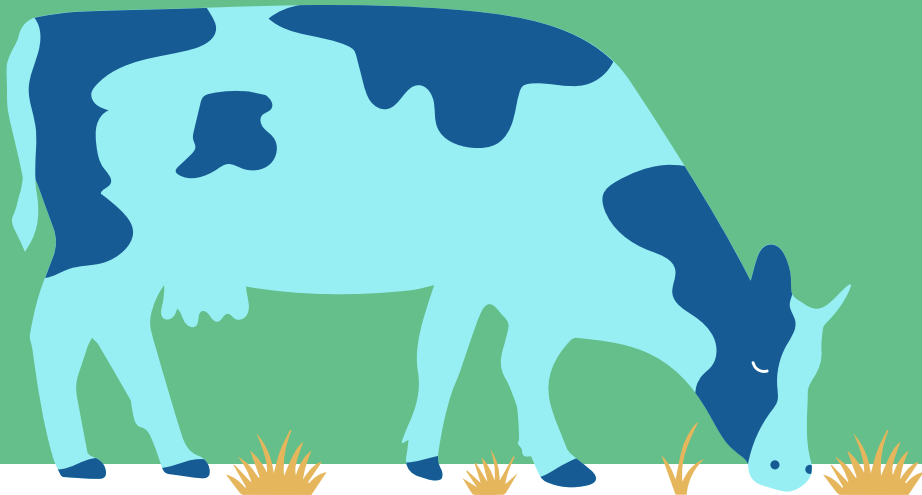


Maatalouden ympäristötiedon vaihtopäivät 26.-27.10.

Tervetuloa!



Euroopan unionin
osarahoittama

maaseutu.fi



Euroopan unionin
rahoittama

Mitä opimme eilen: työpajojen koonti

- Ravinteiden kierto ja ravinteiden kierrätys, Eliisa Malin, BSAG ja Anni Karhunen ELY-keskus
- Maaperän kasvukunto, Eija Hagelberg ja Jenni Jääskeläinen, BSAG
- Maatalous ja vesistöt, Pasi Valkama, SYKE, Pohjois-Pohjanmaan ELY-keskus: Rytönen Anne-Mari, Nuotio Eeva, Hillgren Essi, Henri Vaarala
- Maatalousluonnon monimuotoisuus, Paula Nykänen, Ruokavirasto ja Tuuli Orasmaa, MMM
- Maatalouden ilmastoteot ja hiiliviljely, Karoliina Rimhanen ja Sari Himanen, Luke
- Turvemaat, Hanna Mattila, YM ja Hanna Kekkonen, Luke
- Workshop in English: burning issues regarding agro-environment in Europe, Tiina Hartman, MMM

Ravinteiden kierto ja ravinteiden kierrätys

Soil nutrient cycle ja recycling

Innovations

- Technologies
- Logistics
- Will
- Knowledge
- Profitability

CO-OPERATION, RESPONSIBILITY



Maaperän kasvukunto - Soil health

Vision for 2030: All Finnish fields are in damn good condition.

Soil health problems in water management, soil structure and nutrient balances

Bottlenecks:

- some farmers' motivation
- lack of money for investments (soil health management)
- high amount of rental fields (value of soil health is not recognized)
- field parcel arrangements are needed

To achieve good soil health we need more involvement from stakeholders with experience in practice and administration.

Idea: Two-day innovation camp on soil health with agricultural experts

Maatalous ja vesistöt

Agriculture and waterbodies

Ways to advance water protection in agriculture

- Targeting measures to hotspot areas
- Sharing experiences between farmers
- Availability of the advisory services and expertise for water management
- Activating existing “drainage communities” in catchment areas

- 1) **Soil amendments**
- 2) **Catchment scale planning**
- 3) **Nature-based solutions**
- 4) **Wetlands and buffer zones**
- 5) **Knowhow and information needs**

Challenges

- Scattered funding instruments
- Need for persistent planning, cooperation, monitoring / Too short time frame in projects
- Need for attitude change

Needed knowledge

- Pointing concrete benefits for farmers
- Understanding of water flows in catchment area
- Long-term impacts of soil amendments and nature-based solutions

Maatalousluonnon monimuotoisuus (ruokavirasto.fi/lumo)

Biodiversity in agro-environment

What kind of **communication** is needed to increase **awareness** and **interest** in biodiversity in agriculture?

- For **farmers**
 - biodiversity in professional education
 - economic benefits from biodiversity action
 - listening to farmers in projects and governance
 - peer to peer networking
 - positive and encouraging communication
- For **advisors**
 - biodiversity education/training
 - networking
 - information gathered in one place
- For **authorities**
 - nationwide expert register
 - communication across sectors
 - understandable/simple language
- **Wild stuff!**
 - awareness of consumers
 - biodiversity-friendly products (Roosa-nauha)
 - TV series, podcast, YouTube stars
 - shepherd live camera
 - naked charity run?

Maatalouden ilmastoteot ja hiiliviljely Climate action and Carbon farming

Where are we now?

Progress has been made in making farmers' climate actions more visible in a positive way, increased interest in soil action, advancement in e.g. use of cover crops, renewable energy (biogas, solar energy) and circular economy solutions, crop rotations

What should we focus on?

- climate actions should be economically feasible and help improve farm profitability
- critical to secure the next generation of farmers: if there are no farmers, there are no climate actions
- increasing knowledge, dialogue and co-creation of climate actions in the whole value chain
- co-learning and knowledge sharing among farmers is key for advancing
- resource efficiency, renewable energy, diversity of farming and landscapes to help adaptation
- creating solutions fit to varying regional and local contexts
- gaining knowledge on the most effective solutions to halt emissions

What kind of projects are needed?

Farmer-oriented projects including small groups and field days to share experiences, regional development projects targeting young people, projects providing education and training on climate actions



Turvemaat

Peatlands

- How to reach targets in rewetting peatlands (most impact: nature restoration, climate wetlands, paludiculture)?
- need for information on the best places for rewetting, farming techniques, clear rules/guidance, good incentives, market opportunities
- need for watershed planning
- information on success stories and support from the community
- Which benefits to get from new measures?
- climate, biodiversity, water retention, place for birds
- hunting, tourism
- new business opportunities of new raw materials
- Image benefit for agriculture

Burning issues regarding agro-environment in Europe

CAP 2023-2027 cannot deliver all what is needed: Biodiversity is not preserved; nutrient are not recycled; farmers are not heard enough

→ Need to start developing better CAP for post 2027

Ensuring transfer of good practices among Member States requires time and effort → need to start exchanging asap

ENRD as a forum?