

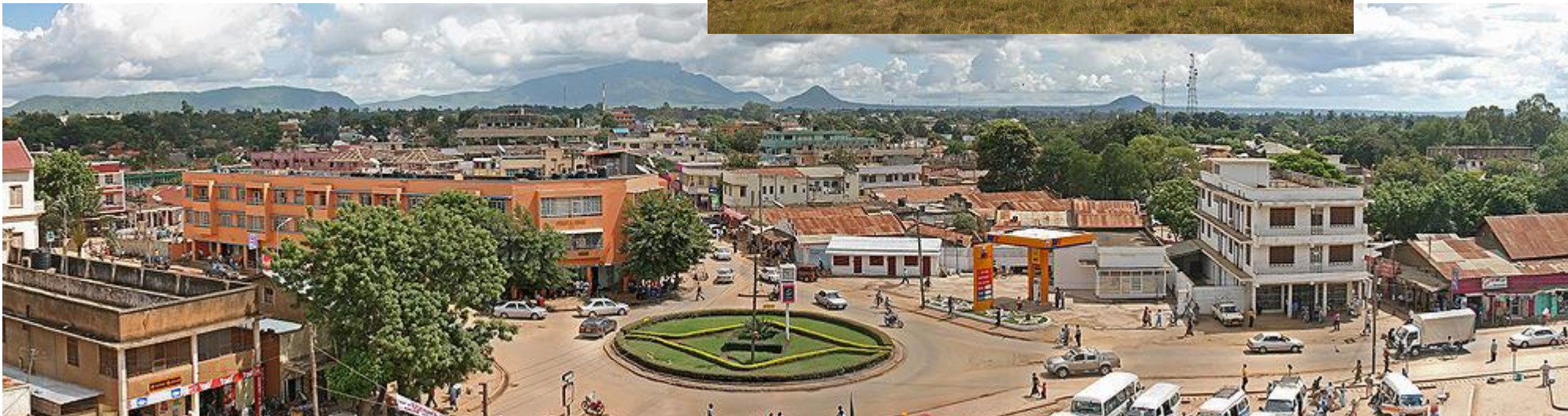
Building capacity for LCA in Tanzania: Lessons learnt from the DANIDA funded program Building Stronger Universities in Developing Countries

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Building Stronger Universities

Sokoine University of Agriculture



Building Stronger Universities Sustainability

- **Why include Sustainability in BSU?**
- Sustainability is a global challenge
- Sustainability relates to many other both environmental and social impact assessment forms and can hence serve a mediator for other science branches
- There is a demand for sustainability data in relation to e.g. export
- There is a general interest in sustainability from both faculty staff and students
- Goes very well hand-in-hand with more social scientific assessment forms, such as value chain analyses



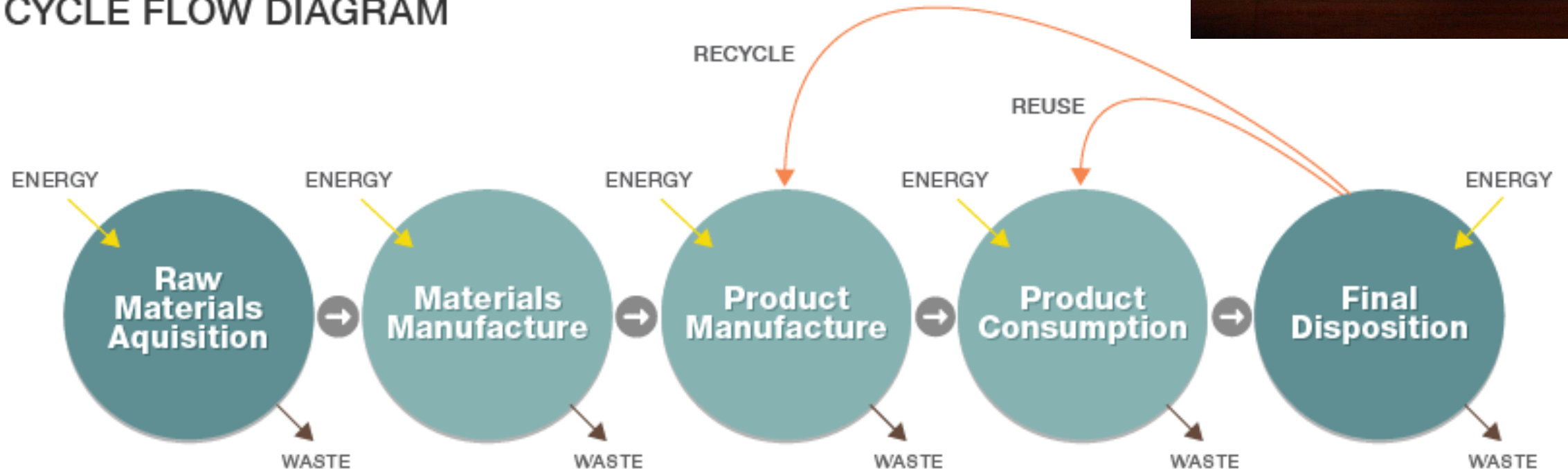
Building Stronger Universities Sustainability – UN perspective



Building Stronger Universities Sustainability



LIFE CYCLE FLOW DIAGRAM



Building Stronger Universities Sustainability

Steps of an LCA

How to assess the environmental impact?



Building Stronger Universities

Lessons learned

- Sustainability is a universal topic and perhaps a well chosen topic for advanced teaching in emerging economies – topic might be key!
- Very dedicated, competent and interested students
- Openness to new topics (such as sustainability)
- Interest in scientific application of new knowledge
- Very complicated and rigid administrative systems



Building Stronger Universities Lessons learned



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SCHOOL OF AGRICULTURAL ECONOMICS
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ADVERTISEMENT ON PhD METHODOLOGICAL COURSE ON ENVIRONMENTAL LIFE CYCLE ASSESSMENT (eLCA)

Background

Sokoine University of Agriculture (SUA) being the only agricultural university in the country, has been trying to respond to the needs of the agribusiness community, which calls for a wider range of skills, action research and agribusiness support services. The School of Agricultural Economics and Business Studies (SAEBS) former Department of Agricultural Economics and Agribusiness (DAEA) of (SUA) is one of the major centers for agricultural economics training in Tanzania, Eastern and Southern Africa. Upon realizing the need for trainings in agribusiness sector skills at PhD level, the SAEBS in collaboration with three Danish Universities (DTU, Aalborg and Copenhagen) under BSU II project is offering training for the four methodological courses namely **Life-cycle assessment and Eco-design, Qualitative research methods, Standards and Market Access** and **Global value chain analysis**. **The courses will be run intermittently starting February.** The main objective of this training is to attain an effective agribusiness sector composed of profitable enterprises, operated by competent skilled managers, and continuously solving entrepreneurial challenges using sound research findings, with an organization responsive to the changing market, interacting with the agribusiness community and ensuring environmental sustainability.

General Information on the course

Life Cycle Assessment is systematic set of procedures for compiling and examining the inputs and outputs of materials, energy and the associated environmental impacts directly attributable to the functioning of a product or service system throughout its life cycle. Life Cycle Assessment is preferably undertaken to improve the environmental and economic efficiency ('Eco-Efficiency') of product supply chains.

Objectives of the course

This is a PhD level course on product assessment for environmental sustainability.

The purpose of the course is to provide students with skills to: