



Den danske Landinspektørforening

Multifunctional Land Consolidation

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

CLGE-GA – Saariselkä, Finland

26th November 2021



Challenges in land use in rural areas

1. 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

2. 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

3. Achievement of UN Sustainable Development Goals

- Particular on climate and environmental impact

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



A necessary paradigm shift

” We are facing a significant paradigm shift in the use of open land – from mono use of the rural zone to multifunctional rural development

If we want to succeed:

- We must use the areas for several purposes – multifaceted land use
- We must work holistically with locally anchored and dialogue-based solutions
- We must optimize financing, methods and processes in multifunctional projects



Overall targets

1. Environment

- Clean drinking water and good water quality



2. Climate

- Reduction of greenhouse gases and floods



3. Nature

- Variation in nature and improvement of biodiversity



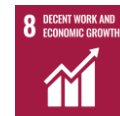
4. Leisure / recreation

- Facilities and access into the landscape



5. Economy

- Profitable agriculture



6. Rural development

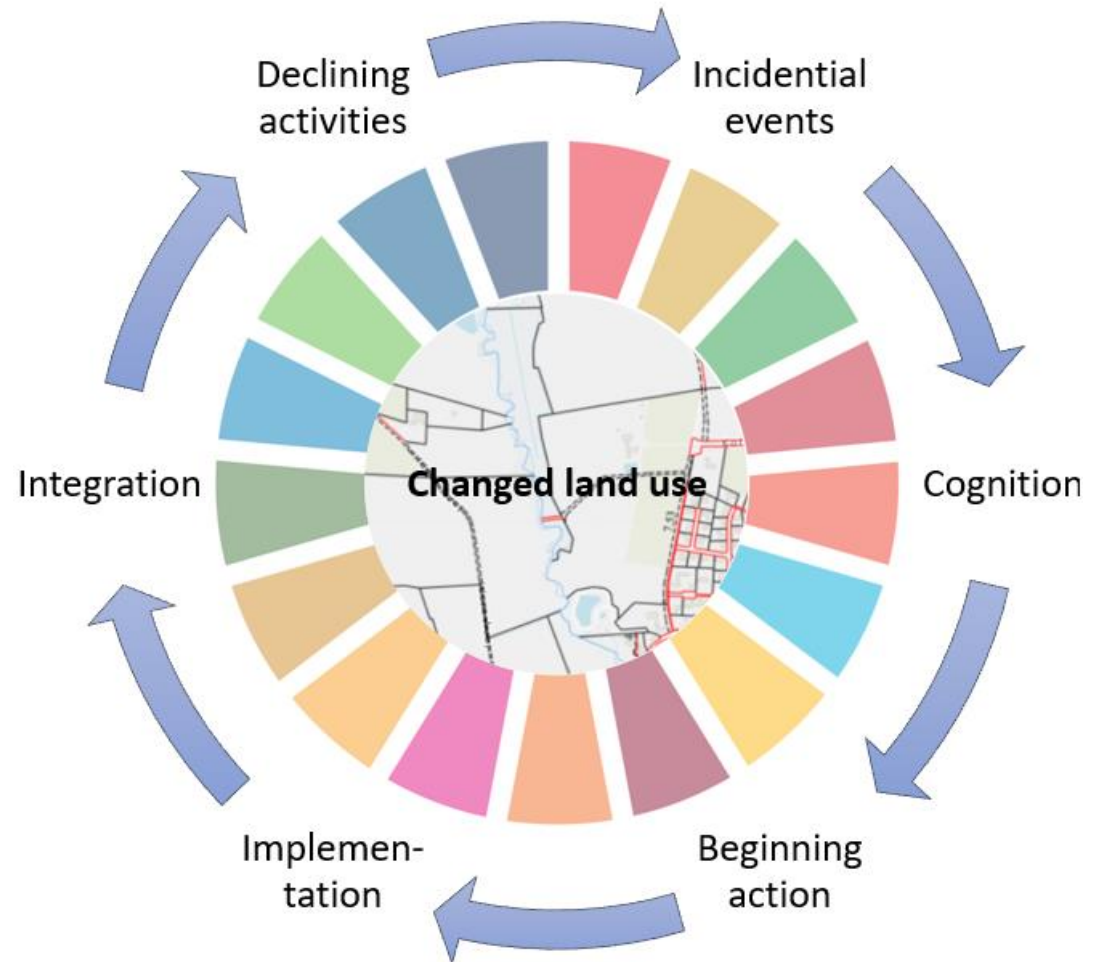
- Place to live and stay





Multifunctional land use – a process of change

- ” Multifunctional projects in the open land must be realized at an intersection between global and national sustainability goals and private rights





Overall approach – Collective Impact Methodology

- ” Bringing people together in a structured way, to achieve social change.

Builds on five conditions

1. Common agenda

- Coming together to collectively define the problem and create a shared vision to solve it.

2. Shared Measurement

- Agreeing to track progress in the same way, which allows for continuous improvement.

3. Mutual Reinforcing Activities

- Coordinating collective efforts to maximize the end result.

4. Continuous Communication

- Building trust and relationships among all participants.

5. Backbone Support

- Having a team dedicated to orchestrating the work of the group.



Multifunctional Project

Multifunctional project process

- Political, interdisciplinary, factfinding and prioritization task

1. Project development

- Involvement of interests
- Physical, technical, juridical investigations
- Project area definition
- Funding opportunities

2. Application

- Evaluation
- Consent

3. Realization

- Prioritization of interests
- Land Consolidation
- Contractual availability restriction

4. Implementation



Land Consolidation – fit for purpose

Land consolidation

- Builds on dialogue-based solutions between authorities, interest groups, stakeholders, rights holders and owners

1. Planning

- Initial meeting – owners, stakeholders, authorities
- Preparation of land allocation plans
- Financing plan – funding



2. Realization

- Preparation of final land allocation plan
- Land distribution decision
- Cross day for change of ownership



3. Implementation

- Construction, plant and operation
- Updating public registers with property changes



In progress

Pilot projects – 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 (2020-2022)

Requirements for supported projects

- Municipalities or the Danish Nature Agency must be applicants
- Projects must be locally based
- Project description must be available
- Projects must meet at least three national interest including at least one EU Directive implementing interest
- There must be a financing plan
- A project area delimitation is defined
- Between 100-1000 hectares must be involved



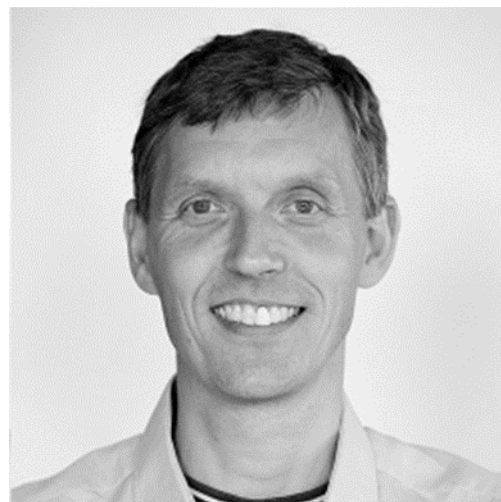
- Preparation for a national land reform



Contact Information

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