Renewable Energy
Global Perspectives for Business

Maria van der Hoeven
Executive Director
IEA

Energy Futures, Auckland, New Zealand, 26 March 2013
The power generation mix is set to change

Global electricity generation by source, 2010-2035

Renewables electricity generation overtakes natural gas by 2015 & almost coal by 2035; growth in coal generation in emerging economies outweighs a fall in the OECD
Pacific region accounts for a large share of increasing RE electricity in next 5 years

Global renewable electricity production and forecast

OECD Americas
OECD Europe
Brazil
Rest of non-OECD
India

© OECD/IEA 2013
OECD Asia-Oceania grows a portfolio of renewables

OECD Asia-Oceania forecast renewable generation

- Hydropower
- Wind onshore
- Bioenergy
- Solar PV
- Geothermal
- Wind offshore
- CSP
- Ocean

© OECD/IEA 2013
Renewable technologies compete better in a wider range of circumstances.
Conclusions – Business Opportunities

- Asia pacific region offers special opportunities for renewable energy
  - Dynamic energy markets
  - Good investment climate
  - Excellent renewables resources and huge long-term potential

- Many competitive opportunities for example

- Improving dialogue between public and private sector is crucial
  - Welcome NZ Member to IEA Renewable Industry Advisory Board