

Benban solar plant – LBS presentation

7 November 2019



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for Reconstruction and Development

Where is it?



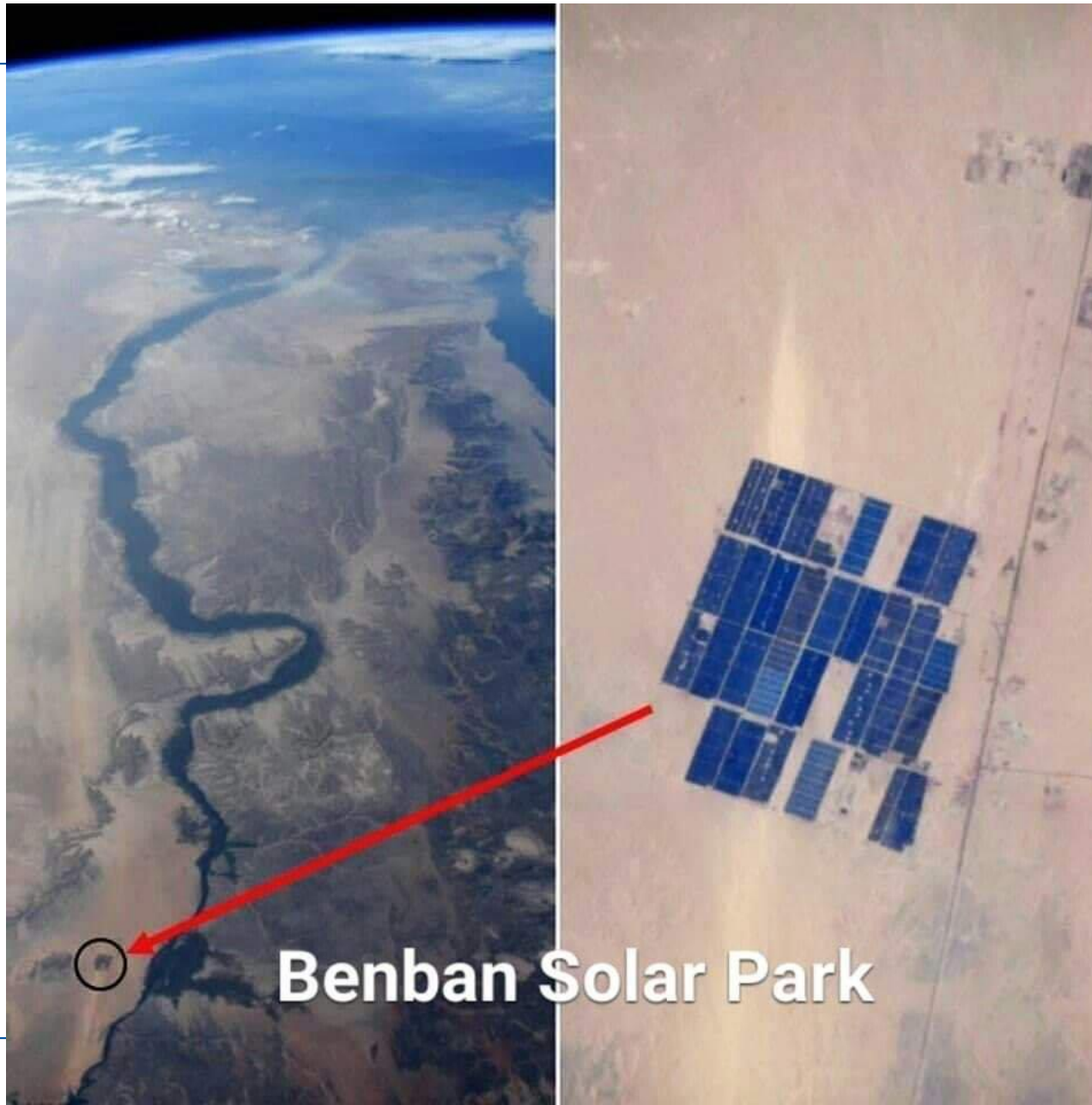
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What is it?



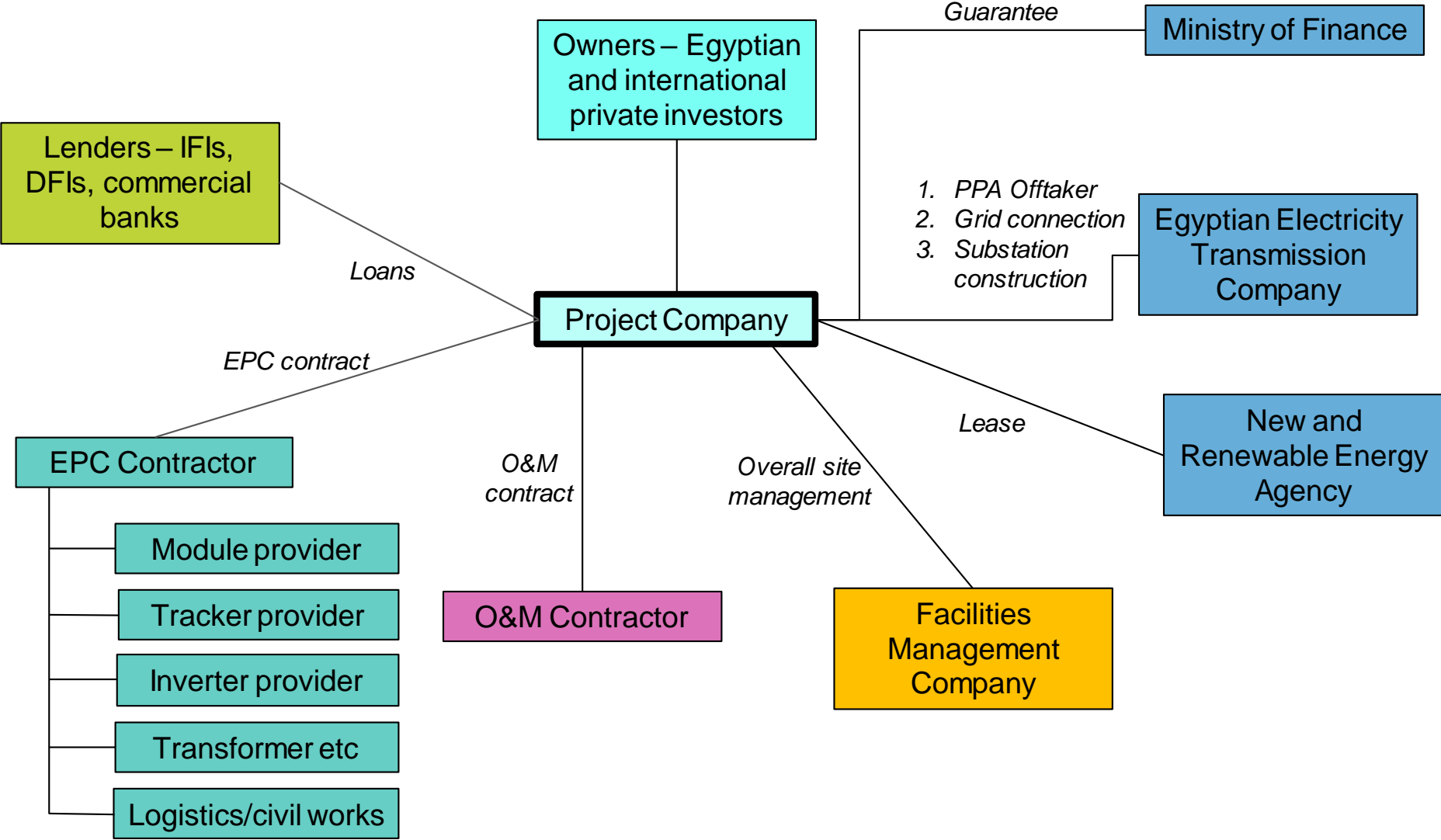
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Benban Solar Park

- 1,650 MW solar photovoltaic park.
- Generating more than 3,500,000 MWh annually
- More than USD 2 billion investment
- Divided into 32 individual plots, connecting through four 220 kV substations

How are the projects structured?



Commercial features



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- All power sold under a long-term power purchase agreement between the project company and EETC.
- Fixed price of 8.4 USDc/kWh.
- Tenor of 25 years from start of commercial operations
- EETC takes demand, price and grid risk as well as certain external risks
- Project company takes energy yield, construction and operation risks
- Tariff is 70% indexed to USD:EGP exchange rate
- Agreement drafted to best international standards
- Arbitration in Cairo under CRICA Rules with offshore seat



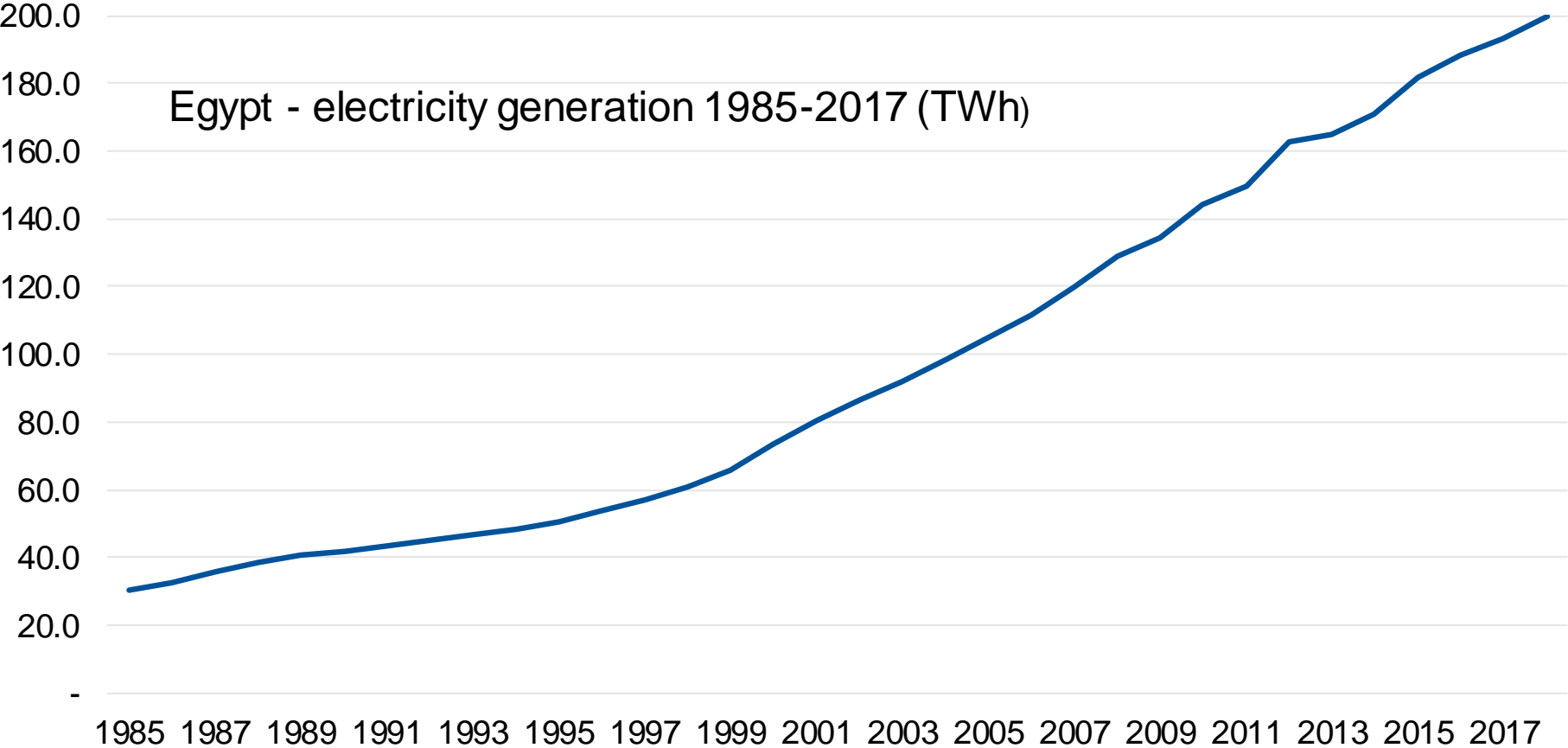
Timeline



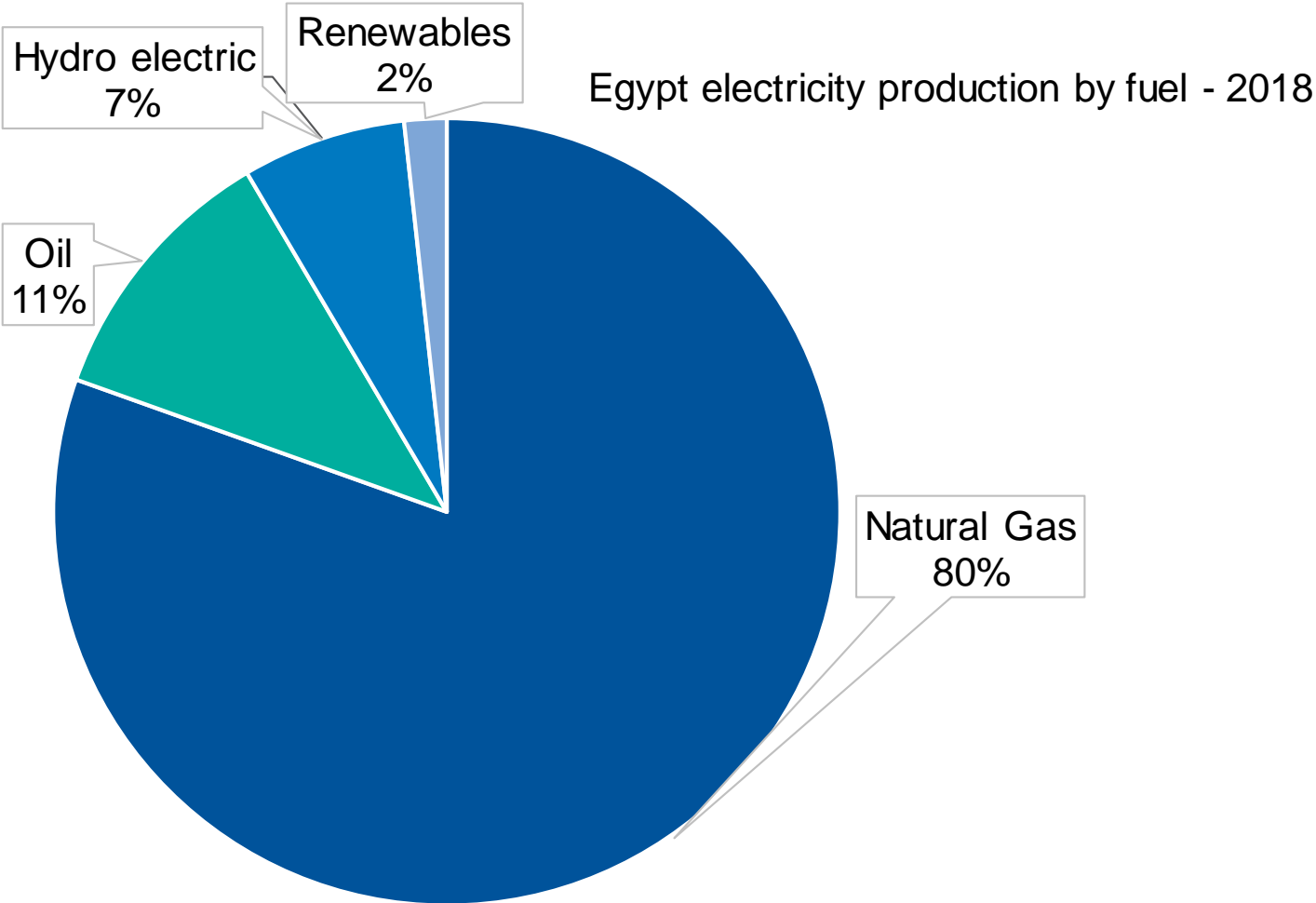
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- Oct 2014 – Feed-in Tariff decree
- Jan 2015 – Initial prequalification of developers
- 2015-16 – PPA negotiations, allocation of plots, preparatory works
- Oct 2016 – Round 1 deadline – 3 projects passed
- Oct 2016 – Round 2 launched with revised tariff
- Oct 2017 – Financial close for Round 2
- 1Q 2018 – Construction starts
- 1Q 2019 – Oct 2019 – projects complete

Egypt - electricity generation 1985-2017 (TWh)



Source: BP Statistical Review of World Energy 2019

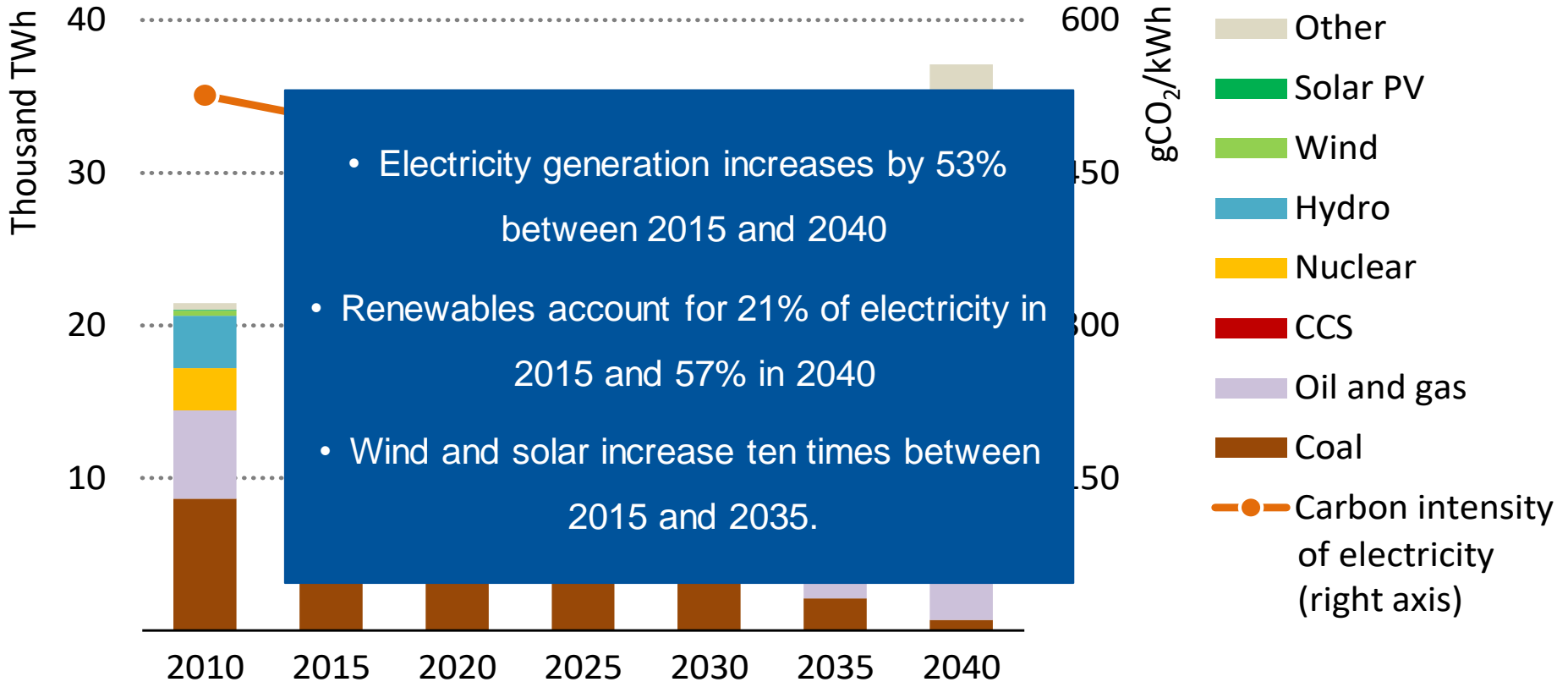


Source: BP Statistical Review of World Energy 2019

The bigger picture



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Power generation and carbon intensity of electricity in the Sustainable Development Scenario. Source: International Energy Agency (2018), World Energy Outlook 2018, OECD/IEA, Paris.

Benban FiT solar park – 8.4 USDc/kWh

Gulf of Suez windfarm – 4.0 USDc/kWh

Kom Ombo solar park – 2.7 USDc/kWh

2020 – ???

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