

How can a farmer earn more euros with less water?

Location:

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Tuesday, June 17th

12:00 - 13:00 lunch

13:00 – 13:30 Sensor-controlled advisory systems for farmers (Louis Nannes, DACOM, The Netherlands)

During the Aquarius/Watersense project the moisture content of the soil was made visible to farmers by the use of sensors. Data could be obtained daily by the farmers, at home on the pc. One of the goals of the project was to transfer the point information from the sensors to spatial information by using groundwater modeling. It appeared that the groundwater models were not detailed enough. Since then, however, developments have continued. Meanwhile, there has also been some research into the possibilities of sensors delivering information on the water quality.

13:30 - 14:00 Use of the irrigation planner (Bert Aasman, DLV Plant, The Netherlands)

Elsewhere in the Netherlands a sprinkling planner has been developed. The DLV irrigation planner is a decision-supporting tool for irrigation. Satellite data provides the farmer with the spatial information he needs. One disadvantage is that the satellite data is not always available.

14:00 – 14:30 Threats and opportunities of irrigation within the WFD (Denmark)

14:30 – 15:00 Coffee break

15:00 – 15:30 Discussion

We would like to end the presentations with discussion on some concrete questions from the presentations.

15:30 – 16:30 New developments in the field of efficient and sustainable water use by farmers

Short presentations (10 min) by each country on new developments in the field of efficient and sustainable water use by farmers or other linked topics on drought.

- Province of Drenthe; OWVV; Landwirtschaftskammer Niedersachsen; River Trust; KCA

16:30 – 17:00 Appoint promising developments for international projects based on the presentations

18:00 – 19:00 Visit to the Hunebedcentrum (Megalithic Museum)

<http://www.hunebedcentrum.eu/> with guided tour.

19:00 – 21:30 Dinner

Wednesday 18th June 09: 00-12: 00 h

9:00 – 12:00 Excursion to Research Farm in Valthermond.

PPO Valthermond is one of Applied Plant Research's test field locations.

PPO Valthermond is used to conduct research into arable farming, multifunctional agriculture and field production of vegetables. We will also visit a location with a steered drainage system and drip irrigation.

12:00 – 13:00 Lunch

End of meeting