

# Space2Agriculture

INNOspace® Network – Space & Agriculture





### Brief description

The DLR Space Administration launched the INNOspace® initiative to bring the knowledge acquired from space research and industry to other economic sectors. This initiative is part of the German Space and Innovation Programme of the Federal Ministry for Economic Affairs and Energy, and part of the Federal Government's High-Tech Strategy 2025.

The INNOspace® Network "Space2Agriculture" is a new module of the successful INNOspace® initiative and provides a platform for communication between the space sector and agriculture. It aims to build and strengthen cross-industry networking, identify new opportunities for commercialisation, launch new technological collaborations, and initiate joint projects. Exchange with other sectors makes it easier to discover new ideas and promotes innovative products and processes through technology transfers.

Space2Agriculture is aimed at companies, universities, research institutions, organisations and authorities in the fields of space and agriculture.



### Facts and figures

- Launch meeting: 13/3/2019 in Bonn
- Duration: at least three years, from 2019 to 2021
- Over 70 network partners already involved
- 2-3 meetings per year for each working group
- One meeting for the entire network per year at the DLR Space Administration

#### Objectives of the network

- Innovation via cross-sector cooperation
- Initiation of joint research and development projects
- Identification of new commercialisation potential for space applications



### Uses and prospects

- Broadband satellite connectivity for the digitalisation of agriculture
- Earth observation for site-specific fertilisation and irrigation maps
- European Galileo satellite navigation system for precision farming
- Climate change and food security: current situation pictures for farmers
- Insurance analysis (e.g. in case of drought or flooding)
- Technology transfer (spin-offs and spin-ins): e.g. robotics, sensor systems, vertical farming



### Parties involved

DLR Space Administration, Federal Ministry of Food and Agriculture, Federal Office for Agriculture and Food, and companies, associations and start-ups in the areas of space and agriculture

3 GOOD HEALTH AND WELL-BEING



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



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