

# 5th Turkey Renewables

## Congress & Exhibition

Securing a greener environment

5\* Mövempick Hotel, Ankara  
**26th November 2013**

### Key topics to discuss:

- Market trends and analysis, regulatory environment, investment climate
- Solar Energy
  - Key financial issues
  - Regulatory & legislative problems faced in practice
  - Success stories
- Wind Energy
  - Finance & application issues
  - New capacities - future expectations
- Opportunities for Geothermal, Hydro and Biomass in Turkey
- Renewable energy sources
  - Best practice case studies from Turkey and other European countries
- Privatisations in the energy sector
- Unlicensed electricity production
- Renewable energy technologies



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## Draft Agenda



### REGISTRATION AND COFFEE

CHAIRMAN'S OPENING ADDRESS

KEYNOTE ADDRESS (reserved for sponsors)

### MINISTERIAL ADDRESS

- Republic of Turkey, Ministry of Energy and Natural Resources
- Turkish Electricity Transmission Company (TEIAS)
- Republic of Turkey, Energy Market Regulatory Authority (EMRA)
- Electricity Generation Company (EUAS)

### MARKET OUTLOOK

#### Topics to be addressed:

##### Presentations

- Highlighting the key regulatory changes in Turkey over the last 12 months
- Current and forthcoming amendments to the secondary legislation
- Commissioning of licences and unlicensed RES projects
- Opportunities for incorporating renewables into Turkey's energy mix

##### Presentations

- Expectation for a more stable energy sector
- Legal obligations and rights of investors/operators
- What legal-administrative procedures need to be taken into account?
- How can financiers and project sponsors make the best of the domestic component provision in the renewable energy law?

##### Presentations:

- Impact of Privatization in the Turkish Energy Sector
- What strategy is the Privatisation Agency following and what assets will be next?

### OFF LICENSE ELECTRICITY PRODUCTION

- The Regulatory Landscape for Small Scale Renewables
- Experience of Small Scale Renewable Energy Project Development
- Selling of electricity produced by licensed/unlicensed RES projects
- What are the challenges?
- Building infrastructure

### SESSION 1: SOLAR SHOWCASE SESSION

#### Topics to be addressed:

##### Presentations

- Technical and economic studies and adoptable success stories
- Legislation, licensed and unlicensed regulations, strategies, problems encountered in practice

**Lessons learned:** Methods for ensuring sustainable and efficient solar projects

**Case study** from an active player – what is happening on their side

##### Panel discussion

- Has the government done enough over the last 12 months to facilitate large scale PV projects? What more needs to be done?
- What will be the key financing issues for upcoming solar deals?
- Opportunities to incorporate solar with other energy sources
- What are the most suitable options for solar in Turkey? Comparison of CSP to PV

### SESSION 2: WIND ENERGY SESSION

#### Topics to be addressed:

##### Presentations

- What are the lessons learned from last year and what will be the focus in the next year?
- New capacities - future expectations
- Financing & application issues
- How can Turkey further develop wind energy sector?
- Actions taken to reach planned target of 20GW of wind power capacity by 2023
- What are the main challenges? What further actions need to be taken?
- Identifying PPP opportunities in wind energy projects

##### Panel Discussion: Investing in Turkish Wind Energy Market

- What are the current issues in financing wind projects? Best Financial mechanisms
- Role of IFI Investments
- What is the bankability of wind energy investments?
- What incentives can attract more investors?

**Case study:** What can Turkey learn from European projects in order to develop projects sustainably, effectively and efficiently?

##### Case study: Recent Turkish project

- The role and value of local manufacturing
- Challenges of the Turkish Wind Energy Market and how these have been overcome

### SESSION 3:

#### EXAMINING GEOTHERMAL, HYDRO AND BIOMASS PROJECTS IN TURKEY

##### Geothermal Analysis

- Financing for Exploration
- The challenges specific to municipal developments
- Is PPP a viable option for private equity investors looking to invest in Geothermal?
- The effect of licensing and policy uncertainty on investment prospects

##### Opportunities for Biomass/Waste to Energy in Turkey

##### Hydro in Turkey

- Bankability of hydro projects
- Application difficulties - Public acceptance

### SESSION 4:

##### Bankability of Renewable Energy Projects – True Cost

- What are the main challenges preventing projects from materialising or leading to unforeseen costs? How can these be overcome?
- What is the best investor for my project (strategic, financial)?
- How do investors view the regulatory/legislative environment?
- What risks are investors not willing to take?
- Assessing the adequacy of government incentives/ subsidies/ FIT's?

##### Renewable Energy Technologies

- Latest developments
- Benefits of using cost effective solutions
- The importance of technical risk management and accurate cost assessment