

Improve understanding of biomass and bioenergy markets

- ✓ Description of developments in Task 40 countries: biomass potentials and utilization, markets and trade

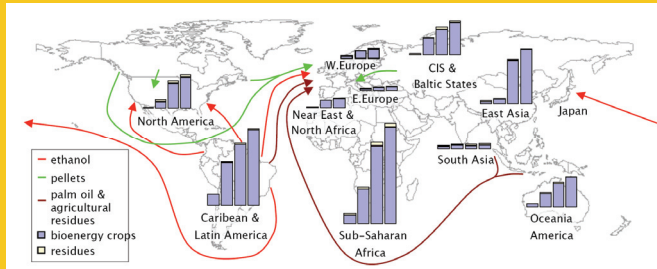


Fig.1. Biomass potentials per region depending a.o. on agricultural productivity and examples of current trade routes.

Source: Task 40 information leaflet

- ✓ Support development of better statistics on international biomass trade
- ✓ Learning lessons from comparable other markets
- ✓ Understanding factors that influence supply and demand for biomass

Sustainability and certification of biomass production and trade

- ✓ What are the social, economic and ecological impacts of biomass production and trade?
- ✓ What are the areas demanding for criteria?
- Development of frameworks, certification procedures and criteria with relevance

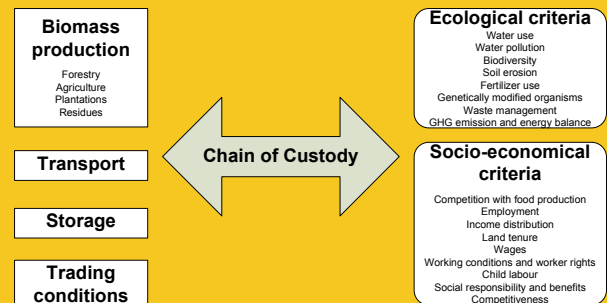


Fig. 2. Existing activity areas demanding for criteria and indicator development in sustainable biomass trade

- ✓ Development of best practice guidelines
- ✓ Discussion of the impacts of sustainability criteria and certification on international biomass trade

HIGHLIGHTS

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IEA Bioenergy

Task 40

Sustainable International Bioenergy Trade: securing an international supply and demand

Current situation in Austria

- ✓ Biomass potentials and resources
- ✓ Use of biomass for energy purposes
- ✓ Policy issues
- ✓ Biomass trade: imports and exports of biomass for energy purposes → lack of data on the trade of different fractions of biomass

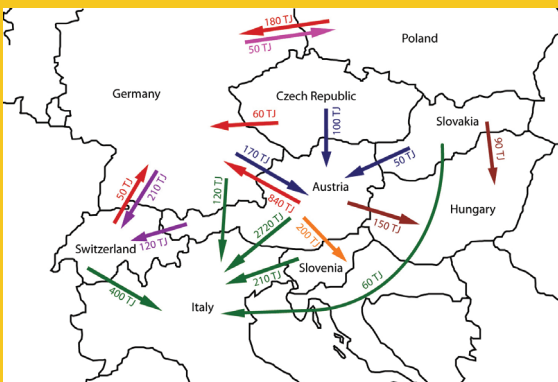


Fig. 3. Cross-border trade with pellets in Central Europe, 2005; Source: Eurostat, MPO, CZSO, EEG

- ✓ Opportunities, barriers and impacts of bioenergy trade
- **Country Report for Austria**

Modelling of biomass trade

- ✓ Evaluation of different approaches for modelling biomass trade
- e.g. GIS approach: regional relations of supply and demand of biomass, transport routes and transport costs
- ✓ Development of scenarios of biomass trade
- ✓ Impact analysis of bioenergy trade on:
 - ✓ Austrian (bio-)energy system
 - ✓ Security of (bio-)energy supply
 - ✓ Structure of supply and demand of biomass for bioenergy in Austria

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