



eip-agri
AGRICULTURE & INNOVATION

funded by



European
Commission

Christine Bajohr Operational Group 'KUHproKLIMA'



13-14 April 2021
EIP-AGRI Seminar 'Healthy soils for Europe:
sustainable management through knowledge and practice'

Problems addressed

Context

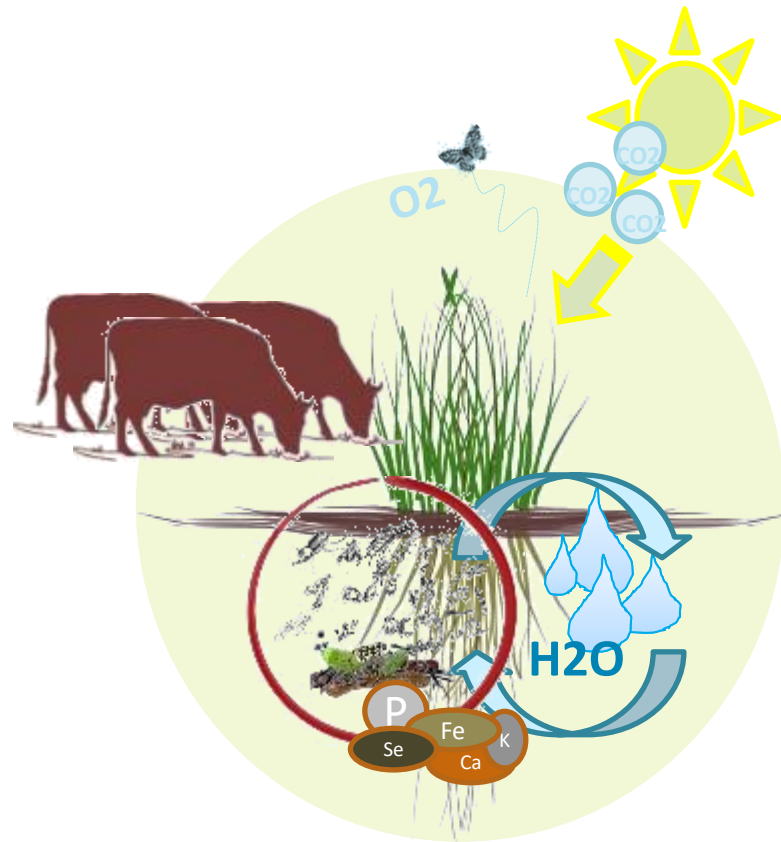
- Understanding the fundamental Ecosystem Processes

Main Problems

- Scientific approach
- No standardized recipes possible

Solution

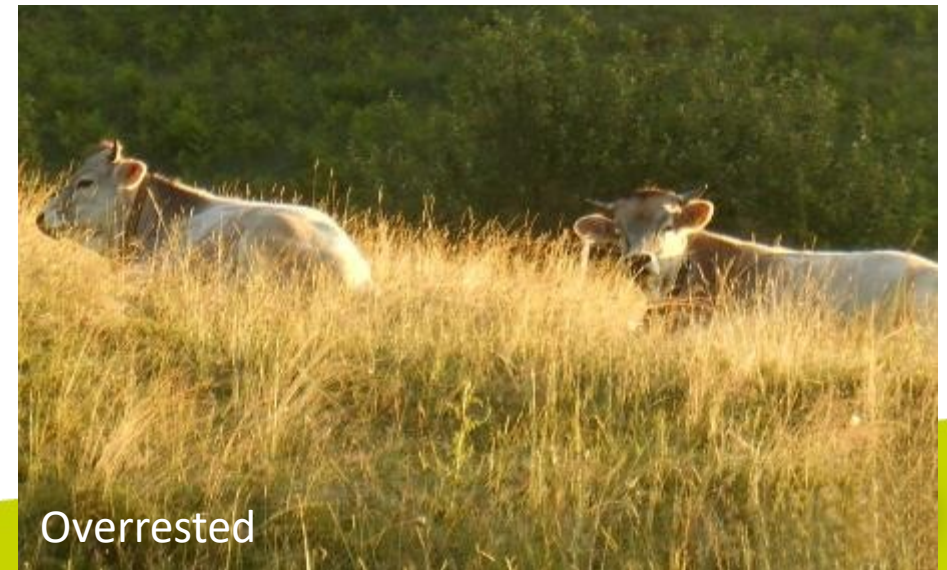
- More on-farm research
- Tackling the problems by getting into action



Ecosystem Processes



Overgrazed



Overrested

Solution testet



Implication of farmers in finding a solution

On the track of nature...

- ✓ Holistic Planned Grazing (A. Savory)
- ✓ Comprehensive workshops
- ✓ Soil assessment (Soilmentor)
- ✓ Soil Biology Management (E. Ingham)



maia grazing

vidacycle

Key learnings

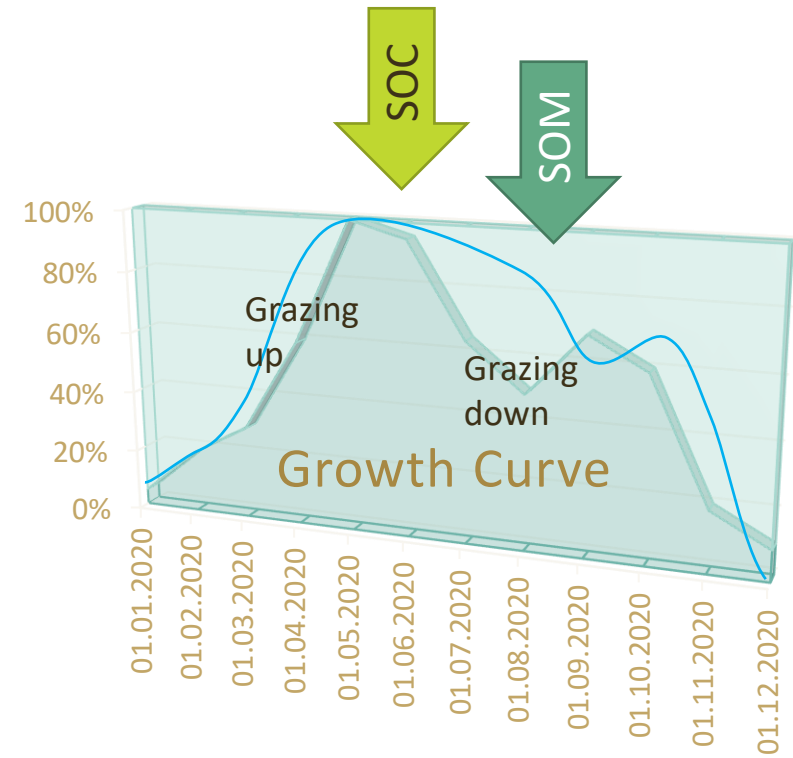
Doing the right things at the right time!

✓ Timing

✓ Herd effect

✓ Herd impact

✓ Herd behavior



Main outcomes

Creating win-win-win Situations

✓ Win

- High yield, low input
- Resilient and profitable farms
- Happy farmers



✓ Win

- Nutrient rich foods
- Extended grazing season
- Healthy and happy cows



✓ Win

- Biodiversity (wild life, soil life, plant species)
- Protection (weather extremes, evaporation,..)
- Healthy ecosystem





Innovative strategies for a resource-saving and resilient grassland management

3/2020 – 3/2023 (3/2026?)

OG-Grünland

- 8 grassland farms from Oberallgäu (Bavaria)
- 346 dairy cows
- Hans Lindner Foundation
- C. Bajohr, KugelSüdhangHof
- F. Hanko, Environmental Planning & Consulting
- 4 Scientific Assistents
- PIA (Promotion Association for Sustainable Management in Allgäu)

Cooperation partner

- ANL (Academy for Nature Conservation and Landscape Management, Laufen)
- TUM (Chair of Soil Science, Munich) >> [SOC/SOM/C:N/Aggregates Stability](#)

We want to set a milestone for sustainable agriculture that meets social, ecological and economic needs and is environmentally and climate effective in a positive sense.



EIP-AGRI seminar

Healthy soils for Europe: sustainable management through knowledge and practice

Online – 13-14 April 2021

All information of the seminar is available on
www.eip-agri.eu

On the event webpage
<https://ec.europa.eu/eip/agriculture/en/event/eip-agri-seminar-healthy-soils-europe-sustainable>

