

Global Governance for Sustainable Land Use:

Systemic Indicators – Concept, Examples and Implementation Options

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with input from the GLOBALANDS team

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Introduction



- GLOBALANDS: **transdisciplinary** research project carried out by IINAS in cooperation with Ecologic Institute, Oeko-Institut and Leuphana University
- Funding: German Ministry for Environment through Federal Environment Agency (UBA), runs from Fall 2011 until April 2015
- Approach for **systemic indicators** is presented
- **Your views** are relevant for our further discussion!
- Working papers available at www.globalands.org



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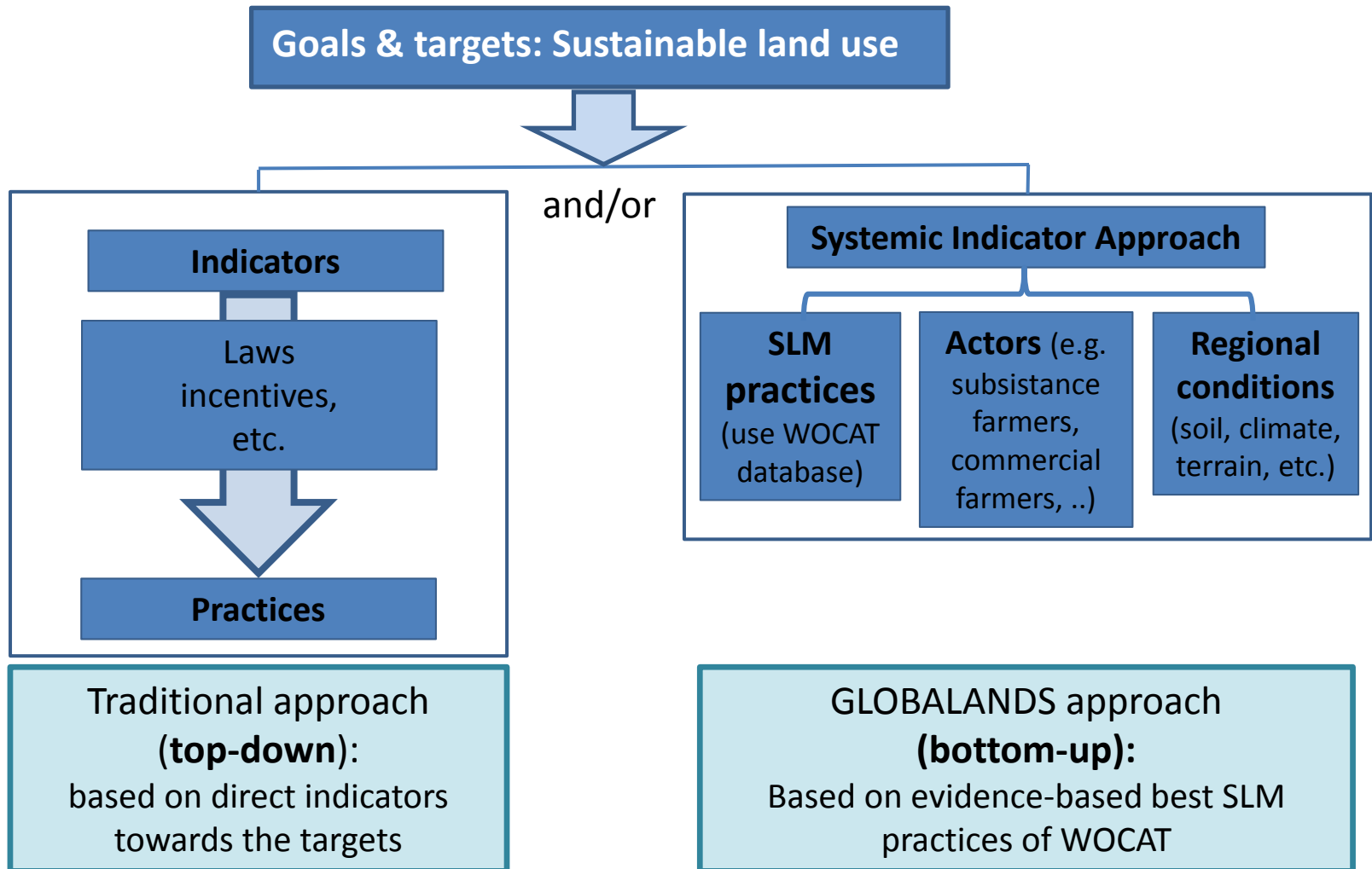
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Systemic Indicator Approach

- Basics: focus on land **use** and **positive** signals
- Approach aims to **integrate** environmental and social aspects, including traditional knowledge
- Social **actor group** differentiation and focus: e.g. large corporate vs. small-scale farming
- Metrics: **combination** of sustainable LU **practices** and actor groups in specific regions
- ☞ Meant to **complement** policy development and monitoring

Systemic Indicator Approach



Systemic Indicators (cont.)

- Systemic indicators **could** help defining/ negotiating SDGs to include sustainable land use on indicator level
- Approach is worked out for two **examples** addressing most relevant global land uses:
 - Small vs. large-scale **farming**
 - Small/communal vs. corporate **forestry**
- Working Paper available:
www.iinas.org/tl_files/iinas/downloads/land/IINAS_2014_GLOBALANDS_WP_33_Systemic-Indicators.pdf

Systemic Indicators: Example

Land Use Practice	Actors	Region
Agroforestry	Small-scale land users; mixing of woody and non-woody species	dry and semi-arid regions, sub-humid mountains + temperate zones
Example:	Poor farmer, herders, woman	“Re-greening” of arid regions (e.g. Sahel/Niger)
Agroforestry	Large-scale land user; extensive and intensive	temperate and tropical zones
Example:	Tea/coffee plantations	Latin America, Asia
Water harvesting	Poor small-scale farmers mainly < 1ha, partly 1-2 ha, some 2-5 ha	Arid and semi-arid zones
Example:	Poor farmers using plant pit system/Zai	Burkina Faso
Cross slope barriers	Small-scale, average level of wealth to poor land users	subhumid, semi-arid
Example:	Small scale farmers using Fanya juu terrace	Eastern province Kenya

Systemic Indicators: Implementation?



- Implement SI approach as part of the *indicator framework* for SDGs
- “Real” application of SI when SDGs - once agreed - are *implemented on regional and national scales* in participatory processes to allow for adequate screening and agreement on safeguards
- “Safeguarding” approach for sustainable land use in existing UN schemes could make use of SI, e.g. in regionalized REDD+ schemes



More Information



Globalands

Resource-Efficient Land Use – Towards A Global Sustainable Land Use Standard
BMUB-UBA Project No. FKZ 371193101

**Global Sustainable Land Use:
Concept and Examples for Systemic Indicators**

Input Paper for the 3rd GLOBALANDS International Expert Meeting,
UNEP Paris, April 7-8, 2014

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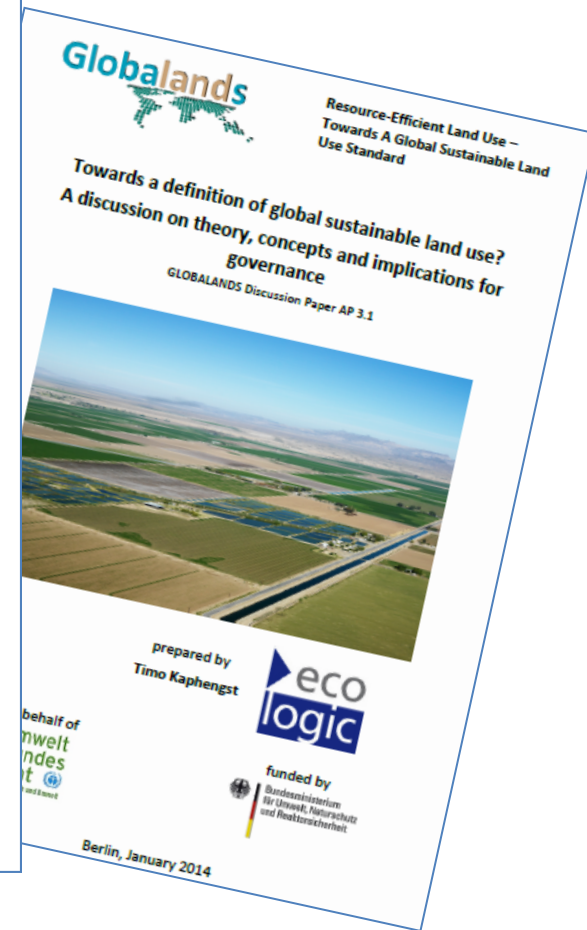
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