



S3P AGRIFOOD

Thematic Partnership on TRACEABILITY AND BIG DATA

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Regional Ministry of Agriculture, Fisheries and Rural Development of Andalusia

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1. Background

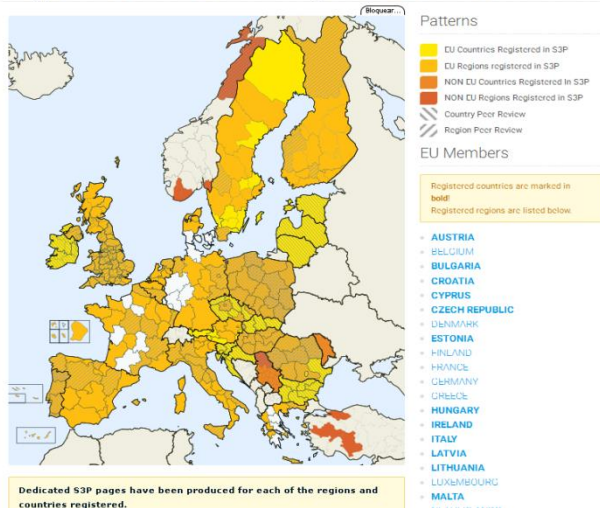
1. Background: S3P Thematic Platforms

The European Commission has launched three **S3 THEMATIC PLATFORMS: AGRIFOOD, ENERGY AND INDUSTRIAL MODERNISATION**, with the aim to promote sustainable development of Member States through **innovation**

S3 Platform

Join S3 Platform
Registered Regions
Minor group
Steering team
S3 team
Newsletter

Registered countries and regions in the S3 Platform



They will be developed and co-
led by regions to ensure an
active role and commitment of
industries and clusters,
research and educational
institutions, public
administrations and civil
society.

<http://s3platform.jrc.ec.europa.eu/>

1. Background: : S3P Agri-food Thematic Platform



Thematic Platforms

Thematic Platforms

Agri-Food

- Expression of interest
- High Tech Farming
- Traceability & Big Data
- Bio-Economy

Agri-Food

Flash News

Kick-off event of S3P - Agri-Food took place on the **6-7 December 2016** in Florence, Italy.

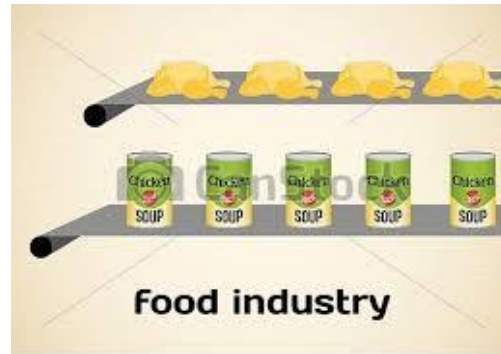
This meeting resulted in the first group of partnerships formally joining the Agri-Food S3 Platform as members. At the same time, it resulted in agreed working arrangements to prepare partnerships in thematic areas and establish a project investment pipeline, in particular for pilots and demonstrators in the targeted areas. The European Commission is committed to develop support and advisory services to accelerate this project pipeline.

Presentations are available [here](#).

1. Background: European Agri-food sector



10,8 MILLION FARMS



290.000 AGRI-FOOD INDUSTRIES



**EXPORTS €129 BILLION (2015)
TO THE REST OF THE WORLD**

UE: 500 MILL. CONSUMERS



1. Background: Why a thematic area focused on Traceability and Big Data?

Compulsory Food Safety (Regulation 178/2002)

“The ability to trace and follow, through all stages of manufacture, processing and distribution, a food, feed, food-producing animal or substance that are intended to be, or expected to be incorporated into a food or feed ”.

- Food quality
- Private standards schemes
- Fraud control
- Process control



TRACEABILITY

INTERNAL

EXTERNAL

1. Background: Why a thematic area focused on Traceability and Big Data?

Traceability of data or set of data for a specific purpose (prediction, price...)

Traceability of a process for a specific purpose (ej. cold chain)

Traceability of a product (ej. consumer information)



**TO RESPOND TO AN IDENTIFIED
NEED
PARTNERSHIP TOPICS**

2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

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Launching of the S3P Agri-food

MEETING IN FLORENCE (Dec 2016)
More than 150 participants

Strengthening and validation of the Scoping Note

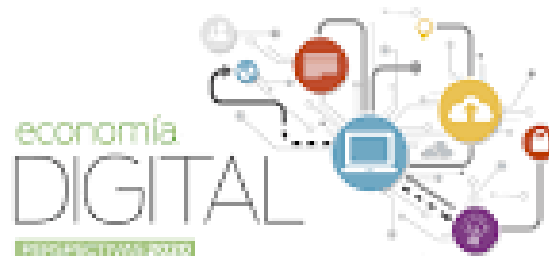
Strategic AGREEMENTS on:

- 1) Scope and objectives**
- 2) Topics**
- 3) Schedule and working plan**

2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

OVERALL OBJECTIVE

The thematic partnership aims at encouraging, motivating and facilitating the incorporation of necessary digital technologies in agri-food sector value chains to make progress towards digital economy



2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

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

2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

Process: **Learn** - **Connect** - **Demonstrate** - **Commercialise**



FORTHCOMING EVENTS (1-2 June 2017)

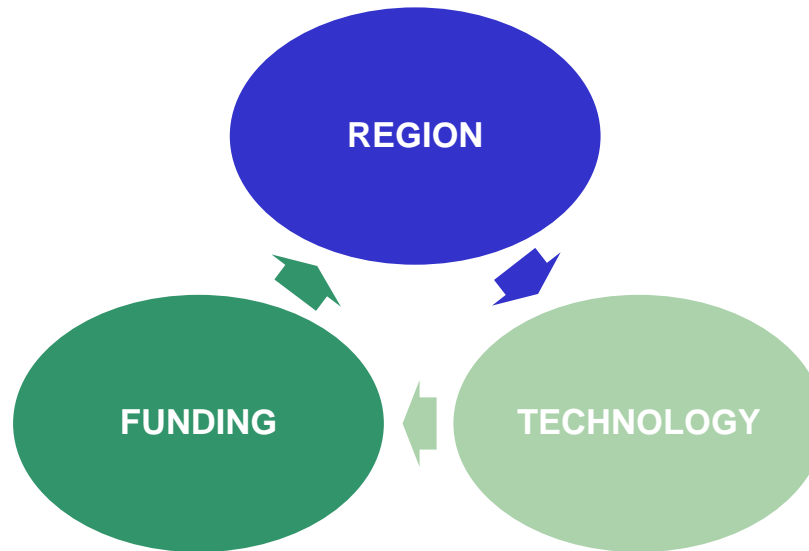
- **HELSINKY** - S3 Platforms strengthening event
- **IRELAND** - "Digital Innovation Hubs: mainstreaming digital agriculture" Conference

2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

DIGITAL INNOVATION HUBS

DG AGRI

Support facility that helps companies to become more competitive by means of digital



DIGITAL TECHNOLOGY HUBS = INVESTMENT TRIANGLE



2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

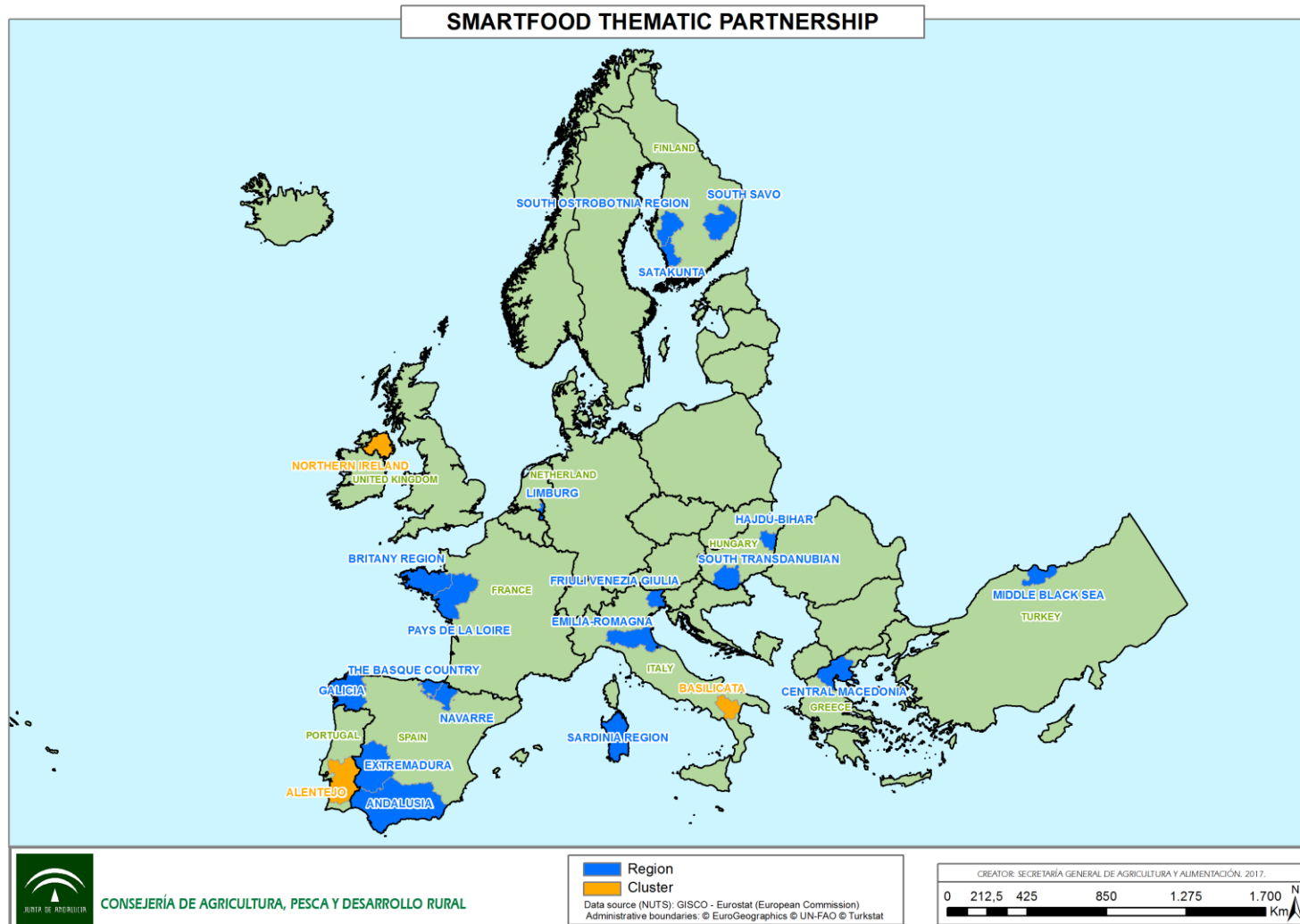
TOPICS

- ✓ **Specific Topic 1.** Traceability and Big Data in the “*Lifecycles of the value chain*”.
- ✓ **Specific Topic 2.** Traceability and Big Data in the “*Smart monitoring of the value chain to improve the overall competitiveness of the agri-food sector*”.
- ✓ **Specific Topic 3.** Traceability and Big Data to “*incorporate consumer experience and the different operators in the food chain in decision-making processes*”.
- ✓ **Cross-cutting Topic.** *Open data, interoperability, data governance and information security, cyber security.*

LA CADENA DE VALOR
AGROALIMENTARIA Y EL
ENTORNO DE LA EMPRESA



2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

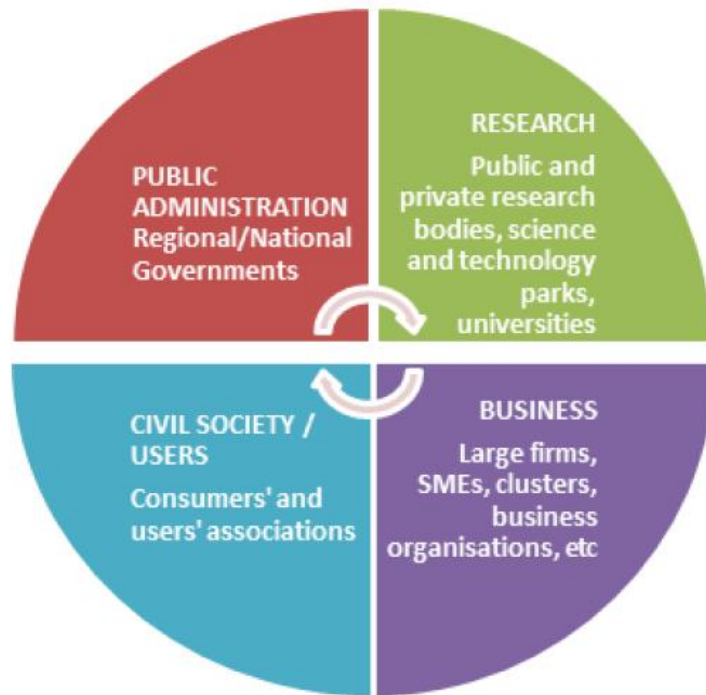


18 regions & 3 regional clusters from 9 countries

2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

Guide for regional partnership building

TYPE OF MEMBERS



GUIDANCE FOR

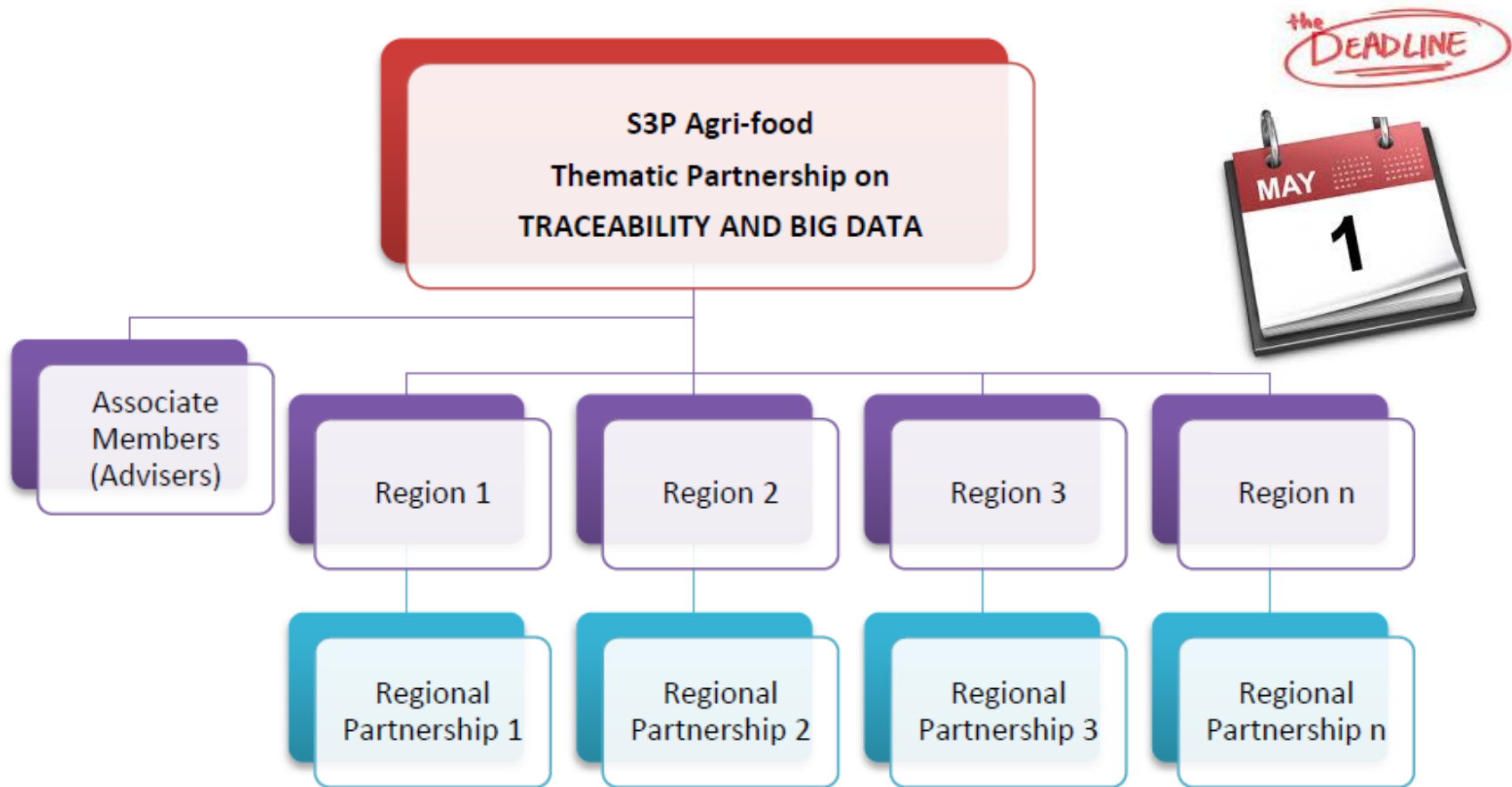
- **IDENTIFICATION OF KEY ACTORS**
- **CONTACT AND COMMUNICATION**
- **MONITORING OF THE PARTNERSHIP**

2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA

REGIONAL MAPPING RESULTS

1. **9 replies** to the questionnaire to date
2. **Higher priority Topic: 2** - *“Smart monitoring of the value chain to improve the overall competitiveness of the agri-food sector”*.
3. Some **regions** have expressed their interest in **co-leading and co-financing**

2. Development of the Thematic Partnership on TRACEABILITY AND BIG DATA



GOVERNANCE

3. Next steps

3. Next steps: past and forthcoming events

- ✓ 6-7 December 2016: Kick-off meeting. Florence (Italy)
- ✓ 16 February 2017: Andalusian Partnership Meeting. Seville (Spain)
- ✓ 23-24 February 2017: Pays de la Loire (France)
- ✓ 14 March 2017: Digital Innovation Hubs. Thessaloniki (Greece)

Seville Event ★
28-29th March 2017

- 4-5 April 2017: Bratislava (Slovaquia), EIP-AGRI DATA SHARING
- 1-2 June 2017: Helsinki (Finland): Results of the platform
- 1-2 June 2017 Digital Innovation Hubs. Killeny (Ireland)

3. Next steps: funding of partnership activities

OWN RESOURCES + EUROPEAN PROJECTS:

- **Interreg Europe Call:** *Priority Axis 1: RIS3 Governance, Clusters within RIS3*
- **ICT Call – Public Procurement of Innovative Solutions.** *ICT-33: (a) Call (European Wide networks of public procurers preparing future PCPs or PPIs in any area of public interest that requires ICT based solutions). Deadline: 25 April*
- **H2020 Programme.** *Remarks on 2018-2020 workplan*

4. Communication and information tools

4. Communication and information tools

- ✓ **A website has been requested to the JRC for uploading and sharing information**
- ✓ **Cloud user**
- ✓ **Twitter profile**
- ✓ **LinkedIn Group**

5. Conclusions

5. Conclusions

- ✓ We have positioned a **strategic issue** for the Agri-food sector **in Europe**
- ✓ We have mobilised **19 regions** at European level
- ✓ We have mobilised a **support ecosystem** in the domain of **traceability and Big Data** in the agri-food sector at a regional level
- ✓ We have launched a **powerful interregional cooperation network** where we pull together to make progress in related smart specialisation strategies



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