

# IEA Bioenergy cooperation with GBEP: Status and Perspectives

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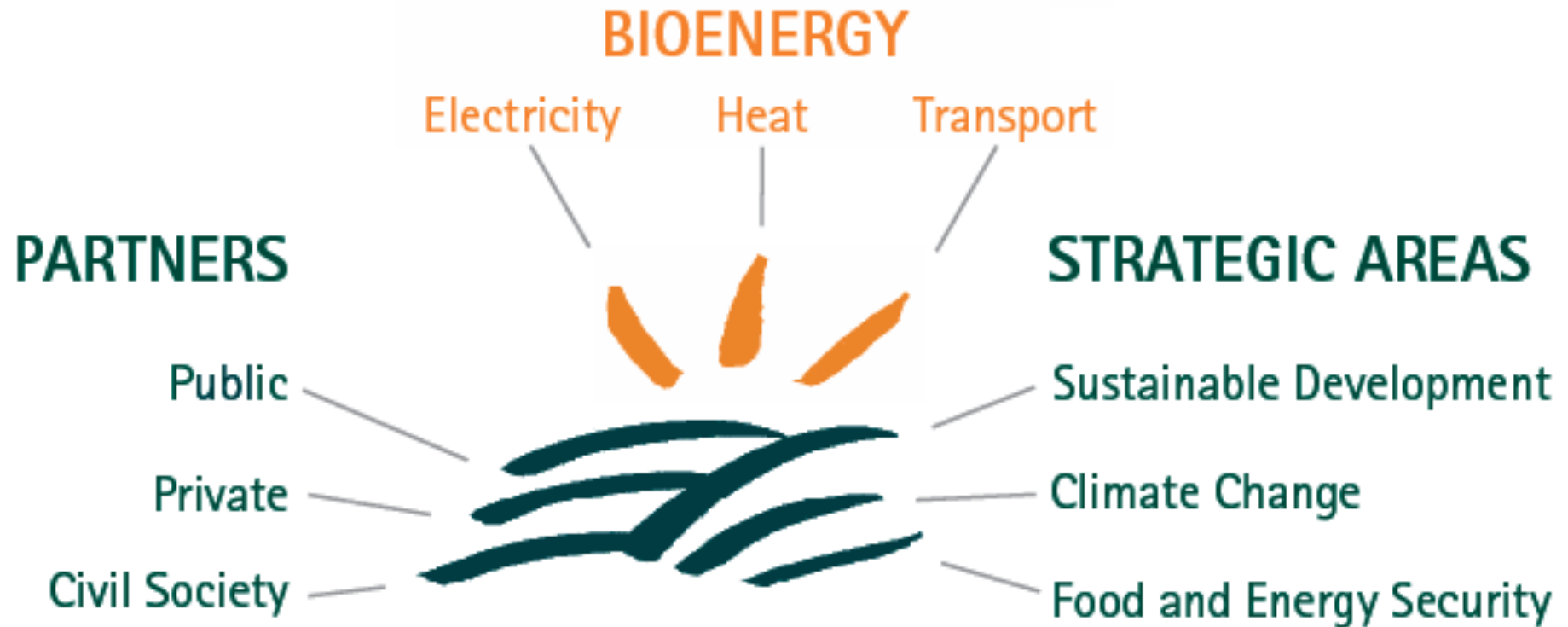
**German ExCo Member for IEA Bioenergy**

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# THE GLOBAL BIOENERGY PARTNERSHIP



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## 36 Partners (23 governments – 13 organizations):

G8 Governments (CA, DE, FR, IT, JP, RU, UK, US) plus AR, BR, CH, CN, CO, ES, FJ, GH, MR, MX, NL, PY, SD, SE, TZ and ECOWAS, EU, FAO, IDB, IEA, UNCTAD, UNDESA, UNDP, UNEP, UNIDO, UNF, WCRE and EUBIA.

## 32 Observers (22 governments – 11 organizations):

AO, AT, AU, CL, EG, GM, IN, ID, KY, LA, MA, MG, MY, MZ, NO, PE, RW, SV, TH, TN, ZA, AfDB, ADB, ECLAC, EEA, GEF, IFAD, IRENA, OAS, UEMOA, World Bank, and WBCSD.

Italy and Brazil are currently Chair and co-Chair of the Partnership.

The Secretariat is hosted at the FAO in Rome.

# GBEP' s Objectives



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- Promote global **high-level policy dialogue** on bioenergy and facilitate international cooperation;
- Support national and regional bioenergy policy-making and market development;
- Favour the transformation of biomass use **towards more efficient and sustainable practices**; and
- Foster exchange of information, skills and technologies through **bilateral and multilateral collaboration**.

GBEP is a forum where voluntary cooperation **works towards consensus** amongst its partners in the areas of the sustainable development of bioenergy and its contribution to climate change mitigation.

It also provides a **platform for sharing information**.



**1. Facilitating the sustainable development of bioenergy**  
(Task Force on Sustainability) → **IEA contributed** to environmental and economic indicators, co-leading the Economic Subgroup (with UNF); IEA Bioenergy Tasks provided input

**2. Facilitating Capacity Building for Sustainable Bioenergy**  
(newly established Working Group on Capacity Building for Sustainable Bioenergy)

**3. Raising awareness and facilitating information exchange on bioenergy.**

→ **For 2. + 3., IEA Bioenergy tasks plan inputs and collaboration in the next triennium**

# 24 Sustainability Indicators

agreed by 23 countries & 13 international organizations

involving a total of 45 countries and 23 int. organizations



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Environmental	Social	Economic
1. Life-cycle GHG emissions	9. Allocation and tenure of land for new bioenergy production	17. Productivity
2. Soil quality	10. Price and supply of a national food basket	18. Net energy balance
3. Harvest levels of wood resources	11. Change in income	19. Gross value added
4. Emissions of non-GHG air pollutants, including air toxics	12. Jobs in the bioenergy sector	20. Change in consumption of fossil fuels and traditional use of biomass
5. Water use and efficiency	13. Change in unpaid time spent by women and children collecting biomass	21. Training and re-qualification of the workforce
6. Water quality	14. Bioenergy used to expand access to modern energy services	22. Energy diversity
7. Biological diversity in the landscape	15. Change in mortality and burden of disease attributable to indoor smoke	23. Infrastructure and logistics for distribution of bioenergy
8. Land use and land-use change related to bioenergy feedstock production	16. Incidence of occupational injury, illness and fatalities	24. Capacity and flexibility of use of bioenergy

# GBEP Working Group on Capacity Building for Sustainable Bioenergy



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**WGCB** established by the Steering Committee (20 May 2011)

- ▶ Co-chaired by NL and US, 1<sup>st</sup> meeting Nov. 2011 in Tokyo, 2<sup>nd</sup> meeting June 19, 2012 in Rio, 3<sup>rd</sup> meeting Nov. 2012 in Rome

## Scope of WGCB

- ▶ Develop capacity building activities for sustainable bioenergy, through collaborative work among GBEP Partners and Observers, plus repository of information and insights gained from experiences and outcomes from activities and projects.
- ▶ Activities will **build upon**, but not limited to, work of GBEP Sustainability Task Force, and are country driven.

**IEA Bioenergy Role:** Joint workshops, input on indicators, collaboration on indicator review, work in new AG (next slide)

# IEA Bioenergy & GBEP: Solid Bioenergy



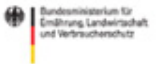
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- ▶ Contribution to CA-EU workshop & field trip (**IEA Bioenergy, GBEP**) Oct. 3-5, 2012 in Quebec, Canada
- ▶ Planned GBEP **activity group (AG)** on “sustainable solid bioenergy for electricity” (follow-up to SB4E conference May 2012) → decision in November by GBEP
- ▶ Further joint work on **GHG balances** of solid bioenergy (“carbon debt”) together with IEA Bioenergy Tasks 38, 40 and 43





# More Information & Contact



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For more information on GBEP see

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# Thank you!



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