

Global Bioenergy Partnership

Working together to promote bioenergy for sustainable development

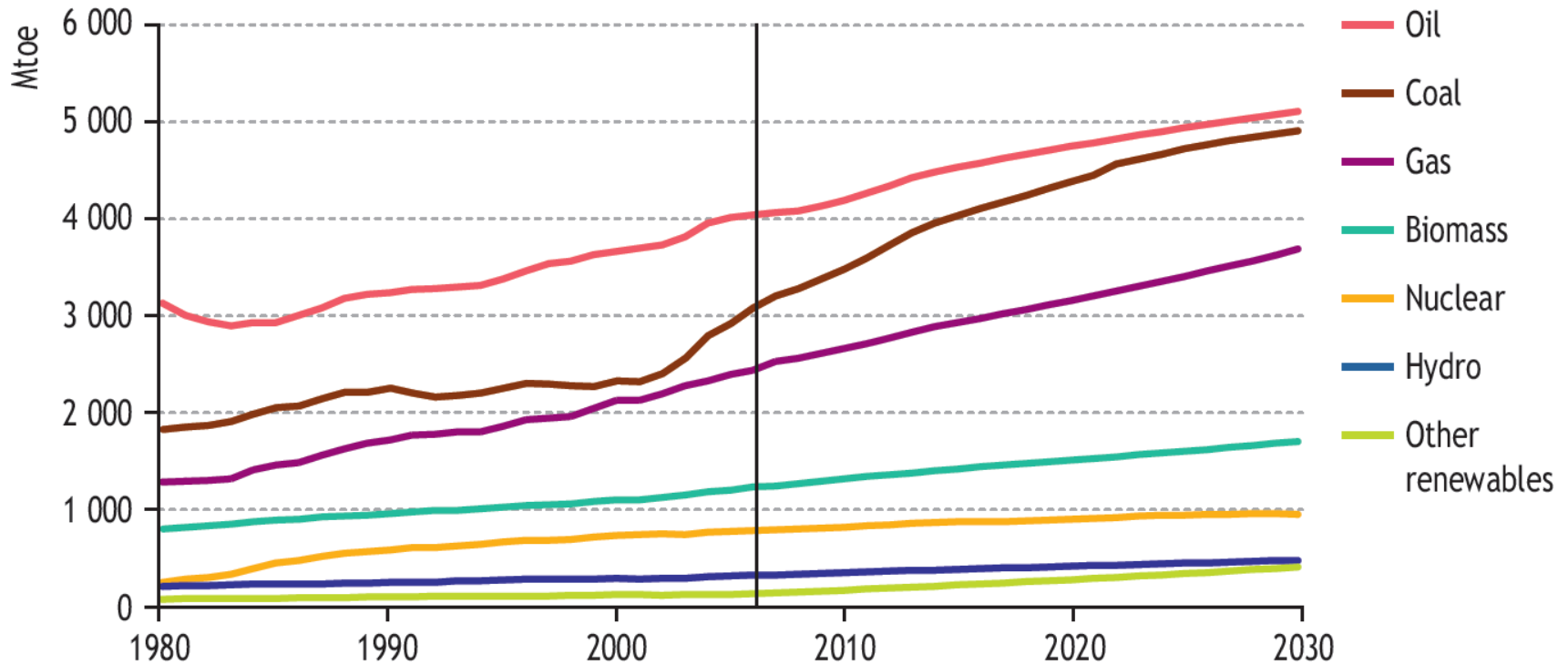
GBEP side event “Bioenergy towards a low carbon future: meeting the challenges of sustainable development and climate change mitigation”

Poznan, 11 December 2008

Gloria Visconti

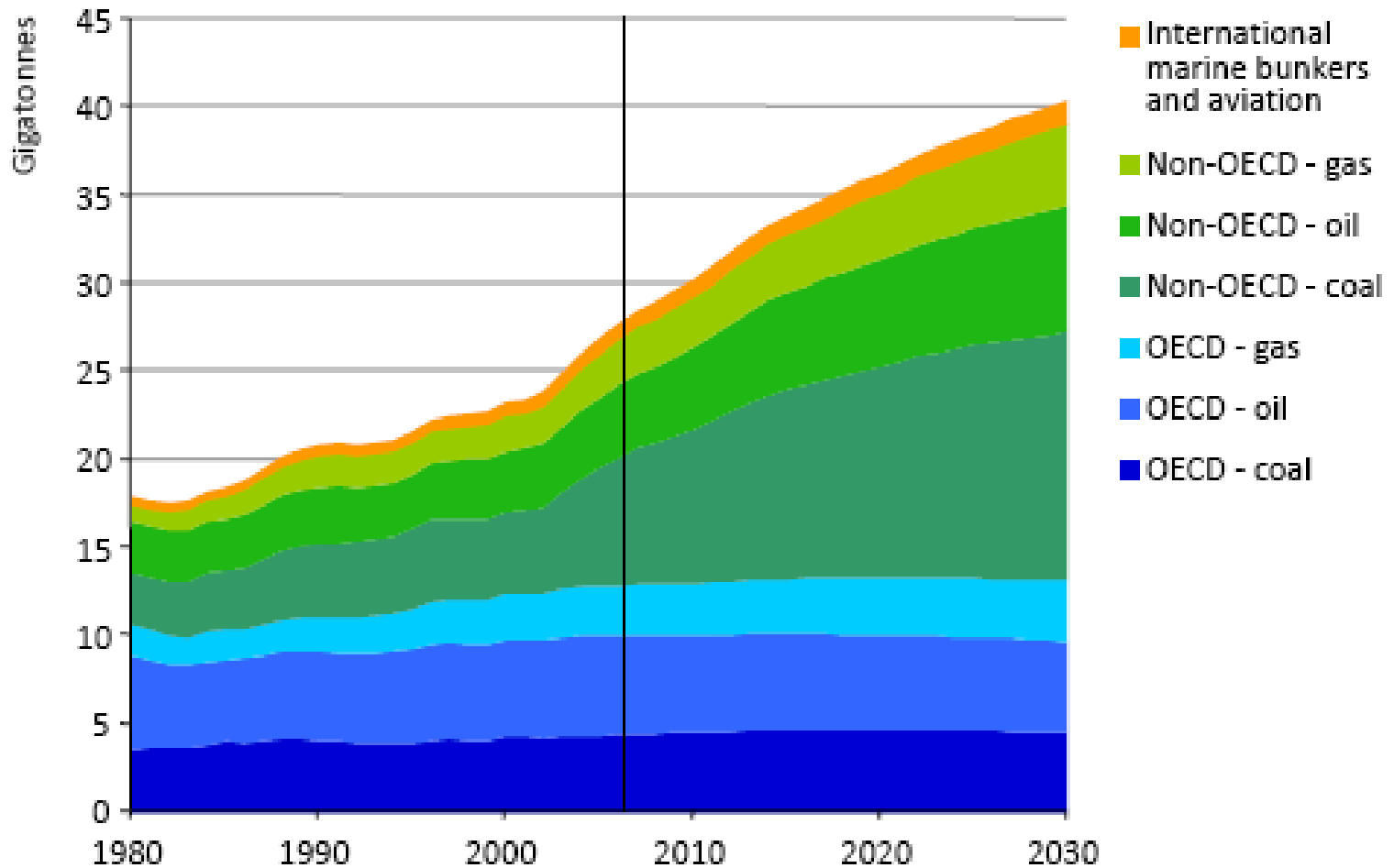
Ministry for the Environment Land and Sea of Italy

WORLD PRIMARY ENERGY DEMAND



Source: Reference Scenario IEA, WEO 2008

Energy related CO2 Emissions



Source: Reference Scenario IEA, WEO 2008

GBEP COMMITMENTS AND MANDATES

2005 Gleneagles Plan of Action

“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”

2007 Heiligendamm Summit Declaration

“We invite the Global Bioenergy Partnership (GBEP) to continue its work on biofuel best practices and take forward the successful and sustainable development of bioenergy”

2008 Hokkaido Toyako Summit

“We support the work of the Global Bioenergy Partnership (GBEP) and invite it to work with other relevant stakeholders to develop science-based benchmarks and indicators for biofuels production and use”

GBEP MEMBERSHIP AND CHAIRMANSHIP

- **Current Partners** are: Brazil, Canada, China, France, Germany, Japan, Italy, Mexico, Netherlands, UK, Russian Federation, USA, Sudan, Tanzania, FAO, UNCTAD, UNDESA, UNDP, UNEP, UNIDO, IEA, UN Foundation, WCRE and EUBIA.
- Austria, Colombia, India, Indonesia, Israel, Kenya, Morocco, Mozambique, South Africa, Sweden, Switzerland, Tunisia, European Commission, European Environment Agency (EEA), International Fund for Agricultural Development (IFAD), World Business Council on Sustainable Development (WBCSD) and World Bank are participating as **Observers**.
- Italy and Brazil are currently Chair and Co-Chair of the Partnership with the support of the Secretariat, which is hosted at FAO of the United Nations.

GBEP PROGRAMME OF WORK

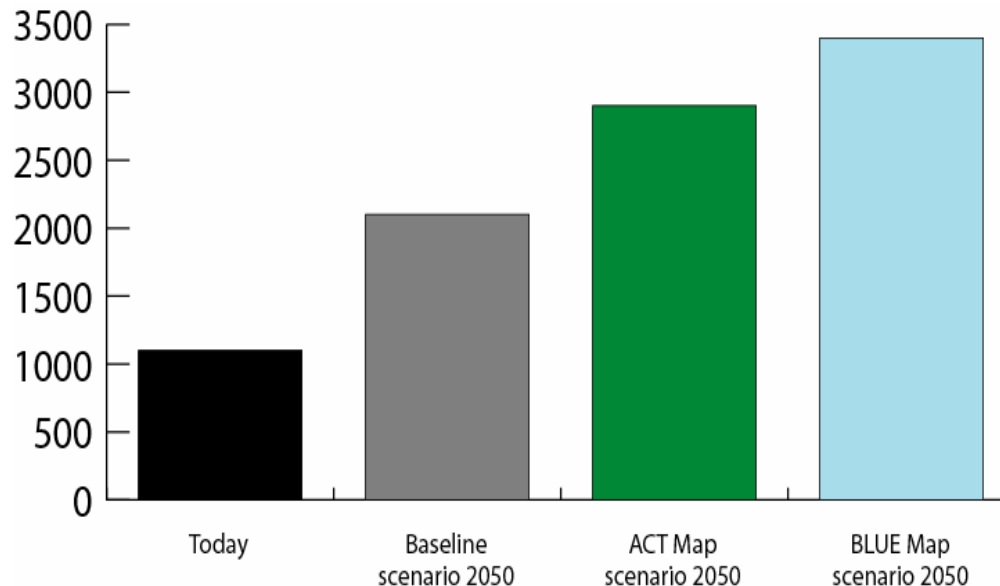
- **Facilitate the sustainable development of bioenergy**
– **GBEP Task Force on Sustainability (lead by UK)**
- **Formulate a harmonized methodological framework for GHG emission reduction measurement from the use of biofuels for transportation and from the use of solid biomass** – **GBEP Task Force on GHG Methodologies (lead by US)**
- **Raise awareness and facilitate information exchange on bioenergy**

TOWARDS A BIOFUEL COMMODITY

According to 2006 IEA Alternative Scenario, biofuels are expected to account for **7% of the road-fuel consumption in 2030** up from 1% today. In the Reference Scenario, the share reaches 4%.

According to 2008 IEA BLUE Map Scenario, biofuels are expected to account for **26% of the total transport fuel demand in 2050** in that scenario, requiring up to 4% of the current global pasture and arable land.

Mtoe/year **Global biomass use in 2050 compared with today**



Source: IEA ETP 2008