

Global Assessment of Biomass and Bioproduct Impacts on Socio-economics and Sustainability





Rainer Janssen, Dominik Rutz

WIP - Renewable Energies

European Union - Canada Workshop

Pisa, Italy, 16-17 June 2009

WIP

www.wip-munich.de



Global-Bio-Pact

Supported in the 7th Framework Programme of the European Commission



• Coordinator: WIP Renewable Energies

· Duration: 3 years

Expected start: December 2009









WIP

www.wip-munich.de

EU-Canada Workshop, Pisa, 2009



Global-Bio-Pact Idea

Development and harmonisation of sustainability schemes for biofuels and bioproducts to prevent negative socio-economic impacts

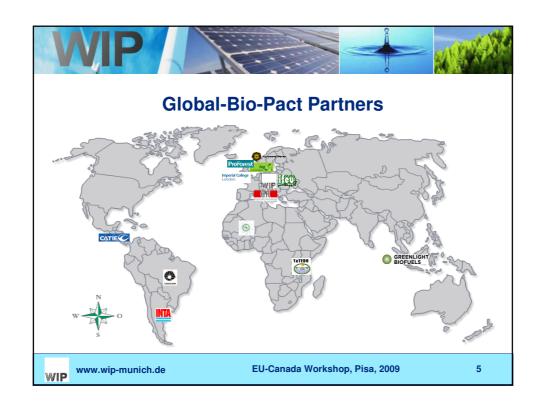


WIP

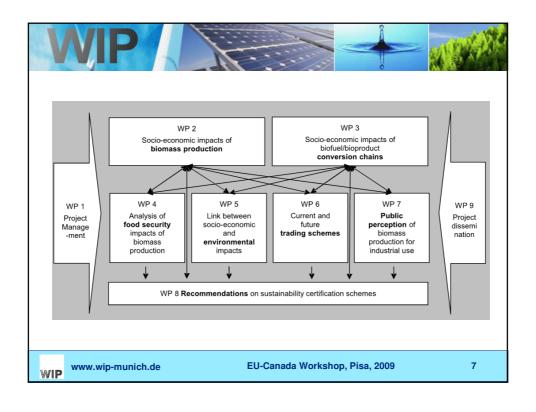
www.wip-munich.de

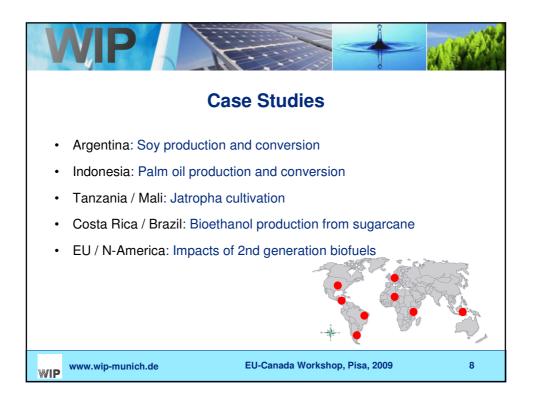
EU-Canada Workshop, Pisa, 2009

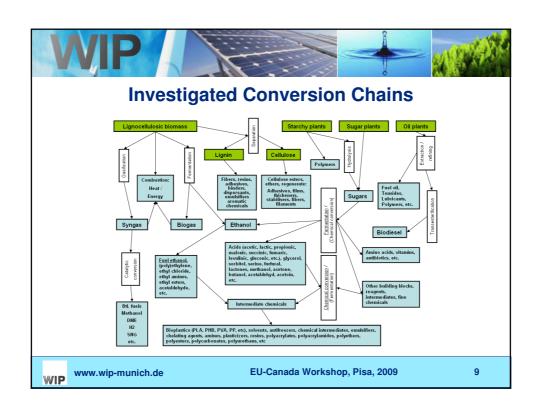
















Link socio-economic and environmental impacts

- Identification of conflicts and synergies between socioeconomic and environmental impacts
- Example: Land use competition between biodiversity, food production and feedstock production
- Assessment tools for different land types, idle land, grassy biomass



WIP

www.wip-munich.de

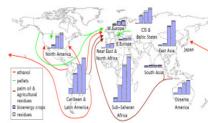
EU-Canada Workshop, Pisa, 2009

11



Current and future trading schemes

- Assessment of current trading regimes for biomass/ biofuels/ bioproducts
- Impacts of biofuels/bioproducts trade and certification on developing countries and Europe
- Impacts of new legislation (RES-Directive) on trade

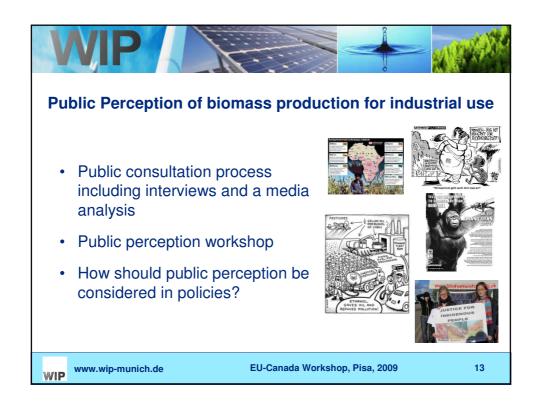


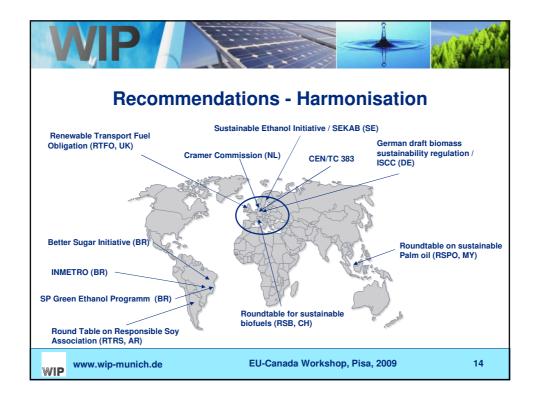
Source: Smeets at al. 2004; IEA Task

WIP

www.wip-munich.de

EU-Canada Workshop, Pisa, 2009







Recommendations - Harmonisation

- Assessment of existing socio-economic principles, criteria, and indicators
- Elaboration of a set of socio-economic criteria and indicators
- · Test audits
- · Recommendations for EU legislation
- · Recommendations on harmonisation

WIP

www.wip-munich.de

EU-Canada Workshop, Pisa, 2009

15





Rainer Janssen, Dominik Rutz WIP – Renewable Energies

> www.wip-munich.de www.globalbiopact.eu

Contact



rainer.janssen@wip-munich.de dominik.rutz@wip-munich.de

W/ID

www.wip-munich.de

EU-Canada Workshop, Pisa, 2009