Ground water, irrigation and other future issues to cooperate on

Location:
Nilles Kro, Hadstenvej 209, 8471 Sabro

Thuesday, 29 January

Discussion about new projects and start up on ground water issues/irrigation issues

12:00 - 13:00 lunch

13.00 – 13.15
Welcome and short presentation round

13.15 – 13.45 Short introductions to the three possible projects:
- Sustainable farming (Henk Krift)
- Groundwater project (Rolf Johnsen)
- Water governance (Irene Wiborg)

13.30 – 15.00 Breakout sessions where we discuss the 2 – 3 project ideas:
- Sustainable farming
- Groundwater project
- Water governance

15 – 15.30 Coffee break

15.30 – 16.00 Next steps for the possible projects

Efficient sustainable water use/ irrigation

16.00 – 17.00 How is irrigation regulated? What are the barriers for optimal irrigation?
- How is irrigation regulated in Denmark? In the WFD-plans, through permits, etc.? specialist advisor Søren Kolind Hviid, SEGES
- How is irrigation regulated in the Netherlands? _____
- How is irrigation regulated in Germany? _____

General discussion on the challenges

18:00 Dinner at Nilles Kro

Friday 30 January

Efficient irrigation
9.30 – 11.00 visit at Peter Petersen's farm in southern part of Jutland at Engvej 40 6372 Bylderup Bov. Mr. Peter Petersen is working on efficient irrigation on his potato fields, etc.
Carl Heiselberg (one of farmers some of you met in Drenthe) will motivate some of the challenges in optimizing the irrigation strategy seen from a Danish perspective.

11.15 – 12.15: best irrigation practices in agricultural crops?
Presentation of irrigation tests in different crops. Results of using different irrigation systems.
Management systems for irrigation; experiences in using "PC markvand"
Visit at the experimental site at Jyndevad, Aarhus University, Mr. Ove Edlefsen,
Jyndevad Forsøgsstation, Flensborgvej 22, Jyndevad, 6360 Jyndevad

12.00 – 12.30: Strategy for how to manage irrigation in the best way, for the benefit of farming and for the benefit of the water environment?
There are a number of ways to predict the need for irrigation – sensors, internet based water balance account, PC Markvand, drones, satellites or different combinations of the different methods
What are the most promising ways?

12.30- 13.00: Next steps and evaluation

13.00 Lunch and goodbye

Participants – invited:

Rinke van Veen, Province Drenthe, NL (day 1 and 2)
Ben van Os, Province Drenthe, NL (day 1 and 2)
Jan den Besten, Hunzeenass, NL (day 1 and 2)
Arnout Venekamp, NL (day 1 and 2)
Henk Kieft, NL (day 1 and 2)
Dries van Rozen, Veenkolonien, NL (day 1 and 2)

Elisabeth Shcultz, LWK-Niedersachsen (day 1 and 2)
Christina Aue, OOWV, Landwirtshaft und Boden (day 1 and 2)
Silke Bucker, Waterboard of Oldenburg (day 1 and 2)

Rolf Johnsen, Central Region Denmark (day 1)
Jes Pedersen, Central Region Denmark (day 1)
Irene Wiborg, SEGES, DK (day 1 and 2)
Søren Kolind Hviid, SEGES, DK (day 1)
Carl Heiselberg, Farmer, DK (day 2)
Ove Edlefsen, Jyndevad, Aarhus University, DK (day 2)
Peter Petersen, Farmer, DK (day 2)
Flemming Gertz, SEGES, DK (day 1 and 2)