

Common Ground

*Resistance and support in the
Frisian peat meadow landscape transition*

Thursday 14 October 2021

Carbon Connects and CANAPE Final Conference

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(Environmental psychology – Landscape governance)

Contents

- Relevance: Peat meadows in the Netherlands
- Topic: Resistance and support in the implementation of the Frisian Peat meadow program
- Research questions and methods
- Study area: Aldeboarn – De Deelen

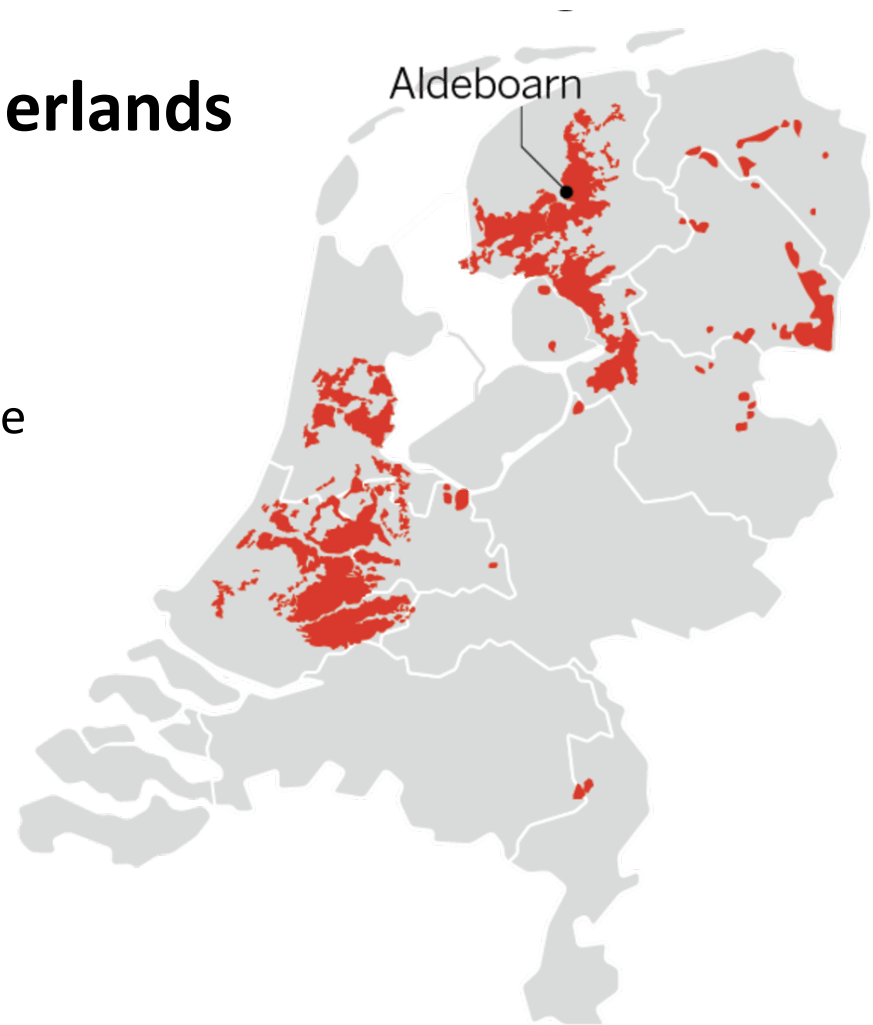
No presentable results yet

Ongoing social research, to be completed by the end of 2022



Peat meadows in the Netherlands

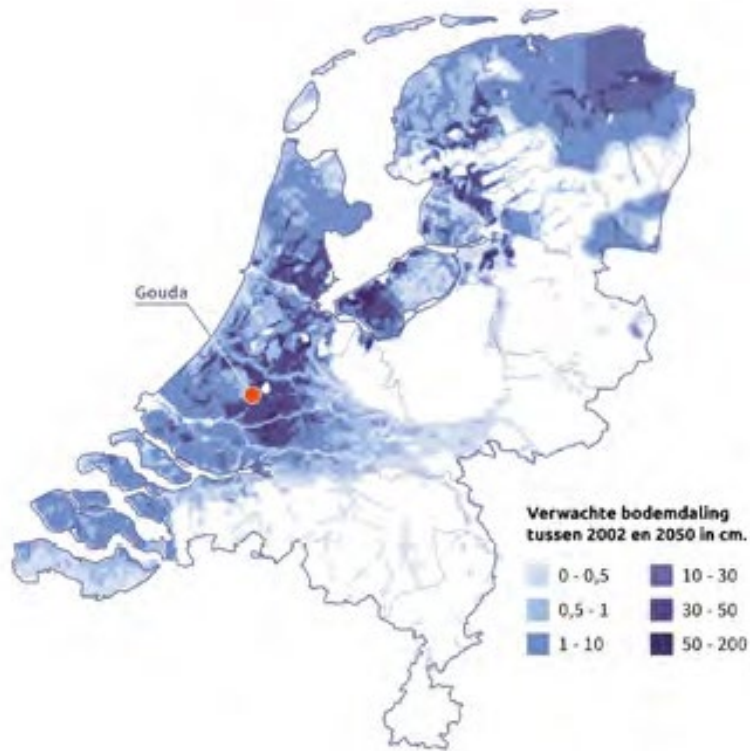
- Subsidence
- Damage to houses and infrastructure
- GHG emissions
- Increasingly complicated water management



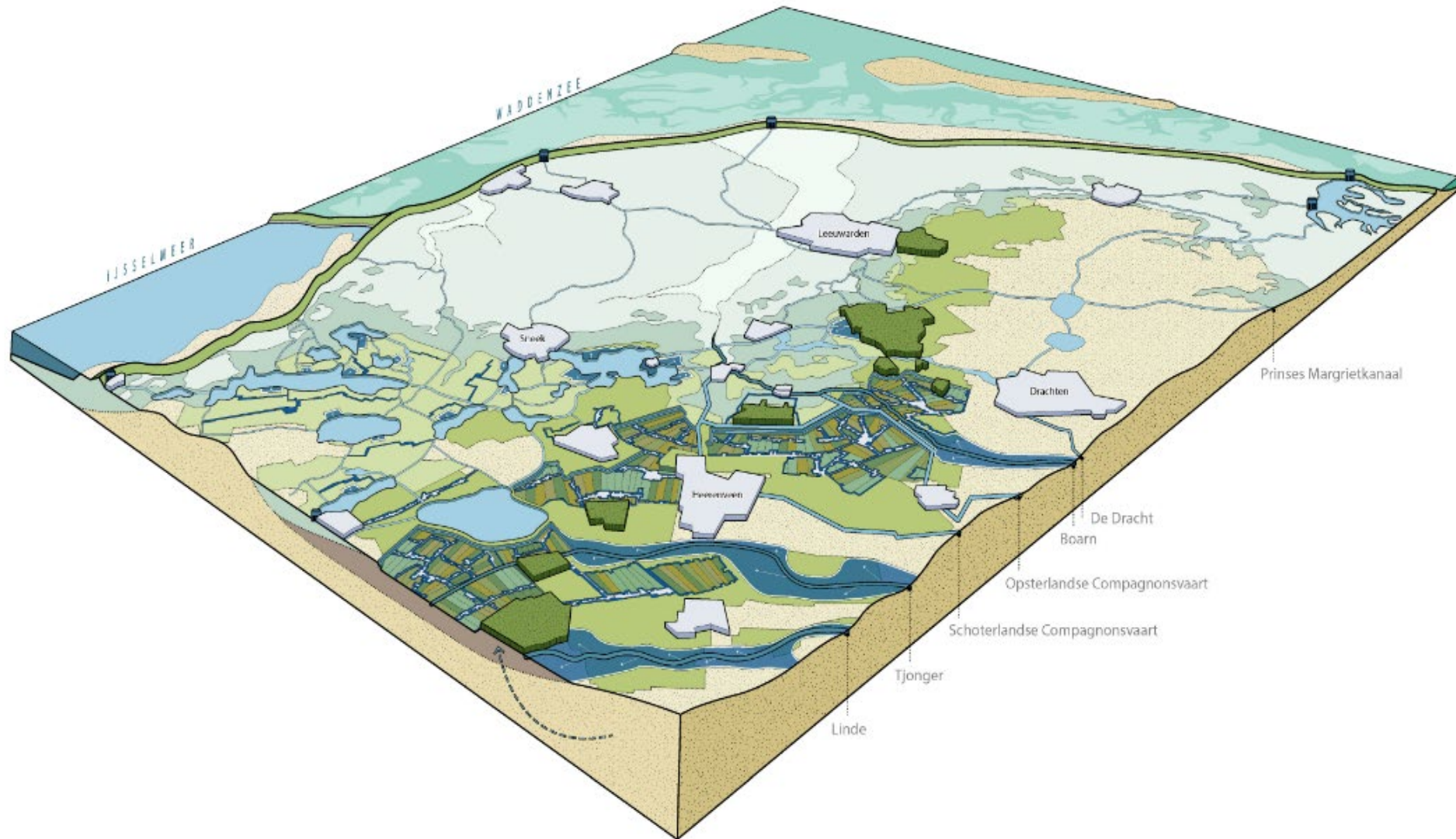
310718 © de Volkskrant - JV Bron: WU, Alterra

Peat in the Netherlands

City of Gouda:
subsidence on average 1 cm / y



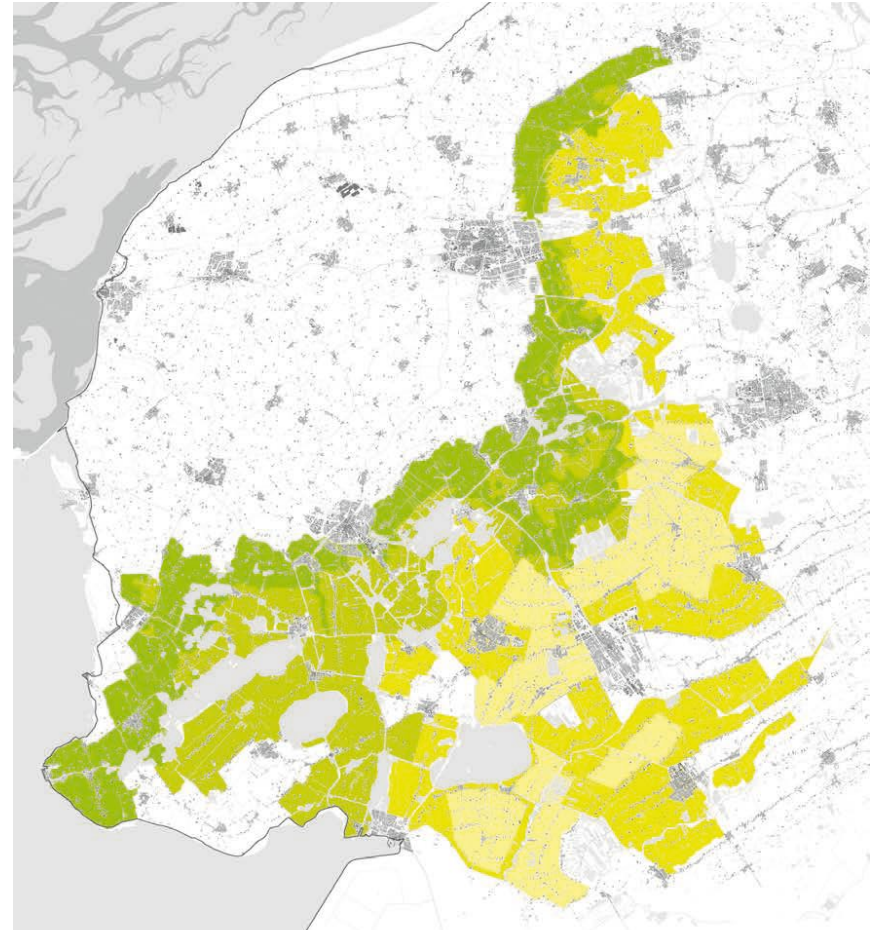
The Frisian peat meadows



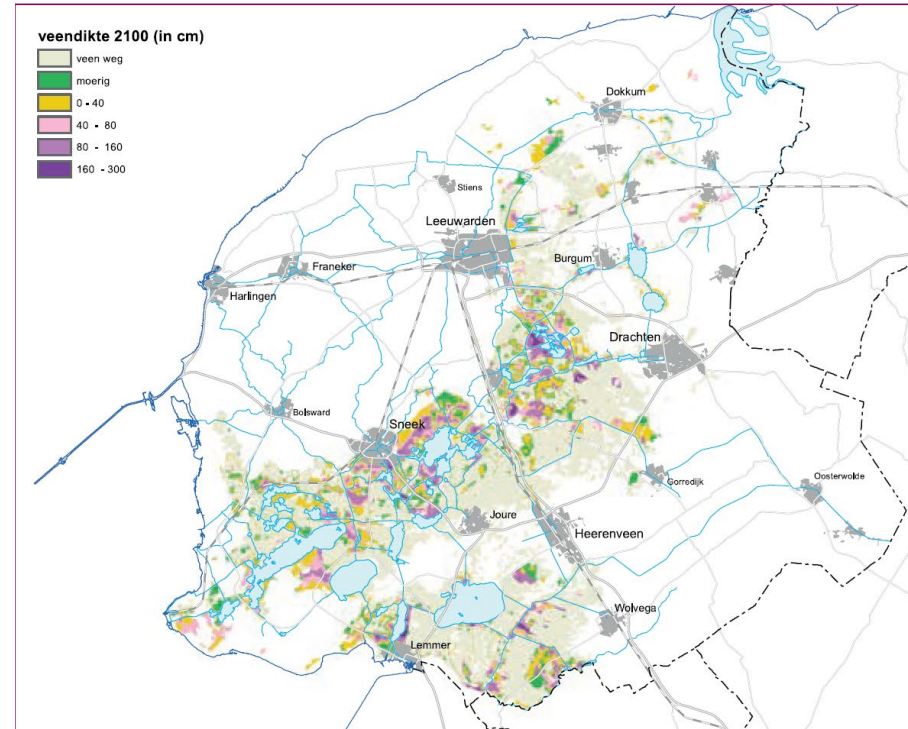
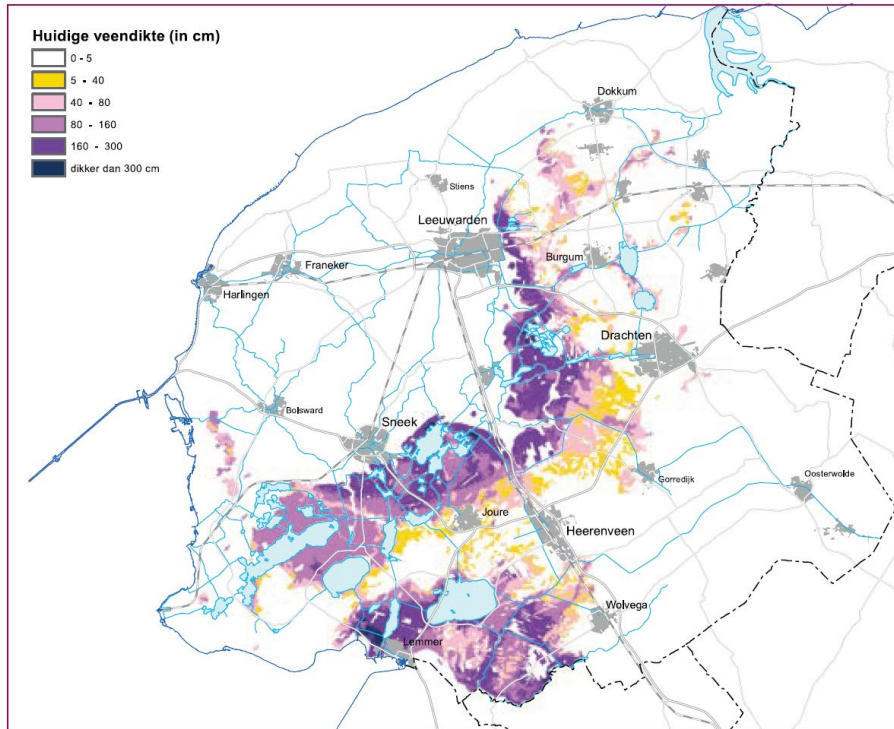
The Frisian peat meadows

Types of peat meadows

-  Clay on peat
-  Thin layer of clay
-  No clay
-  Deep peat polders

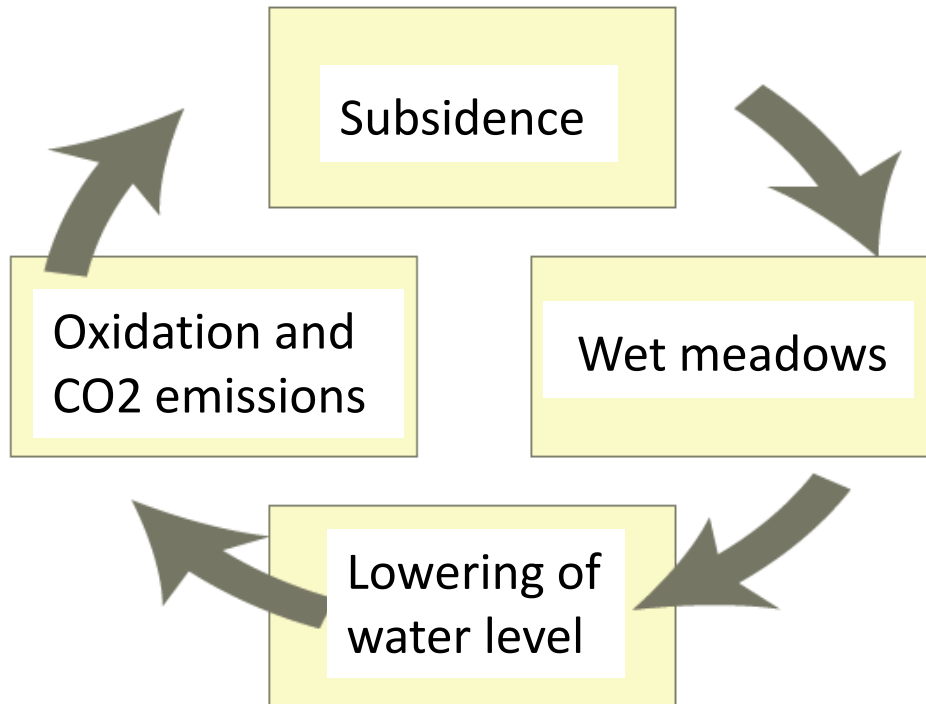


The Frisian peat meadows



Kaart 2.2 Huidige veendikte en berekende veendikte 2100 bij ongewijzigd beleid

The Frisian Peat Meadow Vision (2015)

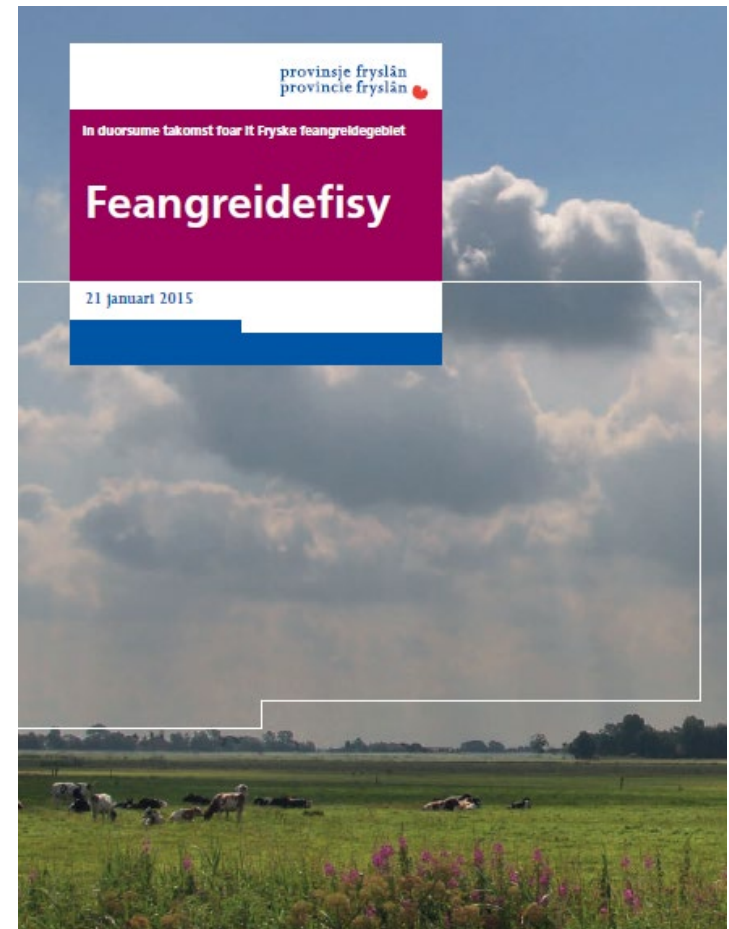


The Frisian Peat Meadow Vision (2015)

Starting points /

preconditions for peat policies

- Preservation of landscape, archeology, cultural history
 - Habitat for meadow birds
 - Climate adaptation
 - Reduction of dehydration of nature and adjacent sandy soils
 - Improvement of water management
 - Reduction of GHG emissions
 - Reduction of damage to houses and infrastructure
 - Reduction of costs water management
- Reduction of subsidence as a means to meet these challenges



The Frisian Peat Meadow Program 2021 - 2030

Goals

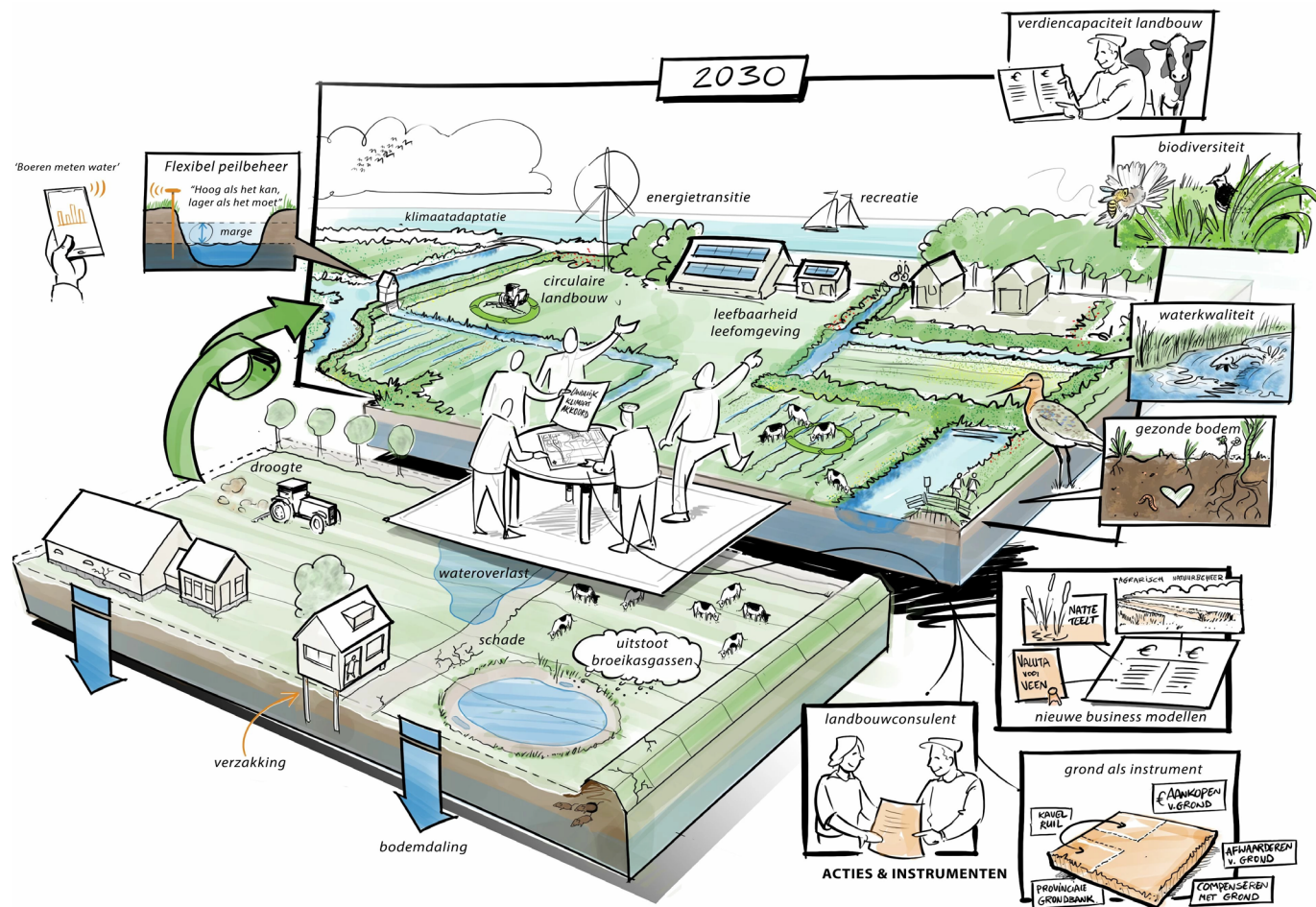
- Reduce negative effects of subsidence
- Reduction of GHG emissions
- Sustainable future for agriculture
- Watermanagement system adapted to climate change



The Frisian Peat Meadow Program 2021 - 2030

Implementation
at a local level:
steering groups

Aimed at a broad
involvement of
actors and
stakeholders



Resistance and support: research questions

How is resistance and support for the Frisian Peat Meadow Program shaped by perceptions, interests, motives etc of actors and stakeholders?

+ Which actors and stakeholders can be identified in the Frisian peat landscape transition?

+ Which themes in this landscape transition process are perceived by actors and stakeholders as relevant for their support and resistance?

+ How do the themes as perceived by the actors and stakeholders relate to the contents of the Veenweideprogram?

Resistance and support: methods

Qualitative research: interviews and focusgroups

- + Perceptions, opinions, values, emotions
- + Open, explorative research questions
- + Sensitive topic, personal involvement

→ In depth study in a relatively small area

Students

Land & Water management: Simone Runtulalo, Roos Schoolen, Gerrelt Bronkhorst

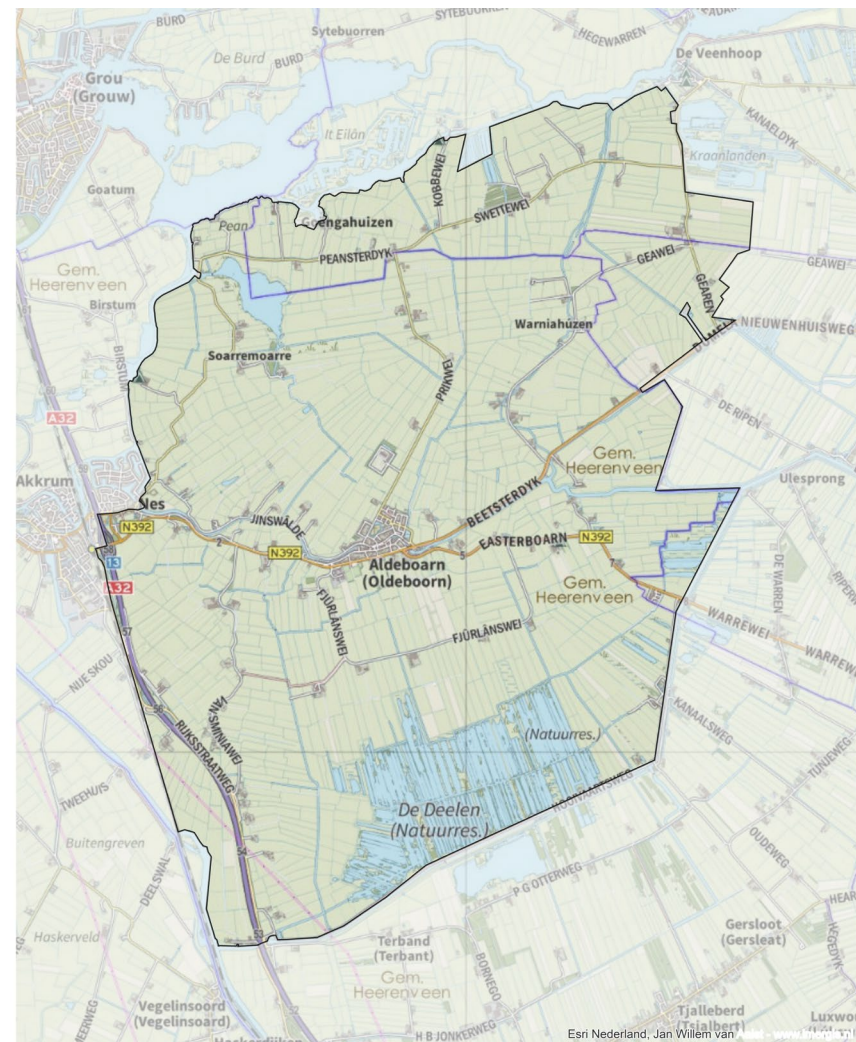
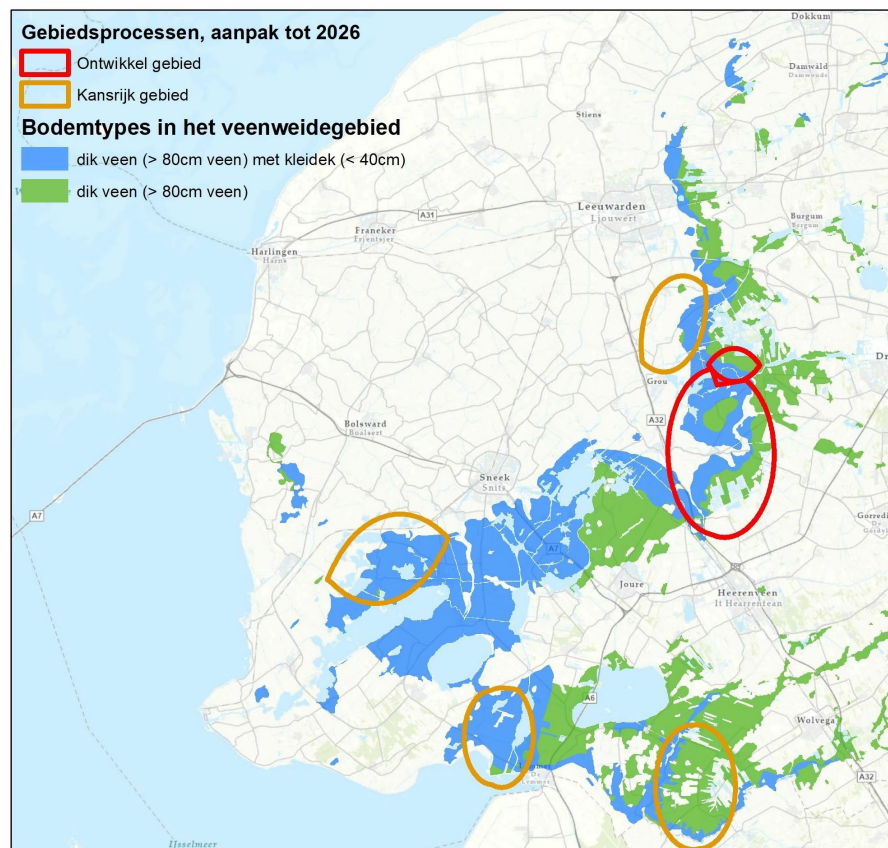
Animal management: Thirza Hoekstra

People and Nature: Franka van der Veen

Area of study: Aldeboarn-De Deelen



Area of study: Aldeboarn-De Deelen



Legenda

Aldeboarn-De Deelen



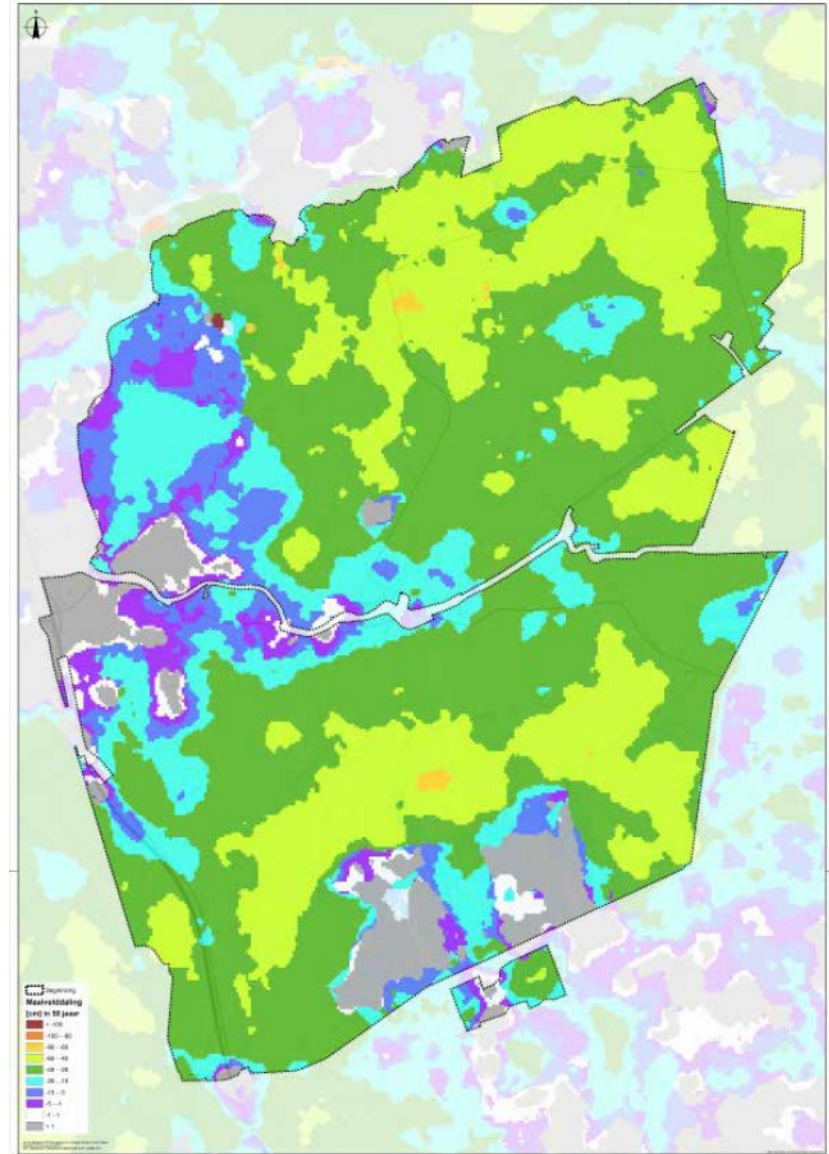
0 1 2 3 4 Kilometers

Auteur: Gerrelt Bronkhorst
Veenweideonderzoek
Datum: 30-04-2021

Area of study: Aldeboarn-De Deelen

- ± 5000 ha
- ± 1500 inhabitants

The Frisian Peat meadow program regards ADD as one of the first areas in which the program can be implemented.



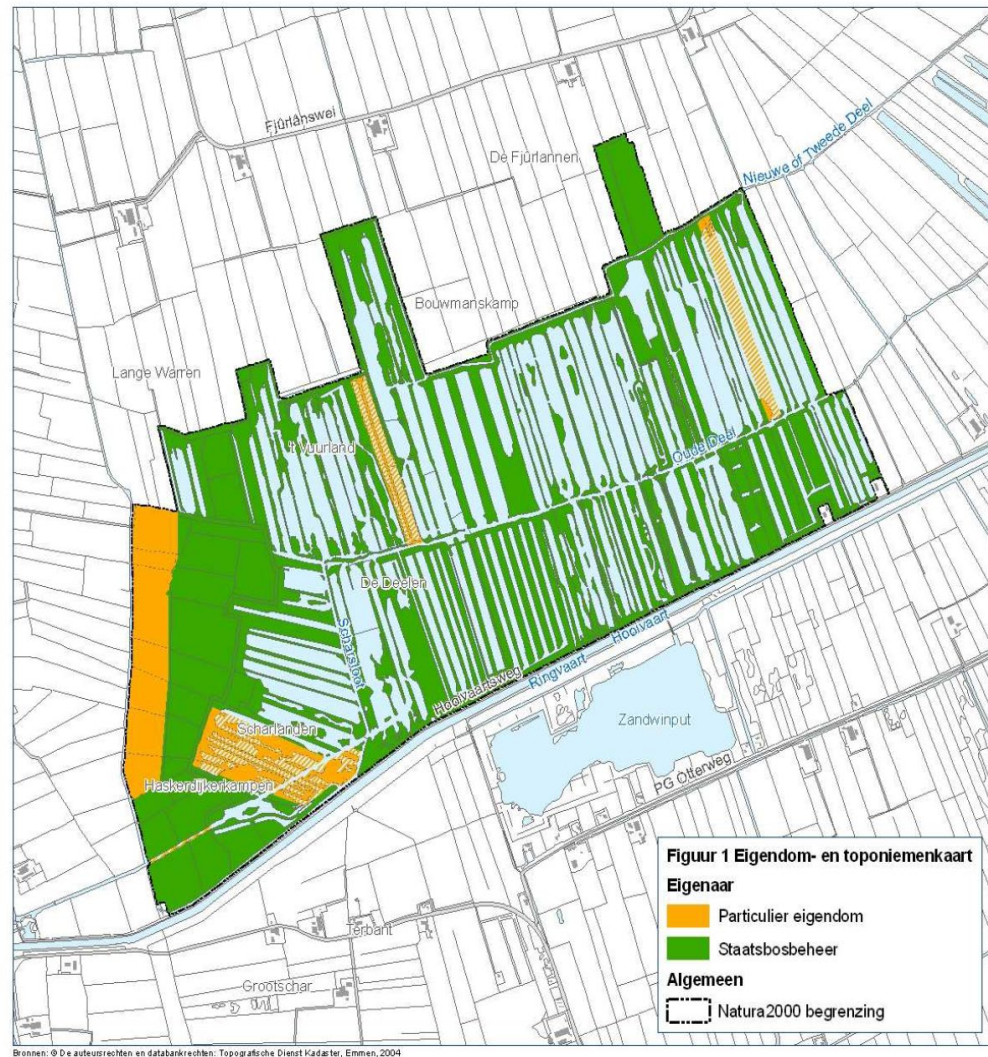
Area of study: Aldeboarn-De Deelen



Area of study: Aldeboarn -De Deelen:

Natura 2000 area De Deelen

- 514 ha
- Formerly peat extraction
- Wetlands with lakes and marshes
- Birds' habitat breeding (about 90 species)
in winter tens of thousands of geese

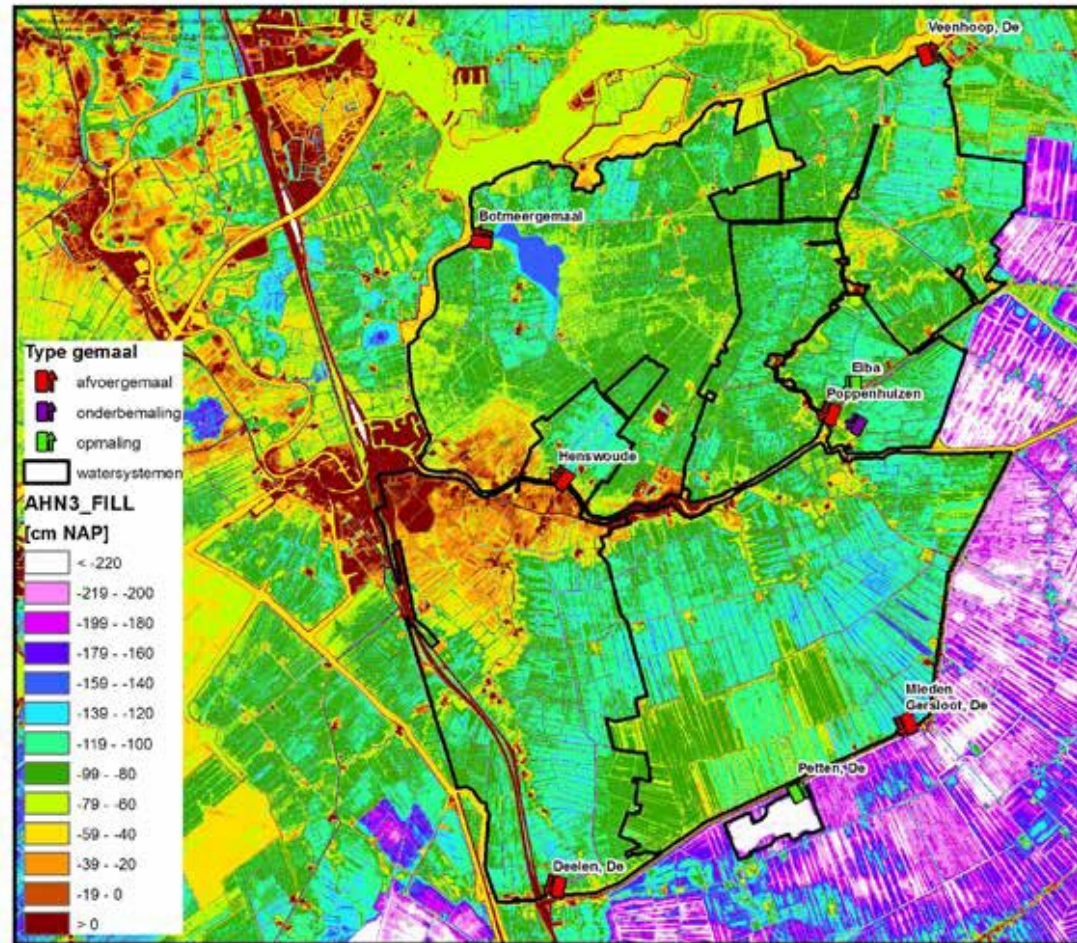


Area of study:

Aldeboarn- De Deelen

Ground level

- Relative high along the River Boorne
- Low in agricultural areas (green and light blue)
- Natura 2000 area De Deelen higher ground level than surrounding meadows



Area of study: Aldeboarn-De Deelen

Cooperation of two citizens' groups:

1. Stichting Beekdallandschap
Koningsdiep | de Nije Boarn
(foundation aiming at development of
the landscape of the Boorne Valley)
2. Gebiedscoöperatie It Lege Midden
(cooperation of farmers active in nature
management and preservation)

Romsicht (2017):
report on potential of the area

ROMSICHT

een ruimere kijk op veenweide



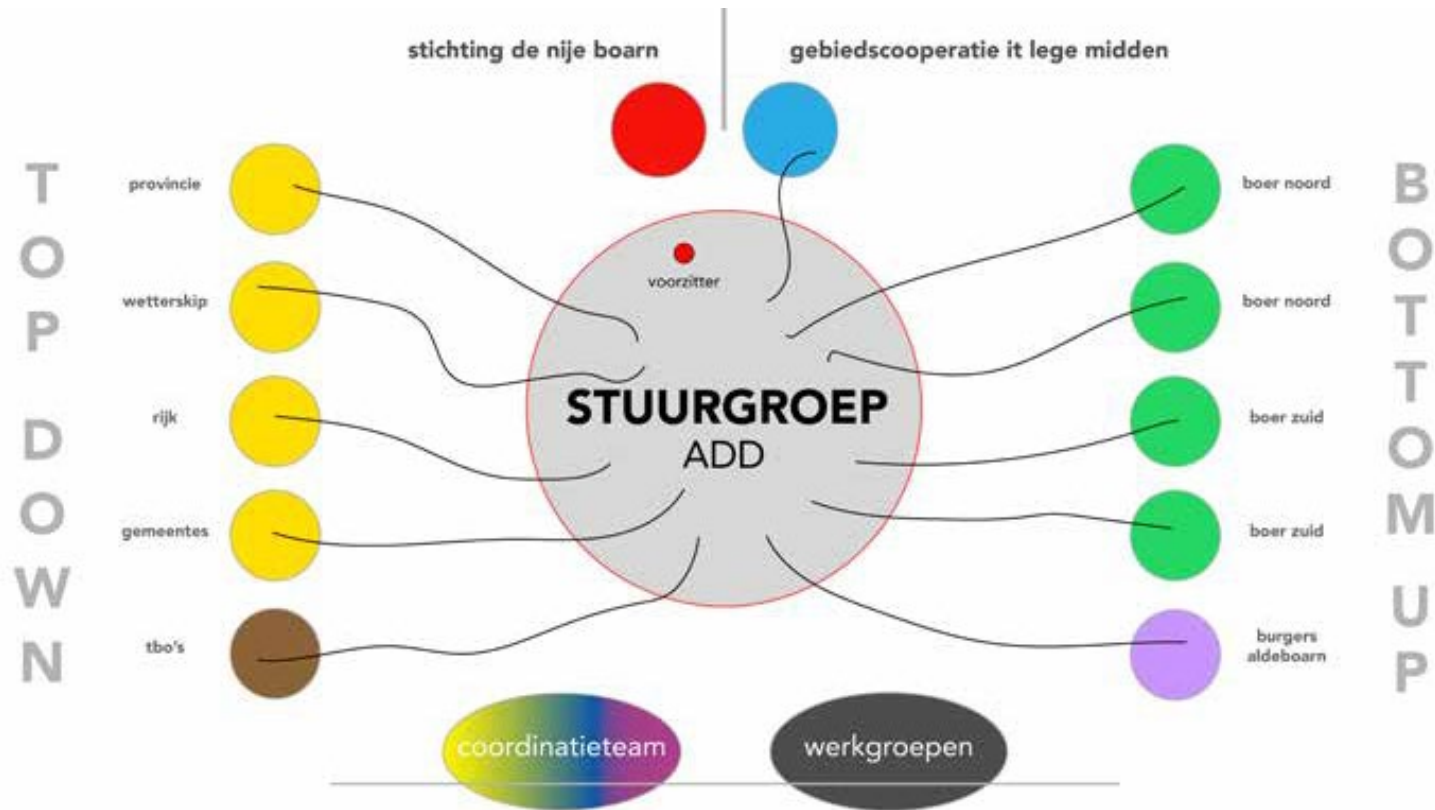
UITKOMSTEN
VERKENNINGSFASE UITVOERING VEENWEIDEVISIE
ALDEBOARN / DE DEELEN

Aldeboarn - 30 juni 2017
Gebiedscoöperatie It Lege Midden
Stichting Beekdallandschap Koningsdiep | de Nije Boarn

Area of study: Aldeboarn-De Deelen

Steering group (2020): broad representation:

Farmers, citizens, province, municipality, waterboard,



Resistance, protest, support, participation

Broad scope of themes met so far

- Sense of urgency
- Shared interests, dialogue, involvement
- Place attachment and nature connectedness
- Identity of the rural landscape and personal identity
- Subsidence and housing
- Nature and biodiversity
- Climate, CO2 emissions
- Cultural heritage
- Economy and income
 - Tourism and hospitality industry
 - Solar energy combined with crops and nature
 - Alternative crops and cattle
 - Estates with a mixture of functions

