W2 Waterdrive

Water driven rural development in the Baltic Sea Region

Reduce nutrient loadings from agricultural landscapes in a context of ecosystem productivity and resource efficient growth considering climate change.

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WP2 activity Group 2.1 Cross-sector local participation

Find and describe SUCCESS-STORIES for cross-sector/transnational implementation.
Lessons learned from new or earlier projects.

Establishment of CASE AREAS

Establishment of a FOCUS GROUPS in the case area/areas

Working with the farmers, the advisory service, the municipality and other stakeholders

Discussion, test and development of a PARTICIPATORY TOOLBOX – a toolbox for cross-sector participation.

EXCHANGE EXPERIENCES between FOCUS GROUPS through national- and international workshops, meetings and site visits

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Activity Group 2.2 Leadership and coordination

Identify and implement relevant case studies

Develop sound (Good) leadership in the FOCUS GROUPS.

Develop and test the participatory toolbox

Implement international BSR workshops on the role of leadership at international meetings.

Supporting 2.1 with the development of new services e.g. catchment officers.

Develop the leadership manual

The leadership manual will include identification of different forms of leadership, methods how to work with multiple perspectives in a targeted way, how to benefit from conflicts in a strategic way, how to settle negative conflicts and disputes, how to benefit from different competences, good examples and success stories.

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Activity Group 2.3 New services for cross-sector implementation

The aim is to identify and describe the need of NEW SERVICES to support cross-sector water management. Identify BSR/EU benchmarks and examples of new services

Catchment officers/ Agricultural advisory services is one of the solutions

Conduct workshops with representatives from agricultural advisory services (AO) preferably back-to-back with Waterdrive international

Initiate descriptions of new services

Implement workshop on new services at the final Conference

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Activity Group 2.1 Cross-sector local participation

Learning from FOCUS GROUPS + SUCCESS-STORIES + working in CASE AREAS

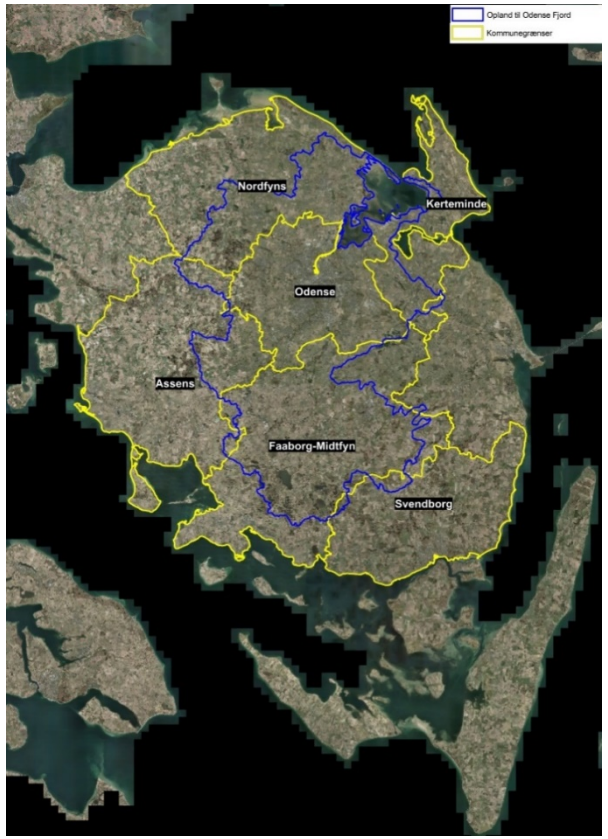
Action- and investment plans based on experience from case areas

Recommendations and strategies to be incorporated I Waterdrive

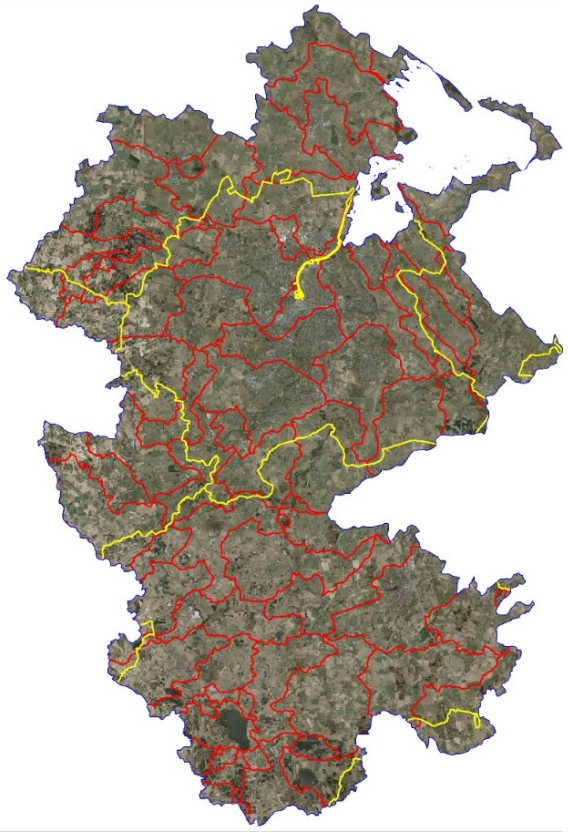
Initiate launching of the Participatory toolbox and strategies

Case area Odense Fjord in Denmark

Blue boder´s - the catchment area



Yellow border ´s - the municipalitys

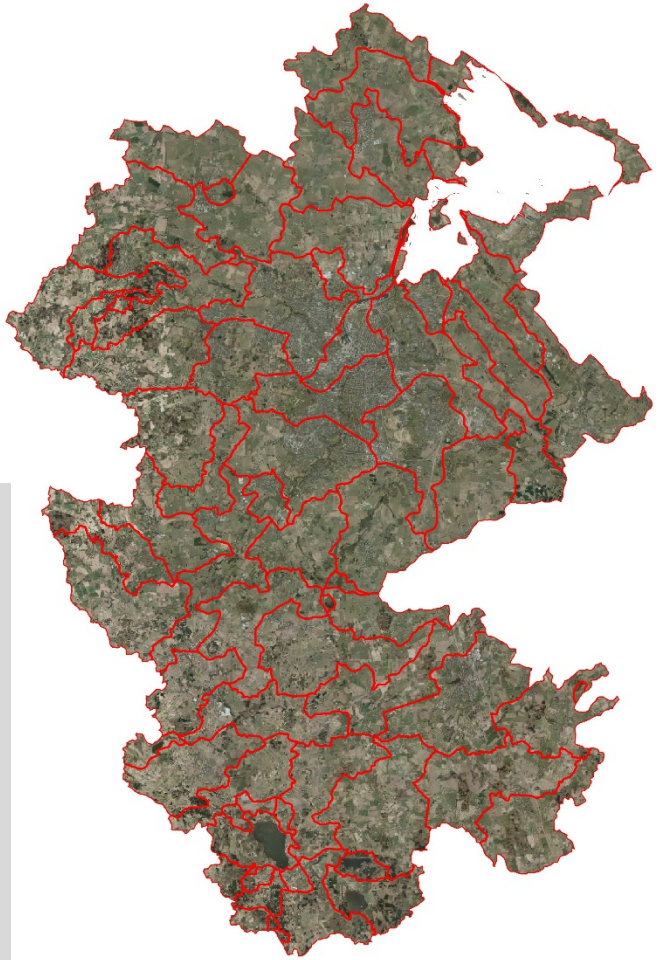


Red border ´s - Watersheds/sub-catchments

Water Area Plan, nitrogen emissions to Odense Fjord must be reduced by a total of 549.3 tonnes N.
The catchment of Odense Fjord is 105,600 ha, and the agricultural area 63,960 ha

Focus group estabiliched at a Local Watershed

Waterdrive cross-sector test:
The muncipality
Farmers Union
5-10 farmers
Catchment officers
Local stakeholders, NGO
(Government- national/regional)



Technical Support Group

Municipality (technicians)
Catchment Officers
Farmer Adviser

Field work
Reports
Monitoring

Implementation Committee

Farmer Union representors (Elected)
Municipality representors (Elected)
National/regional represent

Strategies and priorities
Decisions

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Implementation of environmental measures

THE CHAIN Scientific approval – cooperation – execution - credit

Constructed wetlands

Constructed wetlands with woodchips

Intelligent bufferzones

Wetlands

What is the technical potential in the landscape & what are the human challenges and opportunities?

Environmental measures in the rural funds.
2,5 billion dk = 335 million Euro
2016-2021 in Denmark

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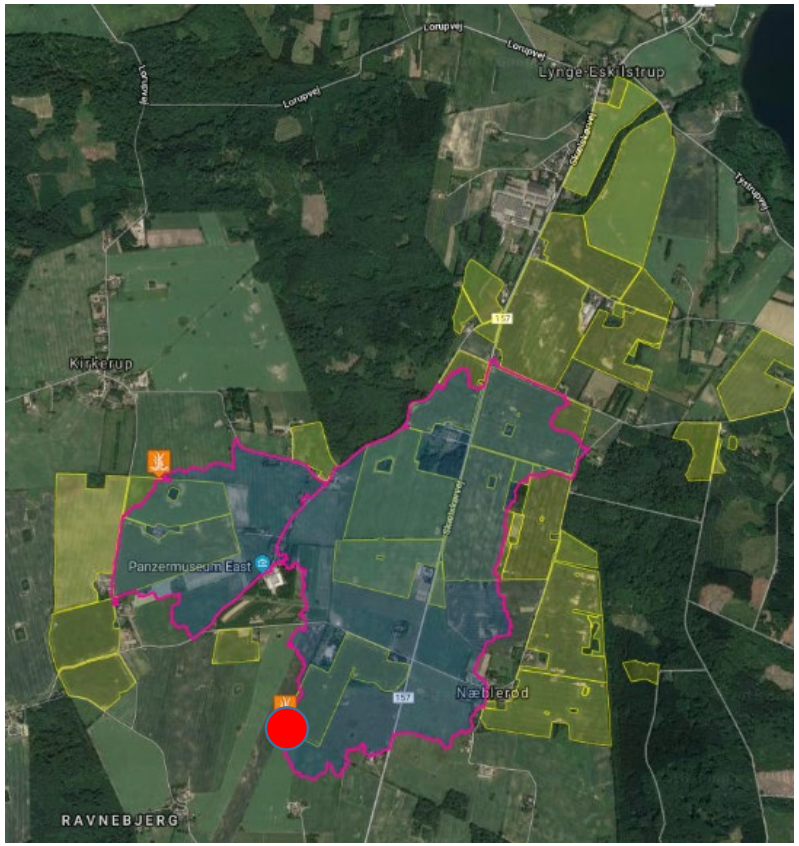
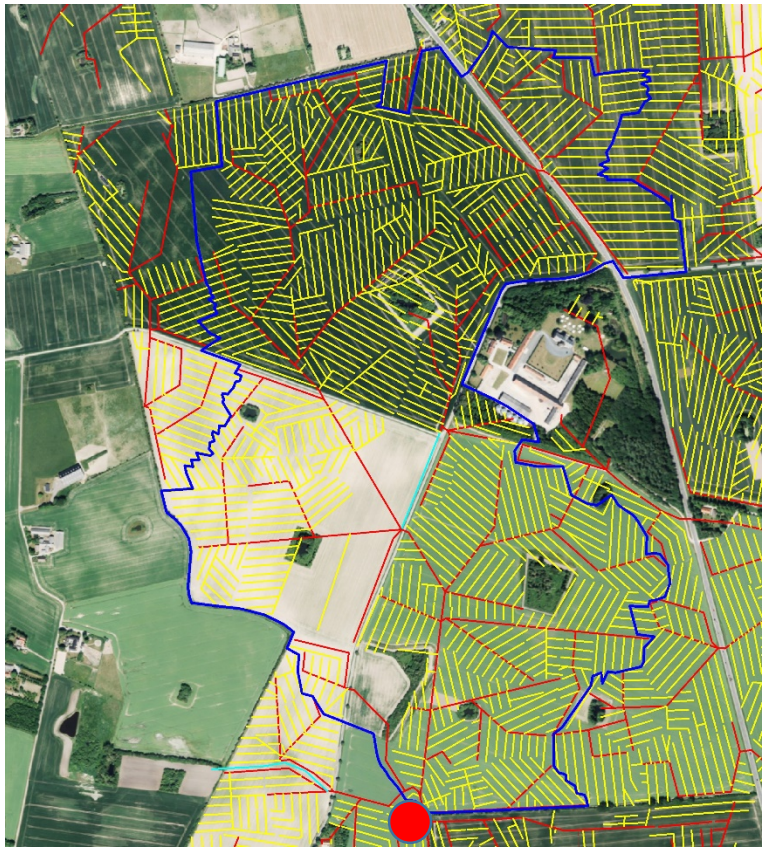
Farmer online tjek of catchment area´s based on Scalgo



Landmand.dk (= farmer.dk)
Possible for the farmers to
se potential locations



Drainage system

Constructed wetland with woodchips 2017/2018

Focus group in sub-catchment ID15 1320680 – Vejle in Jylland

7 farmers
The local agricultural advisor (trust)
2 from the farmers union (political)
3 from SEGES (professional)

If we have the commitment – next step is involvement of the municipality

Sub-catchment ID15 1320680

Red is a potential places for wetlands

White spots is a potential places for a constructed wetland

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Which capacities are needed to support a local cross-sector cooperation in a case/pilot area? Discuss a target in your country and what are missing?

How will you very fast establish a local cross-sector participation in a case area and how many people can you work with at the same time?

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A day out of the office - cross-sector meeting in 2017

Intelligent bufferzone at Sillerup in Denmark

The chain

The establishment of constructed wetlands in Denmark – flow chart

State - target defined		**Waterdrive**
All	Innovation of a new measure Who kick off new measures?	WP3 Advancing new technologies and methods
University - scientifically	Approved measures	WP3 Advancing new technologies and methods
Government	Governmental legislation	WP4 Adapting policies and financing
Government	Governmental announcements	WP4 Adapting policies and financing
Government	The right incentive structures Why should landowners do it?	WP4 Adapting policies and financing
Government	Support schemes/Funding Rural Development Plans RDP	WP4 Adapting policies and financing
Catchment officers/ Agricultural advisors	The personality Tools – hardware & software Education & Training	WP2 New services WP5 Comprehensive water management
Farmers Union Landowners Catchment officers Municipality	Involvement How – who – when - where? Working in focus groups	WP2 Leadership: Farmers Union The advisory service
Catchment officers/ Agricultural advisors	Implementation. Finding the right places.	WP2
Municipality	Approval of the constructed wetland by the municipality	WP2 Leadership in the municipality
Contractors	Instructions from Catchment Officers Establishment of constructed wetlands by contractors.	
Government control	Measure implemented	WP4
All	Acknowledgment – well done	WP2
The state – does it work?		

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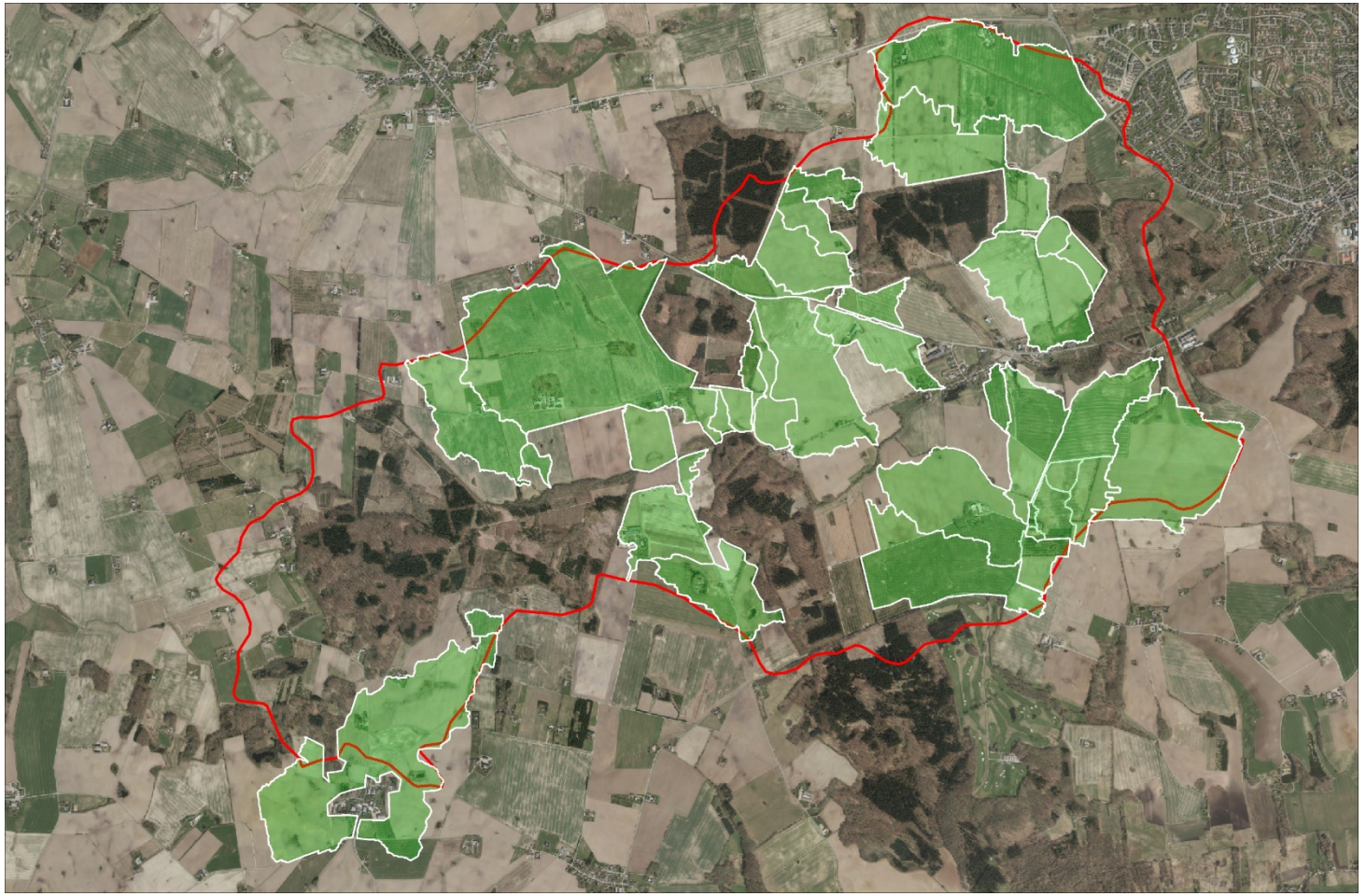
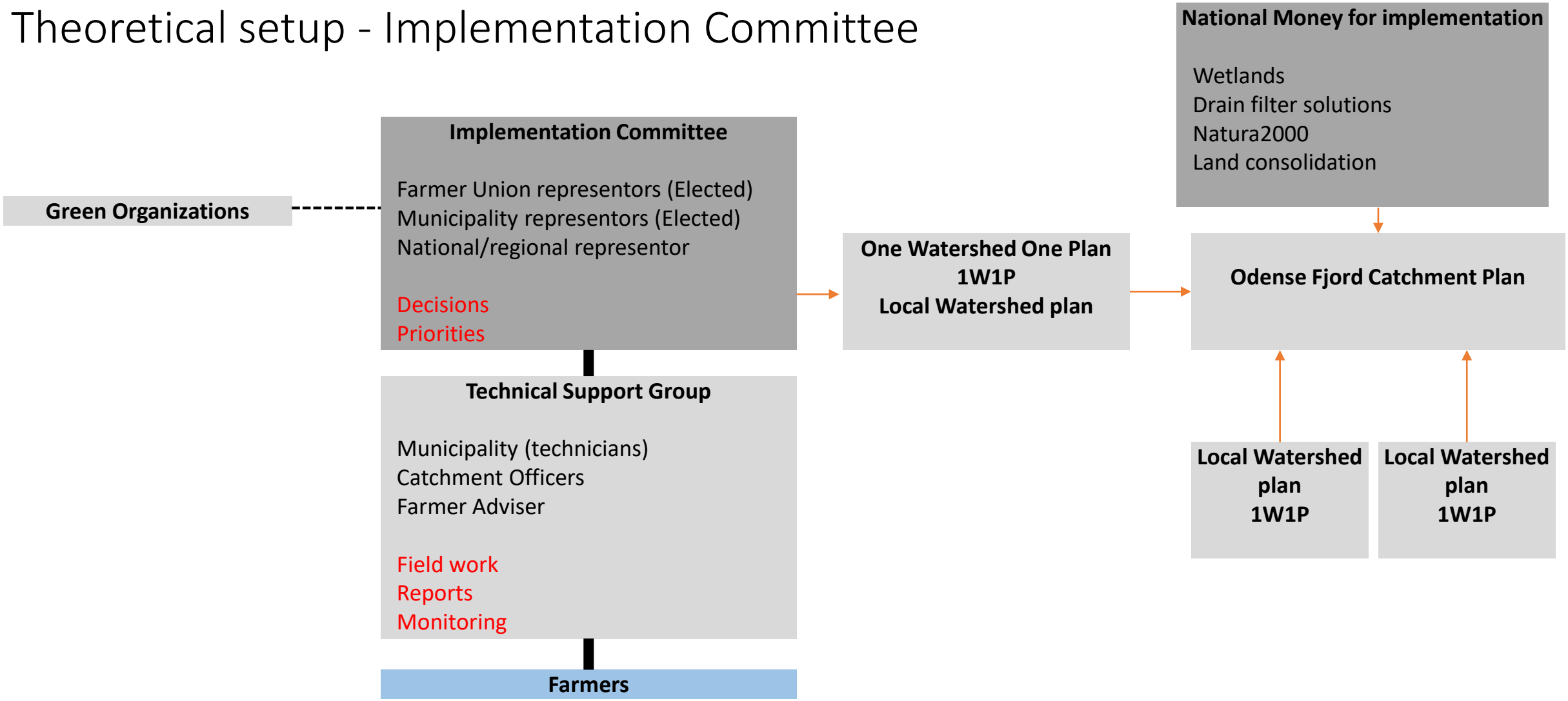
Catchment`s in catchment

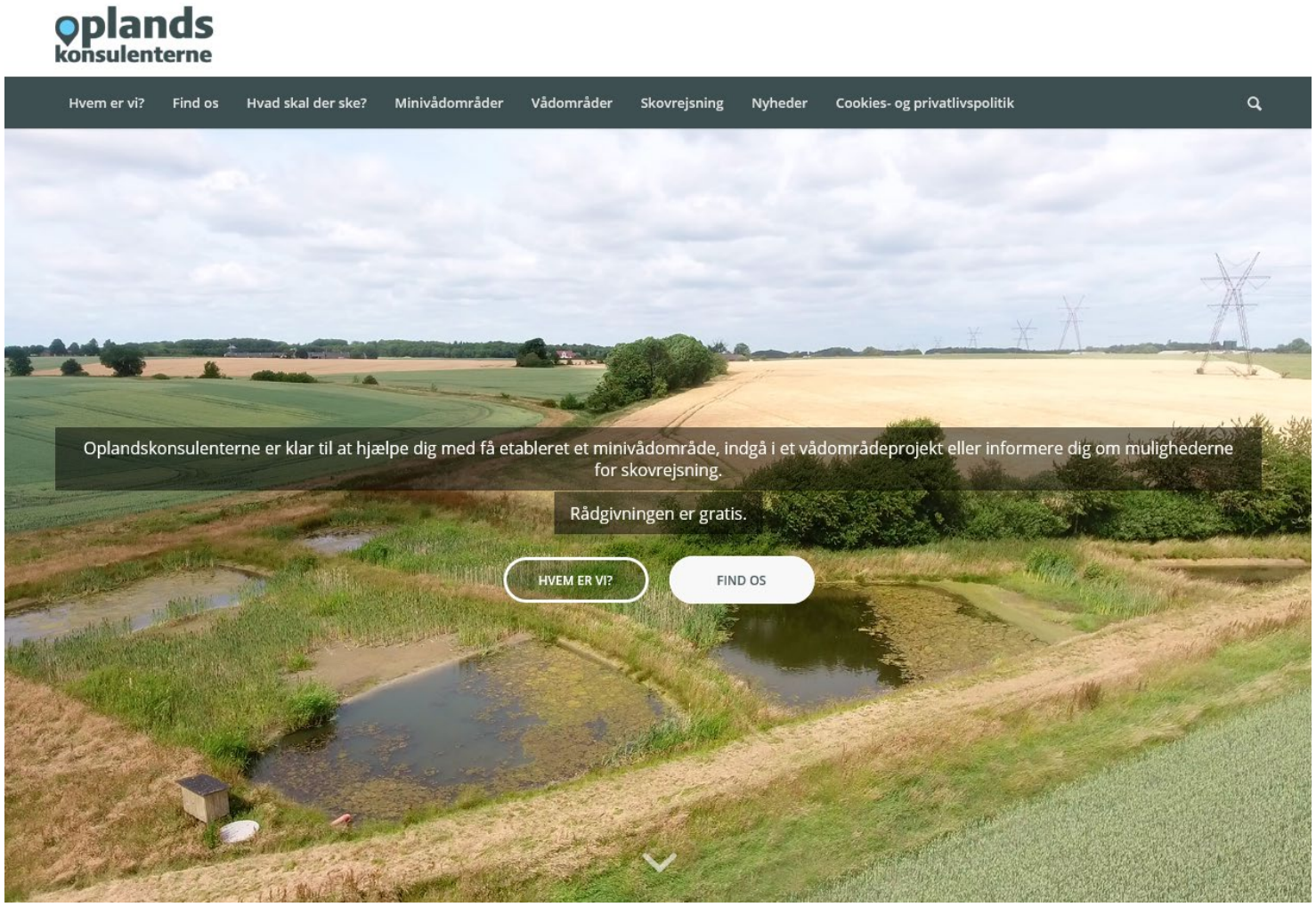


Test in Waterdrive

Theoretical setup - Implementation Committee



Catchment officers website in Denmark



Case areas

Finland: In the river Porvoonjoki catchment area focus is to improve the implementations of the actions of holistic water management

Lithuania: Focus on leaching of nutrients into the Žuvintas lake from surrounding territories

Latvia:

Poland:

Sweden - Västervik Municipality: The focus will be on a combination of leaching of nutrients, drought, flooding and climate adaptation by cross-sector implementation

Denmark: Denmark will in the pilot area have focus on leaching of nutrients to the catchment Odense Fjord, implementing of environmental measures and cross-sector cooperation between farmers union, the municipality, farmers, catchment officers, local authorities and other stakeholders.

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