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Smart Specialisation Platform for Agri-Food (S3P Agri-Food)

Smart Specialisation Platform DG JRC, European Commission

Dr. Katerina Ciampi Stancova



Overview

1. Context

- Internationalisation of S3
- Role of interregional cooperation to position and align agri-food related priorities.
- Value chain as a policy framework for cooperation on complementarities

2. S3P Agri-Food

- Envisaged stages of the workflow
- Expression of interest
- First Partnerships for Agri-food

3. Support through S3 Platform

- Analytical tools
- Publications, methodological guidance and case studies



Context

- Internationalisation of S3
- Role of interregional cooperation to position and align agri-food related priorities
- Value chain as a policy framework for cooperation on complementarities



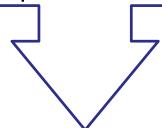
Reasons for opening up Smart specialisation strategies:

- get access to wider business and knowledge networks
- get necessary research capacity
- reaching out to other markets
- expanding business opportunities
- combining complementary strengths
- joining GVCs
- > etc.



Internationalisation of smart specialisation

- ➤ includes export and FDI as well as strategic alliances, joint research, co-development, outsourcing, relocation, mergers and acquisitions, licensing intellectual property rights (IPR), soft landing, technology showcase
- >strong correlation between the extent of involvement of firms in both international and innovation activities
- >global innovation systems operates within GVC



- context within which regions are able to identify 'niches' or specific domains and reveal possible patterns of integration with partner regions
- value chain as a policy framework for cooperation on complementarities

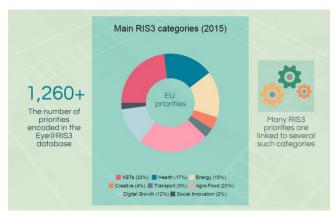


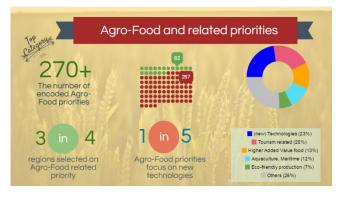
Global value chains (GVC) in the context of smart specialisation

What is it about? The S3 Platform assists regions in their efforts to facilitate the development of new value chains through the interconnection of regional innovation eco-systems and their actors in quadruple helix in specific S3 investment areas.

How? The S3 Platform provides a multi-level support mechanism, combining efforts at regional, national and European level, which addresses the particular market and system failures that prevent breakthroughs, starting with information and coordination failures and demand uncertainty. The development of interregional collaboration will be driven by opening-up regional smart specialisation strategies.



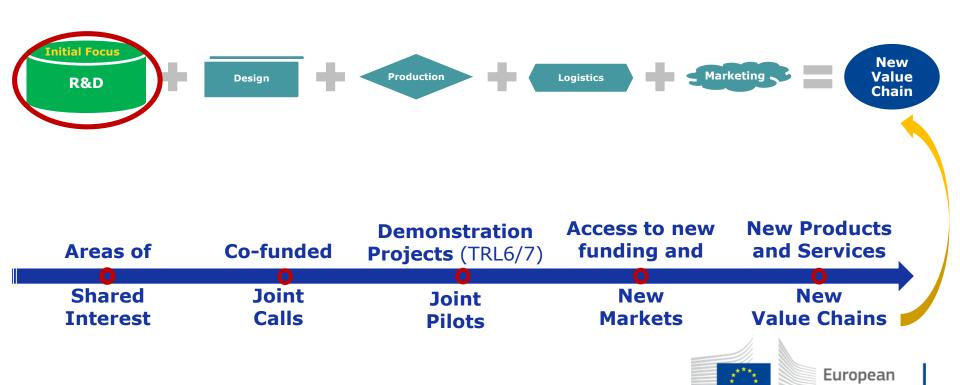






European Commission aims to...

- **support** the development and enhancement of *European eco-systems for* interregional collaboration based on areas of **smart specialisation**.
- **facilitate** the exchange of experience, mutual learning and cooperation to achieve better matching of business entities with research, as well as innovation actors with their business counterparts.
- **prepare** guidance material on the role of regional authorities in co-creating and developing European value chains in key smart specialisation niches.



Commission

S3P Agri-Food

- Envisaged stages of the workflow
- Expression of interest
- First Parnerships for Agri-food



AF is one of the most prominent domains

The number of priorities

encoded in the

Eye@RIS3

database

Main RIS3 categories (2015) 1,260+priorities KETs (23%) Health (17%) Energy (15%) Creative (4%) Transport (3%) Agro-Food (23%) Digital Growth (12%) Social Innovation (2%)

Many RIS3

priorities are

linked to several

such categories

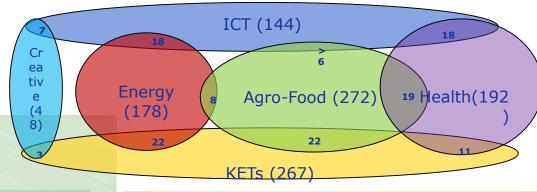




	Table : Agro-Food related sub-areas of specialisation (EU28)	count, n
1	Agro-food (new) technologies (incl. KETs and application of ICT in the field of agriculture)	62
2	Agro-food and Tourism	54
3	(Food) products & Organic food and food with higher added-value (healthy food, quality of life)	36
	Water for Environment and Agriculture (incl. aquaculture, fisheries and maritime)	32
	Food production, manufacturing and distribution	19
	Environmentally-friendly agro-food production	18
	Food safety and security	11
	Research and Education in Food/Agriculture	2
	Transport and logistics	2
	(Generic) Agriculture as industry (agro-food)	36
	Total	272

_							
							_
	1 - R&D	2 - DESIGN	3 - PRODUCTION	4 - LOGISTICS	5 - MARKETING	6 - SERVICES	
			BE2 Flemish Region				
5	BE3 Wallonne	BE3 Wallonne	BE3 Wallonne	BE3 Wallonne		BE3 Wallonne	
			DE4 Brandenburg				
			DES Bremen				
			DE8 Mecklenburg-Vorpommerr	n			
			DE9 Niedersachsen				
al.	DE94 Weser-Ems	DE94 Weser-Ems	DE94 Weser-Ems				
-			DK02 Sjælland				<u> </u>
			DK04 Midtjylland				
			DK05 Nordjylland				
			EL12 Kentriki Makedonia				
			EL13 Dytiki Makedonia				
			EL21 Ipeiros				
			EL24 Sterea Ellada				
	EL41 Voreio Aigaio						
			EL42 Notio Aigaio				
	EL43 Kriti						
			ES11 Galicia			ES11 Galicia	
	ES12 Asturias						
4	ES13 Cantabria	ES13 Cantabria	ES13 Cantabria			ES13 Cantabria	
	ES22 Navarra						-
			ES23 La Rioja				
			ES24 Aragón				
	ES30 Madrid						
	ES41 Castilla y León	ES41 Castilla y León				ES41 Castilla y León	
			ES42 Castilla-La Mancha				
4		ESS1 Catalonia	ES51 Catalonia	ES51 Catalonia		ESS1 Catalonia	
3	ES52 Valencia	ESS2 Valencia	ES52 Valencia				
3	ES61 Andalucia		ES61 Andalucía			ES61 Andalucía	700
-	ES62 Región de Murcia						
			ES70 Canarias				
	FI194 Etelä-Pohjanmaa						
4	FI196 Satakunta	FI196 Satakunta	FI196 Satakunta			FI196 Satakunta	
_			FIADA FANIS COUR			FIADA Facilii Cour	w <u>n</u> _

Envisaged stages of the workflow

Learn: interregional knowledge building

- 'Expression of interest' to propose a theme and a candidate leadregion
- ❖ Joint identification of cooperation areas within the broader priority domains, in perspective of co-investment.

Connect: key stakeholder search and matching

- Consolidation of this scoping note and establishment of a work plan with a coalition of regions
- matchmaking between the relevant actors to identify co-investment projects (an action plan for 1 year)

Demonstrate: support to deployment of innovative products/ services

- Preparing fundable projects and business plans
- Developing investment projects
- Operationalisation of Joint Demonstration

Upscale: financing, communication, documentation and knowledge management

Learn - Expression of Interest

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S3 Thematic Platforms

Agri-Food

Thematic Areas

Energy

Industrial Modernisation About our methodology

Contacts

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STANCOVA@ec.europa.eu

Latest News

Horizon 2020 Information Day on the Research Public-Private Partnerships

① 14 Oct 2016

S3 Themes

The aim of the event is to give the research community an overview of ongoing activities in the following PPPs: Factories of the Future....

Agri-Food

Flash News

SAVE-THE-DATE: A kick-off event of S3P - Agri-Food will be organised to foster interregional cooperation and investments on the 6-7 December 2016 in Florence, Italy.

This meeting will result in the first group of partnerships formally joining the Agri-Food S3 Platform as members. At the same time, it will result 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.

Further information about the event is available here.

OPEN CALL: Expressions of interest for setting-up and co-leading new partnerships in specific thematic areas related to Agri-Food may be submitted here.

The Smart Specialisation Platform for Agri-Food (S3P Agri-Food) established at EU level aims to accelerate the development of joint investment projects in the EU by encouraging and supporting interregional cooperation in thematic areas based on smart specialisation priorities defined by regional and national government linked to agriculture and food. Through the S3P Agri-Food, EU regions and member states are able to implement more efficiently their smart specialisation strategies, and regional stakeholders benefit from the new cooperation opportunities with partners from other regions.

Objectives



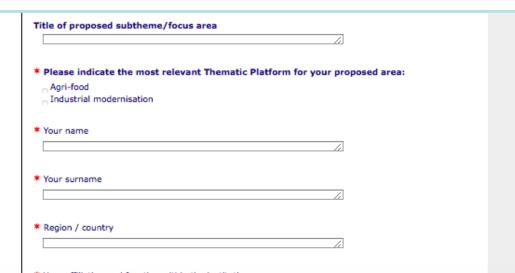
Propose a theme



Expressions of interest for setting-up and co-leading new partnerships in specific thematic areas related to Agri-Food

https://ec.europa.eu/eusurvey/runner/S3thematicplatform_expression_of_interest

Next cut-off day: 1st February 2017



European Commission

Expert support services can be provided to the lead-region(s) whose proposals will be the most advanced in terms of:

- ➤ Relevance and importance of the proposed thematic area for agri-food: transformative and innovative idea, clear added-value, sufficient granularity, business interest, synergies, etc.
- Level of ambition and commitment (political and financial)
- Leadership: two or more regions have commitment as leadregions
- > Number of regions involved and geographical balance
- Envisaged involvement of stakeholders (industry, academia, public authorities, civil society), including cluster organisations and business networks
- Links to RIS3 priority areas
- Openness towards other regions



Join an existing proposal/partnership

Regions need to consider:

- ➤ if the theme is linked to their S3 priority(-ies)
- ➢ if they have dedicated resources (for co-investment) to implement activities in this area
- > if collaboration is of mutual benefit for all participating regions

and also:

- > what they would like to achieve from such partnership
- what they are bringing in
- how they see the their region's activities fit into the possible value chains that would be developed by participating regions



Proposals submitted until 25th November 2016

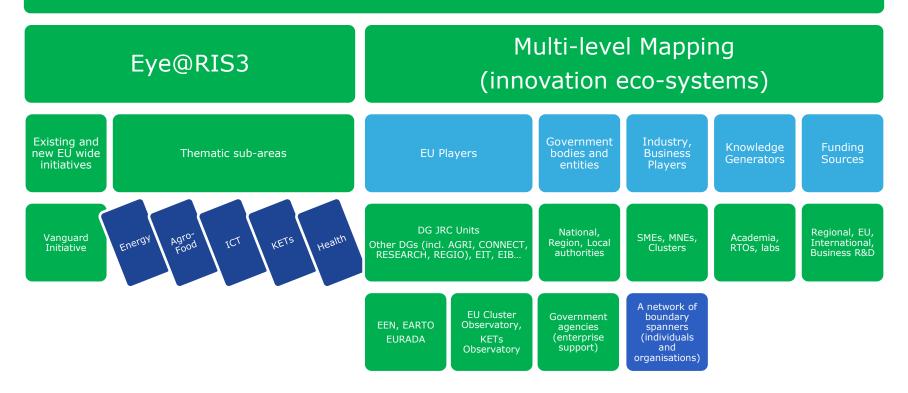


Proposals for the development of S3P Agri-Food thematic partnerships

Thematic area	Coordinating/lead region(s)	Proposal
Rural diversification and Smart Agri-Food destinations	Region of Central Macedonia and Noord-Brabant	PDF
High-tech farming	Tuscany	PDF
Public Meal as a driver of sustainability, health and innovation in the agri-food chain	Skane	PDF
Nutritional quality of mass catering	South Ostrobothnia	PDF
Traceability and big data	Andalusia	PDF
Vanguard Initiative Bioeconomy Pilot - Agri-Food	Vanguard Initiative	PDF
Sustainable development of production field crops	North East region (Romania)	PDF
From farm to fork	West region (Romania)	PDF
Better food value chains, more resilient, transparent and competitive	Castilla y Leon	PDF

Learn - Mutual identification of cooperation areas

Mapping priority areas





Presentations of first partnerships for Agri-Food

- Presentation of the first candidate thematic partnerships:
 Traceability and Big Data (Andalusia)
 High Technology Farming (Tuscany)
- Pitch Session:

Rural diversification and Smart Agri-Food destinations (Central Macedonia and North Brabant),

Better food value chains, more resilient, transparent and competitive (Castilla y Leon),

Vanguard Initiative Bioeconomy Pilot - Agri-Food (Vanguard Initiative)

Nutritional quality of mass catering (South Ostrobothnia) via videolink



Support through S3 Platform

- Analytical tools
- Publications, methodological guidance and case studies



Webpage on the methodology



S3 Thematic Platforms

Thematic Platforms

Agri-Food

Energy

Industrial Modernisation

About our methodology

Guidance

Targeted Support

Cooperation

Communities & Actors

Governance

Contacts

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Ruslan.RAKHMATULLIN@ec.europa.eu

S3P Agri-Food: Katerina.CIAMPI-STANCOVA@ec.europa.eu

S3P Industrial Modernisation and

Investment: Fatime-

Barbara.HEGYI@ec.europa.eu

Latest News

I Horizon 2020 Information Day on the Research Public-Private Partnerships

About our methodology

RECENT AND CURRENT EVENTS

The S3 Platform, on the initiative supported by a number of EC DGs, organised two Information Days:

11 May 2016 (Brussels, BE)

S3 Platform on Industrial Modernisation and Investment INFORMATION DAY

Further information: web-page

Co-organised with DG GROW and DG REGIO 12 May 2016 (Brussels, BE)

S3 Platform - AGRI-FOOD INFORMATION DAY

Further information: web-page

Co-organised with DG AGRI, DG RTD and DG REGIO

16-17 November 2016 (Barcelona, ES)

S3 Platform on Industrial Modernisation and Investment KICK-OFF EVENT

Further information: web-page

Co-organised with the Government of Catalonia

6-7 December 2016 (Florence, IT)

S3 Platform - AGRI-FOOD KICK-OFF EVENT

Further information: web-page

Co-organised with the Government of Tuscany

The rationale

Smart specialisation requires EU MS and regions to focus their efforts and resources on a limited number of ambitious yet realistic priorities (niches or activities), where as a result, they would be able to develop excellence as well as compete in the global economy in a sustainable (financially, socially and environmentally) manner. When implemented, these strategies are expected to allow Member States and regions to strengthen their research and innovation systems, maximise knowledge flows, absorption and utilisation as well as spread the benefits of innovation throughout their economies.

The RIS3 approach requires looking beyond the national/regional administrative boundaries. In other words, a country/region should be able to identify its competitive advantages through systematic comparisons with other countries/regions, mapping their national and the international context in search of examples to learn from, or to mark a difference with, and performing effective benchmarking. Moreover, each country/region should be able to identify relevant linkages and flows of goods, services and knowledge revealing possible patterns

Webpage on Agri-Food Platform

European Commission / Smart Specialisation Platform / Sections / Thematic Platforms / Agri-Food

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S3 Thematic Platforms

Thematic Platforms

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2016 Oct 2016

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Further information about the event is available here.

Please note that if you are thinking of joining exiting partnership(s) or proposing/ exploring new one(s):

- you should attend the kick-off event of S3P Agri-Food in Florence on 6th and 7th December 2016 (please register),
- · you should be represented at this kick-off event by:
 - · Managing authorities
 - · Policy officers
 - Subject/technical experts

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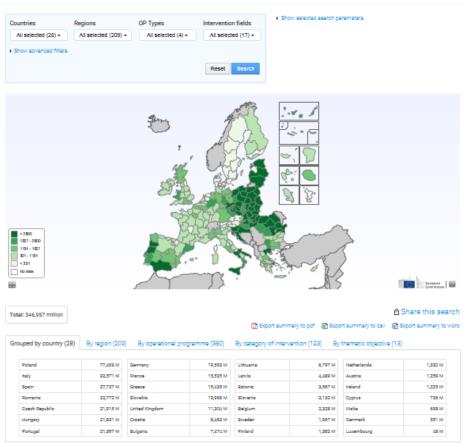
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Home About S³P News & Events S3 Guidance S3 Tools S3 Peer Reviews S3 Cooperation S3 Actors S3 Territories S3 Governance S3 Domains Digital Agenda

Eye@RIS3 Match All ▼ of the following fields: Select region Research & Innovation **Business Areas & Target** Capabilities Market **EU Priority** Select ▼ Select ▼ Select Research & Innovation Business Areas & Target Capabilities (Subcategory) Market (Subcategory) EU Priority (Subcategory) ▼ Select ▼ Select Region/Country Name Description of Priority NUTS ID Country/Region type ■EU Countries with Encoded S3 Priorities EU Regions with Encoded S3 Priorities Non-EU Countries with Encoded R&I Priorities Non-EU Regions with Encoded R&I Priorities + Add priorities Search ⊕ A Export Research & Innovation Business Areas & Description **EU Priority** Capabilities 1. Sustainable 2. Eco-innovations Austria [AT] ICT 1. Information 8 1. Information & 1. Digital Agenda communication technologies (ICT) technologies (ICT) Austria [AT] Life sciences 1, Human health & social 1, Human health & social 1, Public health & work activities work activities 1. KETs Materials & 1. Manufacturing & 1. Manufacturing & 2. Advanced manufacturing systems 1. Transporting & storage 1. Transporting & storage 1. Sustainable 2. Smart green & integrated transport 1. Tourism, restaurants & 1. Services 1. Service innovation Austria [AT] Service EU Countries with Encoded S3 Priorities EU Regions with Encoded S3 Priorities recreation Wien [AT13] City 1. Public administration, 1. Public administration, 1. Social innovation Non-EU Countries with Encoded R&I Priorities 🛑 Non-EU Regions with Encoded R&I Priorities development security & defence security & defence 1. Energy production & 1. Energy production & 1. Sustainable Guidelines for adding priorities to the Eye@RIS3 tool innovation 2. Sustainable energy & renewables 1. Manufacturing & 1. Manufacturing & 1. Specific local policy



ESIF-viewer, visualising planned investments using European Structural and Investment Funds



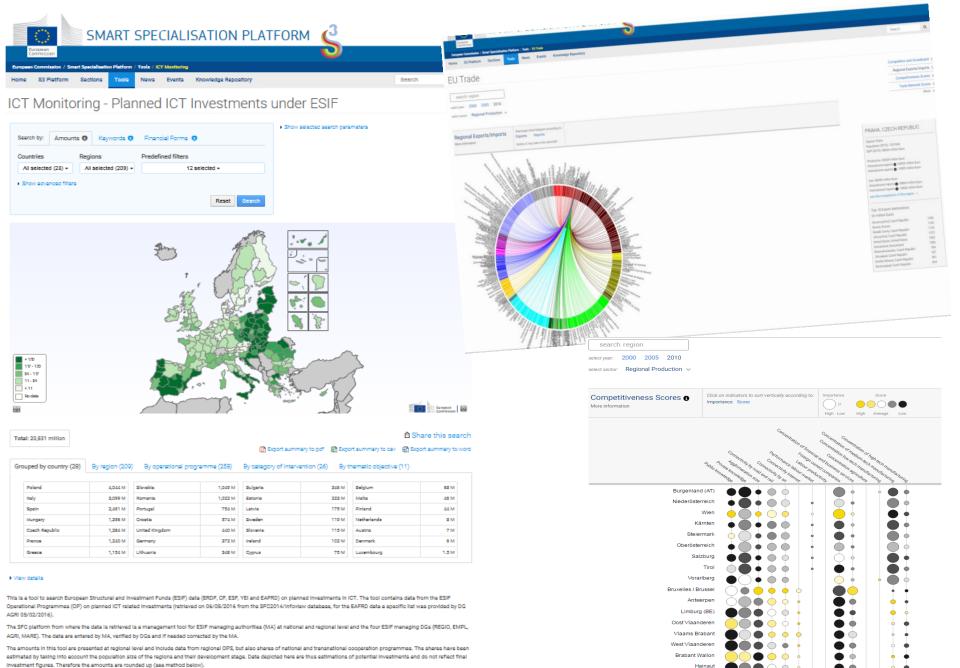
► View details

This is a tool to search joinned investments in European Structural and investment Funds (ESIF) data (ERDF, CF, ESF and YEI). The tool contains data from the ESIF Operational Programmes (CP) (retrieved on 06/05/2016 from the SFC2014/infoview database). The SFC platform from where the data is retrieved is a management tool for ESIF managing authorities (MAa) at national and regional level and the four ESIF managing Das (RECIO, EMPL, ADRI, MARE). The data are entered by MAB, verified by DGs and if needed corrected by the MA.

The amounts in this tool are presented at regional level and include data from regional OPs, but also shares of national and transnational cooperation programmas. The shares have been estimated by taking into account the population size of the regions and their development stage. Data depicted here are thus estimations of potential investments and do not reflect final investment figures. Therefore the amounts are rounded up (see method below).

Other official data on Cohesion Policy is available here: http://ec.suropa.su/regional_policy/index.cfm/en/information and here: https://cohesiondata.ec.suropa.su.and on the corresponding ESF and EMFF sites.

CONTACT



Luxembourg (BE)

CONTACT

ESF, EMFF and EAFRO sites.

Other official data on Cohesion Policy is available here: http://ec.europa.eu/regional.policy/index.cfm/en/information and here: https://echesiondata.ec.europa.eu and on the corresponding



News Events

Benchmarking Regional Structure

Knowledge Repository

Finding reference regions based on structural similarities

A key to build sound innovation strategies for smart specialisation at the regional level is to identify opportunities for learning policy lessons and transferring practices from other regions. But what are the regions one should consider as a reference for these purposes? Our proposal is to start by identifying regions that share similar structural conditions which are relevant for innovation-driven development (social, economic, technological, institutional and geographical characteristics). That is, characteristics that cannot be easily changed in the short term and that are demonstrated to affect the way innovation and economic evolution take place in a region. Below you will find an interactive tool that allows you to identify reference regions across Europe based on a methodology jointly developed by Orkestra – Basque Institute of Competitiveness and the \$3 Platform.

Documents

Methodological paper

Search

Structural variables & data

Regional NUTS codes

Interactive tool

Home S3 Platform Sections



How it works

- 1. Select a region in the top window
- Choose the number of reference regions you want to be displayed
- 3. Press "refresh" to get the results
- 4. A list of regions will appear on the right side of the screen sorted in descending order from the ones that are more similar (top) to the less similar (bottom) to the region selected
- The order is given by a synthetic index of structural distance (lower value=structurally closer to the selected region) explained in the methodological paper.

The 20 nearest regions to Burgenland (at11)	Distance index
Kärnten - Austria (at21)	0.0116
Tirol - Austria (at33)	0.0197
Provincia Autonoma Trento - Italy (ith2)	0.0225
Steiermark - Austria (at22)	0.0226
Oberösterreich - Austria (at31)	0.0245
Salzburg - Austria (at32)	0.0247
Niederösterreich - Austria (at12)	0.0252
Vorarlberg - Austria (at34)	0.0273
Umbria - Italy (iti2)	0.0300
Syddanmark - Denmark (dk03)	0.0314
Comunidad Foral de Navarra - Spain (es22)	0.0319
Cantabria - Spain (es13)	0.0320
Sjælland - Denmark (dk02)	0.0343
Poitou-Charentes - France (fr53)	0.0347
Bourgogne - France (fr26)	0.0352



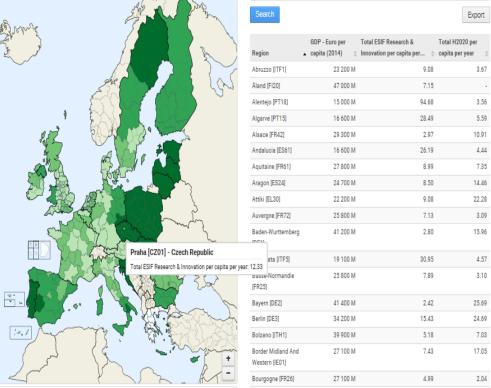
R&I Regional Viewer

As an outcome of the Stairway to Excellence project, the R&I Regional Viewer (ESTAT/ESIF/H2020 data) allows a structured and coherent visualisation of three sets of data; namely, main economic indicators from Eurostat, planned R&I-related investments under ESIF and Horizon 2020 funding captured by stakeholders across EU Regions.

LAST UPDATE concerning Horizon 2020 figures: 18/10/2016

WARNING: the Horizon 2020 figures provided are only estimations of the amounts received by Regions in the programme due to possible Headquarter effect (see methological note here under). A version with corrected Headquarter effect will be released in the coming weeks.





Paper 1: Science for Policy Report; Brennan
L. and R. Rakhmatullin (2015); Global
Value Chains and Smart
Specialisation Strategy. Thematic
Work on the Understanding of Global
Value Chains and their Analysis within
the Context of Smart Specialisation; EUR
27649 EN; doi:10.2791/44840

S3 Actors S3 Cooperation S3 Themes S3 Communities S3 Targeted Support

EUR 27757 EN

🕅 SMART REGIONS Conference

Ø 01 Jun 2016 - 02 Jun 2016



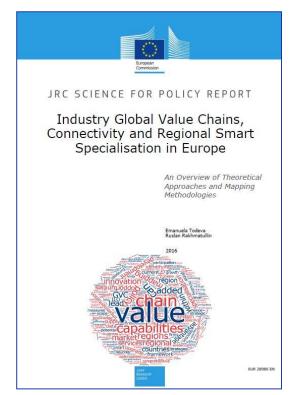


mapping methodology

Paper 2: Science for Policy Report; Cavicchi, A. and K., Ciampi Stancova, (2016); **Food and gastronomy as elements of regional innovation strategies.** European Commission, Joint Research Centre, Institute for Prospective Technological Studies, Spain. EUR 27757 EN; doi:10.2791/284013

53 Communities

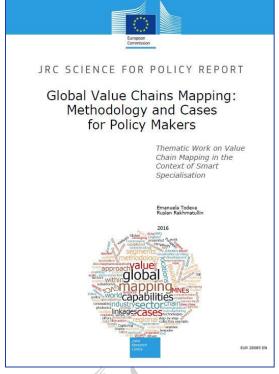
Thematic Work on the Understanding of Transnational cooperation and Value Chains in the context of Smart Specialisation.



Paper 3: E. Todeva, R. Rakhmatullin, 2016. Industry Global Value Chains, Connectivity and Regional Smart Specialisation in Europe. An Overview of Theoretical Approaches and Mapping Methodologies, JRC Science for Policy Report, European Union, EUR 28086 EN;

doi:10.2791/176781

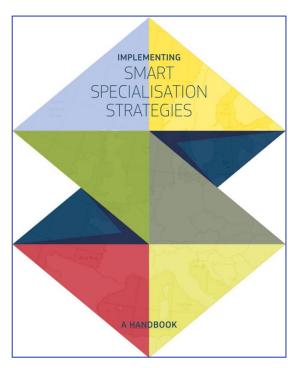
Paper 4: E. Todeva, R. Rakhmatullin 2016; Global Value Chains Mapping: Methodology and Cases for Policy Makers, JRC Science for Policy Report, European Union, EUR 28085 EN; doi:10.2791/273290





Paper 5: Mariussen A; Rakhmatullin R; Stanionyte L., (2016); **Smart Specialisation: Creating Growth through Trans-national cooperation and Value Chains.** Thematic Work on the Understanding of Transnational cooperation and Value Chains in the context of Smart Specialisation. EUR 28049 EN. doi:10.2791/658931





Handbook (draft):

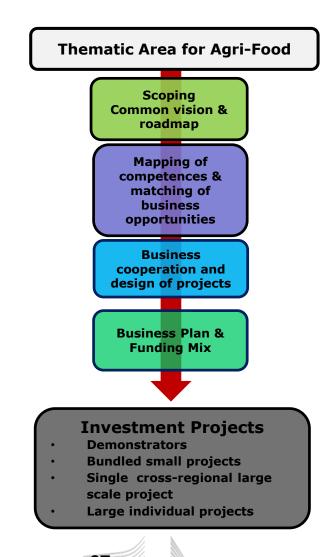
European Commission (2016),
Implementing Smart Specialisation
Strategies: A Handbook, Luxembourg:
Publications Office of the European
Union, EUR 28053 EN,
doi:10.2791/53569.



Support in practice

- Combining instruments to accelerate investments in promising Agro-Food areas
- ❖ S3 Platform will facilitate work flow; partnerships are self-organising
- ❖ Structured dialogue between the partnerships and the EC services

First Meeting of Steering Group End of January/beginning February



European Commission





Stay in touch

S3 Platform webpage: http://s3platform.jrc.ec.europa.eu

Email: <u>Katerina.Ciampi-Stancova@ec.europa.eu</u>

