

The role of energy statistics in achieving sustainability

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Training to national officials and experts responsible for sustainable energy data collection

**8th International Forum on Energy for Sustainable Development
Astana, 11-14 June 2017**



Government of the Republic
of Kazakhstan



ECA
ECLAC
ESCAP
ESCWA
UNECE

Ask the right questions

- Data definition
 - are you asking for what you want and is it clear to the estimator?

What are Proved Reserves

- The project has been approved for development by all necessary parties and entities, including governmental entities.
 - USA Securities & Exchange Commission Rule 2.10-4.10
- Implementation of the development project is justified on the basis of reasonable forecast commercial conditions at the time of reporting, and there are reasonable expectations that all necessary approvals/contracts will be obtained.
 - Society of Petroleum Engineers Petroleum Resources Management System

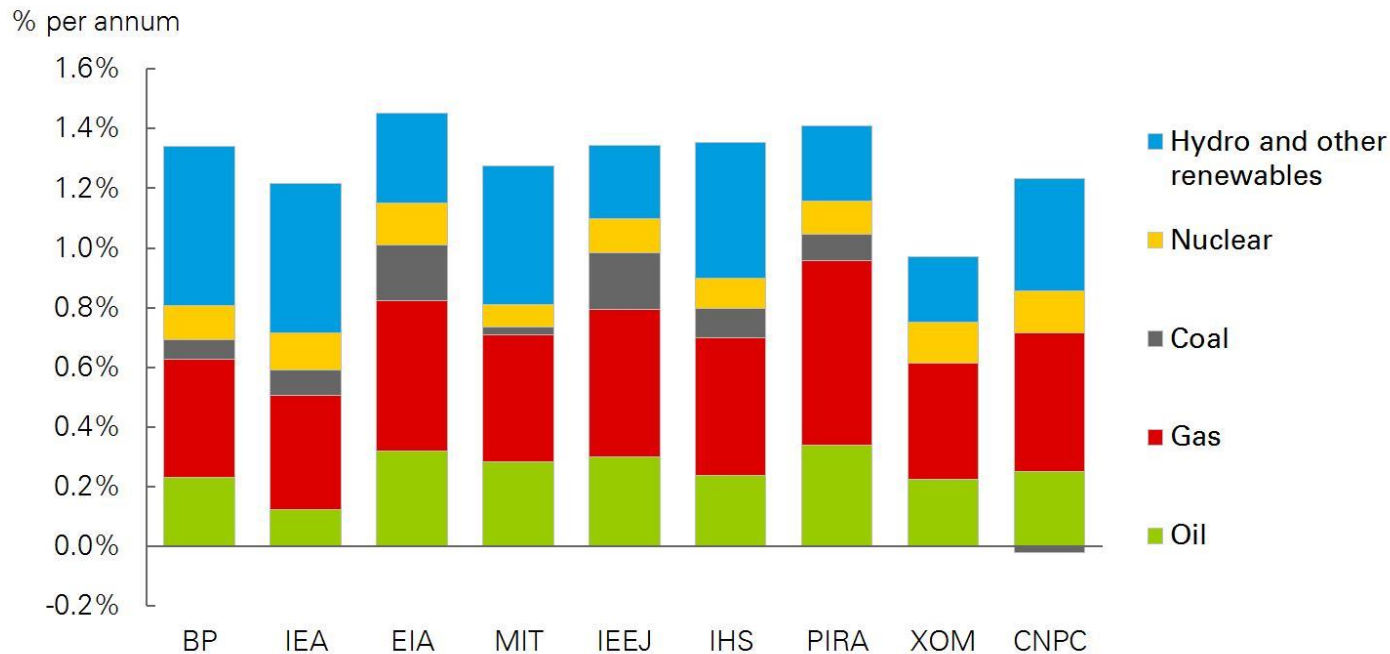
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Comparison with other energy outlooks

Contributions to growth of energy consumption, 2015-2035



For a key to the outlooks and details of sources see page 102

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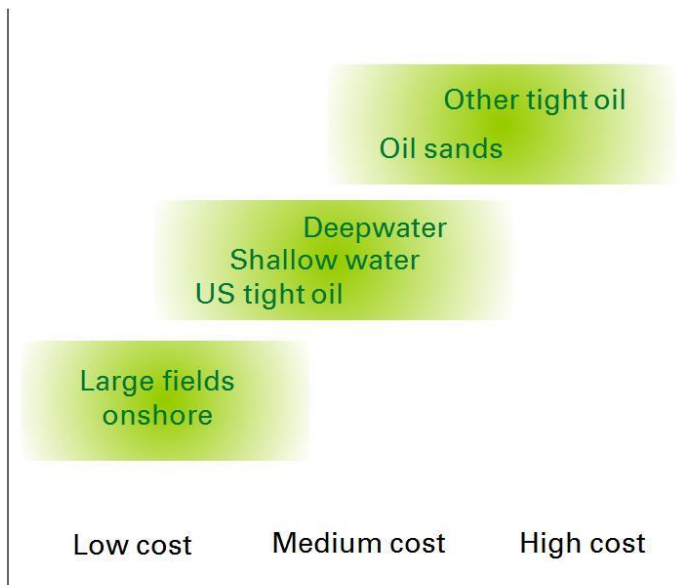
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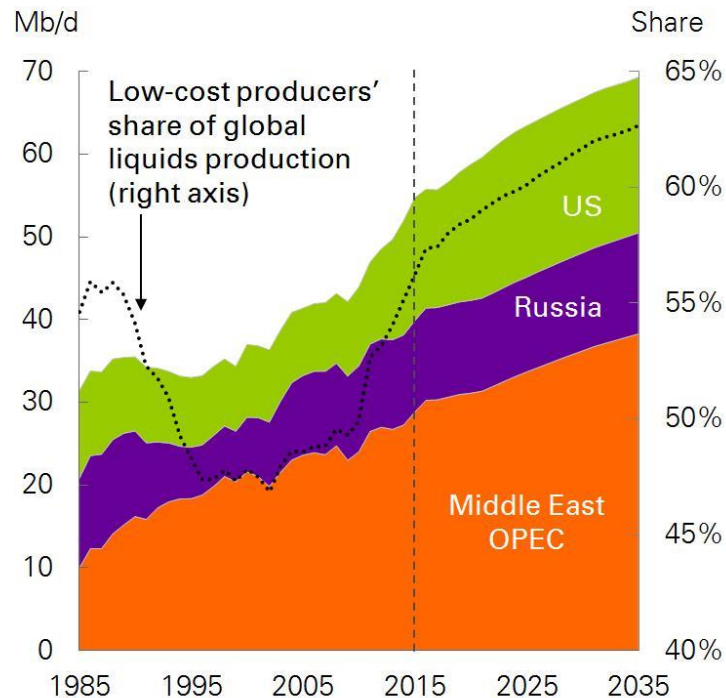


Abundance of oil resources may cause a change in behaviour...

Cost of supply (pre-tax)



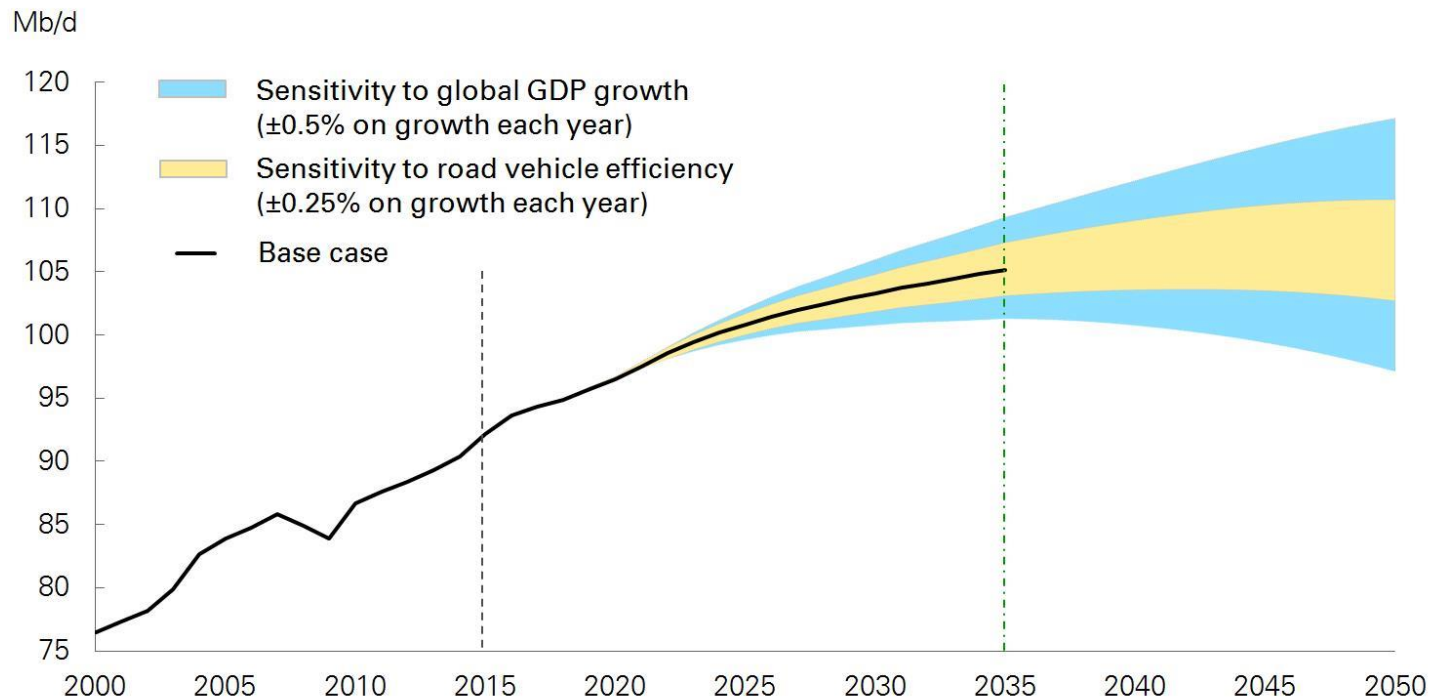
Oil supply of lower-cost producers





The point at which global oil demand will peak...

Illustrative paths for oil demand under different assumptions



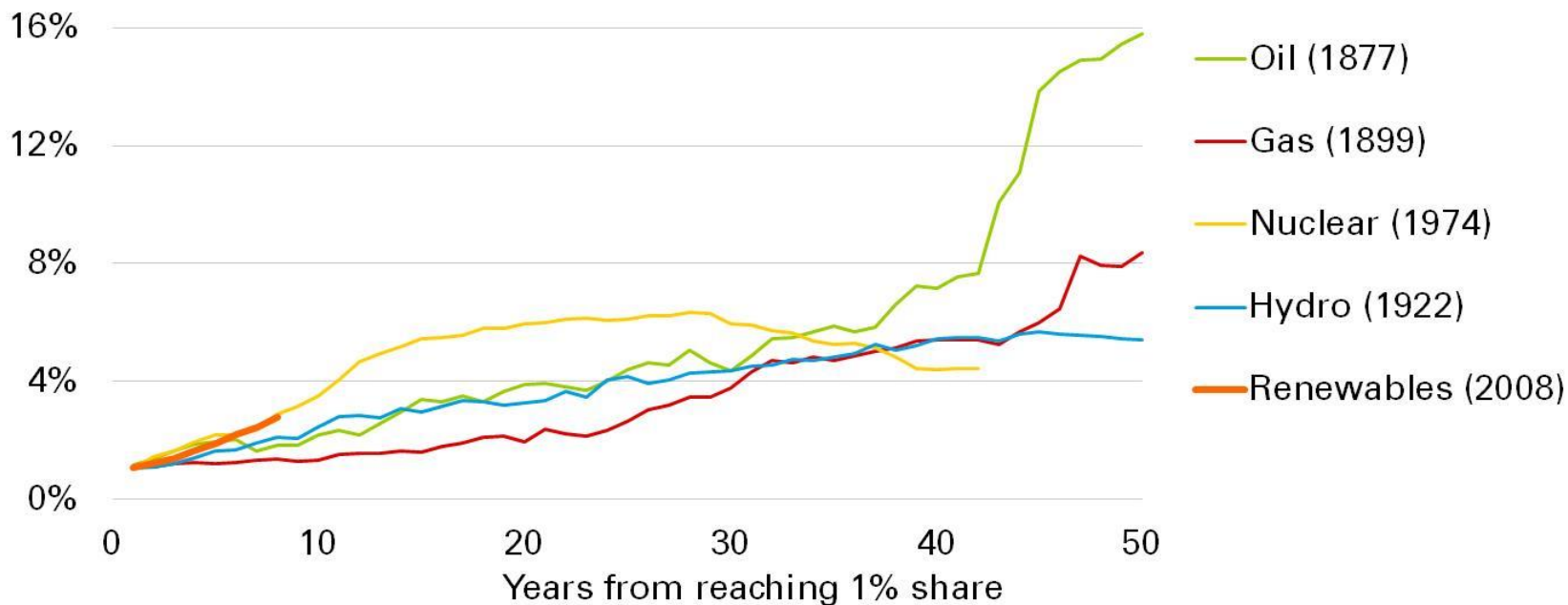
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Speed of transition



Shares of global primary energy



Note: - For sources of data pre-1965 see "Economic development and the demand for energy" by Ruehl et al, Energy Policy, 2012

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