



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

Restoration of degraded rural landscapes

Anders Malmer*

*) Theme leader for the theme under SLU Global

Round table discussions

Nordic research school in restoration, KSLA 23 Nov 2012



**Agricultural
Sciences
for Global
Development
— SLU 's contribution**

SLU Global

**Research
Capacity
building
Provision
of
expertise**

Objectives

- **Put up the sign for fragmented SLU activity**
- **Coordinate activity around themes**
- **Seek thematic common activities with partners**

The five themes:

- **Restoration of degraded rural landscapes**
- **Efficiency in farming systems**
- **Land use and climate change**
- **Urban and peri-urban farming**
- **Scale issues in relation to food security and poverty alleviation**



Restoration – theme

Consolidation first half year

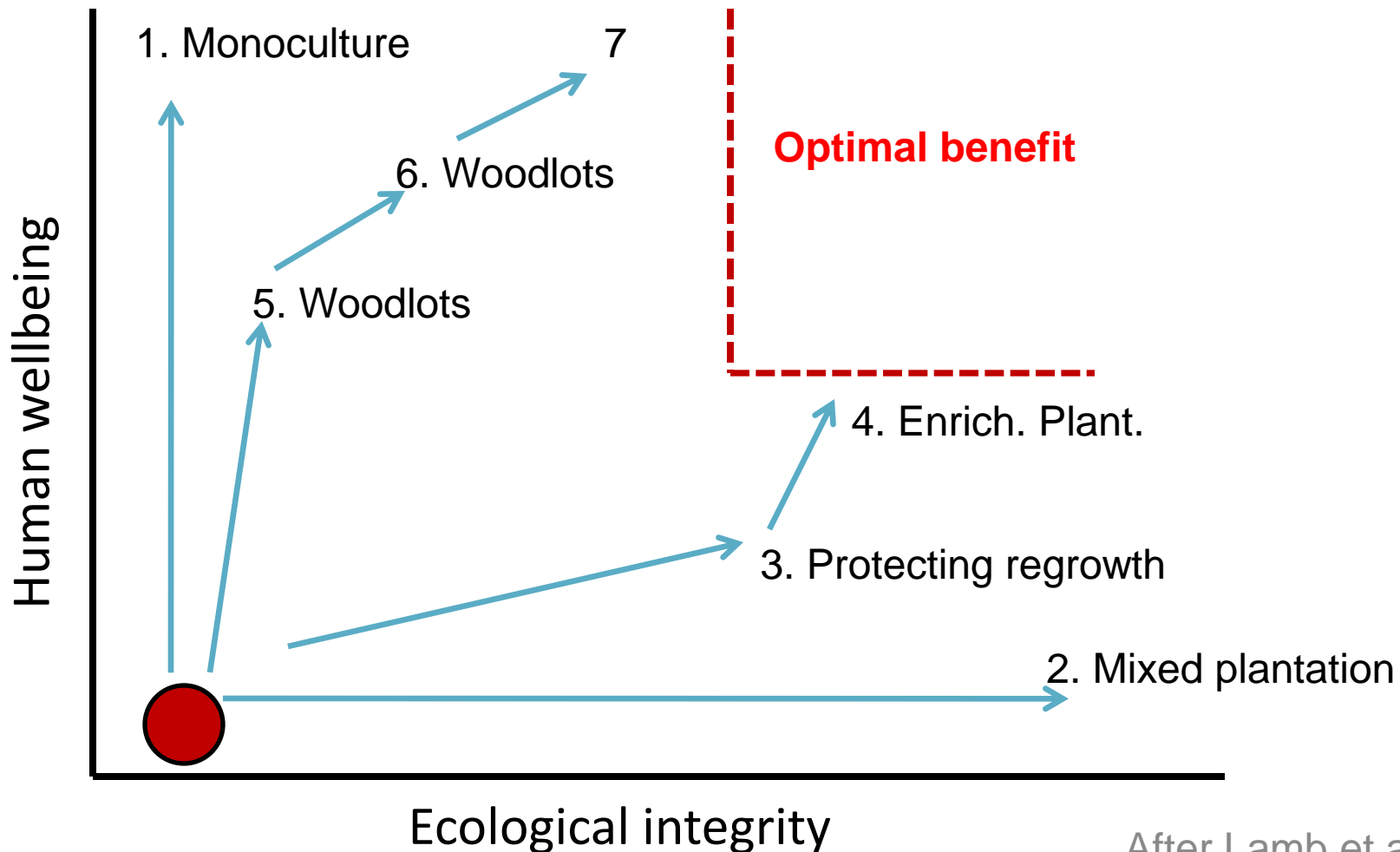
- Researcher & activity inventory SLU
- IUFRO first regional meeting in Africa – session & new African restoration network
- Session at Agri4D national meeting with CRP 6 (ICRAF), September
- Internal SLU workshop. October
- SLU – CIFOR workshop October/November
- Bilateral cooperation Sweden – Indonesia on forests, climate and environment
- Activities in formation of new capacity building programs
- Discussions and participation in small and large program concepts

Current SLU activities linking up

- Individual researchers and groups at 11 departments
- Active in 6 African, 4 Asian and 4 Latin American countries

- Existing links to ICRAF, CIFOR, IITA, CIAT, Catie
- Numerous NARS
- Numerous local universities
- Gothenburg University, Linköping University

Forest landscape restoration: integrating **ecological integrity** and **human well-being**





Defining "degraded" and "restoration"

(SLU workshop october)

- Restoration and development of **ecosystem primary productivity** as can be interpreted by biomass production and by productivity of soils
- Restoration and development of capability of rural landscapes to **sustain or improve livelihoods**, including aspects of tenure, governance and policy
- 1 and 2 to include **"sustainable intensification"** in a broad sense including socioeconomic sustainability as well as **delivery of ecosystem services** like water, NTFP's, carbon storage etc. and **adaptation to climate change**.

in relation to points 1 – 3 above one can see a degraded landscape as having lost potential for delivery of services for points 1 – 3 by unsustainable land use.

Current lines of joint engagement

Forest landscape restoration in Sub Saharan Africa Enhancing livelihoods options and ecosystem functions

- Capacity building with National University of Rwanda
(NUR-SLU component for Agroforestry, Sida application)
- REFOREST Africa, regional capacity building in forest science
(not yet dead proposal to Sida from SE Africa, Sida and SLU)
- SLU – CIFOR – ICRAF – Vitri “joint restoration effort”
SLU, ICRAF, Vitri more interested to targeted research and capacity building, while CIFOR more interested in continued prospective activities for research needs with more partners and comparative analysis; “What works and what works not?”
- Kitale / West Pokot (Kenya) restored landscape analysis
(Broad initiative, pilot support from Agri4D)
- ICRAF initiative for Lower Mekong with SLU participation

Thank you!

What is agriculture and what is forest?

