



SmartROOT

Smart Farming Innovation Training

Transnational Workshop on Management and Education in Mixed Farming Systems

28 February 2023 13:00-16:00 CET
At University of Skövde

Register by sending an e-mail to Katarina.Segerkvist@slu.se, no later than 21 February

European farming is strongly affected by the high-impact of climate change emerging as a major threat on agriculture in Europe and across the world. Even though the digital transformation of agriculture promises to solve numerous environmental, economic and societal problems, and important steps have taken place towards this goal, agriculture sector is the least digitized of all major productive activities. By increasing digitalisation and adopting climate-smart practices in agricultural makes it possible to produce products with even higher efficiency and even lower environmental impact. However, adoption of a climate-smart agriculture is not only a farmers' concern. It is an interdisciplinary issue for agronomists, ICT experts, farmers, breeders etc. that Higher Education Institutions need to respond by developing new skills and technologies in their curricula.

The SmartROOT project focuses on the preparation of a new Joint Master Degree program in the field of Mixed Farming Systems (MFS) by introducing user-friendly ICT tools to improve the resilience of agriculture subject to climate change.

Program

13:00-13:10	Welcome <i>Lena Lidfors, Department of Animal Environment and Health, SLU</i>
13:10-13:30	Presentation of the project SmartROOT <i>Katarina Arvidsson Segerkvist, Department of Animal Environment and Health, SLU</i>
13:30-13:55	Precision agriculture <i>Mats Söderström, Department of Soil and Environment, SLU</i>
13:55-14:20	The Climate game: experiences from a development process that requires extensive collaboration <i>Christina Lundström, Department of People and Society, SLU</i>
14:20-14:40	Coffee

- 14:40-15:05 Digital animal welfare monitoring
Adrien Kroese, Department of Clinical Sciences, SLU
- 15:05-15:30 Responsible and sustainable AI in livestock production
Oleksiy Guzhva, Department of Biosystems and Technology, SLU
- 15:30-16:00 Panel discussion



Welcome!