



German – Japanese Online-Workshop “Smart Farming”

Date: Tuesday, 29th June 2021

Time: 9:00 am to 12:30 pm CET / 16:00 pm - 19:30 pm JST (online)

Language: German/Japanese with simultaneous translation

Host: Ministry for Economic Affairs, Labour, Transport and Digitalisation
of Lower Saxony/Germany

Organisation: ECOS

Cooperation partners:

- Agrotech Valley Forum e.V.
- Osnabrueck University of Applied Science

Supporter: JETRO

Participants: representatives of companies, research institutions and administration in Lower Saxony/Germany and Japan from the field of agricultural technology

Targets:

- Exchange of information on the current situation in the field of "Smart Farming" in Germany/Lower Saxony and Japan
- Presentation of demonstration/pilot projects in the field of "Smart Farming" in Lower Saxony and Japan
- Initiation of future information exchange and possible R&D cooperation
- Identify business opportunities

Background

Autonomous tractors, field robots that fertilise and harvest, and remote-controlled drones that plant and distribute selective pesticides - digitalisation has long since found its way into agricultural technology. The high-tech nations Germany and Japan are testing possible applications in ground-breaking demonstration projects and on various experimental fields. Interdisciplinary knowledge and competences are in high demand across national borders. Consequently, the G20 agriculture ministers have identified the digitalisation in agriculture as a central topic in international cooperation.

Cooperation in the field of smart farming and digitalisation in agriculture between both countries provides an interesting potential for mutual learning, R&D projects, regional cooperation as well as business opportunities.

In a bilateral online workshop, German and Japanese experts from science, industry and politics will exchange views on the respective potentials of digitalisation in agriculture, current strategies and innovations.

Stakeholders of the "Agro-Nordwest" experimental field in Lower Saxony will give an insight into ongoing projects. The Federal State of Lower Saxony hosts Germany's largest agricultural technology cluster, which includes the Osnabrück University of Applied Sciences and the University of Osnabrück, the German Research Centre for Artificial Intelligence (DFKI), as well as global players such as Claas, Amazone or Krone and numerous specialised, innovative medium-sized companies.

Thus, opportunities for R&D cooperation or strategic alliances with Japanese players and regions as well as business opportunities will be identified.

Registration is already possible:

https://www.ecos.eu/ja/veranstaltungen_j/details_j/smart_farming_j.html



Quelle: <https://www.freepik.com> / Food photo created by rawpixel.com

Programme

Japanese-German Online Workshop on “Smart Farming”

Time CET (JST)	Programme
9:00 (16:00)	<p>Technical introduction <i>Johanna Schilling, ECOS</i></p> <p>Welcome by the moderator <i>Benjamin Kowalski, Manager Farm, Food & Bio Economy, Innovationszentrum Niedersachsen</i></p>
9:05 (16:05)	<p>Greeting Addresses <i>Ralf Pospich, Head of investment Promotion and Foreign Trade, Ministry for Economic Affairs, Labour, Transport and Digitalisation of Lower Saxony/Germany</i></p> <p><i>Masaaki Takabatake, General-Director, Japan External Trade Organisation (JETRO) Berlin</i></p>
9:15 (16:15)	<p>Keynote: Promotion of Smart Agriculture <i>Kazuyuki Shimamura, Director, Research Promotion Division, Agriculture, Forestry and Fisheries Research Council, Ministry of Agriculture, Forestry and Fisheries (MAFF), Japan</i></p>
9:30 (16:30)	<p>Keynote: Current measures in Germany for the introduction of Smart Farming technologies <i>Dr. Steffen Beerbaum, Director, Application of Digitalization in Agriculture Division, Federal Ministry of Food and Agriculture (BMEL), Germany</i></p>
9:45 (16:45)	Q&A
10:00 (17:00)	<p>Agricultural Systems of the Future – Field Robotics in Practice <i>Prof. Arno Ruckelshausen, Faculty of Engineering and Computer Science</i> <i>Prof. Dieter Trautz, Faculty of Agricultural Science and Landscape Architecture</i> <i>Osnabrueck University of Applied Science</i></p>
10:15 (17:15)	<p>Fostering Human Resource and Entrepreneurship Education for the Development of Smart Agriculture through the Integration of Agriculture and Engineering <i>Prof. Takashi Gomi, Director, WISE program, Tokyo University of Agriculture and Technology (TUAT)</i></p>
10:25	<p><i>Before thinking about smart agriculture – What ist farm work?</i> <i>Prof. Kiyoshi Tajima(Recording), Faculty of Regional Environment Science, Tokyo University of Agriculture (NODAI)</i></p>

10:35 (17:30)	R&D in Smart Farming - Experimentierfeld Nordwest <i>Robert Everwand, Cluster Manager, Agrotech Valley Forum e.V.</i>
10:45 (17:45)	Q&A
11:00 (18:00)	Break
11:10 (18:10)	NTT Group's Initiatives Regarding Food and Agriculture <i>Takuya Murayama, Department Manager, Nippon Telegraph and Telephone Corporation (NTT)</i>
11:25 (18:25)	ISOBUS Solutions for Smart Farming <i>Frank Meyering, Managing Director, Competence Center ISOBUS e.V.</i>
11:40 (18:40)	Kubota's Smart Agri System <i>Dr. Satoshi Iida, Senior Technical Advisor, Kubota Corporation</i>
11:55 (18:55)	Smart Farming at Krone <i>Torsten Schiermann, KRONE</i>
12:10 (19:10)	Q&A
12:30 (19:30)	Concluding remarks/end