

Global Bioenergy Partnership

*Working together to promote bioenergy for
sustainable development*

World Biofuels Markets

6 March 2007

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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 – The background

- ➔ **Launched in New York, 11 May 2006**, during the Ministerial Segment of the CSD
- ➔ **White Paper and Terms of Reference**
- ➔ **Current Partners:** G8 countries, China, Mexico, FAO, IEA, UNEP, UNDP, UNDESA, UNCTAD, UNIDO, UN Foundation, WCRE and EUBIA.
- ➔ **Italy - Chair**
Mexico – Co-Chair } For the first biennium
- ➔ **Secretariat hosted at FAO** in Rome with the support of the Italian Government.

GBEP Pillars

Food Security

Energy Security

**Sustainable
Bioenergy**

Environmental Sustainability

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, skills, technologies**
- Act as a **cross-cutting initiative**, working in synergy with other relevant activities and avoiding duplications

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

Bioenergy: Main Benefits

- **Sustainability:** clean and renewable energy source
- **Availability:** increased access to energy in 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

- Safeguarding **food security**
- Protecting **biodiversity**
- Managing competition for **land and water**
- Controlling pollution of **air, water and soils**

Programme of Work

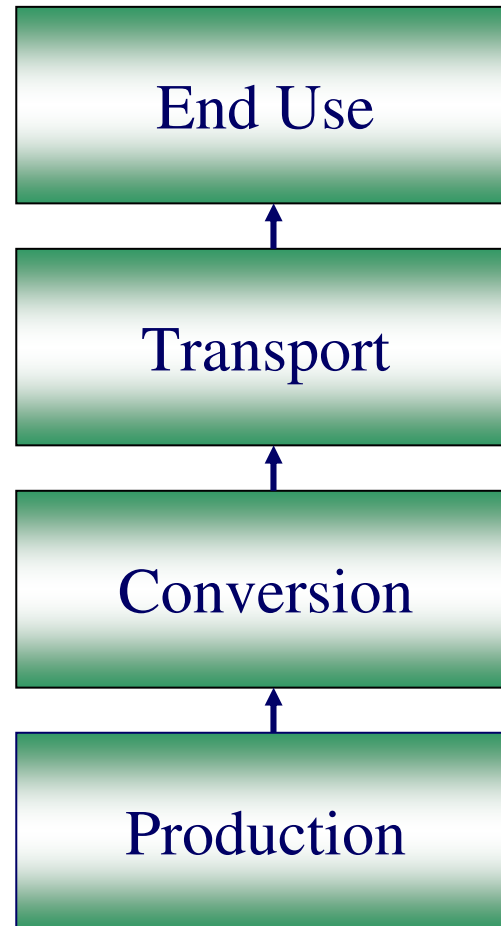
Key priorities - programme of work:

- **Raising awareness** and facilitating information exchange on bioenergy
- **Thematic focus – Sustainability and Trade**
- Methodologies for measuring **GHG emission reductions** from the use of bioenergy

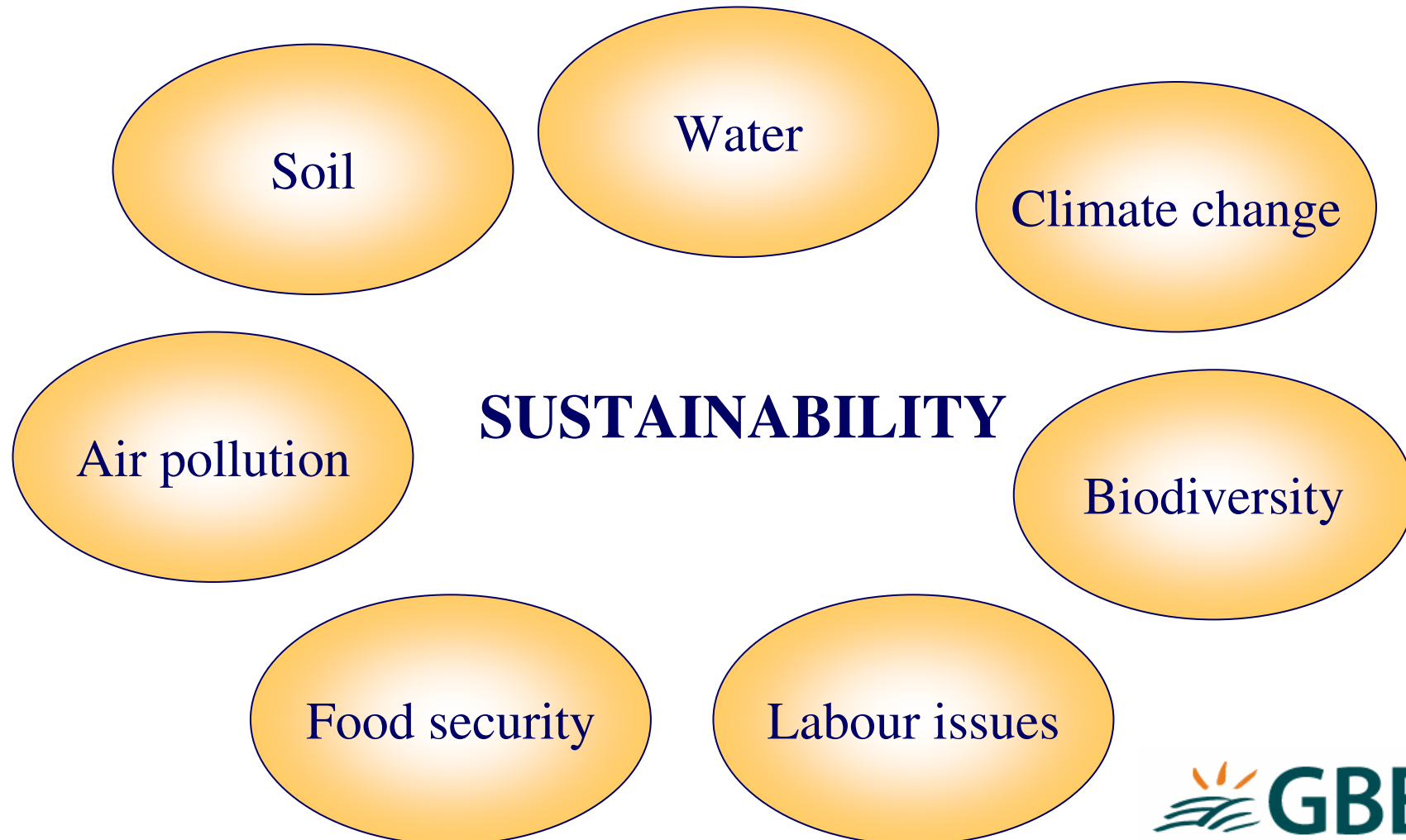
Bioenergy and Sustainability

Life-cycle assessment

- economic
- environmental
- social



Aspects of Sustainability



First step – Information Collection

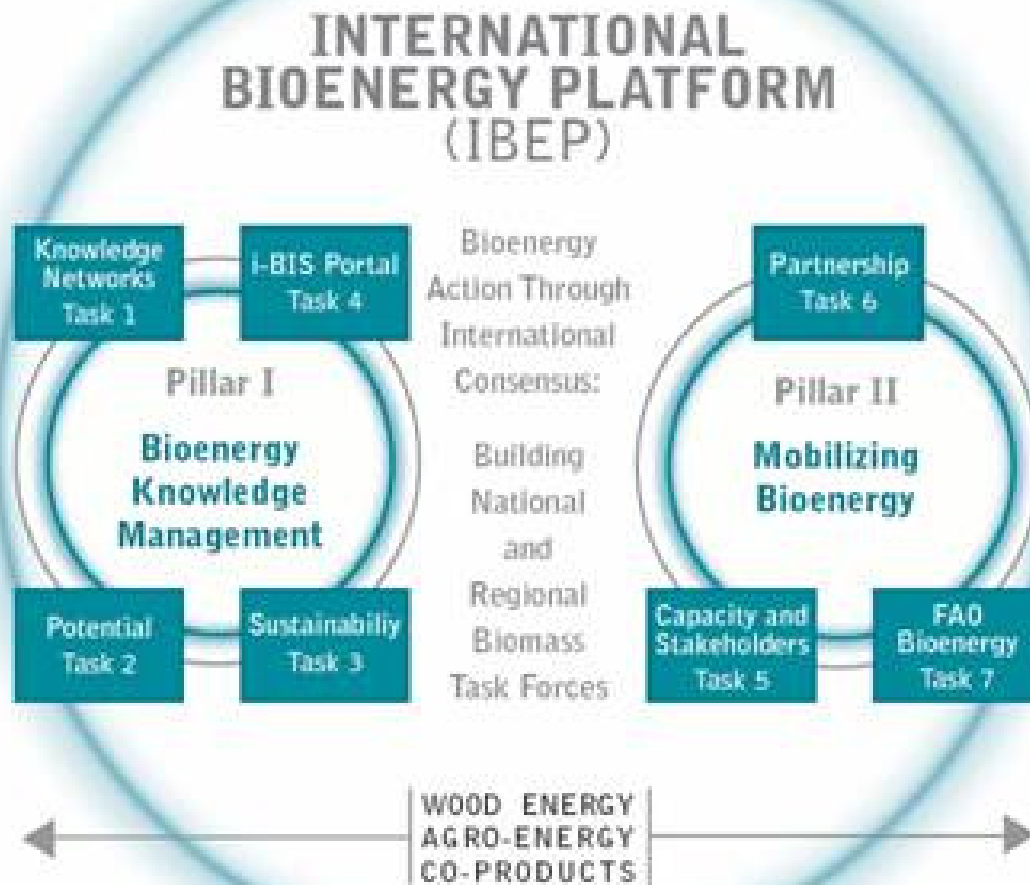
Objective

- assemble/compile existing documentation/data
- learn from country efforts in guiding sustainability and trade of bioenergy

Information to collect

- policies, strategies, legislation from various sectors guiding and influencing bioenergy development
- data – fuels and feedstocks
- best practices identified by Partners

International Bioenergy Platform (IBEP)



For further information

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coming soon:

www.globalbioenergy.org