

Smart AKIS

Smart Farming Network



smartAKIS
Smart Farming Thematic Network



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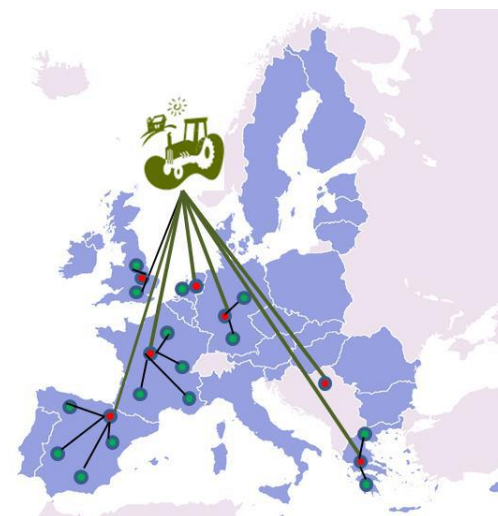
1. IN A NUTSHELL

- **TITLE: European Agricultural Knowledge and Innovation Systems (AKIS) towards innovation-driven research in Smart Farming Technology.**
- **BUDGET: € 1,997,731.25 by Horizon 2020**
- **TIME: 30 months, starting on March 2016.**
- **PARTNERSHIP: 13 partners from 8 countries, representing research, farmer community, advisory/extension services and the agricultural equipment industry**



THIS PROJECT HAS RECEIVED FUNDING FROM
 THE EUROPEAN UNION'S HORIZON 2020 RESEARCH
 AND INNOVATION PROGRAMME UNDER GRANT
 AGREEMENT N. 696294

SMART AKIS PARTNERS:



- Smart Farming Thematic Network promoted by EIP-AGRI and funded by EU's Horizon 2020 programme for:
 - ✓ Collecting existing scientific knowledge and best practices which are close to being put into practice, but not yet sufficiently ready for farmers to implement.
 - ✓ Translating this knowledge into easily understandable end-user material
- Involvement of a wide range of actors of the Agricultural Knowledge and Innovation Systems (AKIS) following a “multi-actor” approach:
 - ✓ Farmers,
 - ✓ Research,
 - ✓ Industry
 - ✓ Extension Services / Consultants / Advisors.

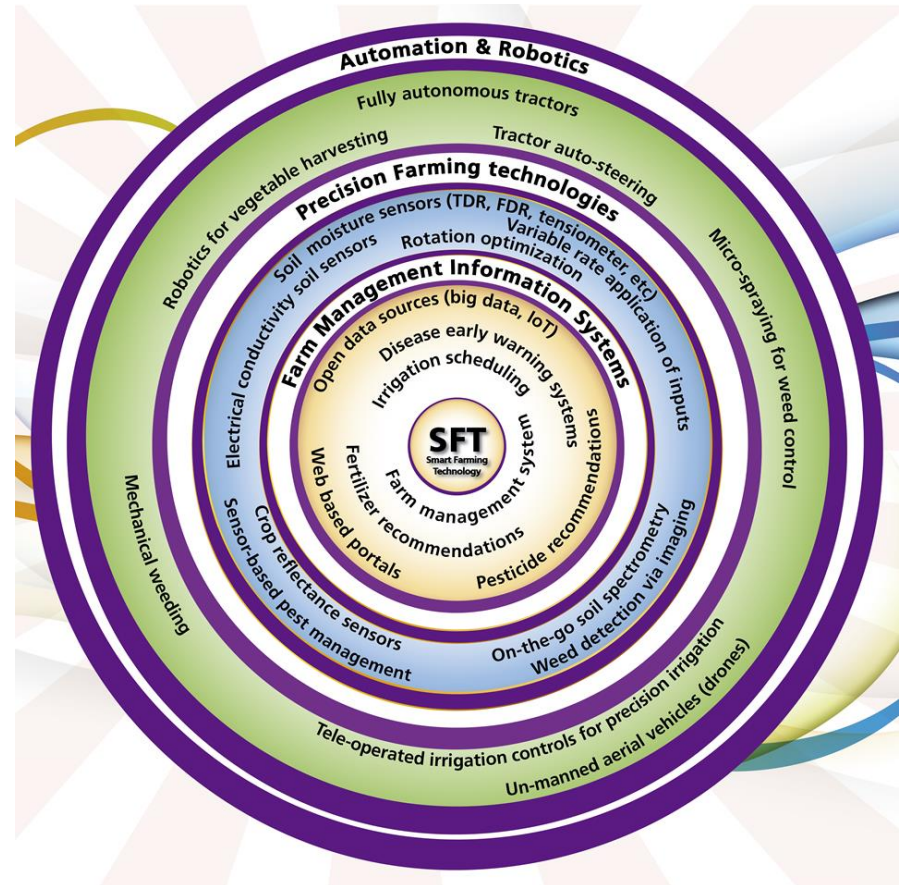
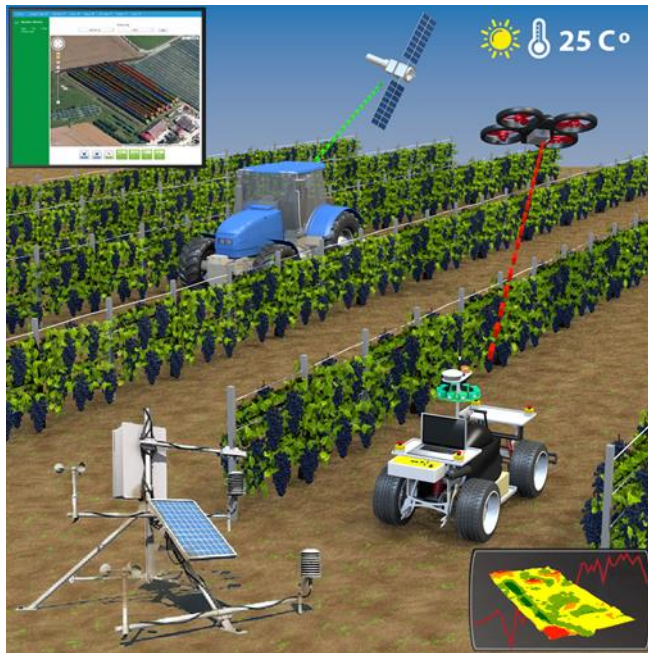


2. WHAT IS SMART FARMING?



Application of ICT into Agriculture, leading to a Third Green Revolution:

- Information Management systems.
- Precision Agriculture.
- Automation & Robots.





3. WHY SMART FARMING?

- Response to the global food challenge of feeding more than 9 billion people in 2050.
- Sustainability (resource efficiency) and competitiveness (increased yield) challenges of the European agricultural sector.
- Technological, social, regulatory and economic factors hinder the widespread adoption of Smart Farming in EU.
- A call for mainstreaming Smart Farming in Europe made in 2015 by EIP-AGRI.





4. OBJECTIVES & RESULTS

OBJECTIVES:

- **INVENTORY**: Create an inventory of direct applicable solutions from the large stock of research results and commercial applications.
- **ASSESSMENT**: Assess end-user needs and interests, and identify factors influencing adoption taking into account regional/national specificities.
- **INNOVATION HUBS**: Generate multi-actor, innovation-based collaborations and projects among farmers, research, industry and advisors.
- **SMART FARMING PLATFORM**: Set up an ICT tool for the on-line assessment of the Smart Farming solutions and the crowdsourcing of grassroots-level project ideas and needs.
- **NETWORKING**: Liaise with EIP-AGRI and its structures.

SERVICES:

ONLINE SMART COMMUNITY PLATFORM:

- Inventory of Smart Farming Solutions.
- Networking area for stakeholders.

REPORTS ON FARMERS NEEDS & INTERESTS ON SMART FARMING:

- Reports on needs of farmers from France, Germany, Greece, Netherlands, Serbia, Spain and UK.
- Report on factors hindering the adoption of Smart Farming in Europe.

INNOVATION HUBS:

- 7 Innovation Hubs created in France, Germany, Greece, Netherlands, Serbia, Spain and UK.
- Innovation Workshops held for generation of innovation and market uptake projects / adoption of Smart Farming solutions.

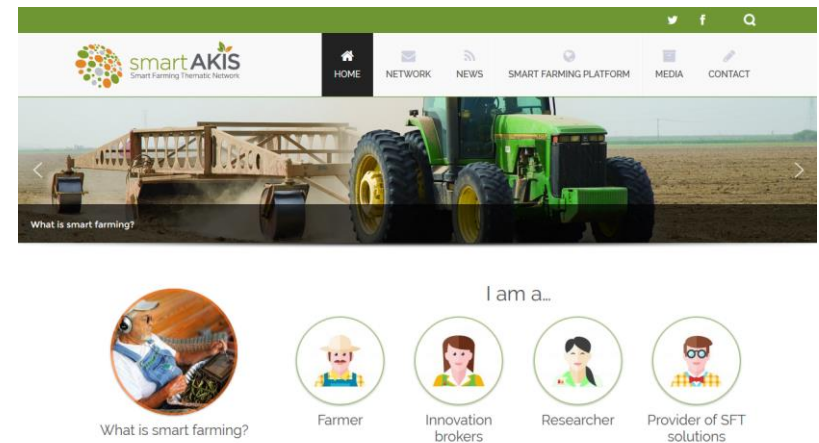
RESULTS IN FIGURES:

- 200 Smart Farming solutions showcased and assessed on Smart Farming Platform.
- + 50 Smart Farming solutions adopted by farmers and practitioners.
- 760 stakeholders engaged in 21 regional and 2 transnational Innovation Workshops through 7 Innovation Hubs.
- 35 collaborative innovation projects on Smart Farming.
- 10 transnational collaborative innovation projects on Smart Farming.
- 50 links created with Operational Groups.
- 700 users of the Smart Farming Community Platform.



5. FURTHER INFORMATION

- **WEBPORTAL:** www.smart-akis.com
- **FACEBOOK:** @SmartFarmingNetwork
- **TWITTER:** @smart_akis





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