

Global Bioenergy Partnership

***Working together to promote bioenergy
for sustainable development***

15th European Biomass Conference and Exhibition

10 May 2007

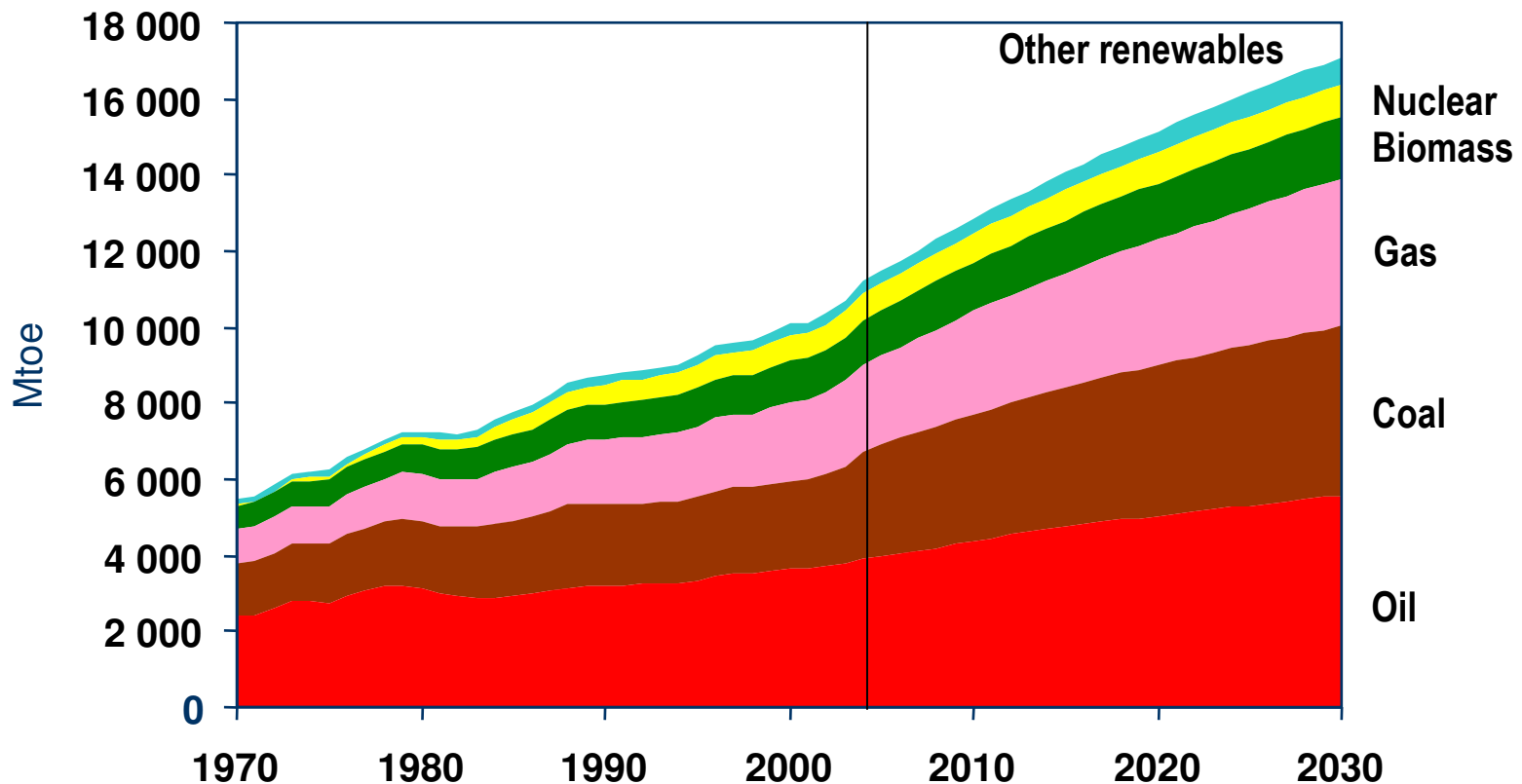
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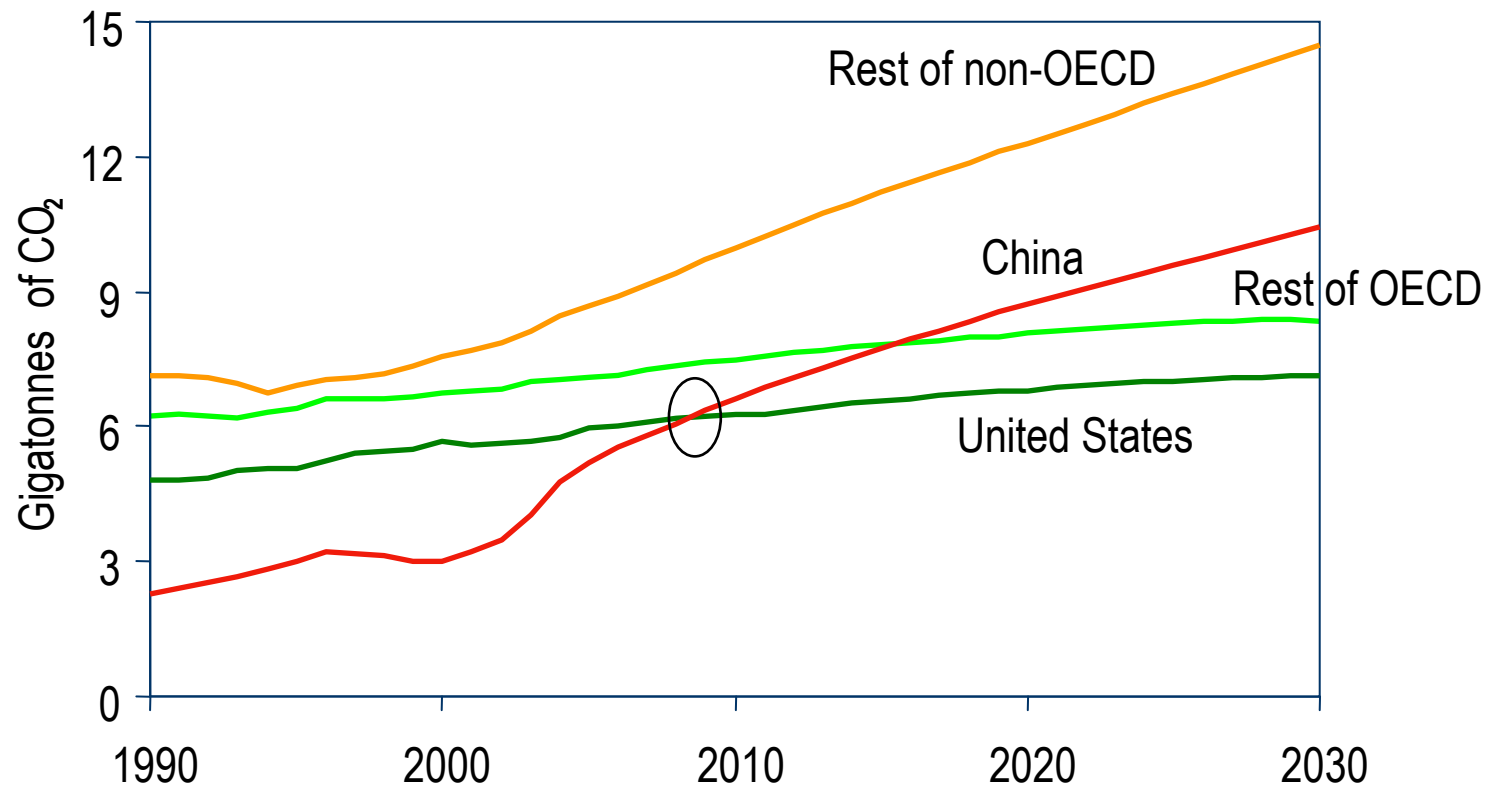


The Reference Scenario (IEA, WEO 2006): World Primary Energy Demand



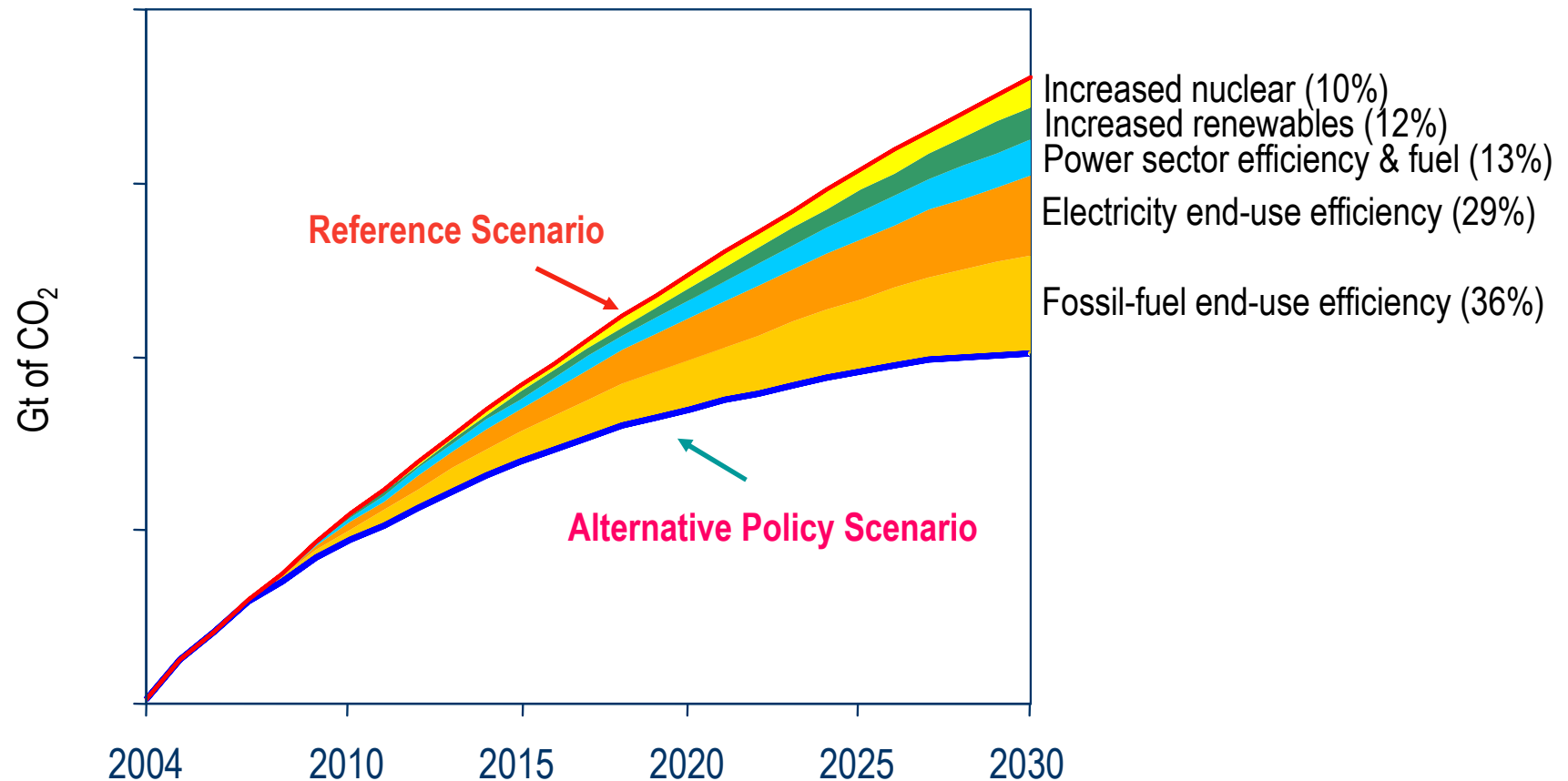
Global demand grows by more than half over the next quarter of a century, with coal use rising most in absolute terms

Reference Scenario: Energy-Related CO₂ emissions by Region



Global emissions increase of about 60% in the next 25 years, and non OECD countries overtake OECD countries before 2010 .

The Alternative Policy Scenario: Key Policies for CO₂ Reduction



Source: WEO 2006, IEA

New Political Commitments



State of the Union Address 2007

- Reduce gasoline usage by 20% over 10 yrs
- 25 billion gallons of renewable/alternative fuels in 2017 – displace 15% of gasoline use



Energy Policy 2007

- Binding target of 20% renewables in total energy mix
- Minimum biofuels target of 10%

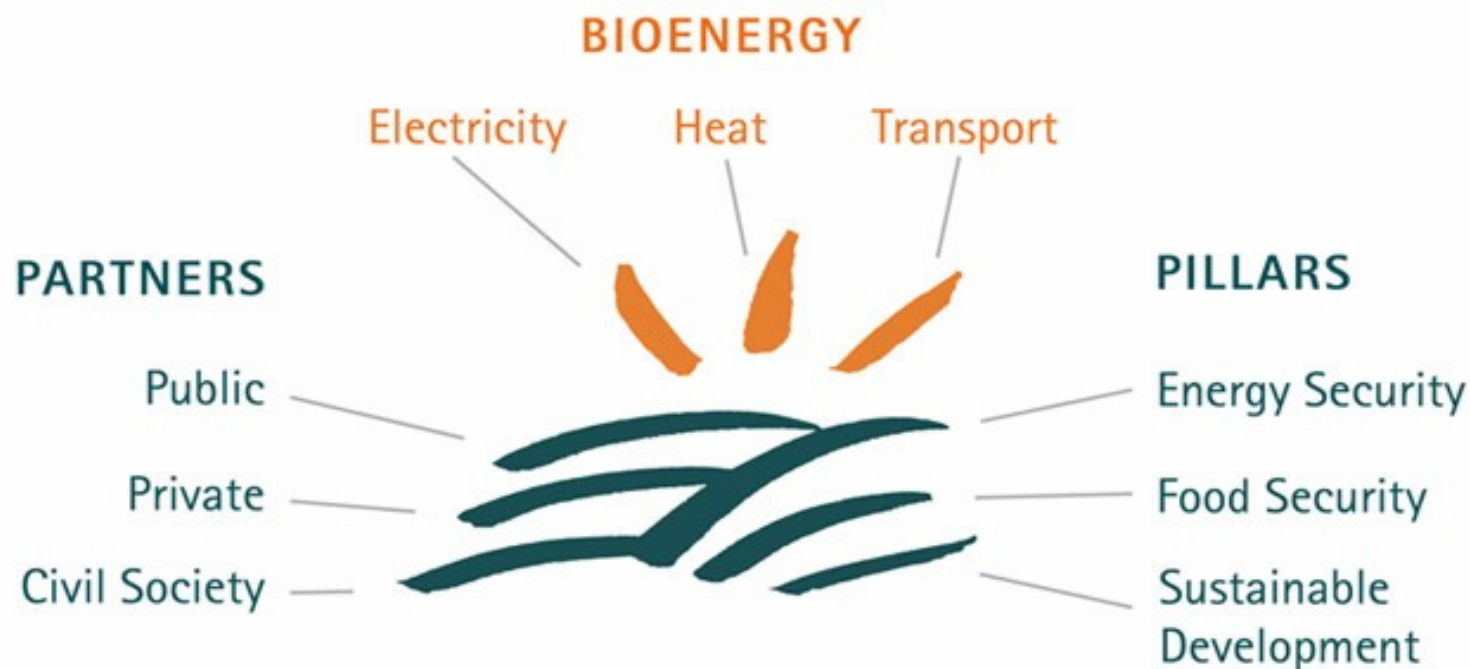
Worldwide – new blending targets

- Argentina, Colombia, Ecuador, Indonesia, Mexico, Peru, Philippines, Thailand

G8 Commitment in the Gleneagles Plan of Action (July 2005)

*“We (the G8) will promote the continued development and commercialisation of renewable energy by: [...] d) **launching a Global Bioenergy Partnership** to support wider, cost effective, biomass and biofuels deployment, particularly in developing countries where biomass use is prevalent, following the Rome International Workshop on Bioenergy”.*

GBEP – Scope, Partners, Pillars



GBEP Objectives

- Favour **efficient and sustainable** uses of biomass
- Facilitate bioenergy **integration into energy markets**
- Create a **global high-level policy dialogue** and **facilitate international collaboration**
- Foster the **exchange of information**
- Act as a **cross-cutting initiative**, working in synergy with other relevant activities and avoiding duplications

Bioenergy: Main Benefits

- **Sustainability:** clean and renewable energy source
- **Availability:** increased energy access - rural areas
- **Flexibility:** power, heat and transport
- **Energy security:** diversified energy mix, domestic sources
- **Mitigation of climate change**
- **Diversification of rural livelihoods**
- **Reduction in land degradation**

Bioenergy: Key Challenges

- Ensuring **sustainability**
- Safeguarding **food security**
- Protecting **biodiversity**
- Managing competition for **land and water**
- Controlling pollution of **air, water and soils**
- Removing barriers to bioenergy **trade**

GBEP Programme of Work

Key priorities:

- **Report on Bioenergy Policies, Data and Best Practices**
- Methodologies for measuring **GHG emission reductions** from the use of bioenergy
- **Raising awareness** and facilitating information exchange on bioenergy

GBEP Added Value

- Focus on **bioenergy** as a key renewable energy source
- Strong **political commitment** - promote bioenergy in line with climate change, energy security & food security considerations
- A **voluntary forum** to facilitate international dialogue
- Priority given to **developing countries**
- **Exchange of experience and technologies** – North-South, South-South, South-North
- Engagement of the **private sector**
- **Visibility** of bioenergy opportunities and challenges at international level & **Integration** into development initiatives.
- Improved **coordination** across sectors and stakeholders

For further information

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