Bringing ROS to the agro-food sector

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Why robotics in the agro-food sector?
Aging population
Working population -9% until 2040
Climate Change
Ecological food
- 2012-16 ~47% market growth
- Less productive
Vertical farming

Urban farming
Robotics can help in many cases?!
More and more robot platforms
agROBOfood has three offers
For ROS enthusiasts:

- **ROS agriculture**

**Current goals:**

- Functional Safety for Agricultural robots
- Software Architecture/ Development
- Organizational structure – working with sponsors and adding groups
For SMEs:

Open Call

- 300 – 500k€ per project
- Consortia of 2 – 5 partners (SMEs)
- Call open March – May 2020
- +-6 projects will be funded

Open Source Software wanted

ROS
For service providers:

The agROBOfood network
- Currently ~100 partners and growth wanted

- Open to new partners:
  - Competence Centers
  - Digital innovation hubs

Your advantages
- Access to technology maps, market knowledge and standardisation activities

- Access to personal contacts in all areas of agrofood robotics
Core partners

Coordinator

Partners
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