

# **EWEA 2013 EMERGING MARKETS**

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## ENERGY



## CONSTRUCTION

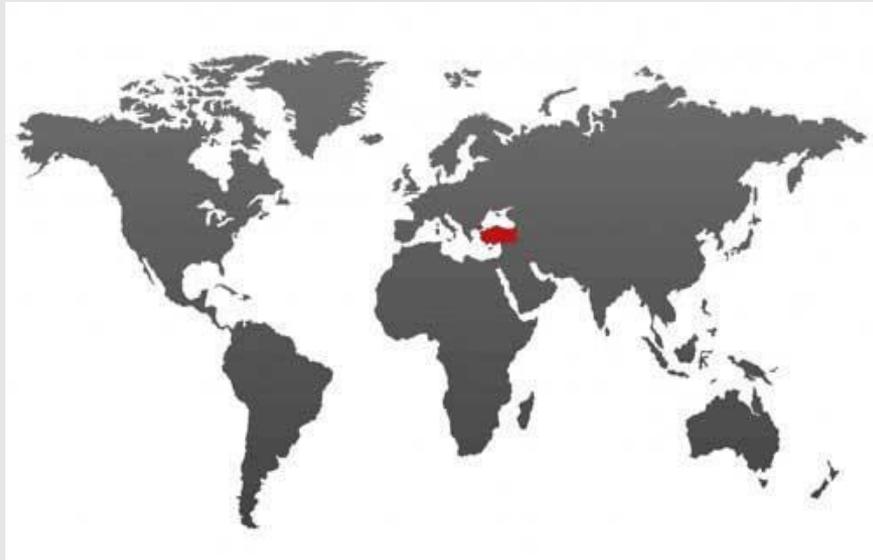
**2007****WIND ENERGY IN TURKEY****2013**

	<b>2006</b>	<b>2013</b>
<b><i>UNDER OPERATION</i></b>	<b>51 MW</b>	<b>2312 MW</b>
<b><i>UNDER CONSTRUCTION</i></b>	<b>90 MW</b>	<b>595 MW</b>
<b><i>LICENSED</i></b>	<b>3527 MW</b>	<b>11000 MW</b>



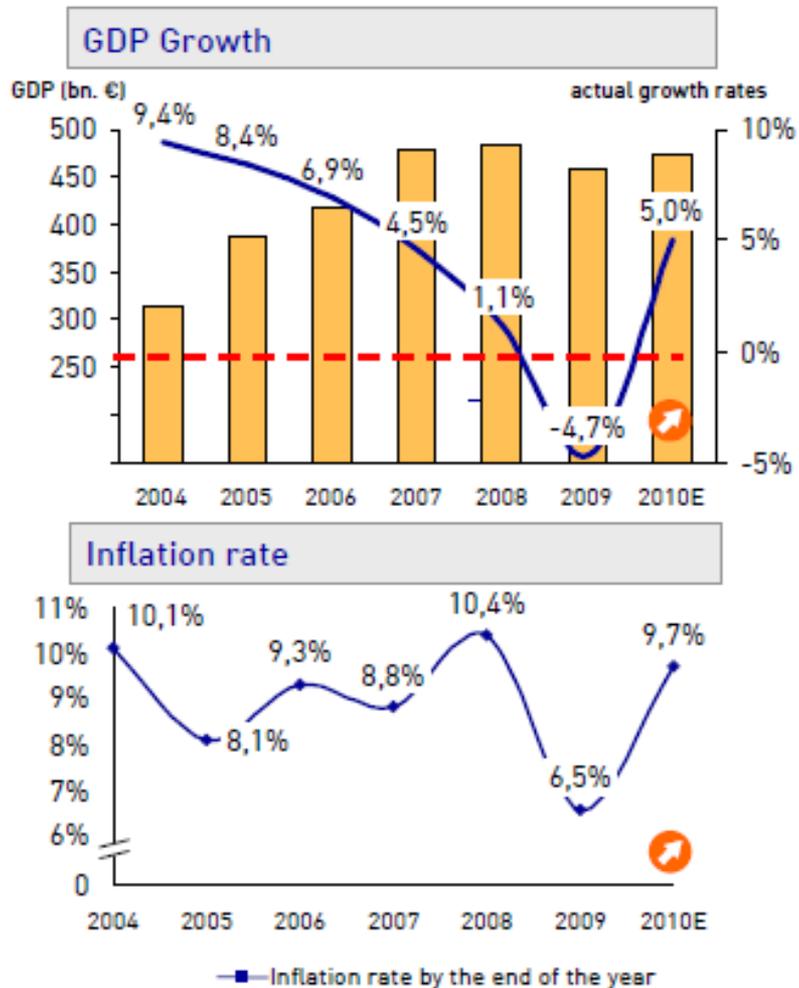
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## ECONOMIC FIGURES

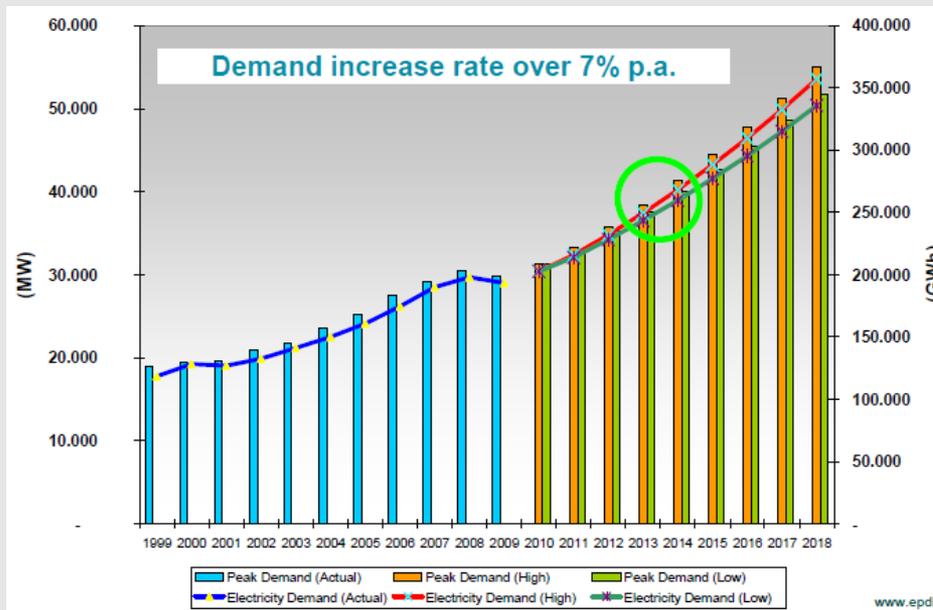
- 16<sup>th</sup> biggest economy in the world.
- 6<sup>th</sup> biggest electricity market in EU.
- Solid Macro fundamentals, renewed and strengthened economic stability.
- Flexible market conditions.
- Investment Hostile Regulations.



## ECONOMIC FIGURES

- Global growth % 4,2 between 1998 and 2012.
- Archived inflation targets with an soft landing planning.
- Turkey is the only country to have its ratings increased by the rating agencies Moody's, Fitch and S&P due to high resistance of the Turkish finance system during the financial crisis.

## ENERGY SECTOR



- %5 p.a growth at energy consumption between 1997 & 2012.
- %7 p.a expected growth at energy Consumption.
- Market oriented price mechanism



T.C. BAŞBAKANLIK  
ÖZELLEŞTİRME İDARESİ BAŞKANLIĞI

Ana Sayfa | Başkanlık | Portföy | Özelleştirme Programı | Uygulamalar | Sosyal Destek | Yayınlar | TR | EN

Başkanlık  
Portföy  
Sosyal Destek Program  
Uygulamalar  
Yayınlar  
Duyuru  
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T.C. BAŞBAKANLIK ÖZELLEŞTİRME İDARESİ BAŞKANLIĞI

**EÜAŞ - ELEKTRİK ÜRETİM A.Ş.'YE AIT SANTRALLERİN ÖZELLEŞTİRİLMESİ HAKKINDA İLAN**

Grup	Santral Adı	Tanıtım Dokümanı ve İhale Şartnamesi Bedeli (TL)	Teminat Tutarı (ABD Doları)
1	İznik-Dereköy, İnegöl-Cerrah, M.Kemalpaşa-Suçtu	1.500	150.000
2	Haraklı-Hendek, Pazarköy-Akyazı, Bozüyük	1.500	150.000
3	Kayaköy	1.500	500.000
4	Kovada I, Kovada II	1.500	3.000.000
5	Turunçova-Finike	1.500	150.000
6	Anamur, Bozyazı, Mut-Derinceay, Silifke, Zeynel	1.500	500.000
7	Bozkr, Emenek, Göksu	1.500	3.000.000
8	Dere, İvriz	1.500	150.000
9	Kayadibi	1.500	150.000

ÖZELLEŞTİRME 2009

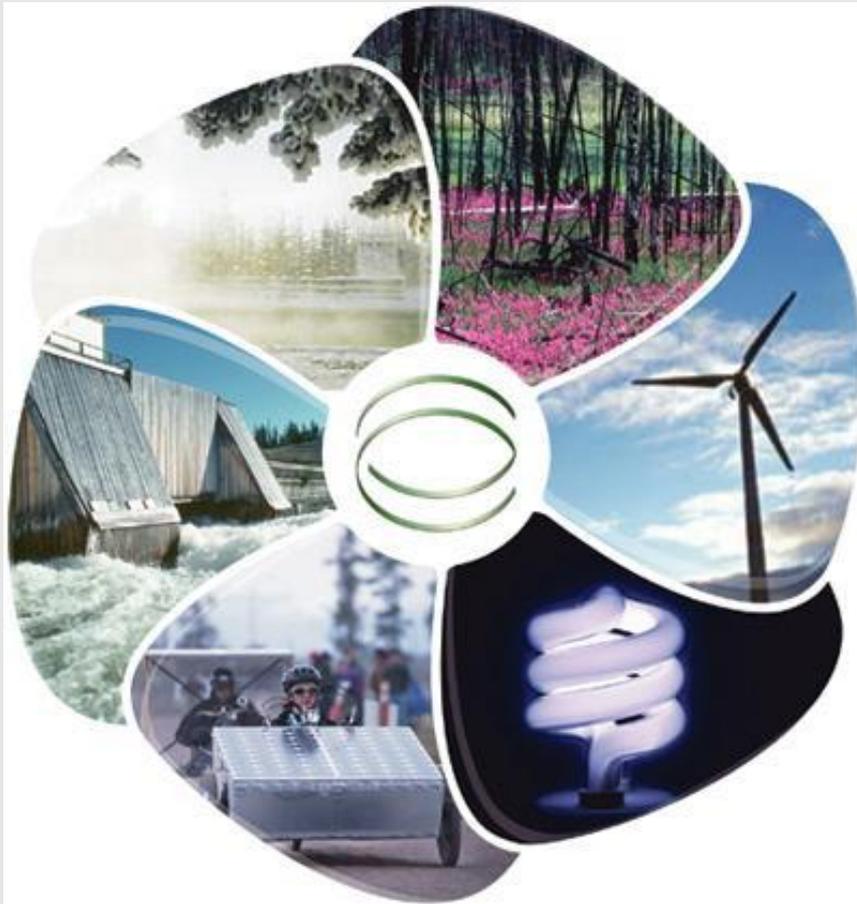
WWW.oib.gov.tr

For English

- EÜAŞ HES Santralleri Detay Bilgi »

## ENERGY SECTOR

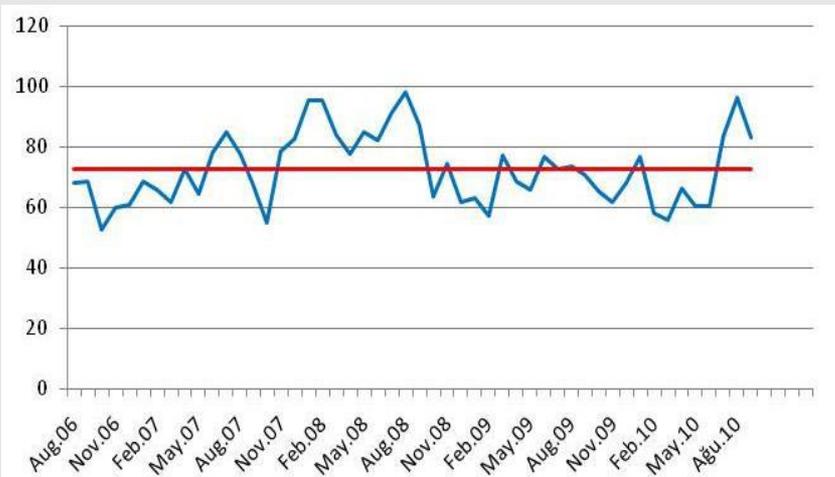
- Significantly huge private sector investment needed to close the gap between Demand-Supply imbalances due to demand expectation to be doubled until 2020.
- Expected imminent Demand-Supply imbalance at near future.
- Successful liberalization efforts and further governmental commitment for privatization



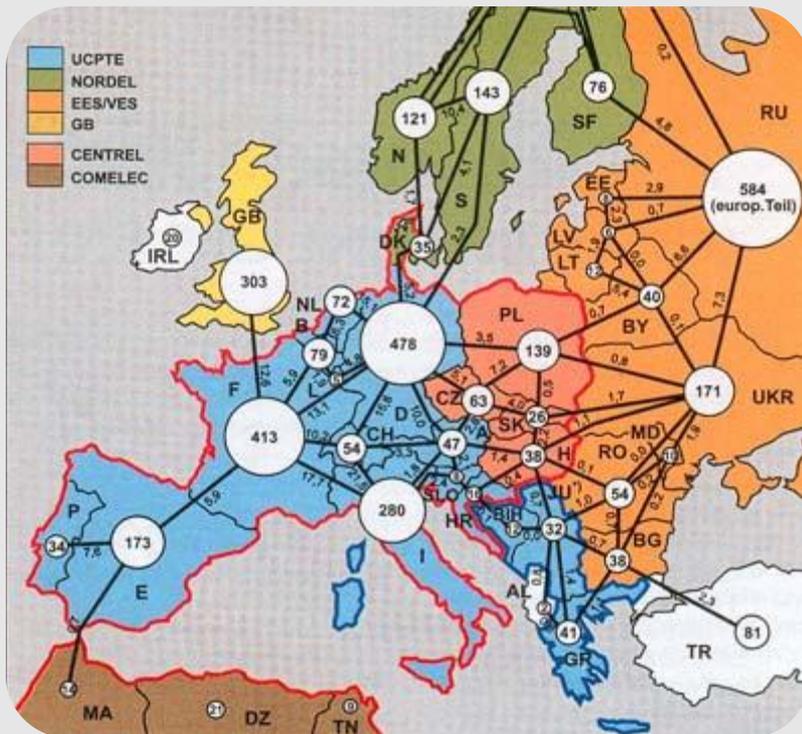
## ENERGY SECTOR

- Great potential for Wind, Hydro, Solar, Bio, Geothermal.
- Incentives for renewable energy.
- The Parliament already decided to become a party to the Kyoto Protocol.

## ENERGY SECTOR



- Promising market price  
9,09 \$Cent/kWh average from June 2008 to 2012.
- 55.784 MW Installed Capacity.  
39.045 MW Peak Demand
- Highly Dependent to Natural Gas

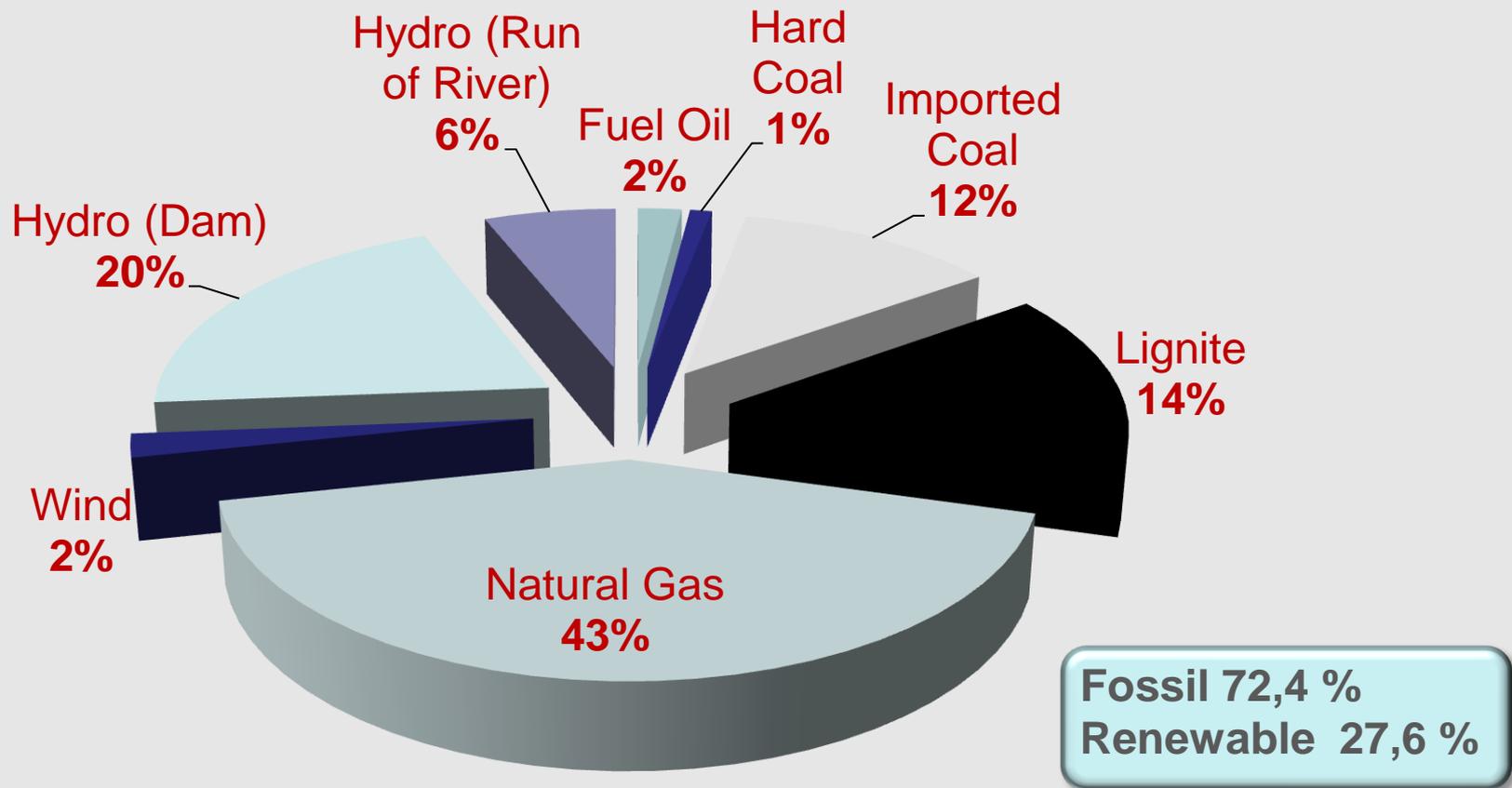


## ENERGY SECTOR

- %54.3 of Installed Capacity owned by Public Sector.
- Turkey connected to the ENTSO-E
- No license needed under 500 kW

## ENERGY SECTOR

### Energy Production Graphic





## WIND ENERGY

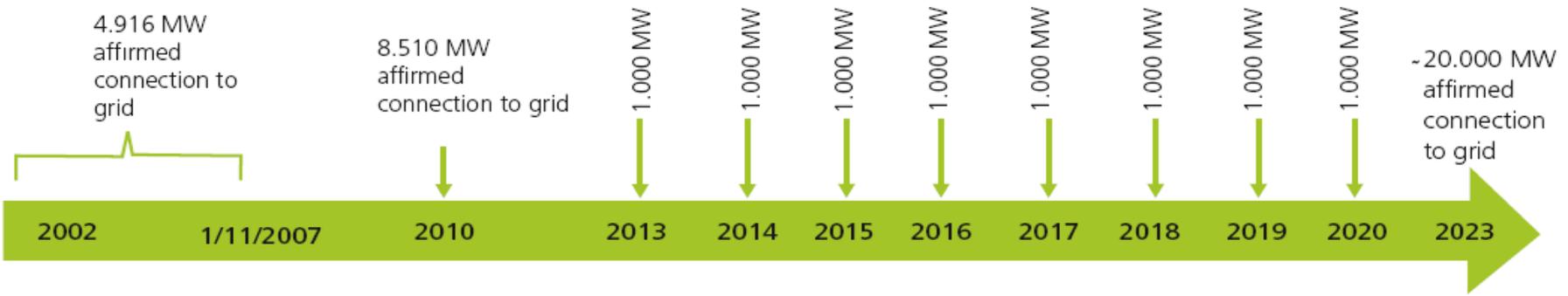
- Highest potential in Europe.
- 2023 20.000 MW installed capacity for wind.
- Well designed legislation.
- Highest potential areas are North Aegean coast and Marmara Region.



## WIND ENERGY

- New Renewable Energy Law.
- 10 year feed in tariff 7,3 \$Cent/kWh for wind.
- 5 year local content contribution.
- Easy Land Securing.

**Road map is designed.**



Around 1.000 - 1.200 MW affirmed connection then dropped by EMRA Board Decision

Source: TEIAS

**License application for every year until 2023**

## WIND ENERGY

*5 year local content contribution.*



<b>Blades</b>	<b>0,8 \$Cent/kWh</b>
<b>Generator And Power Electronics</b>	<b>1,0 \$Cent/kWh</b>
<b>Tower</b>	<b>0,6 \$Cent/kWh</b>
<b>All mechanical equipment at rotor and nozzle groups</b>	<b>1,3 \$Cent/kWh</b>

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