



CEMA TECHNICAL FORUM
VIRTUAL #CEMASummit 2021
14th of April

14.30 – 16.20h

Sustainable farming: achievements & challenges for advanced farm technologies

Achieving the EU environmental targets while staying competitive requires a transformation of mindset today for the agriculture of tomorrow. New technologies like digital farming, Artificial Intelligence and robotics are the new drivers for this transformation. Yet, technology uptake by farmers and lack of harmonized technical rules to endorse innovations remain the main bottlenecks to deploy the full potential of digital agriculture in Europe.

To discuss current technology developments and find out what's coming next for the ag machinery sector, the Technical Forum will feature interventions from CEMA industry experts, EU decision-makers and researchers that will discuss about:

- EU common rules for robotics in agriculture: how do you make safe and secure autonomous systems?
- New precision technologies for sustainable farming: is there a need for European harmonization?
- Digital agriculture: Who does What to ensure easy and secure data-sharing?
- What is the link between AI and data communication?

Moderator: Jennifer Baker



AGENDA

Opening speech by: Thomas Lorf, Chairman CEMA Technical Board, COO of CLAAS Tractors

14.30 – 15.20h

SESSION I: New technologies for a connected & smarter agriculture

Cloud-to-cloud communication for data-sharing, cybersecurity and AI are among the key technology trends that will be touched upon in this first session. Our speakers will share views and insights on the current situation in EU agriculture and beyond, how agricultural data can be managed in one single space or what is the best way to deal with the amount of data coming out from agricultural machines and practices.

Confirmed Speakers: Joost Vantomme – ACEA, Dr Stefan Stiene - DFKI Competence Center Smart Agriculture Technologies, Norbert Schlingmann – AEF. Dr Doris Marquardt, DG Agri – European Commission.

15.35h – 16.20h

SESSION II: Key conditions to roll out new technologies for a sustainable agriculture

In this session readiness of technology to support farmers' sustainable practices will take center stage. Our speakers will discuss about the remaining obstacles for some innovative solutions to take off and what is still needed at technical level to achieve a full deployment. A glimpse at the possible architectures for the future of agriculture will close the Technical Forum.

Confirmed Speakers: Wijnand Sukkel – Wageningen University, Cedric Seguineau - NAIO technologies, Prof. Dr Patrick Ole Noack, Agricultural system technology, Hochschule Weihenstephan-Triesdorf.

About CEMA

CEMA aisbl www.cema-agri.org is the association representing the European agricultural machinery industry. With 10 national member associations, the CEMA network represents both large multinational companies and numerous European SMEs active in this sector. The industry comprises about 7,000 manufacturers, producing more than 450 different types of machines with an annual turnover of about €40 billion (EU28 - 2016) and 150,000 direct employees.

CEMA companies produce a large range of machines that cover any activity in the field from seeding to harvesting, as well as equipment for livestock management.

CEMA Secretariat

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