



*Working Group on
Agricultural Engineering Technologies*



Programme and Invitation

Agricultural Engineering Community Achieving Visions with Horizon Europe

**Collaborative Workshop of ERA-NET ICT-AGRI-FOOD,
CAPIGI foundation, and the MANUFUTURE Sub-ETP Agricultural
Engineering & Technologies AET^{*)} in cooperation with the**

80th International Conference on Agricultural Engineering

LAND.TECHNIK AgEng 2023

<https://www.vdiconference.com/ageng/congress/>

by

Verein Deutscher Ingenieure VDI e.V.,
VDI Wissensforum GmbH,

and the

European Society of Agricultural Engineers (EurAgEng)

Date: Nov. 10th, 2023

Time: 8:30 – 15:30

Location: Convention Center (CC), Deutsche Messe AG, Hanover
Room 13/14 (and room 1 for joint plenary session)
Hanover, Germany - Exhibition Ground

Conference language: English

8:30 Registration and Welcome Coffee

^{*)} 10th Workshop of the MANUFUTURE AET-community

9:00

Section 1:

Agricultural Engineering Objectives

Chairman: **Prof. Dr. Peter Pickel**

John Deere, MANUFUTURE Sub-ETP AET

1. Research & Innovation in support of Agriculture Technologies – Instruments under Horizon Europe, the Digital Europe Programme
Dr. Doris Marquardt (requested), Programme Officer – EU Policies, European Commission, DG CNECT, Unit E4
2. Learnings from 4 years of piloting digital technologies across European farms
Dr. Srdjan Krčo, Co-founder & CEO of DunavNET
3. EIT Food – Catalyzing the food transformation in Europe
Nazanin Khayat, EIT Food key Account Manager

10:30

Coffee Break

10:45

Section 2: Reports from Agricultural Engineering Research Environment

Chairman: **Jens Fehrmann**, Technical University Dresden, General Secretary of MANUFUTURE Sub-ETP AET

4. Current EurAgEng-Structures
Prof. Dr. habil. Barbara Sturm, Leibniz Institute for Agricultural Engineering and Bioeconomy (ATB), Scientific Director, Chair of the Board - European Society Agricultural Engineers, President
5. ERA-Net ICT-AGRI-FOOD – Objectives, impact and future perspectives
Dr. Johannes Pfeifer, Federal Office for Agriculture and Food (BLE)
6. Activities of CAPIGI Foundation – Role of Data and Robotics in Agriculture
Tamme van der Wal, Dir. and Innovation Strategist, Agri-Dataservices BioScope
7. EU Funded Projects of the European Agricultural Machinery Ass. CEMA
Vanja Bisevac PhD, Research Manager, CEMA
8. Review of latest of MANUFUTURE AET and Strategic Research Agenda(s)
Prof. Dr. Peter Pickel, John Deere Fellow, Speaker of MANUFUTURE AET
Jens Fehrmann, Researcher, TU Dresden, Gen. Sec. of MANUFUTURE AET

11:55

Break

12:00

Joint Plenary Session with LAND.TECHNIK AgEng 2023

Room 1

Welcoming Addresses and Opening Remarks by

Dr. Markus Demmel

Chairman of VDI Max-Eyth-Society Agricultural Engineering (VDI-MEG)

Prof. Dr. Barbara Sturm

President of European Society for Agricultural Engineers (EurAgEng)

Hubertus Paetow

President of the Deutsche Landwirtschaft-Gesellschaft (DLG)

Plenary Speech – The future of responsible plant nutrition

Dr. Achim Dobermann

Chief Scientist, International Fertilizer Association (ifa)

Please note that this part is not on the video!

13:00 **Lunch Break**

13:30 **Section 3: Role of Data, Information, and Related Regulations in Agriculture**

Chairman: **Dr. Thomas Engel**, Member of Supervisory Board of EIT Food, John Deere GmbH & Co. KG

9. Towards Interoperable Data and AI Services in Agriculture

Dr. Sebastian Bosse, Fraunhofer Heinrich-Hertz-Institute

10. EU Data Act and the Nature Restoration Law

Patrick Majcen, Austrian chamber of Agriculture

11. The EU Data and AI Acts

Dr. Francesca Hennig-Possenti, Senior Legal Counsel, John Deere,
Chairwoman of the CEMA ad hoc group AI

12. AgrifoodTEF Services - Fostering Sustainable and Efficient Food Production

Dr. Henning Müller DFKI GmbH (German Research Center for AI), Competence
Center Smart Agriculture Technologies

13. Final words from Prof. Peter Pickel -

Review of latest of MANUFUTURE AET and Strategic Research Agenda(s)

Prof. Dr. Peter Pickel, John Deere Fellow, Speaker of MANUFUTURE AET

Jens Fehrmann, Researcher, TU Dresden, Gen. Sec. of MANUFUTURE AET

15:30 **End**