To Paris:
Just a hop, skip and a jump from here

29 September 2015
IEA, Paris

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What does the energy sector need from COP21?

The IEA proposal for COP21:

1. **Peak in emissions** – set the conditions which will achieve an early peak in global energy-related emissions

2. **Five-year revision** – review contributions regularly, to test the scope to lift the level of ambition

3. **Lock in the vision** – translate the established climate goal into a collective long-term emissions goal

4. **Track the transition** – establish a process for tracking energy sector achievements
National pledges build towards a global agreement

Submitted INDCs cover around 75% of energy-related CO2 emissions, with implications for future energy & emissions trends.
Climate pledges shift the energy sector

- One-quarter of the world’s energy supply is low carbon in 2030; energy intensity improves three-times faster than the last decade

- Renewables reach nearly 60% of new capacity additions in the power sector; two-thirds of additions are in China, EU, US & India

- Natural gas is the only fossil-fuel that increases its share of the global energy mix

- Total coal demand in the US, Europe & Japan contracts by 45%, while the growth in India’s coal use slows by one-quarter

- But despite new pledges, inefficient coal plants installed in 2030 are only marginally lower than today
Implications for energy-related emissions

- **450 Scenario**
- **INDC Scenario**
## Complementary measures

<table>
<thead>
<tr>
<th>Type</th>
<th>Examples</th>
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<tr>
<td>Voluntary partnerships between businesses and government</td>
<td>• Voluntary programs and agreements (e.g. UK Climate Change Agreements, Japanese Voluntary Action Plan)</td>
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<td>Government actions to influence state-owned enterprises</td>
<td>• Investments and direct control (e.g. Chinese power, France EDF)</td>
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<td>Private sector business action</td>
<td>• Unilateral actions, business coalitions, partnerships with NGOs (e.g. renewable energy targets, supply chain, efficient products, investor action)</td>
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1. Goal type (absolute, BAU, single or multi-year etc.)

2. Is the goal quantifiable?

3. Coverage (sectors, gases)

4. Intention to use international markets

5. Inventory methodologies

6. Accounting approaches/assumptions
To success . . .