



Better-is

Strategies to use Biofuel Value Chain Potential in Sub-Saharan Africa to respond to Global Change - Enhancing low-productivity Farming in Tanzania and linking to SMEs



Leibniz Centre for Agricultural Landscape Research e.V.



Environmental Economics and World Trade



The International Food Policy Research Institute



World Agroforestry Centre



Association for Strengthening Agricultural Research in Africa



Sokoine University of Agriculture (SUA)



Wuppertal Institute for Climate, Environment and Energy

Müncheberg, 20. August 2010

Wuppertal Institute for Climate, Environment and Energy

Research Group Sustainable Production and Consumption

Project Team Better-iS:

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Julia Pfaff (PhD student on energy generation from agricultural residues in Tanzania)



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WI Research goals and project contributions

1. Scientific summary report on

- Current biomass production and consumption patterns (incl. imports/exports) on national and regional scale including biofuels developments
- Trends of biomass and energy consumption and key challenges, including competing uses and cascading options

2. Summarize results in **educational report for Information System**

3. Contributions to **sustainable balanced key indicator set and **information system****

Current state of the project

1. Compiling scientific summary report based on literature research; results obtained for:
 - **Forest resources and woody biomass:** Production/ consumption patterns and trends on the national scale, focus on fuelwood & charcoal
 - **Biofuels/ Bioenergy from agricultural biomass:** Current developments, strengths & weaknesses of: jatropha & palm oil, sugar cane, animal dung, crop residues
2. Review of primary data from Tanzania: Acquisition and compilation of data in progress (in cooperation with local partner (CGIAR))

Next steps

- For **scientific summary report**:
 1. Include **new data** delivered by local partner (CGIAR) and from recent scientific studies
 2. Analyse biomass consumption patterns on **regional scale** (e.g. urban/ rural case study regions: high-/ low-energy-consumption areas)
 3. Identify **trends and key challenges** in biomass and land use and the development of biofuels on national/ regional scale
 4. Identify **competing biomass uses, cascading options** and **efficiency potential**
- Research stay in Tanzania for Workshop
- Integration of results into educational report, indicator set and information system



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Thank for your attention!



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