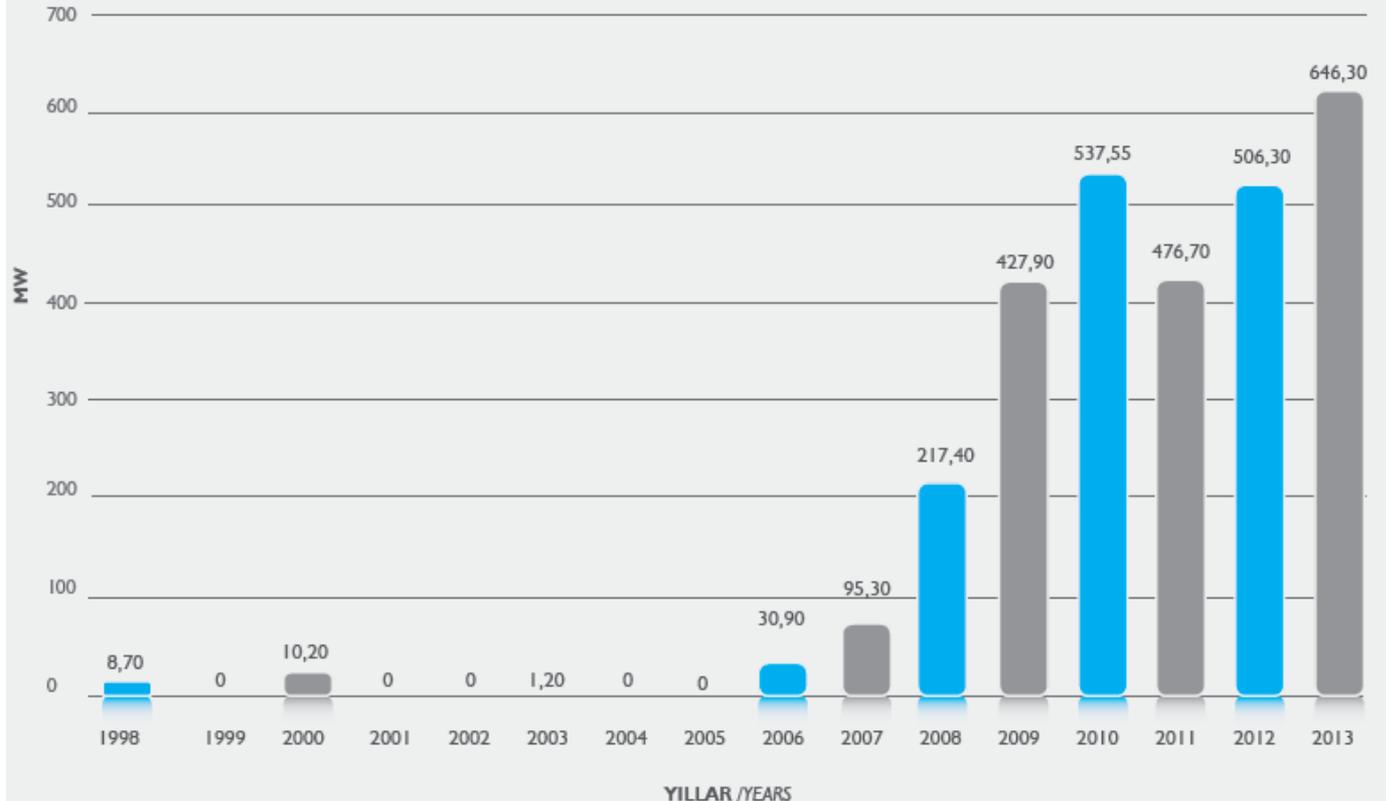


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## SUSTAINABLE WIND SECTOR IN TURKEY

Distribution of Installed Capacity for  
Wind Power Plants in Turkey in Years (MW)



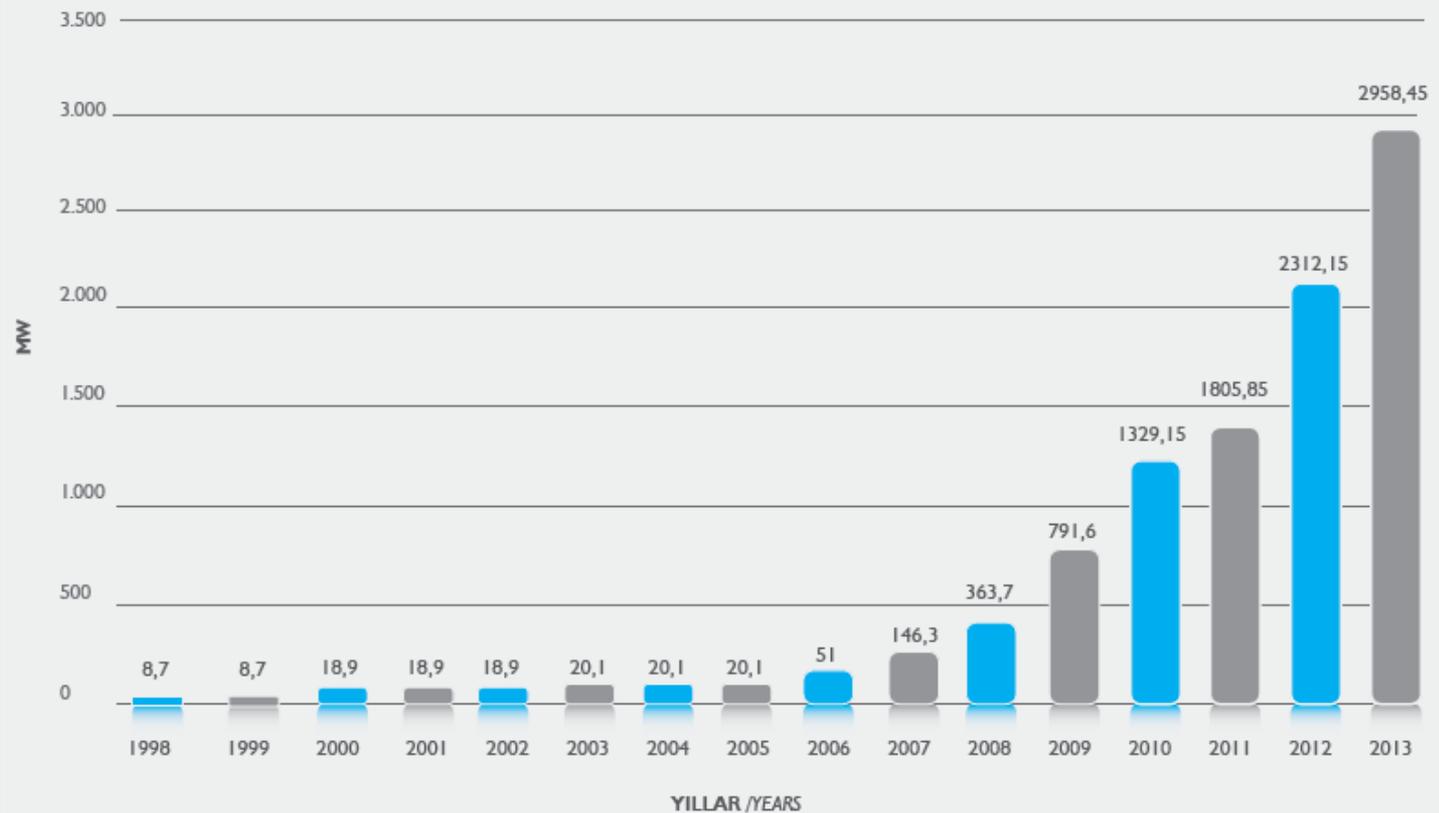


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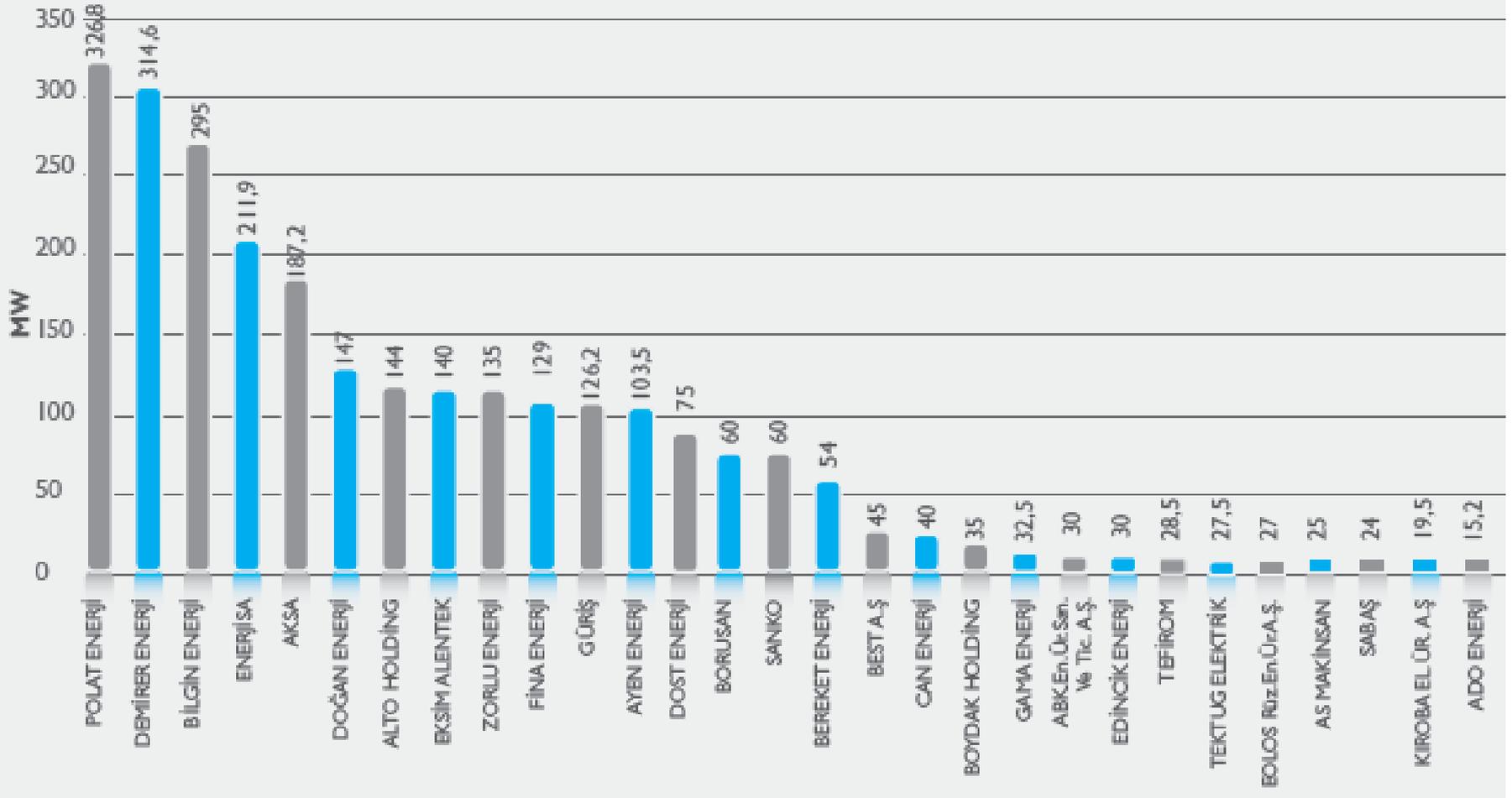
## SUSTAINABLE WIND SECTOR IN TURKEY

Cumulative Distribution of Installed Capacity for  
Wind Power Plants in Turkey in Years (MW)





## Investors according to installed capacity for Operational WPP

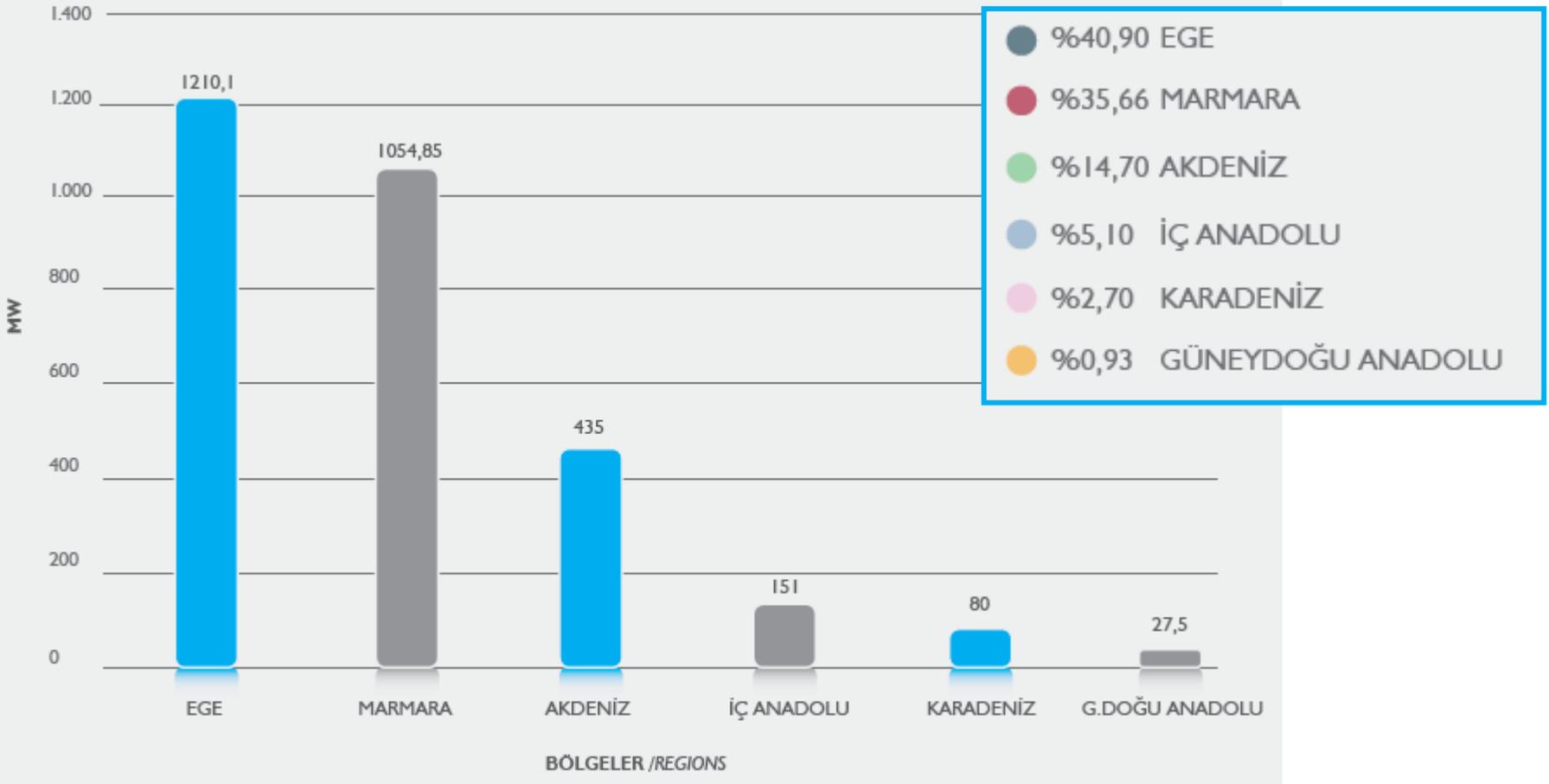




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## Regions according to installed capacity for Operational WPP

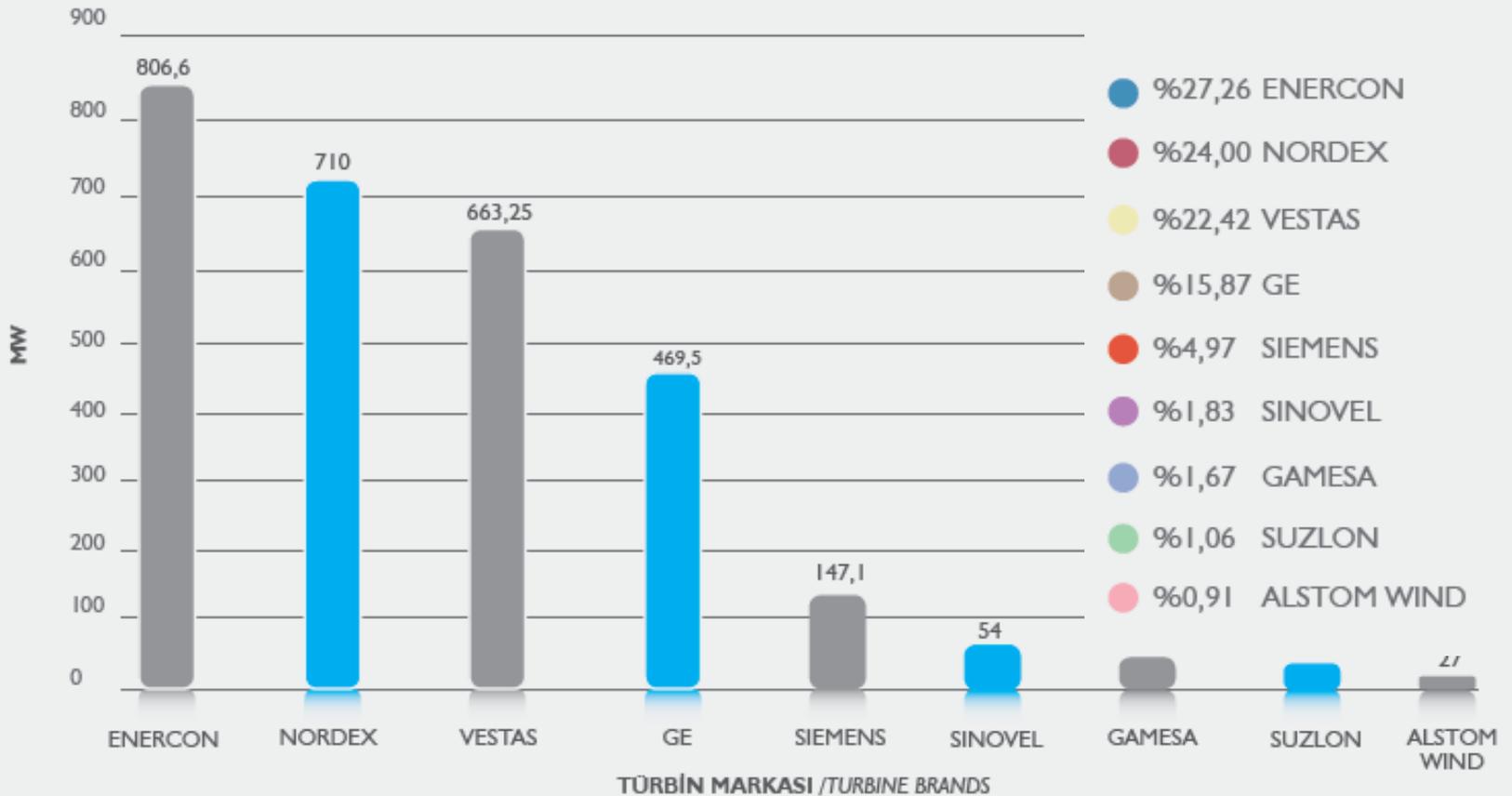




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## Turbine Brands according to installed capacity for Operational WPP

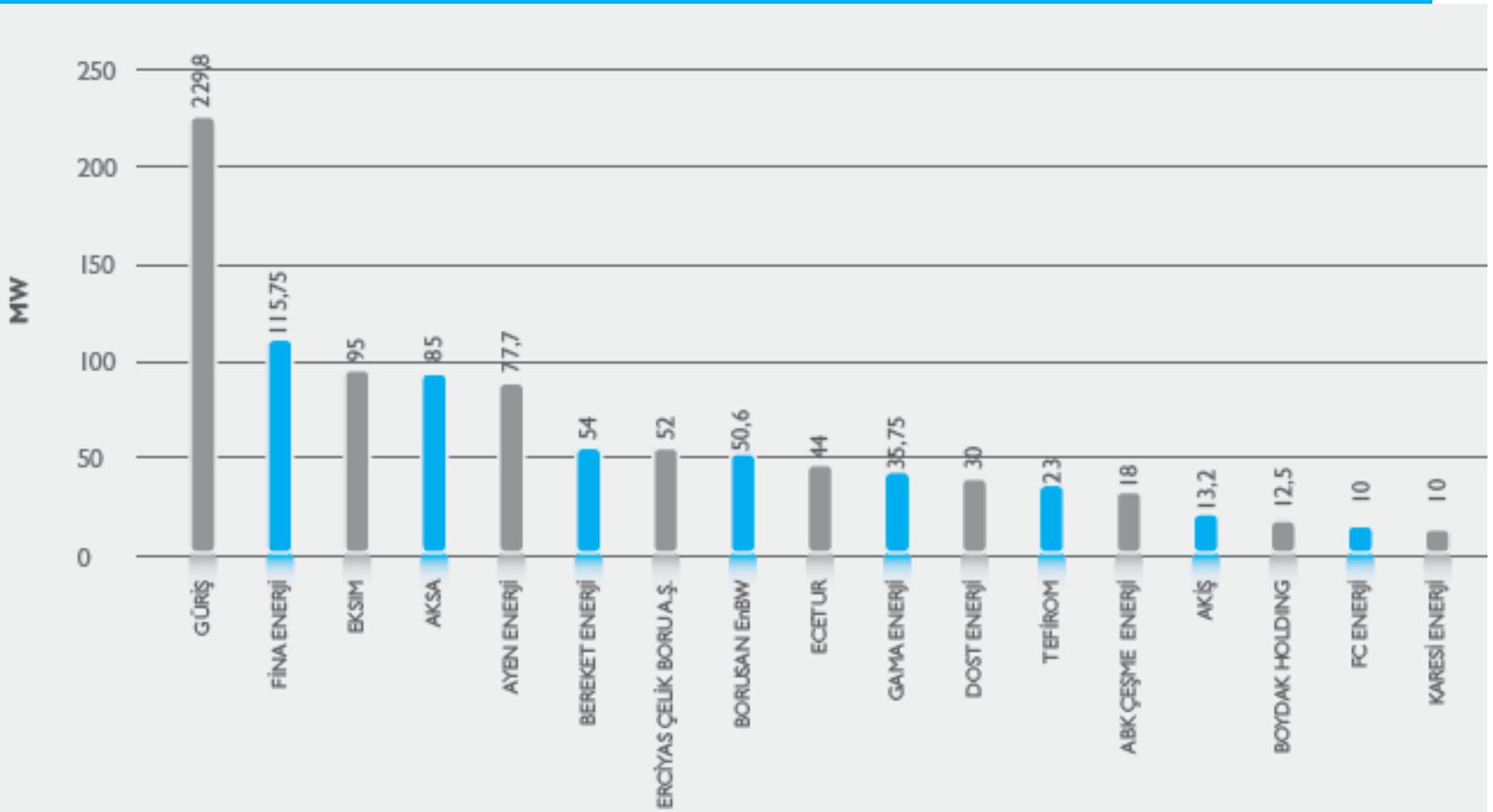




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## Investors according to installed capacity for Under Construction WPP

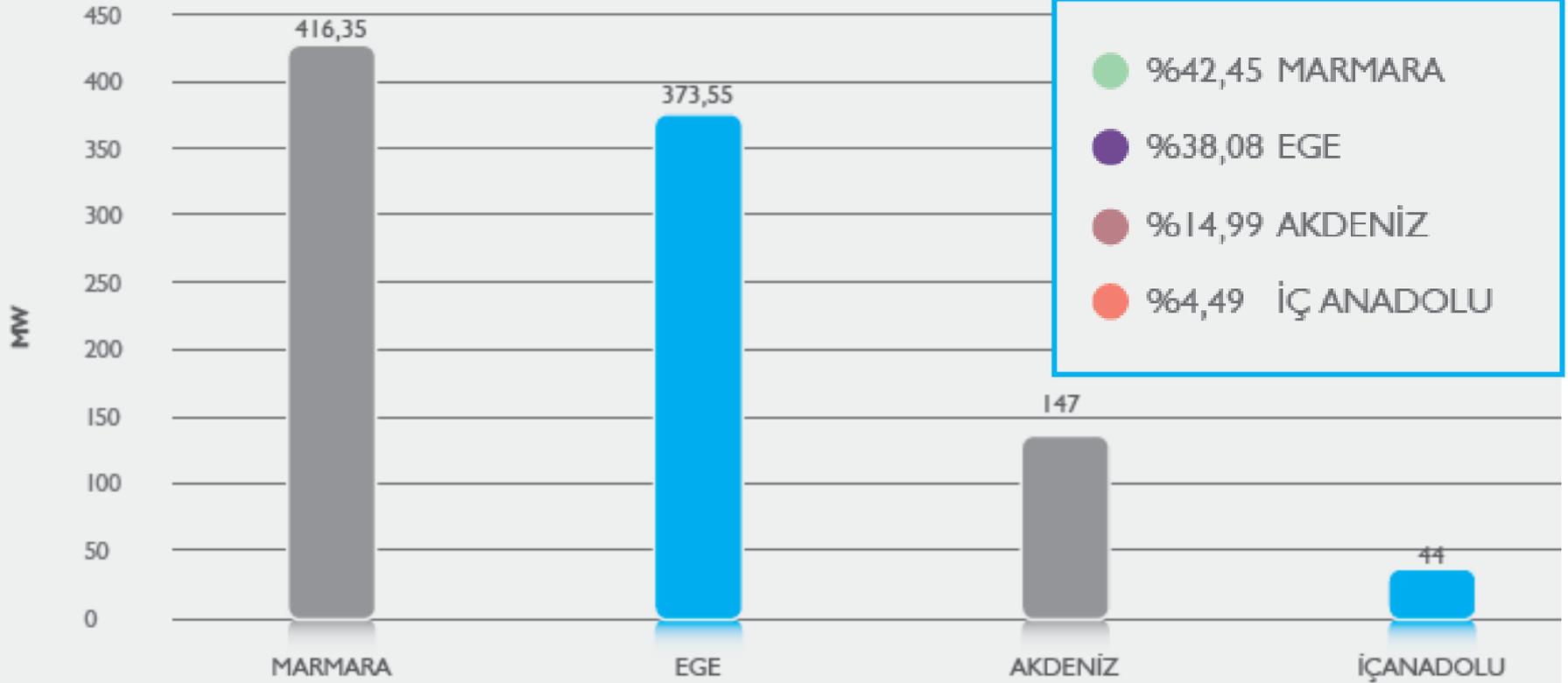




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## Regions according to installed capacity for Under Construction WPP

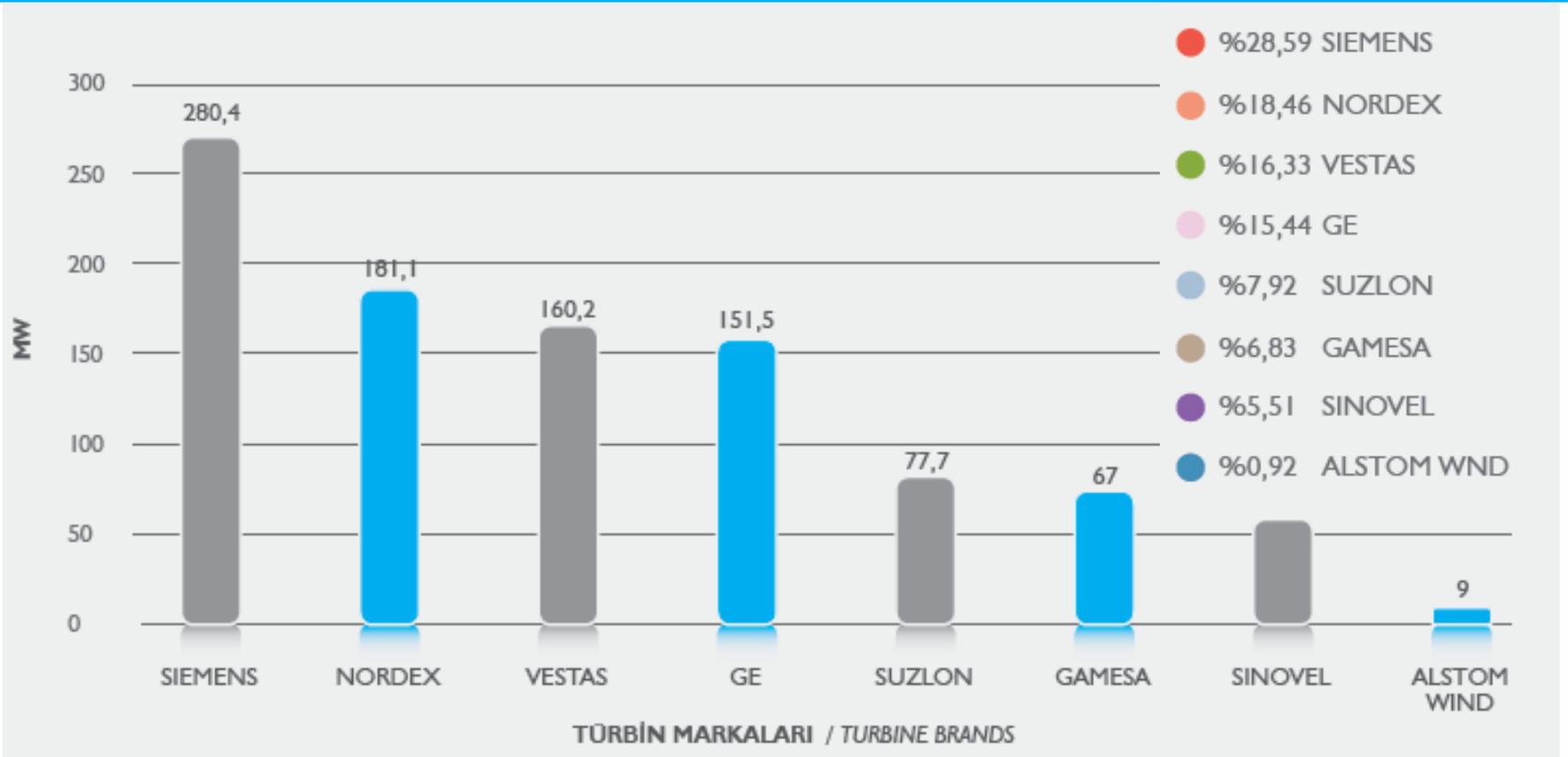




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## Turbine Brands according to installed capacity for Under Construction WPP





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## WIND SECTOR IN TURKEY BY NUMBERS



**TURKEY**  
**IS THE BIGGEST MARKET**  
**IN EUROPE !!!**



## SUPPORT FRAMEWORK FOR WIND ENERGY

### Feed-in Tariff

- Commissioned until 2020
- For 10 years
- 7.3 \$ cent/kWh

### Local Content

- Commissioned until 2020
- For 5 years after Commission

Local Content	Tariff
Blade	0,8 \$c/kWh
Generator and Power Electronics	1,0 \$c/kWh
Tower	0,6 \$c/kWh
Mechanical Equipment at Nozzle and Rotor	1,3 \$c/kWh



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## LOCAL PRODUCERS IN WIND SECTOR / TURBINE





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## LOCAL PRODUCERS IN WIND SECTOR / BLADE



ALKE İnşaat Sanayi ve Ticaret A.Ş.  
ALKE Construction Industry & Trade Inc.



TPI Kompozit Kanat San. ve Tic. A.Ş.  
TPI Composite Wind Blades Inc.





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## LOCAL PRODUCERS IN WIND SECTOR / TOWER





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## LOCAL PRODUCERS IN WIND SECTOR / PARTS – RAW MATERIAL



**Duratek®**

EPOKSİ VE POLİÜRETAN SİSTEMLER

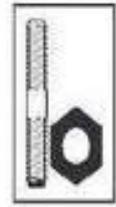


**ŞİŞECAM**



**AKSA**

Akrilik Kimya Sanayii A.Ş.



**BERDAN ÇİVATA**

SOMUN VE YEDEK PARÇA SAN.TİC.LTD.ŞTİ



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## WIND ENERGY MARKET MAIN INDICATORS

TEİAŞ (Turkish Electricity Transmission Company) announced the capacities for the wind power generation at 02.12.2013 for 2014.

After 2015 TEİAŞ (Turkish Electricity Transmission Company) will announce those capacities till in April for each year.

Dates of application for a pre-license will be in October.

Tender procedure changed at 06.12.2013

Old version; Bid for kWh

New version; Bid for MW,

This fee is like a development fee. Paid in 3 years



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Turkish Wind Energy Sector  
will show a rapid development  
in the coming years.





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# **TURKISH WIND ENERGY CONGRESS**

## **TÜRKİYE RÜZGAR ENERJİSİ KONGRESİ**

**5-6 Kasım**  
**November 2014**  
**Wow Convention Center**



# INTERCONTINENTAL WIND POWER CONGRESS

30 March - 02 April 2015



Organizer

Co-Organizer

Co-Organizer



**EWEA**  
THE EUROPEAN WIND ENERGY ASSOCIATION

**GWEC**  
GLOBAL WIND ENERGY COUNCIL

[www.iwpc2015.org](http://www.iwpc2015.org)