

# Introduction to the urgent challenges for N regulation in Denmark

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- The vision from the Nature and Agricultural Commission
- The targeted regulation – setup for work
- Where do we see the most urgent challenges for finding a new and better way
- How can dNmark make a difference?

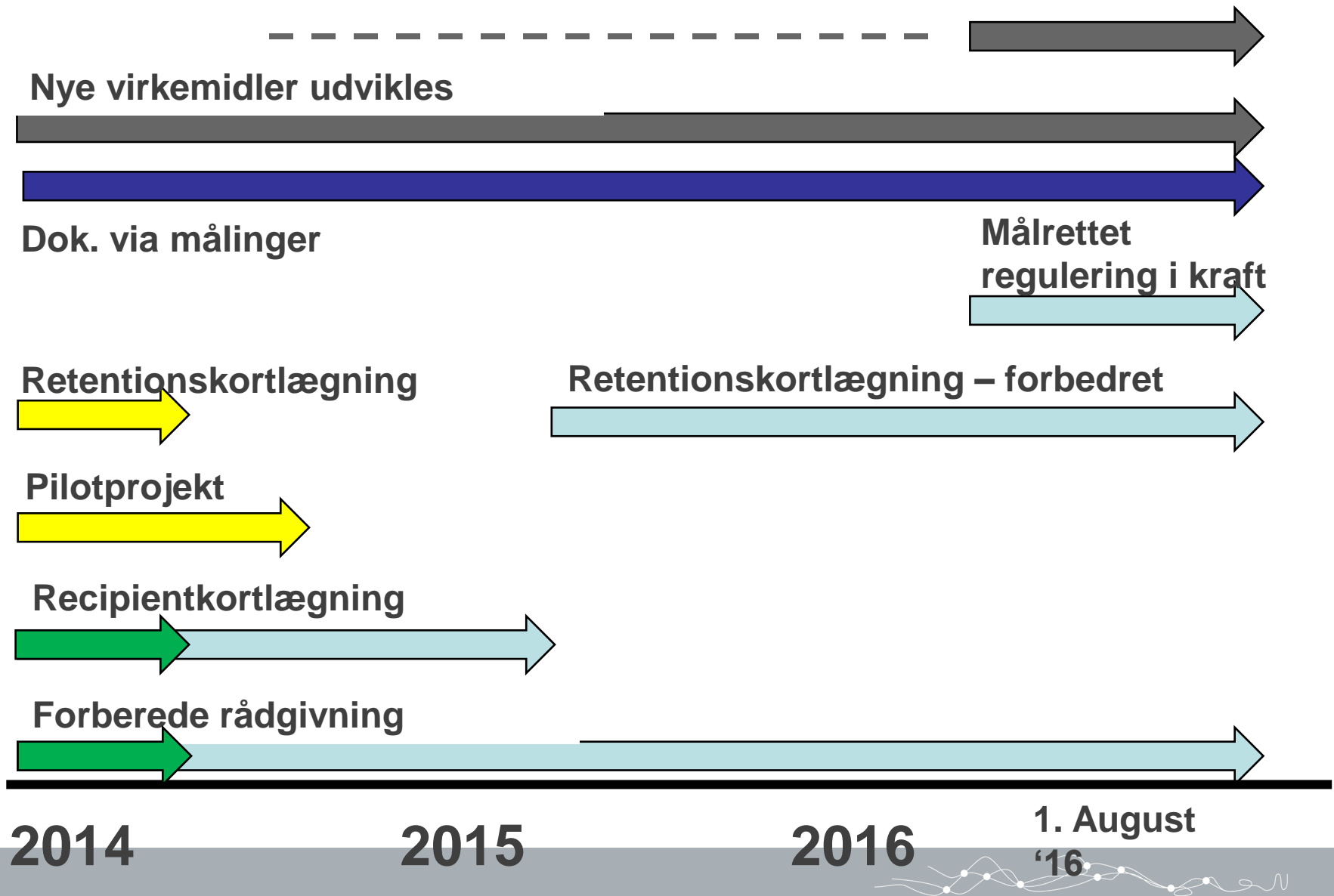


# The vision from the Commission on Nature and Agriculture

*Richer nature, new environmental regulation and new growth opportunities for agriculture*



# The targeted regulation – setup for work at KCA – feed back is needed now!



# Where do we see the most urgent challenges for finding a new and better way for N-regulation?

- Need for better documentation and motivation
- Acceptance of need for Nitrogen in farm sector
- Need for better understanding of effect of nitrogen in water environment
- What can be done in order to balance farm needs and clean water?
- How do we make a balanced focus on efforts in the water environment, on the edge, on the fields?
- How do we make setups, where we maximize the effect of targeted effort in the catchment? /optimize across farms / documentation on the spot/ make new differentiated N-measures/ new production lines/biogas...



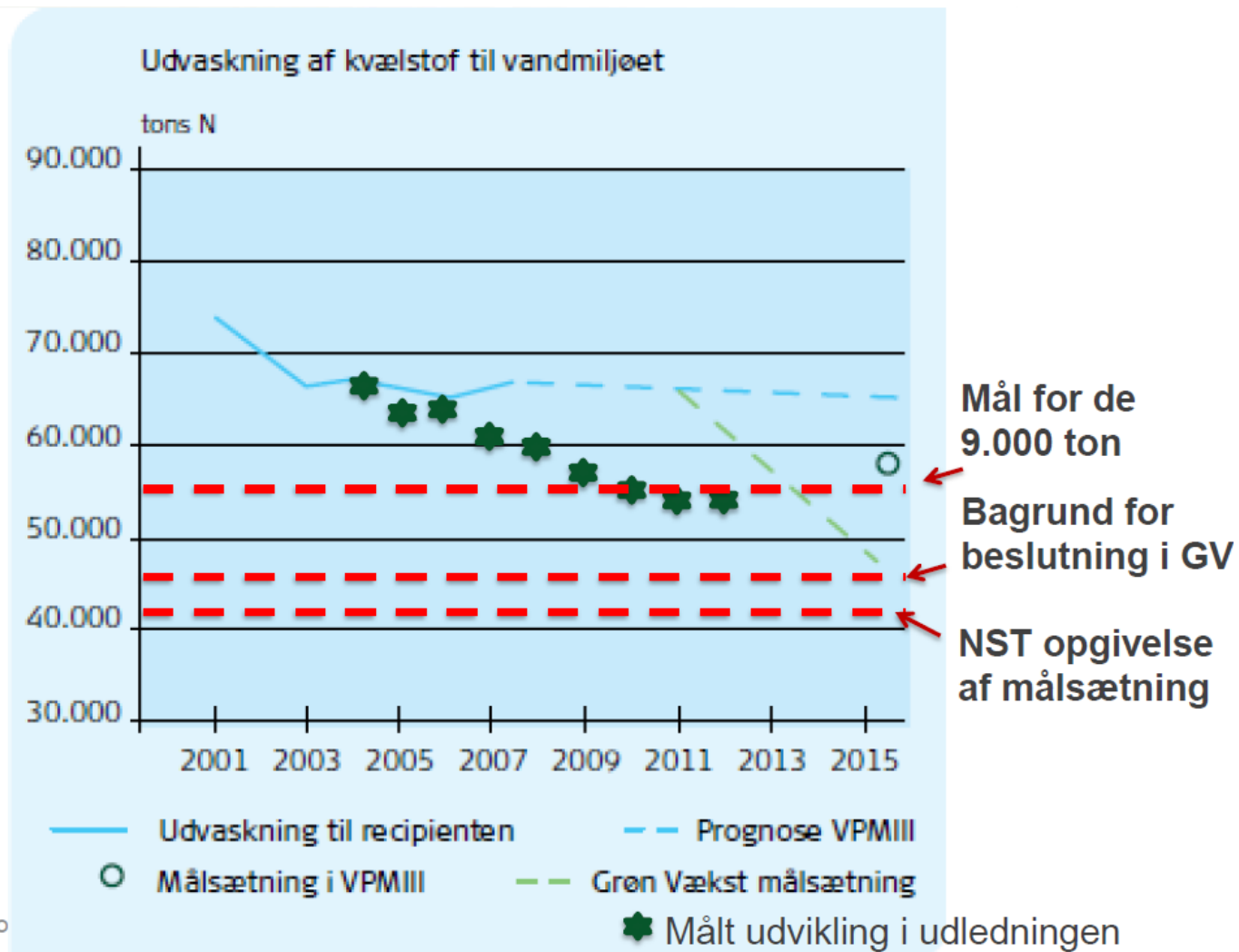
# Need for better documentation and information in order to motivate the farmers

- In the “pilot project” we have tested two regulation models. In the project there are a number of first learnings in the not finalized process
- Farmers demand ways to measure effect – due to lack of confidence to models.
- It's essential to create an understanding
  - for the needed effort in the recipients,
  - for the Nitrogen retention maps
  - for the effect of the instruments used to reduce the N-leaching
- Everybody must be able to see the goal behind the agri-environmental regulation
- Need for local knowledge based communication and involvement,
- Need for basic information about effect of N in water environment.



From an agricultural perspective its difficult to see why more reductions is needed in relation to N-regulation in Denmark





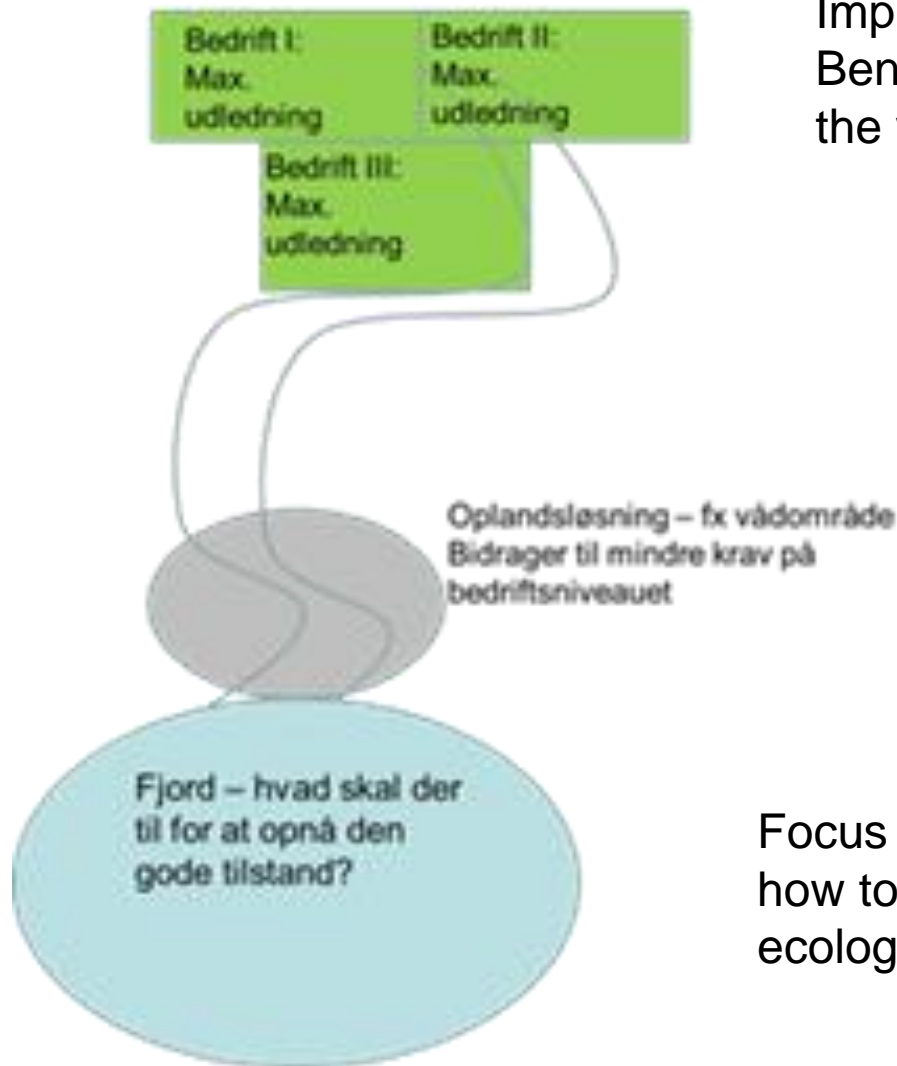


# Lack of N for the agricultural fields

- In Denmark we spread out Nitrogen = 18 pct. below economic optimum
- New regulation should take this into account and have as a target to find ways where more Nitrogen for the robust fields
- The targeted regulation should recognize that some recipients are able to absorb more N from the catchments



# Where to focus?



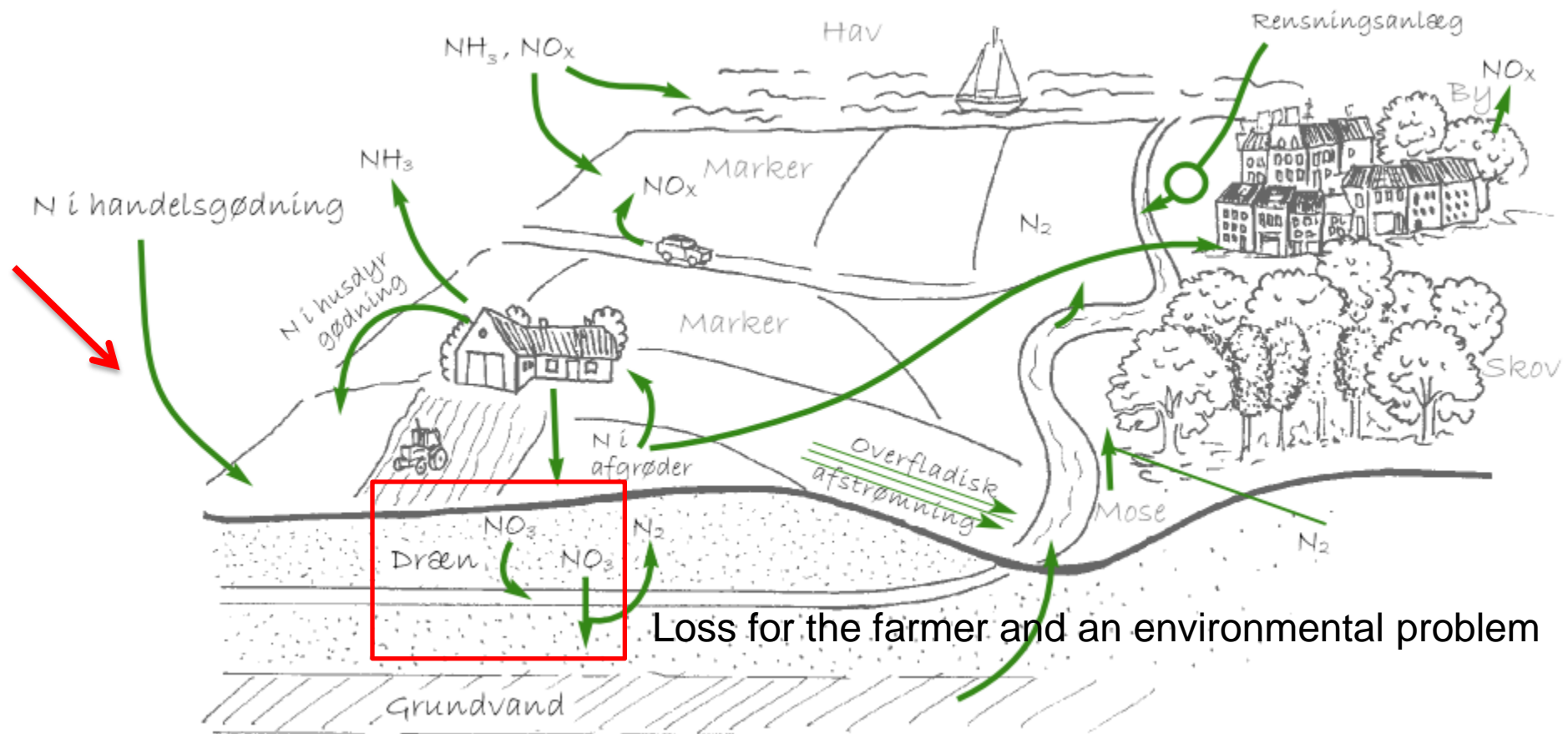
Improved ressource efficiency  
Benefit plant production and  
the water environment

Catchment solutions  
for mutual benefits  
(win-win)

Focus on the recipients –  
how to make good  
ecological conditions?



# The Nitrogen Cycle – don't forget the whole cycle



# How can dNmark make a difference?

- Can we contribute to a paradigm shift?
- **Growth through more innovation, research and development**
- A common platform where actors find solutions together (bottom-up)
- Local pilot areas
  - With room for win-win solutions
  - Where the farmers are awarded for being first movers
  - Where the farmers and other actors acts together for common benefit
- A culture based on trust and not on stick



# NO GOES

- Don't say that we have vulnerable fields = farms going bankrupt

