



Inter- and transdisciplinarity in sustainable land management

td-conference

Geneva, 15-17 September 2010

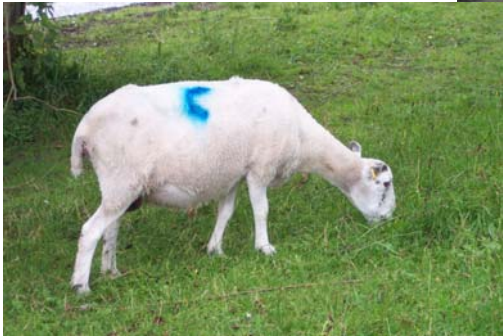
P2: Tools: Translations

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Outline

1. Relevance of inter- and transdisciplinarity for sustainable land management
2. Funding Measure 'Sustainable Land Management'
3. Research module 'Innovative system solutions for sustainable land management'

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1. Relevance of inter- and transdisciplinarity for sustainable land management

- rising variety of environmental challenges
- land management and sustainability characterized by diversity, complexity, conflicts, uncertainties
- influenced by social interest and perceptions

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- land management determined by different approaches, drivers and forms of land use
⇒ analysis by **interdisciplinary approach**
⇒ cooperation of many scientific disciplines and overcoming of disciplinary boundaries
- high variety of participating actors
⇒ different kind of problems and perceptions

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⇒ **transdisciplinary approach**

- process of mutual learning and understanding for development and implementation of applicable solutions
- new way of looking at the relationship between knowledge, science and society
- collaboration between scientists, professionals, policy makers, interest groups, public

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**Problems in land management
need to be solved by inter- and
transdisciplinary accesses!**

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2. Funding measure 'Sustainable Land Management'

- announcement October 2008
- call for joint research projects
- two modules (A / B)
- supported by two scientific coordination projects
- BMBF past activities concerning inter- / transdisciplinary research accesses

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Focus inter- and transdisciplinarity

‘The success of the funding measure mainly depends on action-based research and thus on the generation of knowledge which can be used directly by people in the regions. Usability requires a transdisciplinary approach and is ultimately decided at the level of decision-makers and stakeholders involved in the research process‘ (BMBF, 2008).

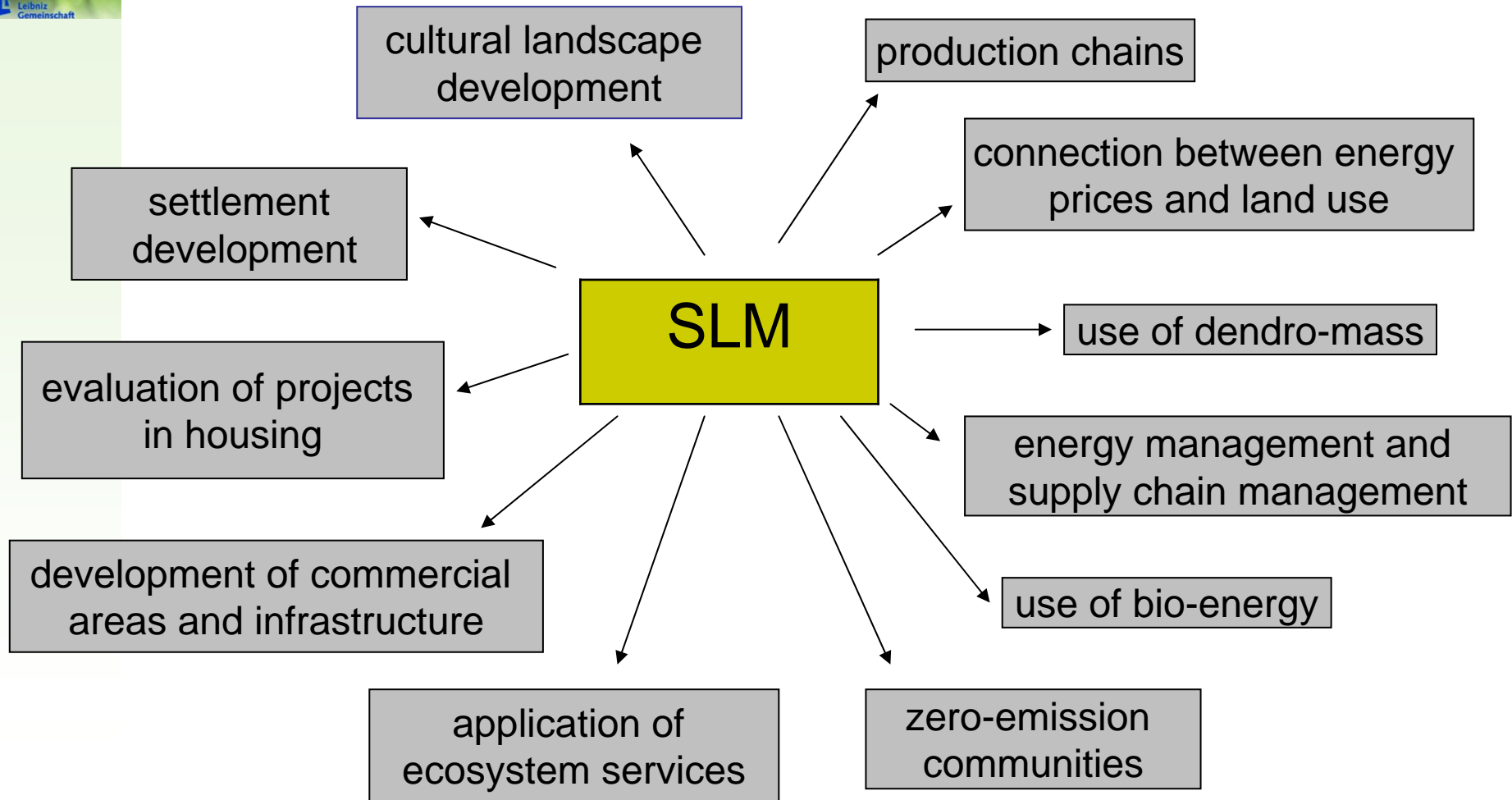
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3. Research module B 'Innovative system solutions for sustainable land management'



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Methodological Approach

sustainable
land
management

inter- and
trans-
disciplinarity

coordination and networking

synthesis and meta-analysis

dialogue, transfer and deliberation

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Inter- and transdisciplinarity as a foundation

- **joint projects** as well as **scientific coordination project** deal with inter- / transdisciplinary approaches in research practice
 - analysis and valuation of inter- / transdisciplinary approaches by scientific coordination
- ⇒ What are adequate ways for dealing with complex problems in land management?

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- Instruments I -

- support participation and face-to-face-communication
- workshops with scientists from the joint project: What are the reasons for using specific analytical or conceptual approaches?
- workshops for integrating international discussions
- systematic dialogue with different groups of stakeholders

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- Instruments II -

- exchange and cooperation between joint projects
- identification of synergy effects and cross-cutting issues between joint projects
- focussing implementation bottlenecks
- creation of overvalue
- recommendations for qualifying ongoing and future management of research processes

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- workshops in 2011 and 2012
- presenting and discussing international examples / solutions

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Thank you for your attention!



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