Green Growth and ICT and Robotics

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1. About ICT-AGRI

Belgium
Cyprus
Denmark
Finland
France
Germany
Greece
Ireland
Israel
Italy
Latvia
Malta
Netherlands
Poland
Romania
Slovakia
Spain
Sweden
Switzerland
Turkey
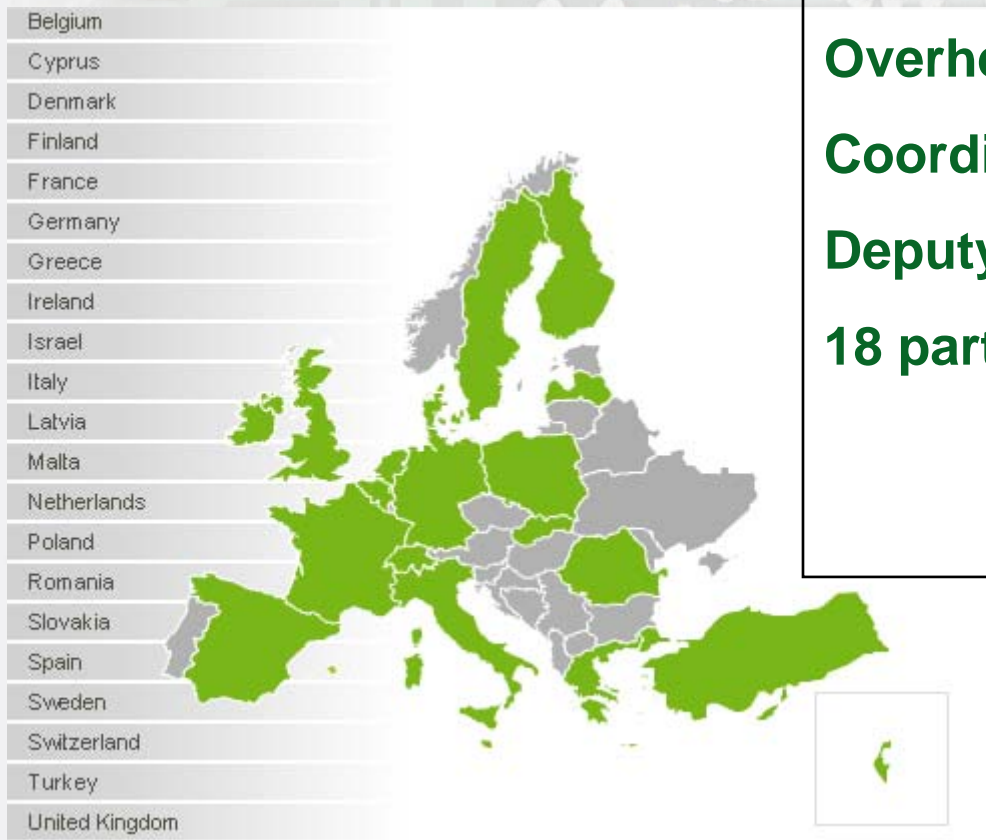United Kingdom

51 months : 1 May 2009 – 31 July 2013

Overhead funding: 2.3 Mio. €

Coordinator: Denmark

Deputy Coordinator: Germany

18 partners, 15 observers, 22 countries

www.ict-agri.eu
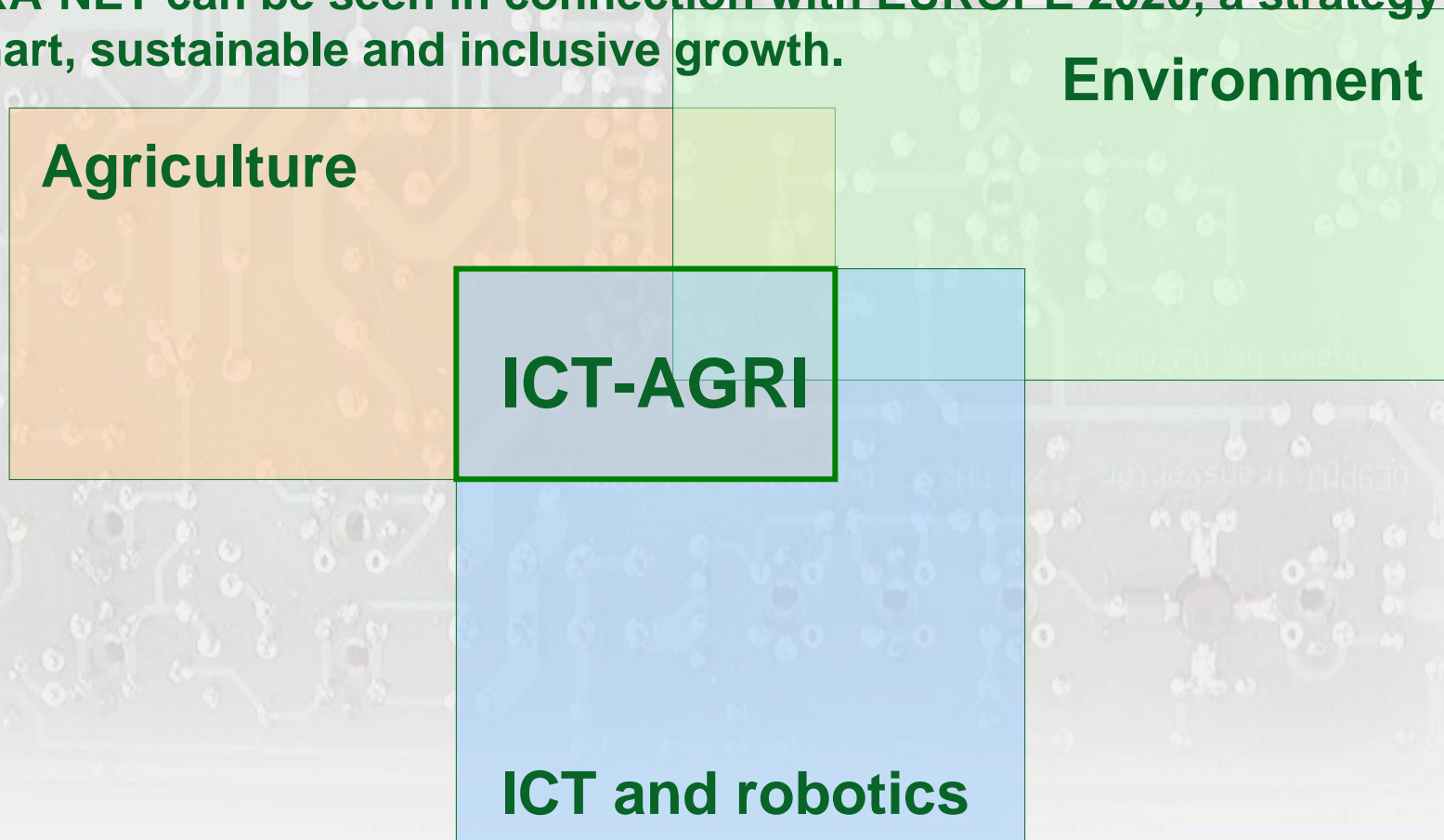
ICT and Robotics in Agriculture and related Environmental issues.
The ERA-NET is horizontal / cross thematic.
The ERA-NET can be seen in connection with EUROPE 2020, a strategy
for smart, sustainable and inclusive growth.

Environment

Agriculture

ICT-AGRI

ICT and robotics

3. New policy initiatives

- New CAP
- EUROPE 2020 (focus on green technologies and the use of ICT)
- EU Bioeconomy Strategy
- FP7/FP8
- European Innovation Partnerships and other innovation initiatives
- National Programmes/Strategies (Green Growth in Denmark)

4. ICT-AGRI goals

1. **A comprehensive publicly accessible knowledge base concerning Research and Development**

2. **A widely accepted Strategic Research Agenda**

3. **Three successful calls for transnational projects**

4. **Viable networks for funders as well as researchers and developers**

5. **Supplementary support actions for coordinated Research and Development**

5. Challenges

- More food for a growing world population

- More bio-energy for increasing energy demands

- Healthy and secure food

- Sustainable management of natural resources

- Animal welfare and other ethical aspects

- Decreasing and ageing rural populations

- Competitive food and bio-products

No matter which solutions,ICT and automation will be needed

6. First call 2010

Integrated ICT and automation for sustainable agricultural production

- **Total funding** €3,130,000
- **Participating countries** 14

- **Call launch** 15 April
- **Pre-proposals** 31 May
- **Full proposals** 17 September
- **Notification** 15 November
- **Project start** 31 December

6.2 First call pre-proposals

- **Submitted pre-proposals**   **44**
- **Funding applied for**   **€18.647.000**
- **Own funding**   **€ 2.833.000**
- **Invitations for full proposals**   **14**

7. Conclusion

1. ICT, automation, robotics and environmental technologies will be needed in the future

2. High-tech solutions are needed in order to be able to produce agricultural products economically in accordance with environmental requirements

3. Networks and cooperation should be established at many levels. Between universities, companies, funders etc.

4. Collaborative models for sharing knowledge and infrastructures between entities and reducing research cost must be established

5. Inspiration and new ideas will often come from other sectors. A holistic view will be needed

Thank you for your attention
Niels Gøtke

More info: www.ict-agri.eu