



Ministry of Economic Affairs



Soil management in climate change

Annet Zweep
Department of Agro and
Nature Knowledge
The Netherlands

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Need for sustainability: soil is the basis



- Sustainable economy
- Healthy food
- Beautiful, vital landscape (biodiversity)
- Climate adaptation and mitigation



Agricultural soils

- Soils and climate: biomasse production; carbon buffer; greenhouse gases
- In NL major part is permanent grassland; arable land with high production: sandy soils to heavy clay; drained peatlands with special care

Farmer is the maintainer of his land: responsibility

Knowledge important tool for good soil management: information and tools for farmers



Research a method to assess and realise policy

- Several Public-private research programmes: from fundamental to get the results into practice
- Soil is complex: more practical knowledge on organic matter, soil management and effect on greenhouse gasses
- Organic matter plays central role for sustainable soils and climate change



Important programme is PPS Better Soil management

- Wijnand Sukkel (panellist webinar) and Joeke Postma are coordinating.
- Individual and integrated approach of soil chemistry, physics and biology aspects
- Measuring: important to measure and link soil management to soil information.
- Organic matter, carbon cycle: central role
- Soil management and effect on greenhouse gases is part of research

Webiste: www.beterbodembeheer.nl

