



# ***Introduction to AGWAPLAN***

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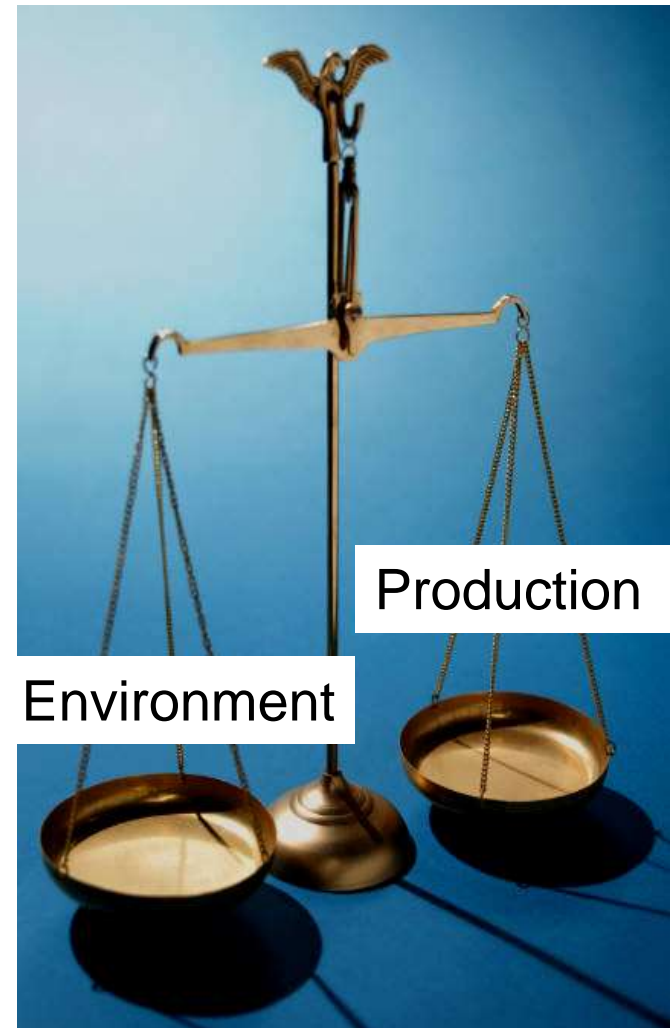


# AGWAPLAN- AGriculture and WAter PLAN

Find solutions to allow room for farming as well as for a cleaner water environment in the future.

Two key words:

- Cooperation
- Voluntary implementation





# Who are part of AGWAPLAN?

The project participants are:

- 22 farmers in 3 project areas
- 3 farmer's associations
- The Danish Agricultural Advisory Centre, National Centre
- 4 municipalities
- Environmental Centre Aarhus
- The Faculty of Agricultural Sciences, Aarhus University



# ***Project***

**Environmental objectives**– maximum load of N og P.  
Methods and models are developed and tested.

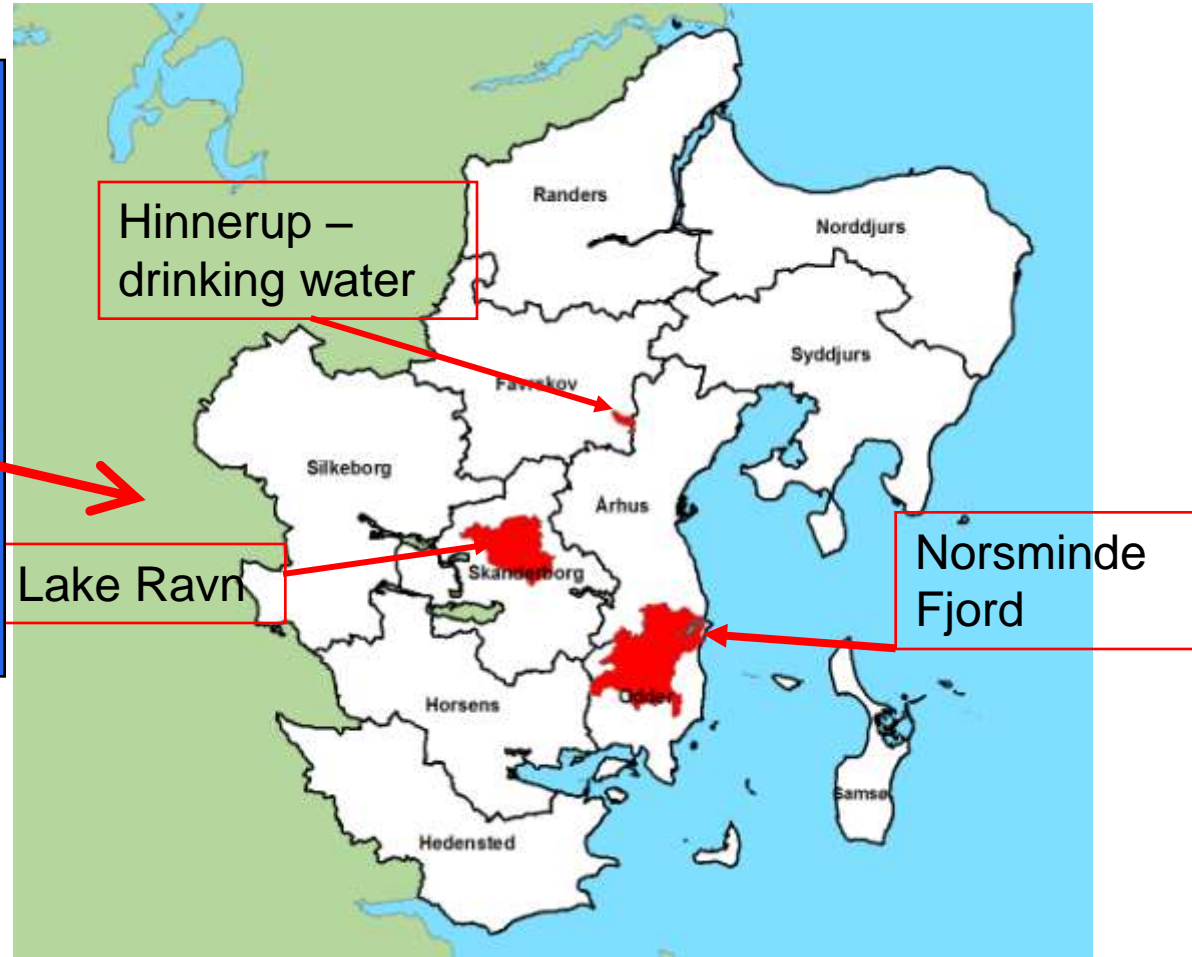
## **Integrated advising**

Better dialogue between environmental authorities and farmers.

GAP-manual, testing new measures.

**Guidelines** for the municipalities and agricultural advising

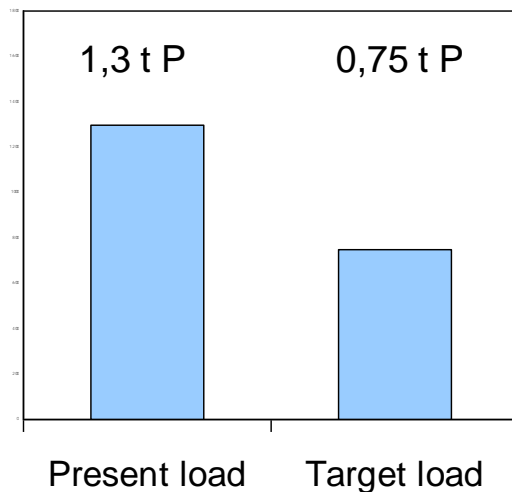
# Three Pilot Areas in AGWAPLAN





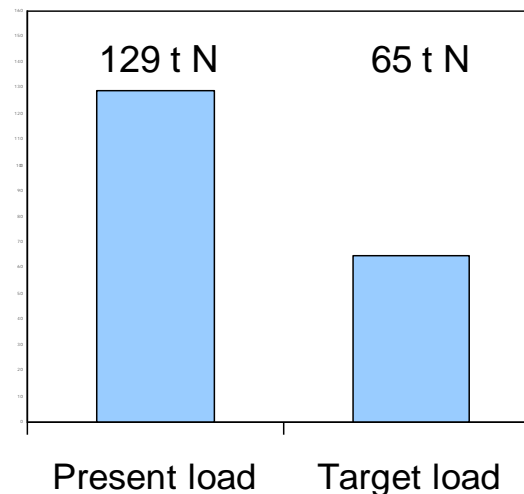
# ***The environmental goals according to the AGWAPLAN***

Lake Ravn  
(preliminary objective)



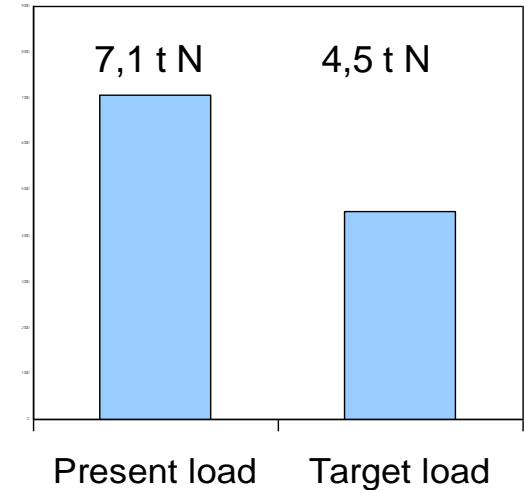
Reduction: 42%

Norsminde Fjord  
(preliminary objective)



Reduction: 50%

Hinnerup  
(drinking water)



Reduction: 36%

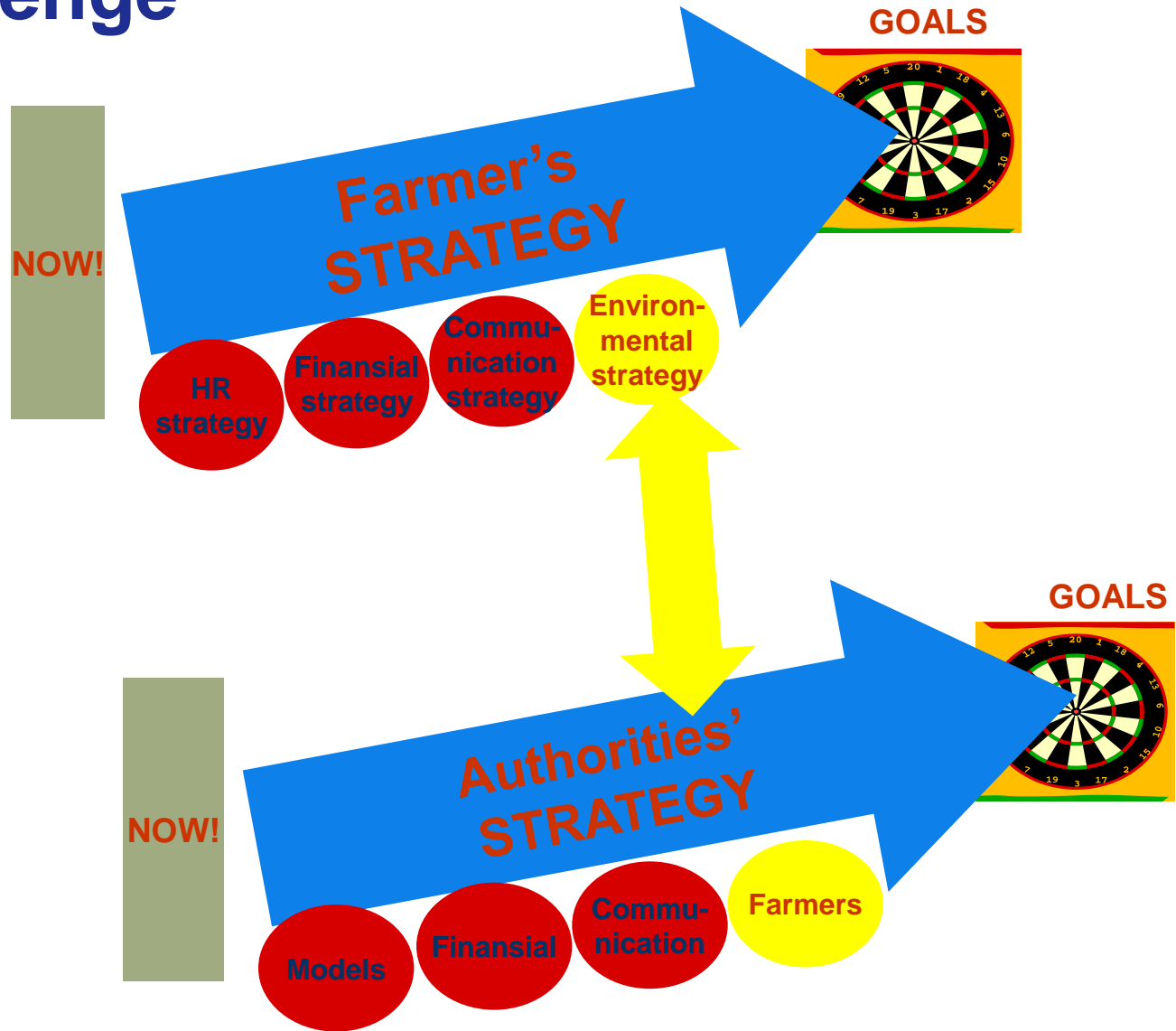


# Integrated Advising

- How does the cooperation between environmental authorities and farmers work?
  
- Tools used in Integrated Advising
  - Manual for Integrated Advising,
  - Good Agricultural Practice Manual,
  - Data Information System



# The challenge







# Tools



Concept for  
Integrated  
Advising on farm  
level and on  
catchment level

GAP (Good  
Agricultural Practice-  
manual)

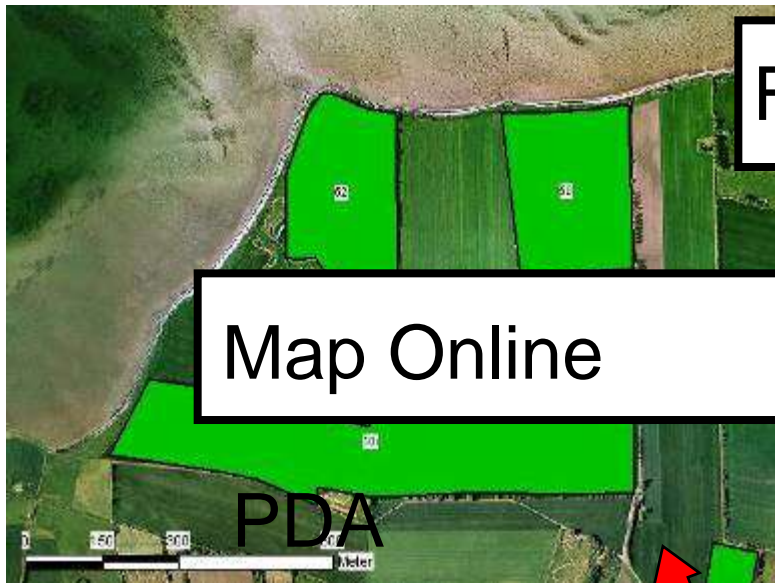
DIS  
(Data Information  
System)



# GAP-catalogue

Measures developed in cooperation between agriculture and authorities.

Approximately 80 methods for reducing N and P



Field Management



Advisor

DIS



Retailers

Environmental Authorities





# How can we achieve a good environmental status with success for society and farmers?

- Involve and motivate the farmers from day 1 and through the whole process
- The farmer needs to understand the environmental challenge for the farm
- Process where production, water, (nature, air and soil) are dealt with at the same time
- Co-operation creates cost effective benefits for environment



# If these conditions are fulfilled, then



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