On the road to the Antalya G20 Summit

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The G20 share of key indicators

The G20 has a key role to play on energy issues due to its sheer weight in global balances and as energy security & climate challenges go beyond national boundaries.
In the last 5 years, almost 30% of global oil & discoveries were in sub-Saharan Africa; the region has vast untapped renewables potential, notably hydropower & solar.
Inclusive & robust economic growth is impossible without energy access; two-thirds of the population in sub-Saharan Africa (620 million people) still live without electricity
Fossil fuel subsidies impose enormous economic, social & environmental costs

Momentum for reform is building – including in India, Indonesia & Mexico – yet fossil fuel subsidies still totalled around $500 billion in 2014, or 4 times those to renewable energy.
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Projected coal-fired plant additions
2014 – 2040

- China
- India
- Other Asia
- Rest of the world

1 365 GW

Each – and every – percentage point improvement in the efficiency of the coal-fired fleet, cuts global coal use by almost the current demand of Germany.
Antalya to Paris – the last chance to reach the 2°C goal?

Building on commitments from G20 countries gathering in Antalya, Paris must send a strong signal that increases low-carbon investment to four times current levels.
In an often volatile region, Turkey plays a pivotal role in energy security

Global oil & gas reserves in proximity of Turkey (billion barrels of oil-equivalent)

Turkey’s proximity to almost 70% of the world’s oil & gas reserves enhances its attraction as a place to do business & as a gateway to other major consumers
Strong demand has made Turkey a bright spot in Europe's gas market.

Natural gas demand in Turkey has more than tripled since 2000, reaching almost 50 bcm in 2014; a level higher than that of France.
The need for G20 action on energy

- Secure & stable energy markets are critical for sustained economic growth in the G20 and beyond
- Energy access in sub-Saharan Africa is a prerequisite for inclusive & robust growth
- Without clear direction from G20 economies, the world is set for warming well beyond the 2°C goal
- Considering the global economic & geopolitical landscape, the Turkish G20 Presidency comes at an ideal moment
- The IEA stands ready to continue to support Turkey