



SMART REGIONS 2.0 Conference

Maximising Europe's innovation potential

1-2 June 2017

Messukeskus Expo and Convention Centre
Helsinki, Finland

@EU_Regional #SmartRegions



S3P AGRIFOOD on TRACEABILITY AND BIG DATA

Esperanza Perea Acosta
esperanza.perea.acosta@juntadeandalucia.es

Smart Regions 2.0 / Helsinki, 1 June 2017

Regional Ministry of Agriculture, Fisheries and Rural Development of Andalusia

The European Agri-food sector



- 10,8 MILLION FARMS



- 290.000 AGRI-FOOD INDUSTRIES



- EXPORTS €129 BILLIONS (2015) TO THE REST OF THE WORLD



- EU: 500 MILL. CONSUMERS

Challenges of the Agri-food sector

To ensure sustainable growth, based on a low-carbon and more efficient economy

AGRI-FOOD SECTOR CHALLENGES

To improve competitiveness and redress the imbalances in the agri-food value chain through innovation

To ensure healthier and safer food for all citizens and fitted to their new life style and habits



Mission of the S3P Agri-Food on T&BD

The thematic partnership on “Traceability and Big Data” encourages the creation of an ecosystem to support innovation and digitisation of the agri-food sector in Europe



Framework of the S3P Agri-food on T&BD

TRACEABILITY

- Traceability of **data or set of data** for a specific purpose (prediction, price...)
- Traceability of a **process** for a specific purpose (e.g. cold chain)
- Traceability of a **product** (e.g. consumer information)

BIG DATA

- Technologies based on data
 - Technologies based on applications
 - Enabling tools (KETs)
 - Cognitive and content aggregation technologies and decision-making tools
- IoT, data mining, sensors, drones, robotics, artificial intelligence, machine learning, Open Data, Cloud, Blockchain, Interoperability, measuring and predicting behaviour

Thematic Partnership building. How?

Political Decision of Andalusian Government (July 2016)

EU Commission support (August 2016)

○ **FIMART CORDOBA (October 2016)**

Launching of the S3P Agri-food. FLORENCE (Dec 2016)

○ **1st Andalusian Partnership Meeting. SEVILLE (Feb 2017)**

○ **1st Pays de la Loire Meeting (Feb 2017)**

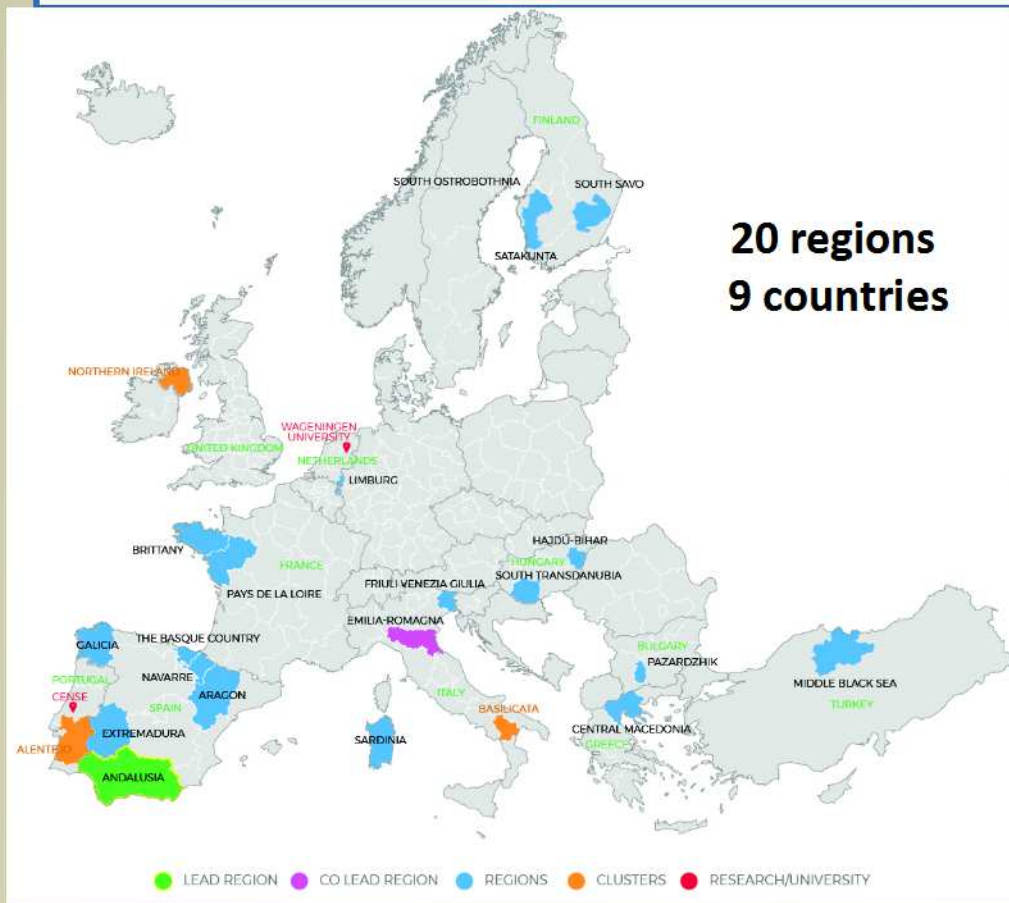
○ **Digital innovation Hubs. THESSALONIKI (March 2017)**

1st Technical Meeting S3P Agri-food on Traceability and Big Data. SEVILLE (March 2017)



- **EIP-AGRI DATA SHARING.** Bratislava (Slovaquia), April 2017
- **FUTURIUM.** Contributions to Digital European Industry (DEI) Initiative. WG2
- **Smart Regions with Smart Robots.** Brussels (Belgium), May 2017
- **Smart Regions 2.0.** Helsinki (Finland), June 2017
- **Digital Innovation Hubs.** Kilkenny (Ireland), June 2017

S3P Agri-food on T&BD: a network of Regions



LEAD REGION

Andalusia (ES)

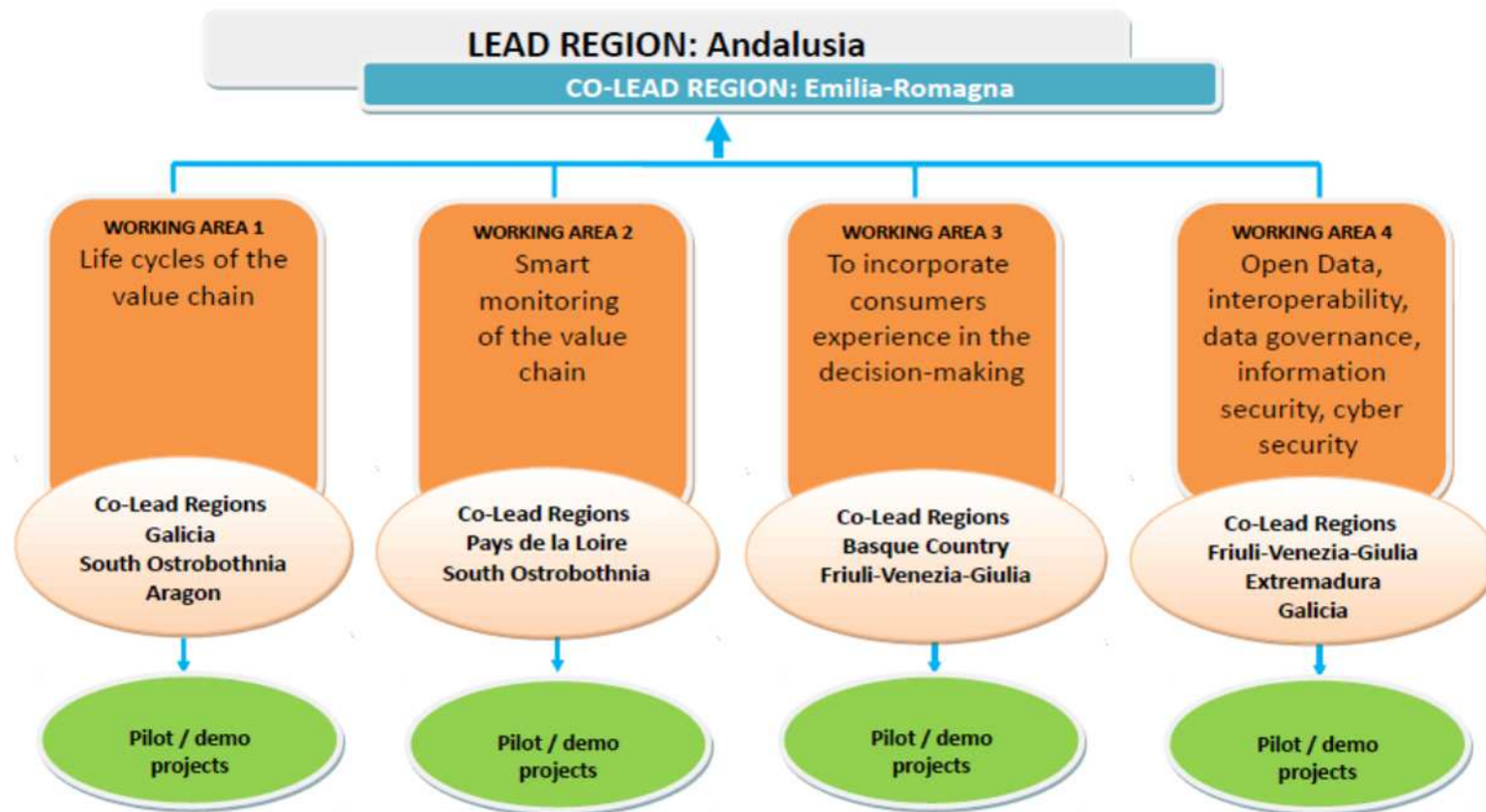
CO-LEAD REGION

Emilia Romagna (IT)

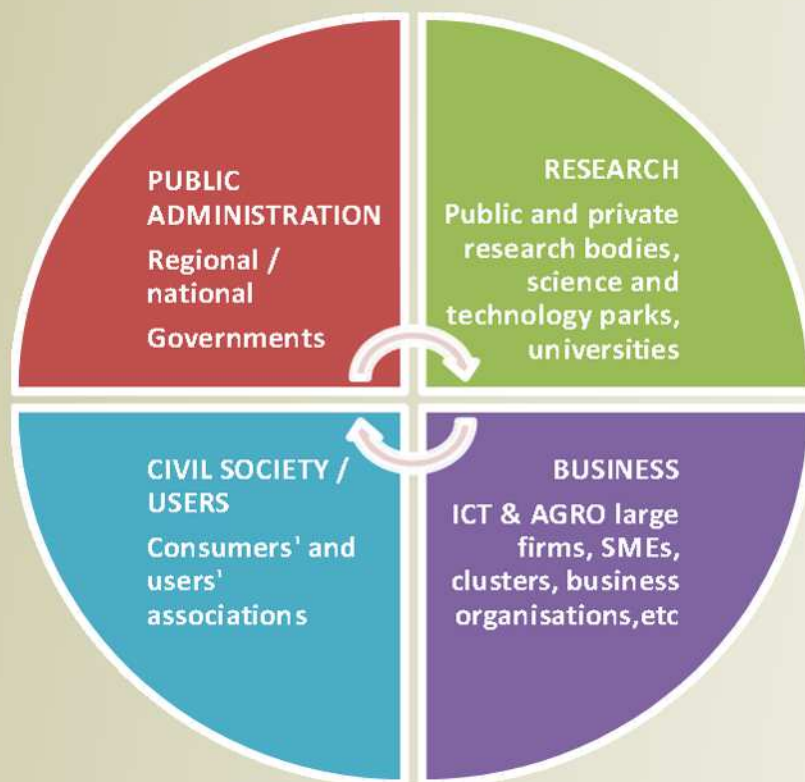
PARTICIPATING REGIONS

Aragon (ES)
 Basque Country (ES)
 Brittany (FR)
 Central Macedonia (GR)
 Extremadura (ES)
 Friuli Venezia-Giulia (IT)
 Galicia (ES)
 Hajdu Bihar (HU)
 Limburg (NL)
 Middle Black Sea (TR)
 Navarre (ES)
 Pays de la Loire (FR)
 Pazardzhik (BG)
 Sardinia (IT)
 Satakunta (FI)
 South Ostrobothnia Region (FI)
 South Savo (FI)
 South Transdanubian, Tolna (HU)

S3P Agri-food on T&BD Interregional Governance



Regional governance: clusters, nodes, hubs ...



The Andalusian Partnership (88 members)

- **7 public authorities**
- **20 research institutions**
- **39 ICT businesses**
- **21 Agro businesses**
- **1 Consumers' association**



European
Commission

S3P Agri-food on T&BD: Results



S3P Agri-food on T&BD: Impact

- ✓ **Political commitment of 20 regions** and their research centres, clusters, universities and enterprises
- ✓ **Political priority for the Lead Region** to the highest level
- ✓ **Specific task force at regional level**, in both the Lead and Co-lead regions
- ✓ Involvement and shouldering of **responsibilities and funding** of 9 regions throughout the four working areas
- ✓ Positioning **the agri-food sector as the cornerstone** of the European Political Agenda in innovation and digitisation

S3P Agri-food on T&BD: Difficulties

Improving connections between these partnerships and other European policies and putting in place collaboration and links with different DGs of the EU Commission.

- ✓ The member regions agree on the need of having **specific financial support** for these partnerships and related-activities.
- ✓ Regions have **different priorities, speed, structure and competence** and also different **capacity to allocate funds**.

S3P Agri-food on T&BD: Proposals for action

- ✓ **Specific funding** and redirecting and adapting European funds and programmes, such as Interreg and H2020
- ✓ **Coordination structures and tools.** European contact points with EU Commission
- ✓ **Online web platform** for working together



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