

# National Upscaling – Catchment Officers

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## WaterCoG accelerating upscaling processes. Danish Catchment Officers - From pilot project to national program

### *Background*

This paper aims to describe the role of WaterCoG concerning testing Catchment Officers in a Danish context and bring it into a national program with 28 Danish Catchment Officers covering all catchments in Denmark.

Catchment officers was already in use in The Rivers Trust and an implemented strategy in the UK [Catchment Based Approach](#) when the application for WaterCoG was made. The “UK way” was a big inspiration for the Danish partners when the applications were made.

WaterCoG: In the Danish Pilot “Hagens Møllebæk” the aim was to test Catchment Officers in a Danish context with special focus on implementing wetland restauration in river valleys and constructed wetland as end of drain pipe filter solutions. In the pilot area for the Limfjord catchment we wanted to test if catchment officers can optimize the implementation process concerning restauration of wetlands which the municipalities have been responsible for in several years – we wanted to test if an earlier contact to the farmer and with a more trusted person could facilitate a better process toward implementing wetlands benefitting both farmer, municipality and environment.

The Danish Government decided in 2015 to spend 400 million DKR on wetlands and 390 million DKR on constructed wetlands over 4 years (2017-2020). Denmark have a long tradition for wetlands restauration but constructed wetlands as end of pipe solutions is regarded as new measures in Denmark and there was no governance structure supporting the implementation of constructed wetlands.

### *Catchment officers – upscaling*

- In spring 2016 the first draft for concept for national upscaling was made. Reported in 1 period.
- 2016 spring - Pilot activity in “Hagens Møllebæk”. Agricultural advisor was hired in WaterCoG regi to act as catchment officer.
- Catchment officer in pilot area finding several sites for new measures. See Appendix 1
- Fall 2016. External money led to 5 extra catchment officers testing in different parts of Denmark. 2 meeting where held with them. 1 meeting in fall 2016 and next in January 2017. Appendix 2.
- The Danish Agricultural Agency asked for a meeting to get experiences from pilot work, 2. Nov 2016 appendix 3.
- New national program launch marts 2017. [http://mfvm.dk/nyheder/nyhed/nyhed/ny-konsulentordning-skal-sparke-gang-i-flere-kollektive-miljoevirkemidler/?utm\\_medium=email&utm\\_source=fvm\\_nyhedsmail&utm\\_campaign=ny-](http://mfvm.dk/nyheder/nyhed/nyhed/ny-konsulentordning-skal-sparke-gang-i-flere-kollektive-miljoevirkemidler/?utm_medium=email&utm_source=fvm_nyhedsmail&utm_campaign=ny-)

[konsulentordning-skal-sparke-gang-i-flere-kollektive-miljvirkemidler&cHash=bd5f28c4b912f47f6818ac6de9682aa2](#)

- August 2017: Launched new web page for catchment officers in Denmark:
  - <https://oplandskonsulenterne.dk/>.
  - Incl. background and connection to WaterCoG <https://oplandskonsulenterne.dk/baggrund-for-oplandsproces/>

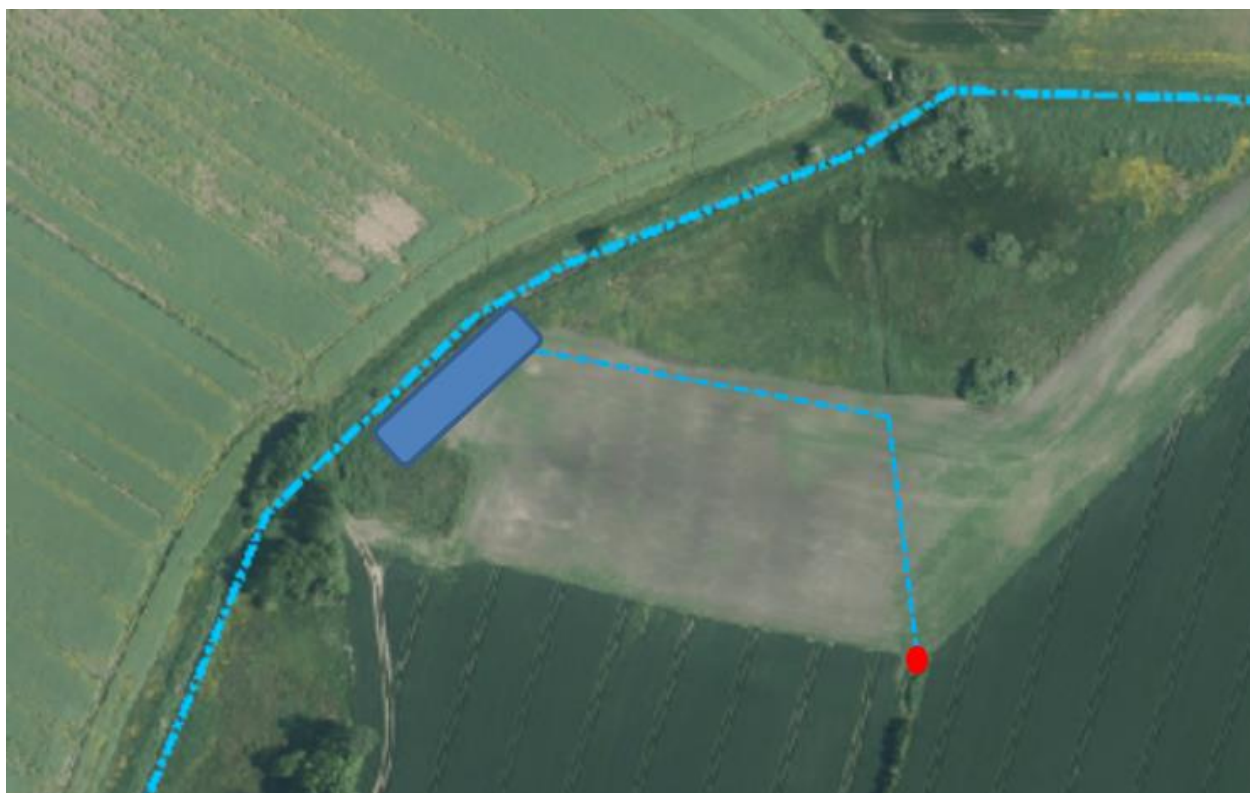
## Appendix 1

### Environmental improvements in pilot area using targeted measures

#### Intelligent bufferzone IBZ, at Vils on the Island Mors in Limfjord Catchment

In corporation with farmer Svend Erik Villadsen at Vils the test pilot Catchment officer Anders Lehnhardt in 2016 found the site for the IBZ. It was built in 2017 but not funded from WaterCoG..

A ditch with alder trees taking in water from a field drain and cleaning before water goes into stream

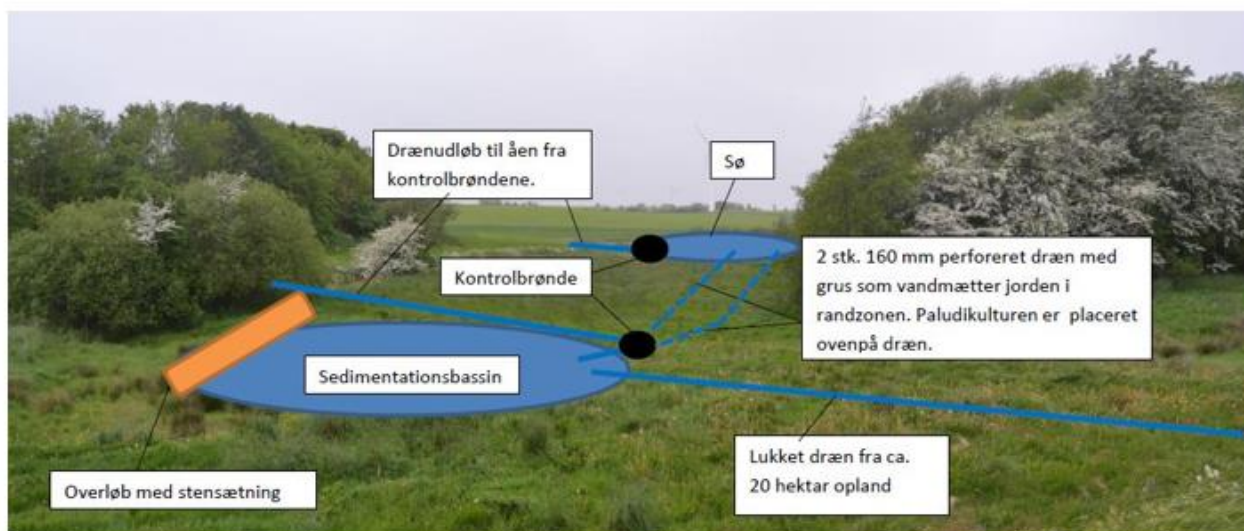




## Saturated bufferzone in catchment Hagens Møllebæk in Limfjord Catchment

In corporation with farmer Jesper Thomsen at Hagens Møllebæk the test pilot Catchment officer Anders Lehnhardt in 2016 found the site for the buffer. It was built in 2017 but not funded from WaterCoG.

A pond is receiving water from a field drain and letting water into drains so the water infiltrate the soil. The soil is wetted and planted with *Miscanthus giganteus* (a large, perennial grass). The water will then infiltrate into the stream. In case of high water flows the water will go into a next pond where there is connection to the stream.



Principskitse af miljøtiltaget





## Appendix 2



### WaterCoG workshop

Concerning test for catchment officers (oplandskonsulenter)

Centrovic November 10<sup>th</sup> 2016, Damsbovej 11, 5492 Vissenbjerg

Name	Institution	signature
FLEMMING-GERTZ	SEGES	
ANNE SLOTH	CENTROVICE	
MICHAEL LØVBAE	- "-	
KJELD PEDERSEN	Cefion	
Mikael K Samsoe	Gefion	
IRINEA WILBOG	SEGES	
Simon Bjørnholm	LMO	
BORGE O. NIELSEN	LMO	
ERIK Jørgensen	L&F	AFBUD !



### WaterCoG workshop

Concerning test for catchment officers (oplandskonsulenter)

Final workshop

SEGES January 24<sup>th</sup> 2017, Agrofood Park 15, 8200 Aarhus N

Name	Institution	signature
Simon Bjørnholm	LMO	
Mikael K Samsoe	Gefion	
Anders Lehnardt	Landbo Limfjord	
Tine Eide	SEGES	
Irinea Wilbog	SEGES	
Anne Sloth	Centrovise	
Borge O. Nielsen	LMO	
FLEMMING-GERTZ	SEGES	



## Appendix 3



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ti 01-11-2016 13:20

Agnete Suhr (NaturErhvervstyrelsen) <AGNESU@naturerhverv.dk>

SV: spørgsmål der kan stilles til møde om oplandskonsulenter

Til  Irene Asta Wiborg;  Flemming Gertz

Cc  Bjarke Stoltze Kaspersen (NaturErhvervstyrelsen);  Stine Wamberg Broch (NaturErhvervstyrelsen)

Hej Irene og Flemming

Vi synes det lyder fint de forslag I har.

I må gerne sende dagsordenen ud. Vi tænker at det bare er det med tidspunkter og aktivitet, og ikke hele drejebogen. Dvs. nedenstående oversigt:

Tid	Aktivitet
10.00-10.10	Velkomst og præsentationsrunde
10.10-10.20	Intro til oplandskonsulentprojektet
10.20-10.30	Erfaringer med oplandsrådgivning fra WaterCog-projektet
10.30-10.40	Intro til workshop
10.40-10.55	Oplandskonsulentens opgaver
10.55-11.00	Kort pause
11.00-12.00	Konkretiser hvad der ligger i opgaverne ift. minivådområder, efterafgrøder, og koordinering med vådområder og skovrejsning
12.00-12.30	Frokost
12.30-13.00	Barrierer for oplandskonsulentens arbejde
13.00-13.45	Ideer til at lave de bedste rammer for oplandskonsulentens arbejde
13.45-14.00	Afslutning

Med venlig hilsen

**Agnete Suhr**  
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