

[illegible]

A4. Organisation

[illegible]

A5. Type of Organisation

Government department

Public agency

Private Enterprise ☐

Research organisation

Other

Other

[illegible]

A6. Email

[illegible]

Section B: Challenges

Please rank the main challenges facing the agro-food sector in your region in relation to traceability and 'big data'?

B1. Challenges

1 - Not important 2 3 4 5 - Critical

Capacity of farmers, processors, etc. to manage and use data collected via installation of new automations, sensors, etc.

Cost of investment for farmers, food processors or transportation firms in equipment and technologies (sensors, robots, drones, etc.) including data management tools

Improved measurement and control of environmental impact (water usage, soil quality, etc.) both for agro-food organisations and public authorities, etc.

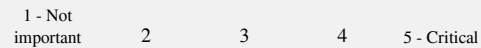
Improve effectiveness of traceability and control (temperature, 'tampering', etc.) of foodstuffs along logistic chains

Capacity for farmers and/or food processors to anticipate or predict market trends including price changes

Methods and tools enabling the analysis or visualisation of existing data from multiple sources (devices in fields, factories, trucks, etc.) and types (proprietary, open data, etc.).

Legislative or regulatory frameworks governing the collection and use of data (data standards, security, interoperability, rights of access, updating, etc.)

A diagram showing a horizontal sequence of five empty rectangular boxes, each representing a node in a linked list. The boxes are connected by a series of horizontal dashed lines, indicating the 'next' pointer for each node.

[illegible]

Level of knowledge – capacity to collect, process and analyse data:

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

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[illegible]

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[illegible][illegible][illegible]



Retailers

--	--	--	--	--	--	--	--	--	--

Consumers

--	--	--	--	--	--	--	--	--	--

- C2.** For which regional agro-food chains (dairy, cereals, meat, oils, beverages, etc.) is it most urgent or important to improve the capacity to collect and manage data? Please list them and briefly explain why.

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Section D: Strategies and policies relevant to smart food theme

In your region, which of the following strategies if any address the topic of traceability and data in the agri-food chain?

- D1.** Strategy document (*Please indicate title of document and year published*)

Smart specialisation strategy

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Digital or information society strategy (big, open data, internet of things, etc.)

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Rural Development or agricultural/agro-food strategies

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- D2.** Other strategy documents (*Please indicate title of document and year published*)

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- D3.** Please summarise (briefly) the main relevant policy priorities of the current policy documents/strategies for your region/country.

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Section E: Policy measures in support of traceability for the agro-food chain

E1. Please list up to five regional or national programmes/initiatives that support the development or deployment of innovative methods and technologies in support of traceability and data for the agro-food chain? These can either be (co-)funded by public funds or supported through public-private partnerships.

Name of initiative:

1

2

3

4

5

Annual funding (if known):

1

2

3

4

5

Website (if available):

1

2

3

4

5



Section F: Regional expertise and know-how in technologies and applications for traceability and big data

Existing expertise in relevant technologies

In which of the relevant technologies for traceability and data management for the agro-food chain is your region most advanced/specialised?

Rank the top three fields in which the region is most specialised.

Current application of technologies

F1. Technology/Application Field 1

- | | |
|---|--------------------------|
| Radio Frequency Identification (RFID) | <input type="checkbox"/> |
| Wireless Sensor Networks (WSN) | <input type="checkbox"/> |
| Satellite and remote sensing technologies and devices | <input type="checkbox"/> |
| Geotraceability, Geo Information and satellite imageries | <input type="checkbox"/> |
| Smart tags, quality sensors, sensor enabled Refrigeration Systems | <input type="checkbox"/> |
| Drones | <input type="checkbox"/> |
| Genetic, Robotic, Information and Nano technologies (GRIN) | <input type="checkbox"/> |
| Block-chain Technology | <input type="checkbox"/> |

F2. Technology/Application Field 2

- | | |
|---|--------------------------|
| Radio Frequency Identification (RFID) | <input type="checkbox"/> |
| Wireless Sensor Networks (WSN) | <input type="checkbox"/> |
| Satellite and remote sensing technologies and devices | <input type="checkbox"/> |
| Geotraceability, Geo Information and satellite imageries | <input type="checkbox"/> |
| Smart tags, quality sensors, sensor enabled Refrigeration Systems | <input type="checkbox"/> |
| Drones | <input type="checkbox"/> |
| Genetic, Robotic, Information and Nano technologies (GRIN) | <input type="checkbox"/> |
| Block-chain Technology | <input type="checkbox"/> |

**F3. Technology/Application Field 3**

Radio Frequency Identification (RFID)

Wireless Sensor Networks (WSN)

Satellite and remote sensing technologies and devices

Geotraceability, Geo Information and satellite imageries

Smart tags, quality sensors, sensor enabled Refrigeration Systems

Drones	
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Genetic, Robotic, Information and Nano technologies (GRIN)

Block-chain Technology

F4. Please comment your ranking or suggest other relevant key technologies for which your region is specialised – you may also provide a web link to a study or analysis of regional specialisation in these fields.

--

F5. To what extent are the key technologies applied in your region at different stages of the agri-food chain? Rank from 1 (not yet used) to 5 (widely used), you may also indicate ‘don’t know’.

Input industries:

Radio Frequency Identification (RFID)					
---------------------------------------	--	--	--	--	--

[illegible][illegible]

Geotraccability, Geo Information and satellite imageries

[illegible]

Drones	:	:	:	:	:	:	:	:
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Genetic, Robotic, Information and Nano technologies (GRIN)

[illegible]

Farmers:

[illegible][illegible]



Satellite and remote sensing technologies and devices	
Geotraceability, Geo Information and satellite imageries	
Smart tags, quality sensors, sensor enabled Refrigeration Systems	
Drones	
Genetic, Robotic, Information and Nano technologies (GRIN)	
Block-chain Technology	
Logistic/ transport providers:	
Radio Frequency Identification (RFID)	
Wireless Sensor Networks (WSN)	
Satellite and remote sensing technologies and devices	
Geotraceability, Geo Information and satellite imageries	
Smart tags, quality sensors, sensor enabled Refrigeration Systems	
Drones	
Genetic, Robotic, Information and Nano technologies (GRIN)	
Block-chain Technology	
Food manufacturers:	
Radio Frequency Identification (RFID)	
Wireless Sensor Networks (WSN)	
Satellite and remote sensing technologies and devices	
Geotraceability, Geo Information and satellite imageries	
Smart tags, quality sensors, sensor enabled Refrigeration Systems	
Drones	
Genetic, Robotic, Information and Nano technologies (GRIN)	
Block-chain Technology	
Retail sector:	
Radio Frequency Identification (RFID)	
Wireless Sensor Networks (WSN)	

[illegible]



Section H: Partnerships

Existing regional involvement in European or inter-regional partnerships in the field of agro-food chains, traceability or big data applications

H1. Please list existing involvement of regional organisations (public, private, research, clusters, etc.) in European (ERA-NETs, Horizon 2020, agricultural, open or big data, networks, etc.) as well as inter-regional programmes such as INTERREG.

Name of initiative or project:

1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>
5	<input type="text"/>
6	<input type="text"/>
7	<input type="text"/>
8	<input type="text"/>
9	<input type="text"/>
10	<input type="text"/>

Organisations involved:

1	<input type="text"/>
2	<input type="text"/>
3	<input type="text"/>
4	<input type="text"/>
5	<input type="text"/>
6	<input type="text"/>
7	<input type="text"/>
8	<input type="text"/>
9	<input type="text"/>
10	<input type="text"/>

Specific focus or topic:

1	<input type="text"/>
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2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Section I: Priority topics

Regional priorities for the proposed Smart Specialisation Platform for agro-food SSP for Advanced Manufacturing

I1. Given the perceived challenges for your region and the priorities, which specific topics are of most interest for your region?

Traceability and Big Data in the “Lifecycles of the value chain”

☐

Traceability and Big Data in the “Smart monitoring of the value chain (production, agrifood industry, logistics, distribution and consumer) aiming to improve the competitiveness in the agri-food sector”

☐

Traceability and Big Data to “Incorporate the experiences of the consumers and of the different operators of the food chain in decision-making processes”

☐

Cross-cutting issues such as “Open data, interoperability, data governance and information security, cybersecurity”

☐

I2. If you wish to propose a specific additional topic or reformulate the proposed topics, please use the box below.

Section J: Type of joint actions or activities

J1. Please rank possible activities of a future SPP.

1 - low priority	2	3	4	5 - top priority
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Mapping specialisation in agro-food traceability technologies and specialisation in each region



	1 - low priority	2	3	4	5 - top priority
Mapping of key regional businesses in specific food value-chains to identify potential synergies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Partner search, match-making and brokerage services for joint project development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Building inter-regional innovation communities to jointly work on solutions and applications for agro-food chains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Create a network of (open access) research and innovation centres that regional firms can access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Co-invest in demonstrators, pilot applications, technology validation actions, etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cooperation on mobilising financial support for agro-food traceability projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

J2. If you wish to propose a specific additional activity or reformulate the proposed types of activities, please use the box below.

Section K: Governance and membership of the future SPP

K1. What role is your region willing to play in the future activities?

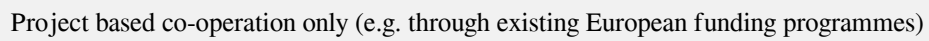
	Yes	Uncertain	No
Lead region for a topic or 'flagship action	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Co-finance future activities (e.g. studies, future meetings, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Host a match-making event	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

K2. Other (please specify)

Section L: Governance options

L1. What would be your preference for future governance arrangements?

Create a distinct legal entity	<input type="checkbox"/>
Signature of a memorandum of understanding – cooperation agreement	<input type="checkbox"/>
Integrated in an existing network	<input type="checkbox"/>



L2. You may add a comment or suggest an alternative option

Section M: Membership

M1. Would you recommend that additional regions be invited to join future activities? If so, please list them and indicate why (e.g. existing co-operation, specific expertise located in the region, etc.).

Region:

Specific expertise relevant for the proposed activities:

Thank you for your time!