The IEA's Global Dialogue

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Figure 2.2 • World primary energy demand by region in the Reference Scenario

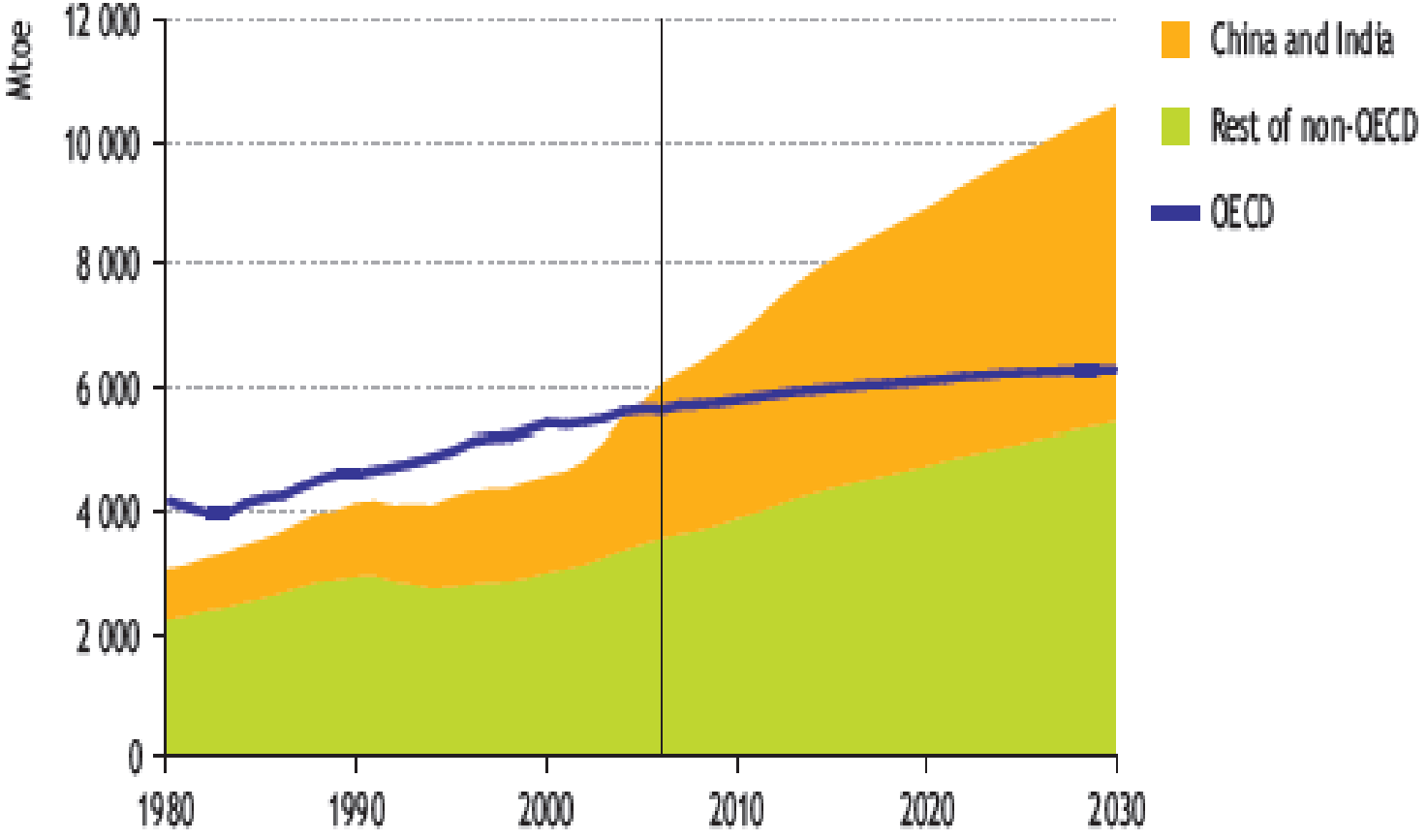

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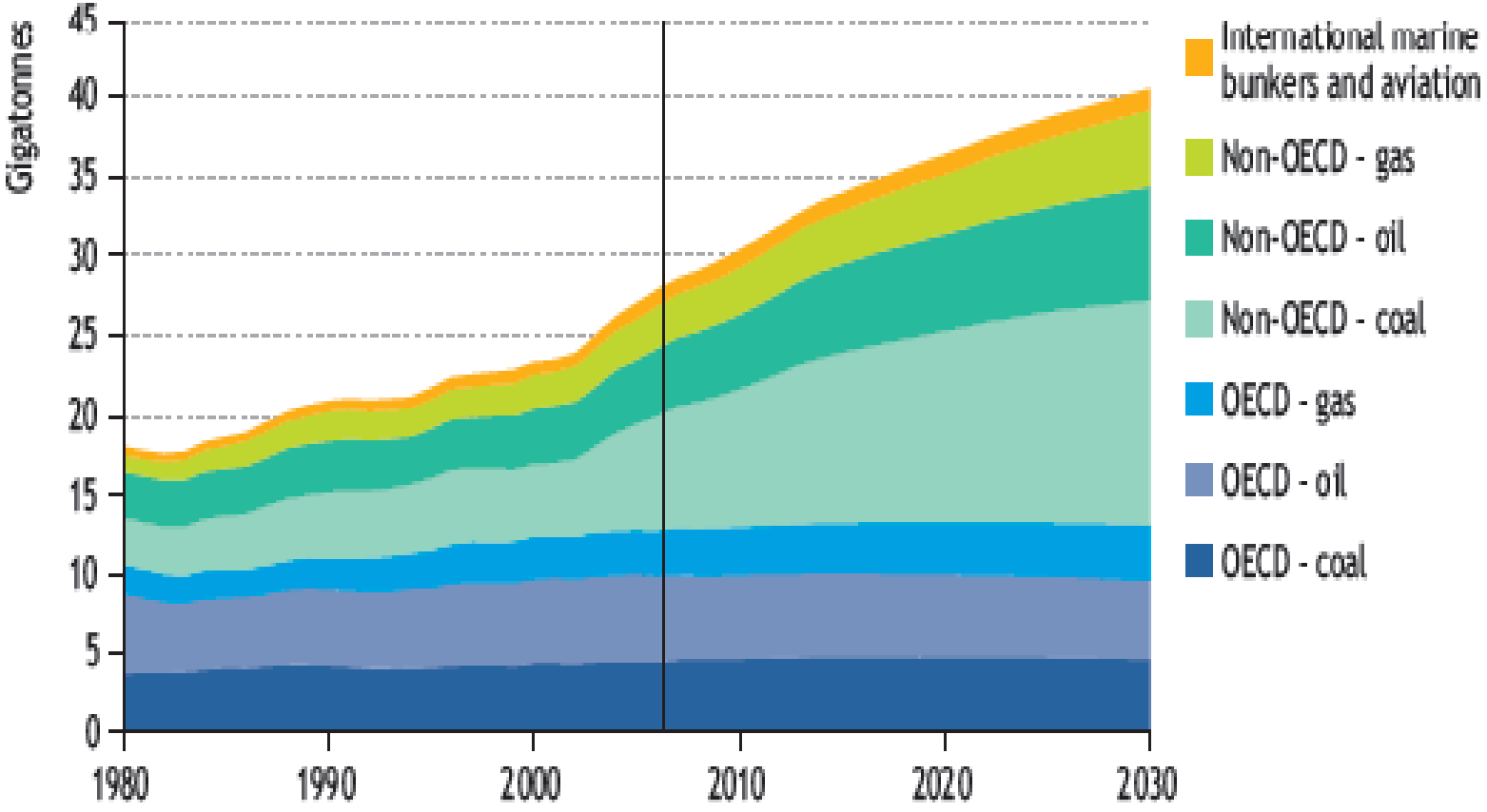
Figure 16.1 • Energy-related CO_2 emissions in the Reference Scenario by fuel and region



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Even if all OECD countries reduced their emissions to zero by 2030, we would still require contributions from non-OECD countries to achieve 450 ppm

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Source: IEA *Oil Market Report*

China Energy Policies

The 11th five year plan (2006-2010);

20% reduction in energy use per GDP

- **April 2006 Premier Wen Jiabao;**
  - **Environment and economy equal**
  - **Decouple emissions from economic growth**

- **June 2007; National Action Plan on Climate Change includes clean coal technologies**

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Source: IEA *Oil Market Report*

India Energy Policies

National Action Plan on Climate Change;

- **Solar energy**
- **Energy efficiency**
- **Water conservation**
- **Strategic knowledge platform**

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Source: IEA *Oil Market Report*

IEA Collaboration Programme

- CHINA
- INDIA
- RUSSIA
- BRAZIL
- MEXICO
- SOUTH AFRICA
- INDONESIA
- CHILE
- WESTERN BALKANS
- UKRAINE
- MANY OTHERS

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Source: IEA *Oil Market Report*

IEA China Co-operation

- 1996 MOU with State Development Planning Commission (now NDRC)
- 2001 MOU with Ministry of Science and Technology

Wide ranging joint activities:

- Data and statistics (including training)
- Oil security workshop
- Coal studies
- Power sector reform
- Renewables

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Source: IEA *Oil Market Report*

IEA India Co-operation

- **1998 MOU with the Ministry of Power**

- **Data and statistics (including training)**
- **Oil market and emergency planning**
- **Coal**
- **Natural gas**
- **Energy Efficiency**

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Source: IEA *Oil Market Report*

IEA Russia Co-operation

- Memorandum of Understanding since 1994
  - Renewed MOU with Ministry of Energy to 2010
  - Ongoing MOU with State Statistics Service
  - Wide range of government and industry contacts
- Agency-wide activities:
  - Energy Statistics
  - Energy Technology
    - Implementing Agreements
  - Energy Efficiency
    - Partnership on Energy Efficiency with Russia (PEER)
  - Gas and Electricity Market Analysis
  - Oil Market Analysis
  - Coal Industry Advisory Board

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India lead new international IEA project group on “Branding Energy Efficiency”

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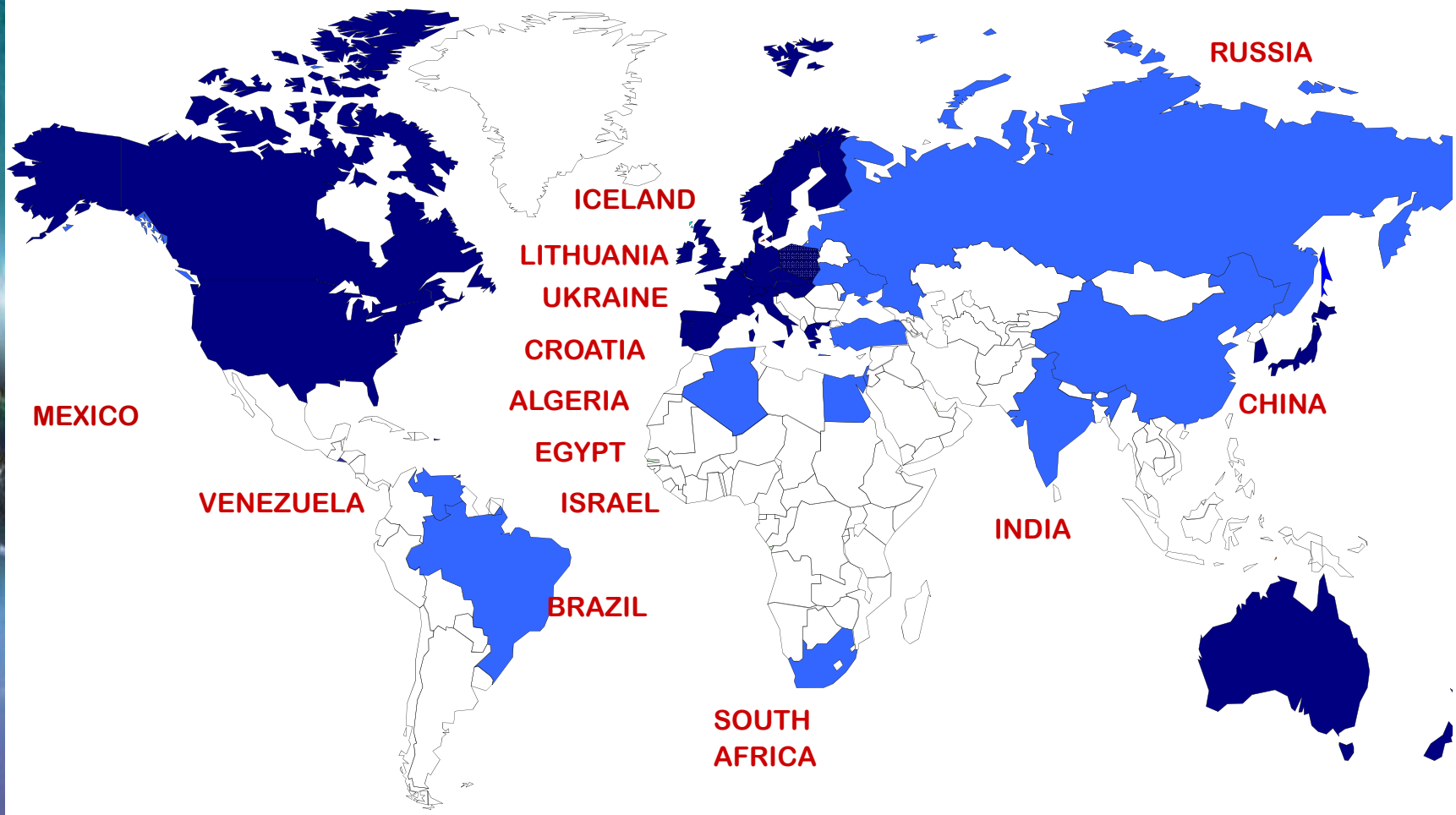
Source: IEA *Oil Market Report*

Global Energy Technology Co-operation



More than 5 000 participants from governments, industry and R&D community

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IEA Energy Technology Network

Since 1975, demand driven, 79 IAs have been created, 37 have merged or closed down
42 IAs with more than 5 000 participants

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Networks of Expertise in Energy Technology (NEET)

NEET is:

- **Part of the implementation of the Gleneagles G8 Plan of Action and will continue with support from the G8 after the 2008 Hokkaido summit**

- **The IEA Initiative to promote international energy technology networks**

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NEET Initiative steps in the effort to enhance collaboration with key non-IEA member countries

1. Fact-finding missions to the targeted country to identify:
   - National technology strategies
   - National targets
   - National key players

2. NEET workshop in the targeted country
   - Targeted on identified technologies
   - Triologue concept : IEA technology network experts, local policy makers and experts meet to discuss international collaboration

3. NEET facilitates follow-up communication

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NEET events

- **Past NEET Workshops:**
  - South Africa. Partner: South African National Energy Research Institute (SANERI), February 2007
  - China. Partner: Ministry of Science and Technology (MOST) and the China Coal Research Institute (CCRI), November 2007
  - Brazil. Partner: Ministry of Mines and Energy (MME), November 2007
  - Rural Energisation in the Major Emerging Economies. Partner: German Technical Cooperation (GTZ), Paris, May 2008.
  - Russia. Partner: Federal Agency on Science and Innovation (FASI), 30 September – 1 October 2008.

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International Partnership for Energy Efficiency Co-operation (IPEEC):

Declaration G8+3 (China, India, South Korea)

Ongoing discussion:
EU
JAPAN
US
RUSSIA
CHINA
INDIA
KOREA
BRAZIL
ETC

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Source: IEA *Oil Market Report*

The IEA continues to widen its international engagement

First priorities; China, India, Russia

Many others

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The End

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