

The European Commission's science and knowledge service

Joint Research Centre



Targeted Support to Smart Specialisation in Lagging Regions

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JRC – KAIST Joint Workshop
Seville 25th July 2019

JRC project "Targeted Support to RIS3 Implementation"

Four closely complementary JRC activities

STRIVE - Support to Transitions in Regional Innovation Eco-systems

RIS3 Support
to Lagging
Regions

European
Parliament
DG REGIO

2016 - 2020

RIS3 Support
to Romania

European
Parliament
DG REGIO

2016 - 2019

Higher Education
+VET in Smart
Specialisation

DG EAC
DG EMPL

HESS3 - 2018-20

Stairway to
Excellence

European
Parliament
DG REGIO

S2E-4 2018-20

Main objectives

MAIN AIM:
Support the refinement and
implementation of the RIS3
of selected EU regions

Low-growth regions:
GDP/capita below EU average

Less developed regions:
GDP/capita <50% of EU average

Develop and provide appropriate
and **specific support** to selected
regions in RIS3 implementation

Develop and implement
horizontal approaches to key
issues in the growth and
governance of RIS3

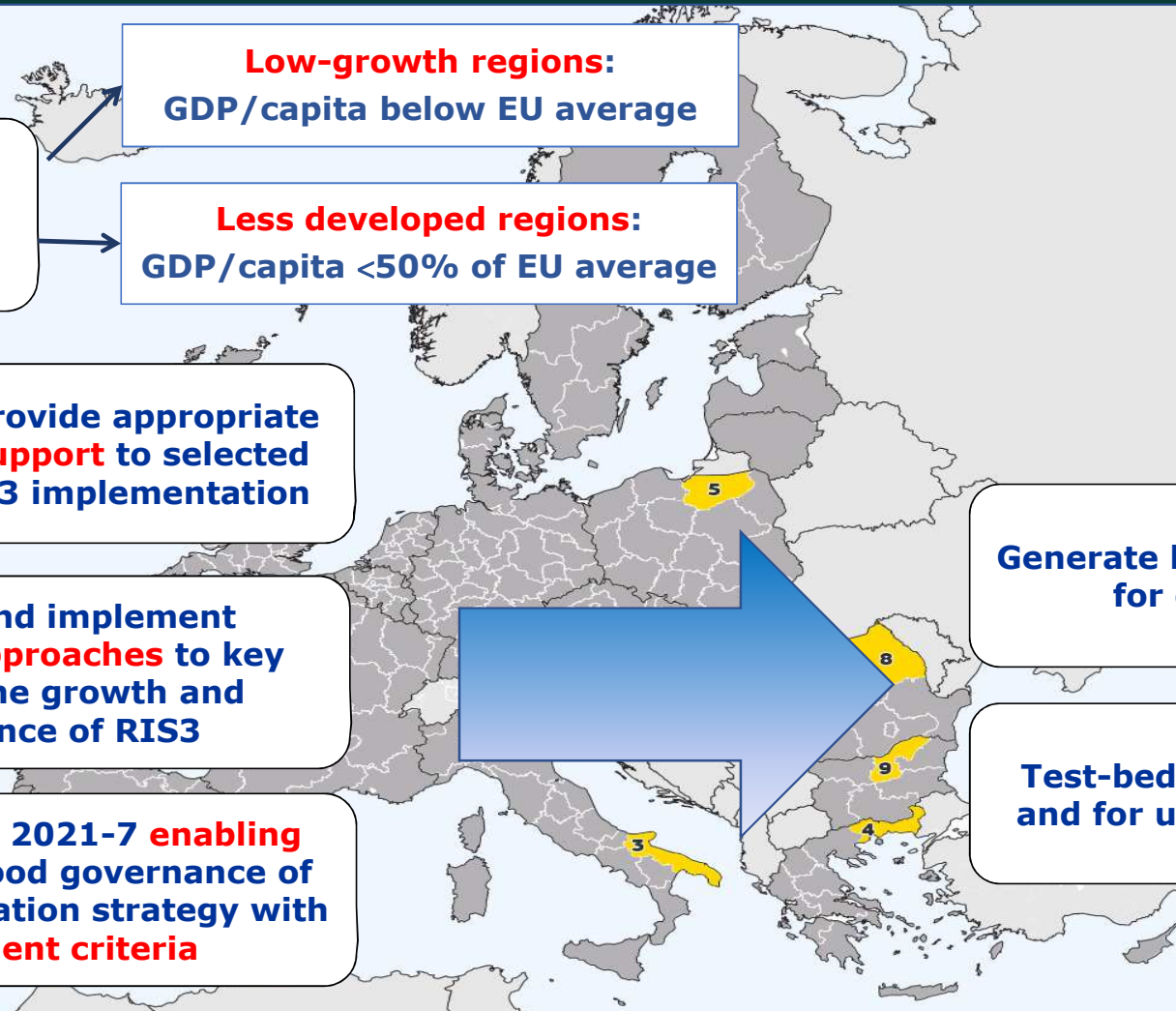
Help meet the 2021-7 **enabling
condition** of good governance of
smart specialisation strategy with
7 fulfilment criteria

Generate lessons and a model
for other regions

Test-bed for theories on S3
and for understanding RIS3

SELECTED LAGGING REGIONS

- 1 Centro
- 2 Extremadura
- 3 Puglia
- 4 Eastern Macedonia and Thrace
- 5 Warminsko Masurskie
- 6 Észak-Alföld
- 7 Nord-Vest
- 8 Nord-Est
- 9 Severen Tsentralen



Geographical Coverage

1. Low-growth regions (GDP/capita below EU average)

- Greece
- Italy
- Portugal
- Spain

2. Less developed regions (GDP/capita <50% of EU average)

- Bulgaria
- Hungary
- Poland
- Romania
- Croatia (stage 2)

| | Lagging Regions (Stage 1) | Lagging Regions (Stage 2) |
|----|--|--|
| BG | Severen Tsentralen | national level |
| HR | | national level |
| EL | Eastern Macedonia and Thrace, national roll-out | Central Macedonia, Western Greece, national level |
| HU | Észak-Alföld (Hajdú Bihar county) | national level |
| IT | Puglia | Puglia & Campania |
| PL | Warminsko Mazurskie | Kujawsko-Pomorskie, Lubuskie, Podlaskie |
| PT | Centro | Centro, national level (HESS) |
| ES | Extremadura | Extremadura, national/regional linkages |
| RO | Nord-Est, Nord-Vest | Rollout to all 8 regions, national level |

History...

RIS3 in the Region of Eastern Macedonia and Thrace

- EP – Preparatory Action
- AA - DG REGIO

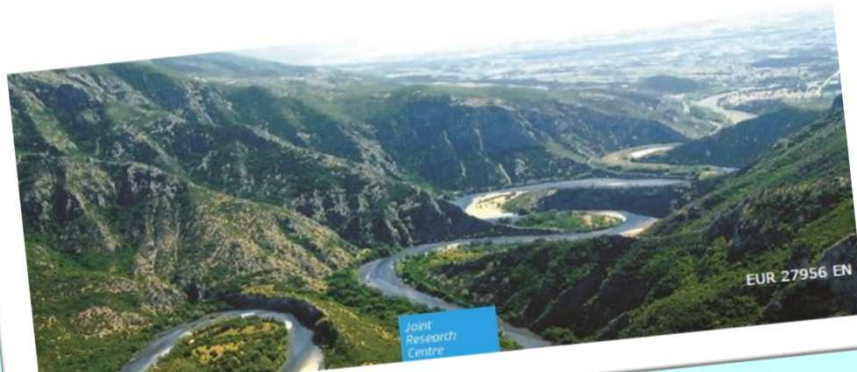
JRC TECHNICAL REPORTS

Implementing RIS3 in the Region of Eastern Macedonia and Thrace: Towards a RIS3 tool box

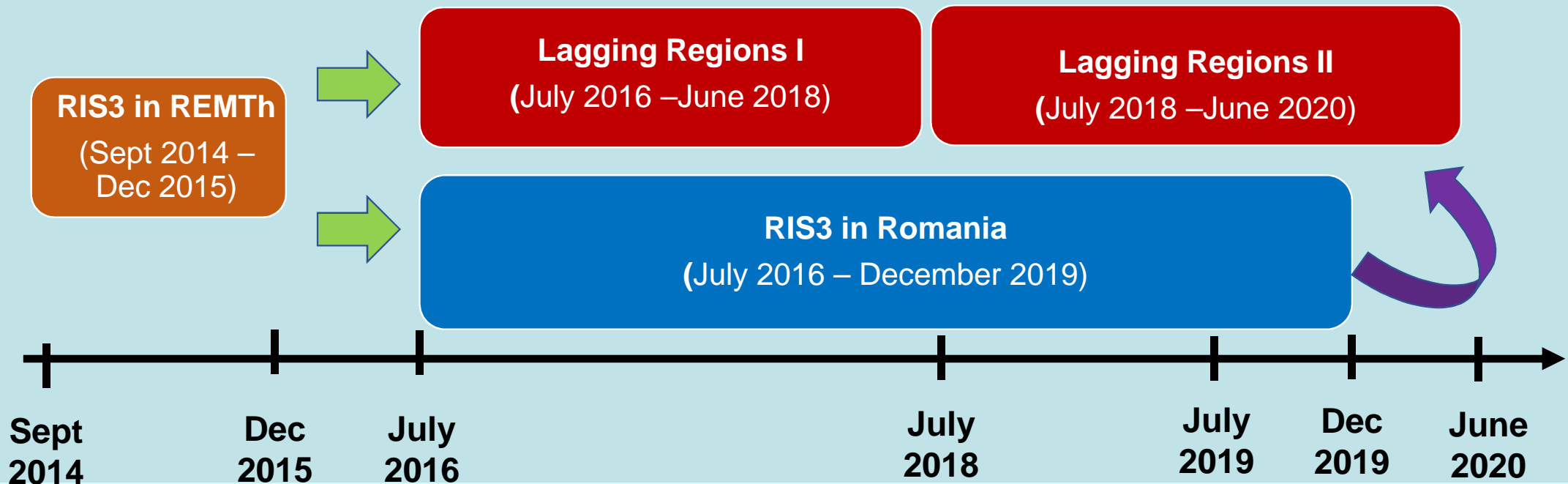
JRC S3 Policy Brief Series
No. 20/2016

Mark Boden, Patrice dos Santos, Karel
Haegeman, Elisabetta Marinelli, Susana
Valero

2016



Project timeline 2014-2020



Enabling condition Policy Objective 1: Good governance of S3 – 7 fulfilment criteria

1. **Up-to-date analysis of bottlenecks for innovation diffusion, including digitalisation**
2. **Existence of competent regional/national institution or body, responsible for the management of the smart specialisation strategy**
3. **Monitoring and evaluation tools to measure performance towards the objectives of the strategy**
4. **Effective functioning of entrepreneurial discovery process**
5. **Actions necessary to improve national or regional research and innovation systems**
6. **Actions to manage industrial transition**
7. **Measures for international collaboration**

**combined
support**

+ **Crosscutting concern: enhancing administrative capacity building and cooperation**

Project Toolbox

**Specific
(vertical)
support**

Profiling and
analysis

EDP
focus groups
in several regions

Project
Development
Labs

**General
(horizontal)
support**

WGs on RIS3
governance,
monitoring &
evaluation

MOOC on RIS3
monitoring

Board of critical
friends

Catalysing the EDP in Lagging Regions

- **EDP focus group approach**

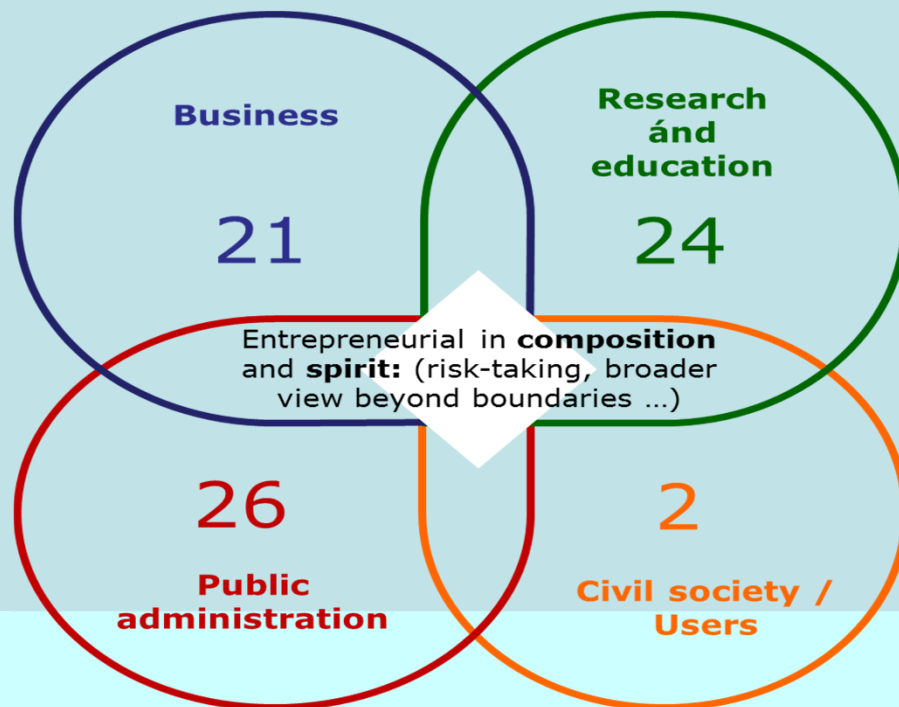
- Lagging Regions methodology to engage Quadruple Helix stakeholders to develop priorities and identify ideas for innovative projects
- First developed in Eastern Macedonia & Thrace (EL) (wine, tourism, marble, meat and dairy etc.)
- Rolled out and refined across LR partner regions and beyond
- Applied at ***sub-regional*** level (e.g. mechatronics, Gabrovo, BG)

- **Project Development Labs (PDL)**

- Aim to further develop focus group project ideas – focus on funding dimension (link to S2E)

Example of EDP Workshop (Cluj, NV Romania 2016)

Cosmetics and food supplements based on natural resources



38 project ideas:

- Database of plant resources - edible plants for anti/healthy-ageing
- Anti-acne products
- Transylvanian Cosmatopea Cluster
- Locally branded bio products
- In-house technology quality control and testing of ingredients and final products
- Smart packaging: anti-microbe protection and smart labels changing colour if expired
- Cosmetics and (para)pharma: From harmful to beneficial cosmetics

Horizontal support, peer learning & analysis

- Issues common to the partner regions and relevance to five policy objectives (especially PO1), associated enabling conditions and **fulfilment criteria**:
 - Governance, Monitoring and Evaluation (2,3,4,5)
 - Managing Industrial Transitions (6)
 - Transregional and transnational collaboration (7)
 - Crosscutting concerns - administrative capacity building and cooperation

RIS3 Governance: national and regional

- **Greece** – shifting focus from regional to national and articulation between them
 - Diffusing impact on REMTh and collaboration with national RIS3 network of regions
- **Romania** – success in 2 RO pilot regions led to full roll-out
 - Centralised strategy but JRC & REGIO working to develop governance, ecosystem, EDP and capacities to manage funding
- **Bulgaria** – challenge of centralised approach
 - Development of ecosystem (innovation hubs) and need to harness sub-regional potential
- **Spain and Italy** – lessons for national/regional coordination (e.g. monitoring)
 - LR project led to successful Interreg bids by ES and IT partners

Monitoring & Evaluation – system & impacts

- **JRC MOOC** initially developed with Lagging Regions
- **Monitoring** S3 priority areas
- **Combining functions:** measuring & accountability also communication & learning
- **No simple recipe:** good monitoring system requires significant knowledge of the territory and its strategy in all its complexity
- **Coordination** of national and regional RIS3 monitoring
 - cross-regional stakeholder working groups
- **Integration of evaluation** of RIS3 – efficient, appropriate, effective –
 - a well-functioning M&E system, the right governance? the right priorities? identifiable RIS3 impacts

JRC Massive Online Open Course

<https://iversity.org/en/courses/monitoring-smart-specialisation-strategies>

The screenshot shows a web browser window displaying the iversity website. The browser's address bar shows the URL <https://iversity.org/en/courses/sandbox-course-old-continent>. The website header includes the iversity logo, 'Part of SPRINGER NATURE', and navigation links for 'Courses', 'For Business', 'Blog', 'Deutsch', 'Français', 'Login', and a 'Sign up' button. The main banner features a blue background with white line art icons representing a network, a play button, and a gear. A central white box contains the course title 'Monitoring Smart Specialisation Strategies' by 'Dr Elisabetta Marinelli, Dr Carlo Gianelle, Dr Fabrizio Guzzo, and Ken Guy'. To the left of the title is the European Commission logo and 'Joint Research Centre'. To the right, a grey box lists 'MOOC' details: 'Self-Paced', 'English', and 'Management', with a green 'Enroll' button below. A 'FREE' tag is visible in the top right of the banner area. Below the banner, the 'About this course' section explains the course's focus on monitoring Smart Specialisation Strategies (RIS3) and its relevance to the European Union's Cohesion policy. The 'Who is this course for?' section states that the course is open to anyone interested in monitoring knowledge-based regional development. The 'Course instructors' section features a portrait of a woman. A 'Support' button is located in the bottom right corner of the page.

Monitoring Smart Specialisation Strategies

Dr Elisabetta Marinelli, Dr Carlo Gianelle, Dr Fabrizio Guzzo, and Ken Guy

Joint Research Centre

Build an effective monitoring system for your Smart Specialisation Strategy and help your region meet its long-term goals.

MOOC

- Self-Paced
- English
- Management

Enroll

FREE

About this course

Research and Innovation are crucial for meeting the socio-economic challenges of our times. This is why they are at the centre of the European Union strategy and its Cohesion policy. Indeed, countries and regions have designed a Research and Innovation strategy for Smart Specialisation (RIS3) to guide public investment in the coming years. To check whether their policies, investment decisions and projects are delivering, regions and countries need an effective monitoring system, and this course aims at supporting this process. This MOOC, organised by the Joint Research Centre of the European Commission (JRC), answers some of the key questions related to monitoring RIS3, addressing conceptual, policy and empirical aspects.

Who is this course for?

This course is open to anyone interested in monitoring knowledge-based regional development, and in particular monitoring Smart Specialisation Strategies. Whilst it is designed with EU regions and member states specifically in mind, the principles and ideas discussed should be of relevance to a broader audience.

Course instructors

Support

Managing Industrial Transitions

- Addressing the challenge of deindustrialisation (DG REGIO Pilot Action: *Regions in Industrial Transition*)
- Exploring the central role of RIS3 strategies in responding to deindustrialisation
- How best to support regions in better tailoring RIS3 to the specific challenges of industrial transitions?
 - Detailed analysis of key issues with hands-on engagement and mutual learning activity with stakeholders in both lagging and transition regions.
 - Expert review and workshop
 - Mutual learning working group



Project website – major update in progress!

<http://s3platform.jrc.ec.europa.eu/ris3-in-lagging-regions>

Thank you!

