



Session 08.1 – Land Consolidation: From Plan to Implementation

Presentation – Multifunctional Land Consolidation. An approach to a holistic and sustainable land use in rural areas

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Multifunctional Land Consolidation

An approach to a holistic and sustainable land use
in rural areas



Challenges

Targets

Approach

Solutions



Challenges



1. High intensive farming – 61% of the area of Denmark
 - Large and fragmented farms – significant operating costs
 - High carbon footprint – share of DK-CO₂ emissions is 23% (2018)
 - Leaching of nutrients to the aquatic environment
 - Leaching of pesticides to groundwater
 - Less biodiversity
2. Achievement of UN Sustainable Development Goals
 - Particular on climate and environmental impact
3. Increased focus on other uses of rural areas
 - Need for 140% of the total Danish area to fulfill all known plans and wishes for land use
4. “Silo thinking” in open land management
 - The open land is regulated by sector plans, restrictions and bindings
 - A weak tradition of interdisciplinary planning of open land





Targets





Environment

- Clean drinking water and good water quality



Climate

- Reduction of greenhouse gases and floods



Nature

- Variation in nature and improvement of biodiversity



Leisure / recreation

- Facilities and access into the landscape



Economy

- Profitable agriculture



Rural development

- Place to live and stay





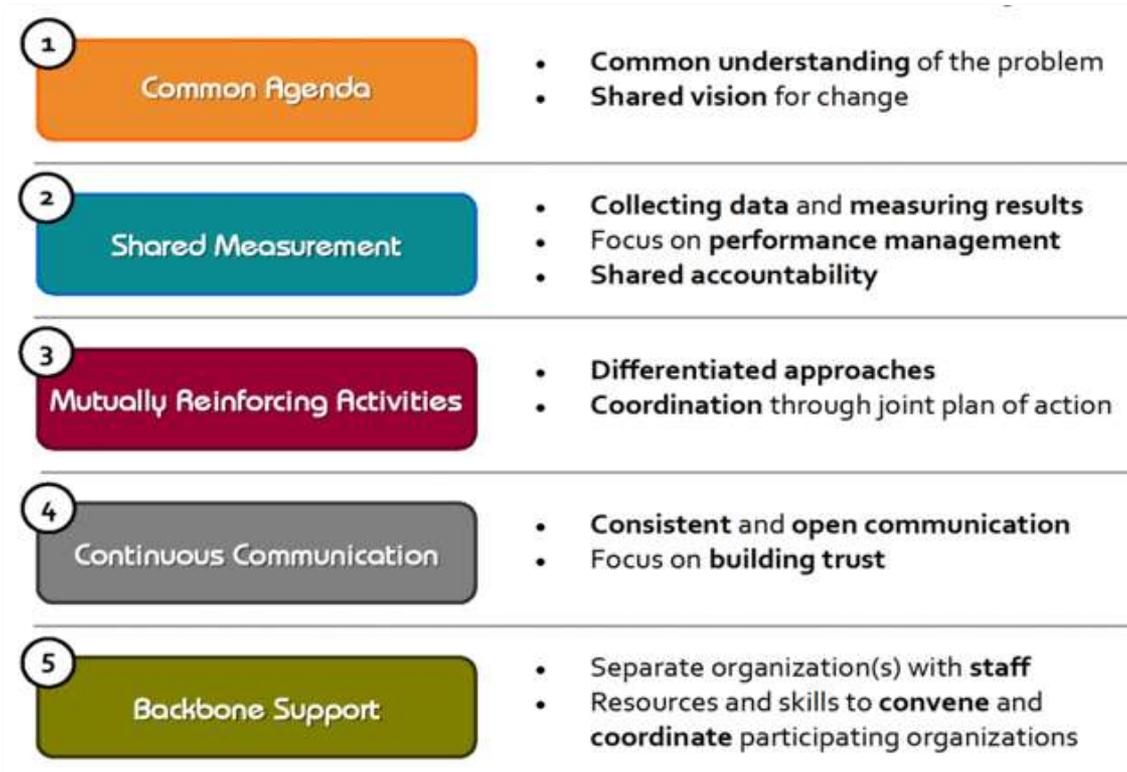
Approach





1. The Collective Impact methodology

- Bringing people together in a structured way, to achieve social change
- Builds on five conditions





Solutions





1. Free land consolidation

- Builds on dialogue-based solutions between authorities, interest groups, stakeholders, rights holders and owners
- Under development to contain multifunctionality - multifaceted land use

2. Pilot projects in progress – conducted by Ministry of Food, Agriculture and Fisheries

- Opportunity to apply for financial support for the implementation of multifunctional land consolidation – in a two-year trial period

3. Requirements for the project

- Municipalities or the Danish Nature Agency must be applicants
- Projects must be locally based
- Project description must be available
- There must be a financing plan
- Projects must meet at least three national interests including at least one EU Directive implementing interest





4. National interests

- EU Directive implementing interests
 - Clean drinking water
 - Clean aquatic environment
 - Natura 2000
 - Greenhouse gas reduction
- Other interests
 - Climate adaptation
 - Nature and biodiversity
 - Afforestation
 - Organic farming
 - Outdoor life
 - Rural development
 - Land allocation of agricultural property





4. Process Multifunctional Land Consolidation

