Multi-year Expert Meeting On Transport and Trade Facilitation:

Maritime Transport and the Climate Change Challenge

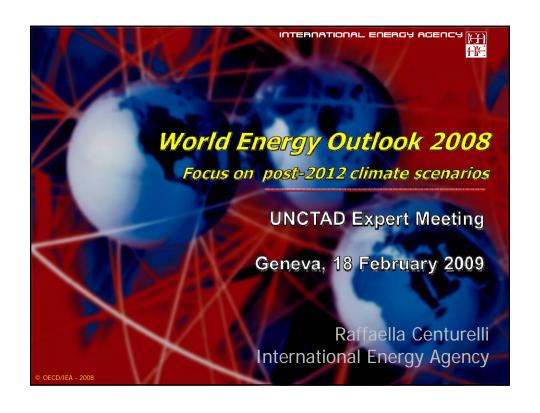
16-18 February 2009

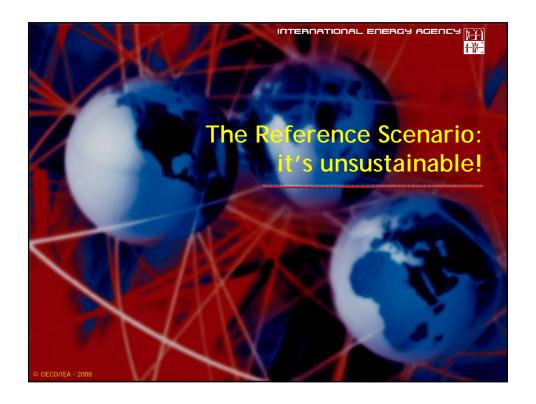
World Energy Outlook 2008: Focus on Post-2012 climate scenarios

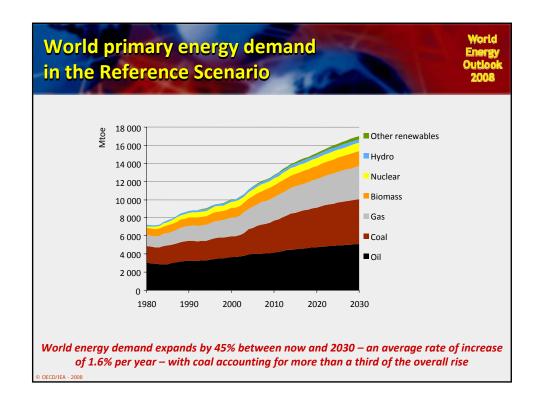
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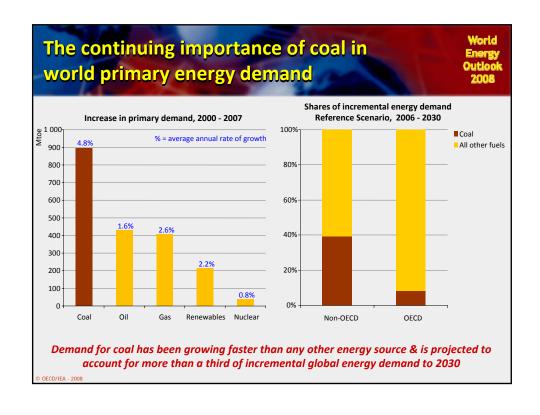
Ms Raffaella Centurelli International Energy Agency

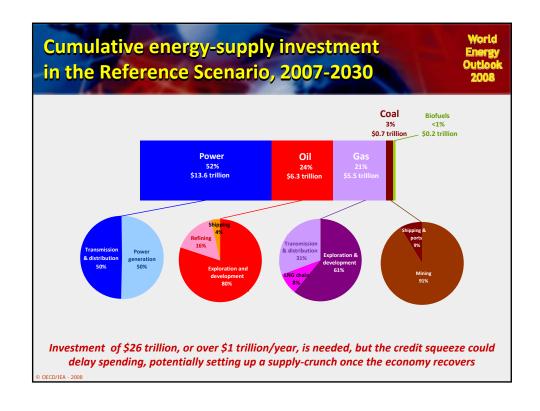
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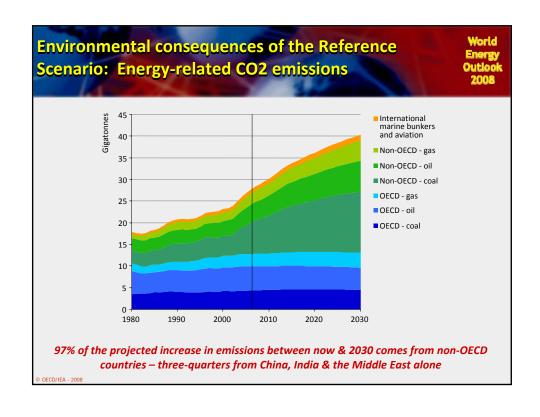


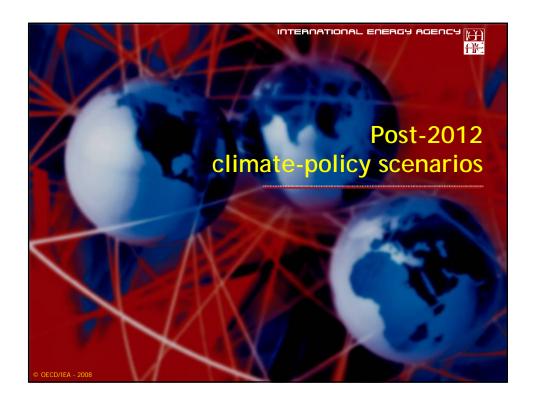


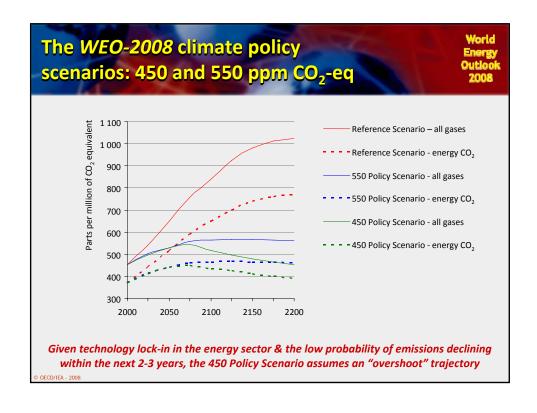


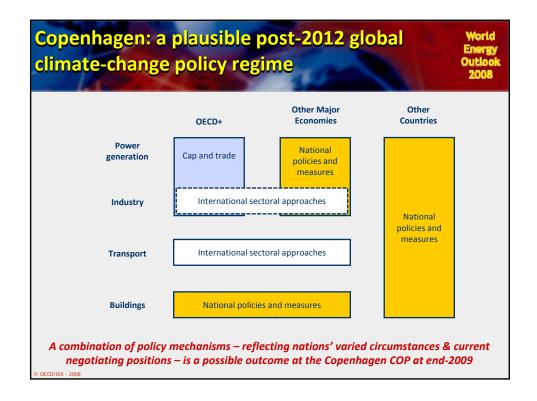




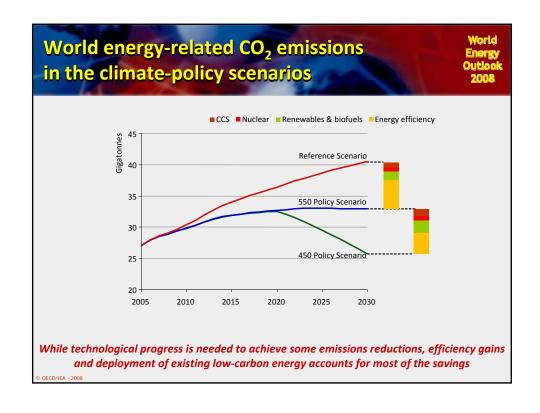


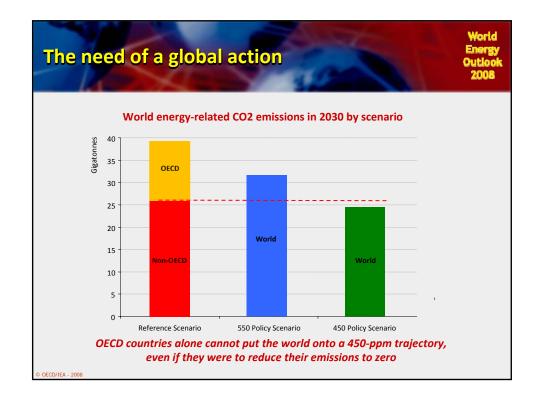


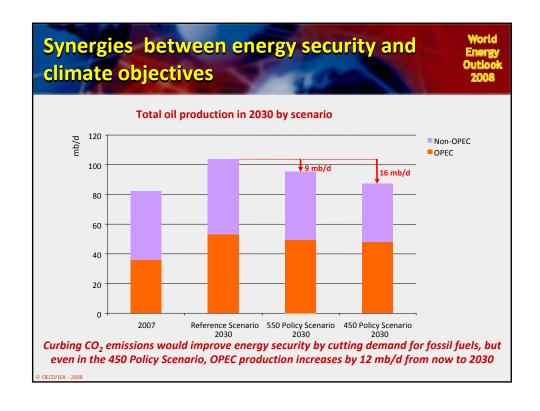


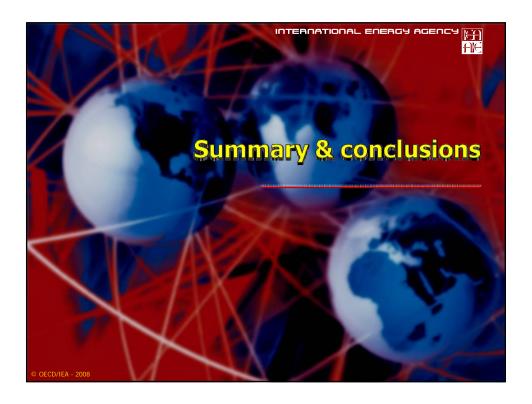


Key results of the post-2012 climate-policy analysis **450 Policy Scenario 550 Policy Scenario** Corresponds to a c.2°C global Corresponds to a c.3°C global temperature rise temperature rise Energy demand continues to Energy demand grows, but half expand, but fuel mix is markedly as fast as in Reference Scenario different Rapid deployment of low-carbon • CO, price in OECD countries technologies - particularly CCS reaches \$90/tonne in 2030 Big fall in non-OECD emissions Additional investment equal to CO₂ price in 2030 reaches 0.25% of GDP \$180/tonne Additional investment equal to 0.6% of GDP









Summary & conclusions

World Energy Outlook 2008

- Current energy trends are patently unsustainable socially, environmentally and economically
- To avoid "abrupt and irreversible" climate change we need a major decarbonisation of the world's energy system
- The action must be global
- Measures to curb CO2 emissions can also improve energy security by reducing global fossil-fuel energy use
- The present economic worries do not excuse back-tracking or delays in taking action to address the energy and environmental challenges

OECD/IEA - 2008

