

# Global Bioenergy Partnership

*Working together to promote bioenergy  
for sustainable development*

---

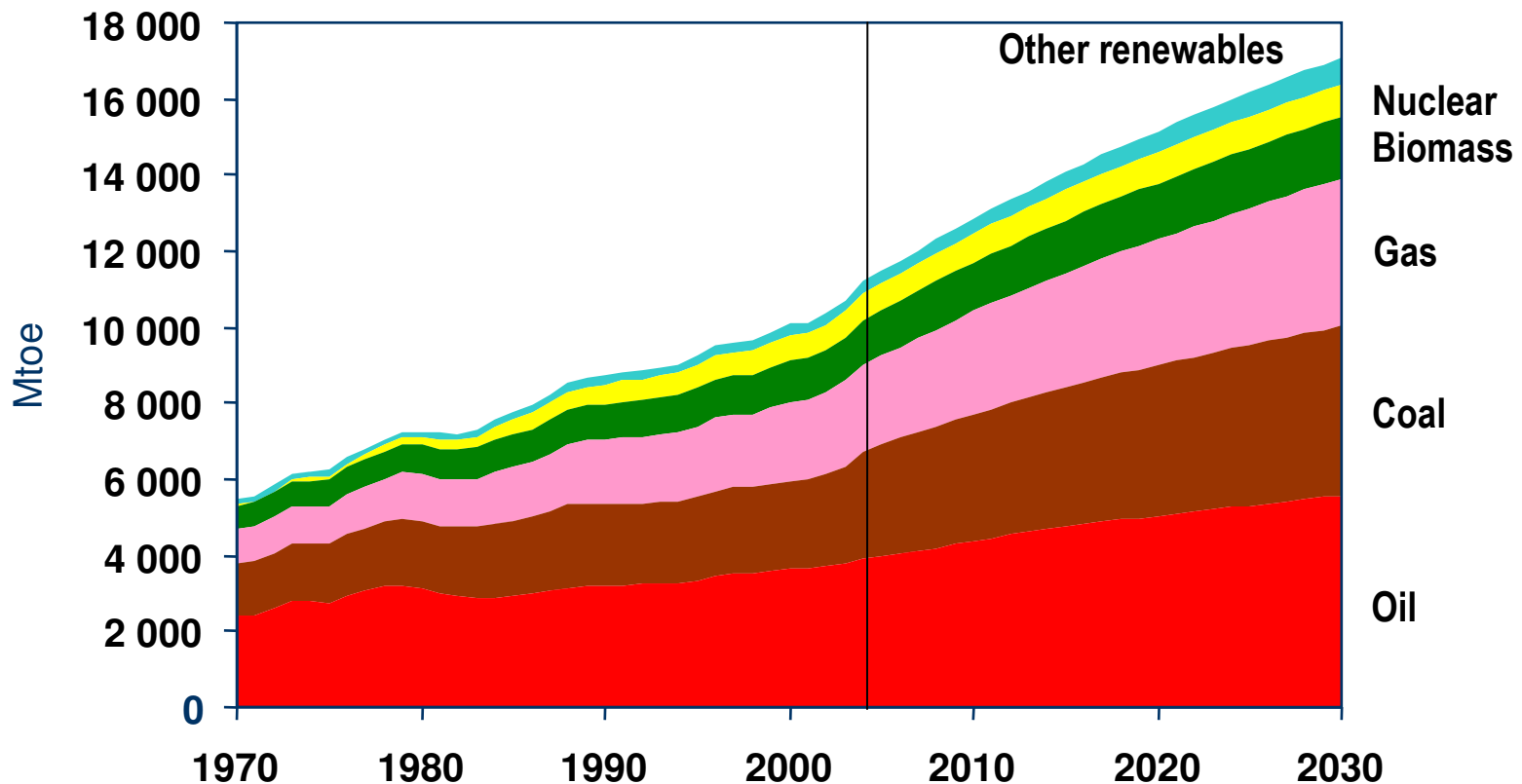
**Eastern Biofuels Conference & Expo III  
Prague, 29 - 31 May 2007**

Pierpaolo Garibaldi  
Senior Advisor,

Ministry of the Environment Land and Sea, Italy



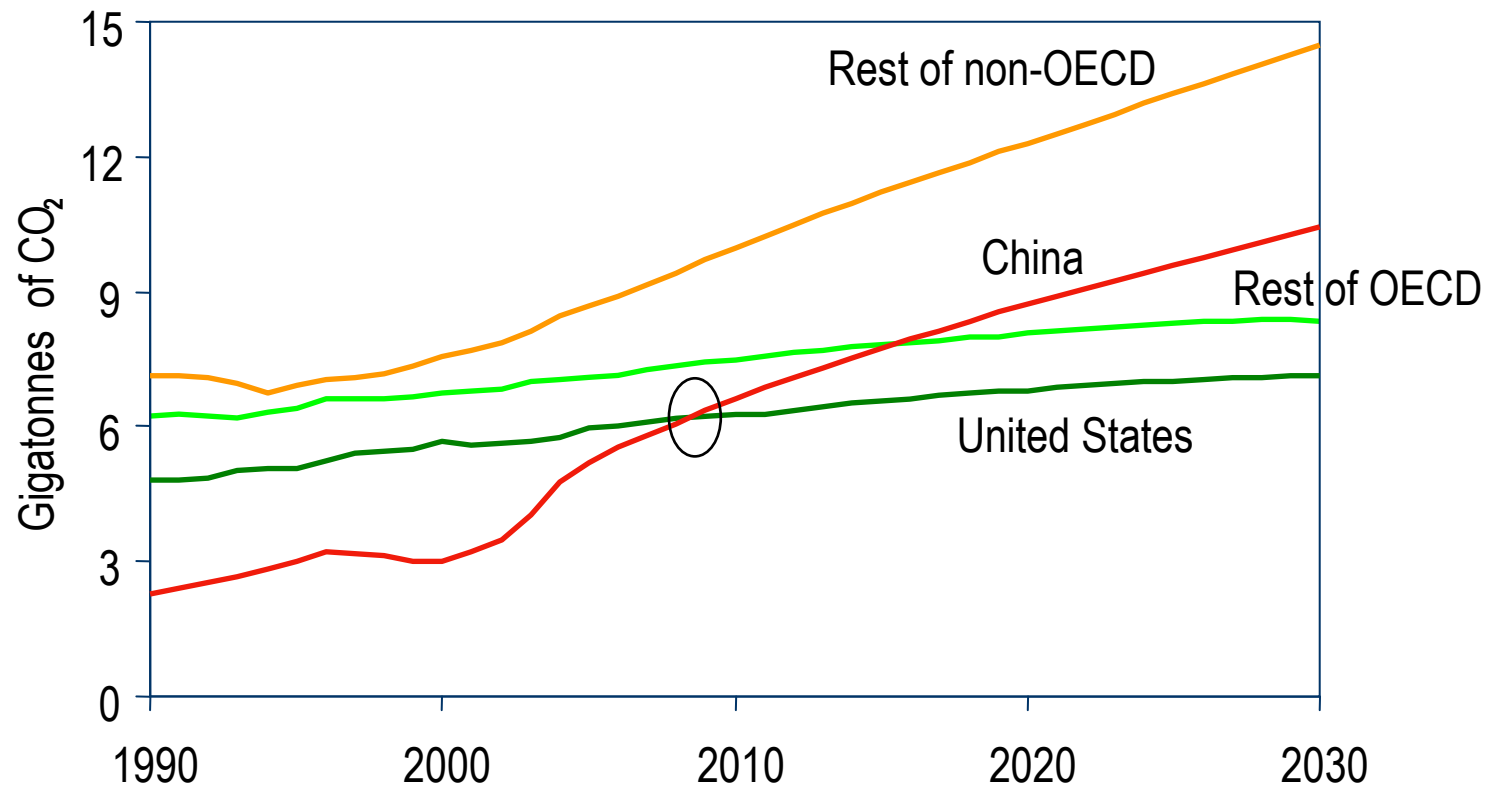
# The Reference Scenario: World Primary Energy Demand



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

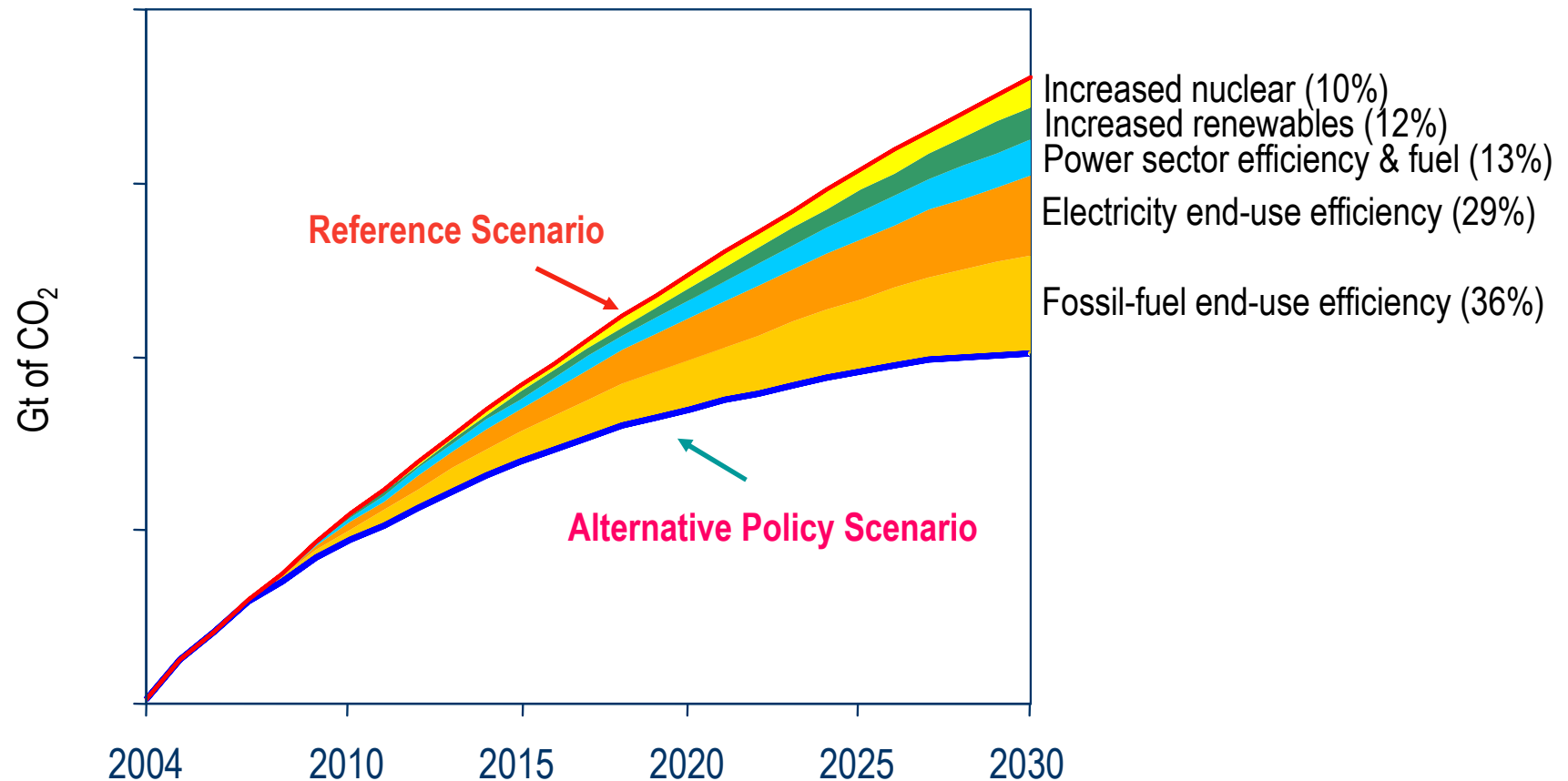
Source: IEA, WEO 2006

# Reference Scenario: Energy-Related CO<sub>2</sub> 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 CO<sub>2</sub> 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

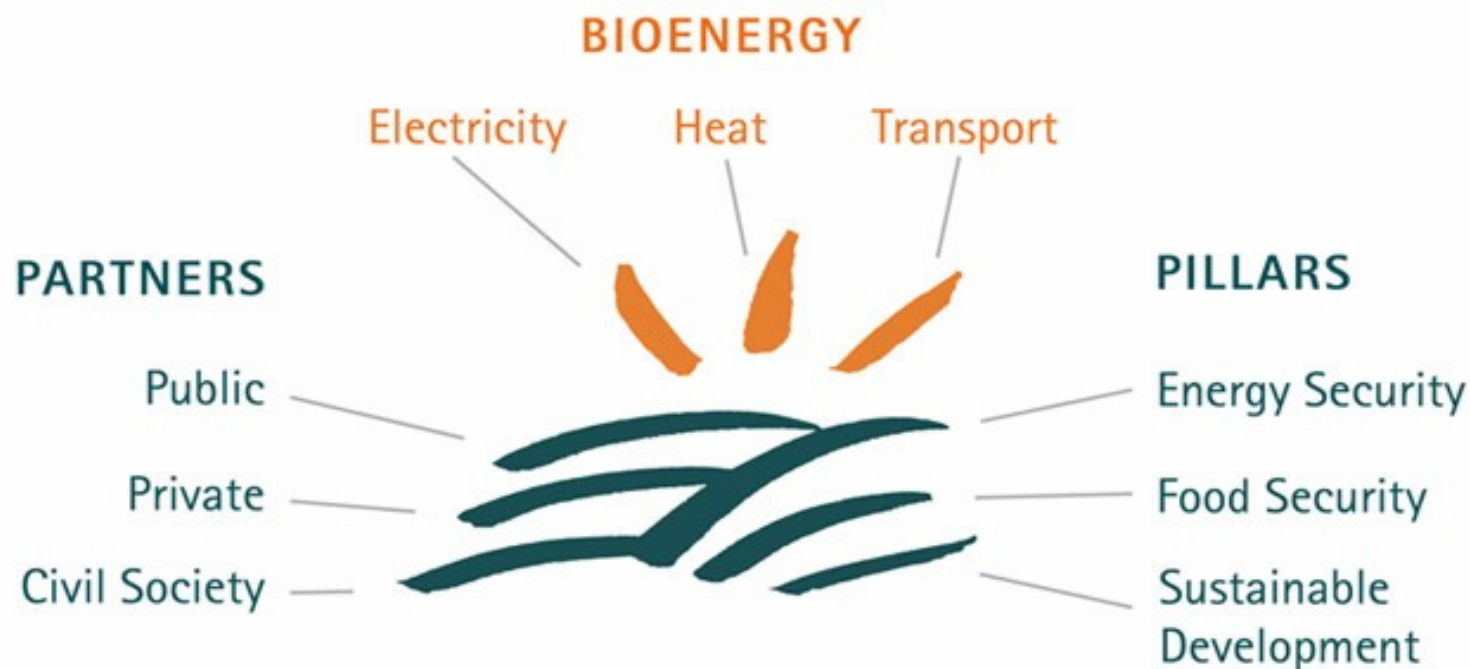
# G8 Commitment in the Gleneagles Plan of Action (July 2005)

---

*“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 biofuels
- **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

---

## **GBEP Secretariat**

Food and Agriculture Organization

Rome - ITALY

E-mail: [GBEP-Secretariat@fao.org](mailto:GBEP-Secretariat@fao.org)

[www.globalbioenergy.org](http://www.globalbioenergy.org)