

The European Commission's science and knowledge service

Joint Research Centre



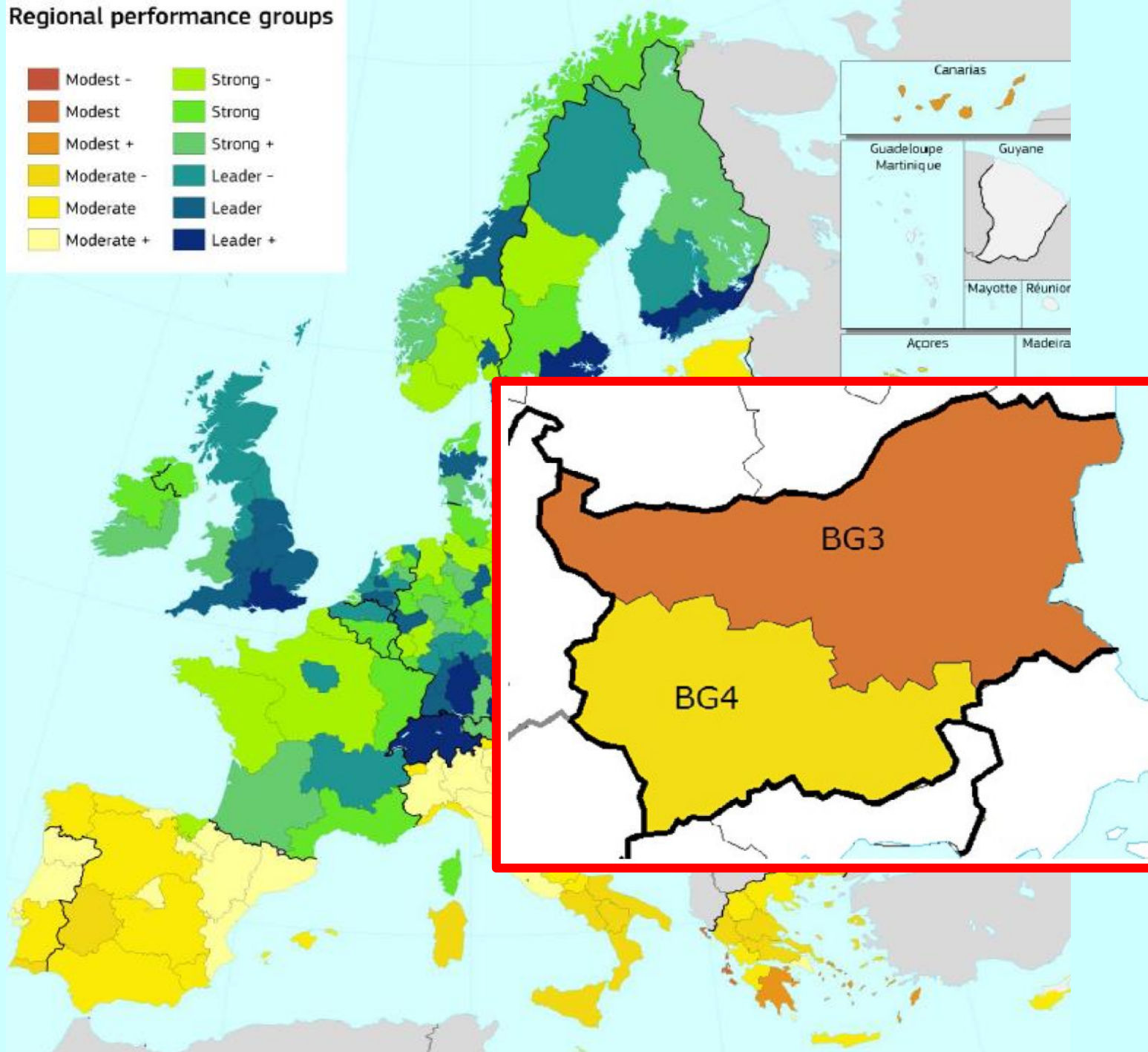
RIS3 Support to Lagging Regions

Elisa Gerussi

JRC.B3 Territorial Development

Gabrovo, 16th November 2017

Regional performance groups



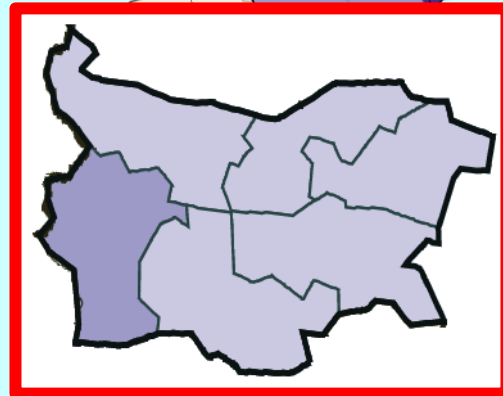
Regional Innovation Scoreboard 2017

Innovation divide in Europe

R&D Expenditure

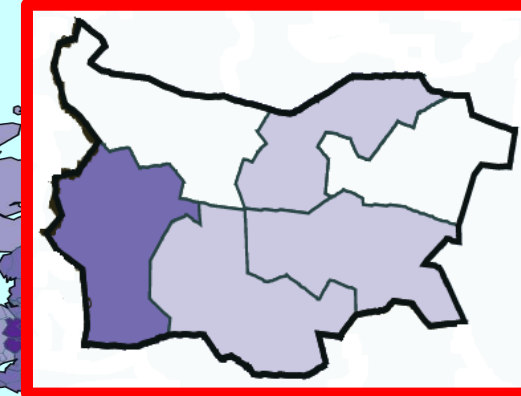
R&D Expenditure total –
% GDP (2013)

Severen Tsentralen:
0.15%



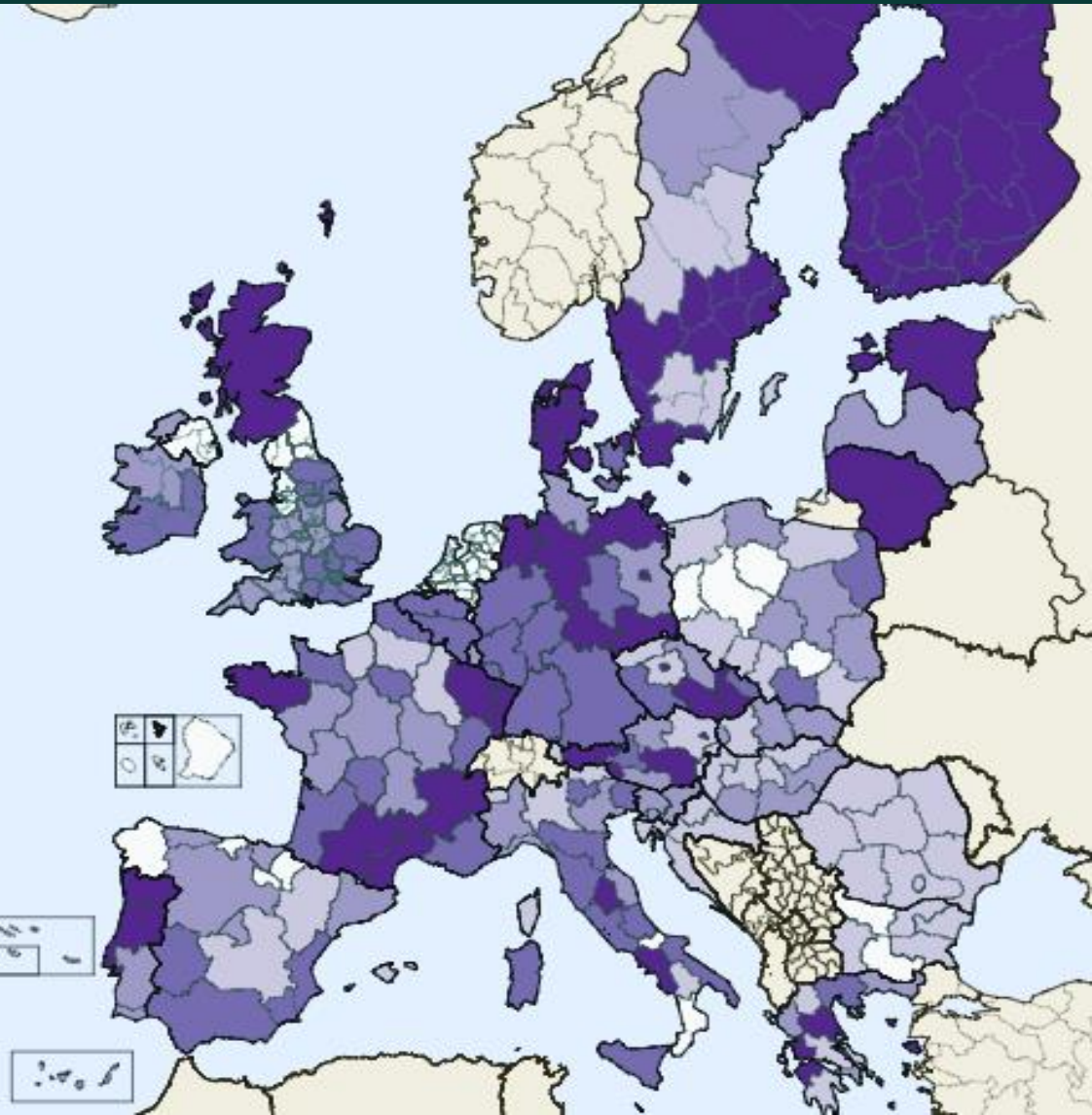
R&D Expenditure Business
sector –
% GDP (2013)

Severen Tsentralen:
0.11%



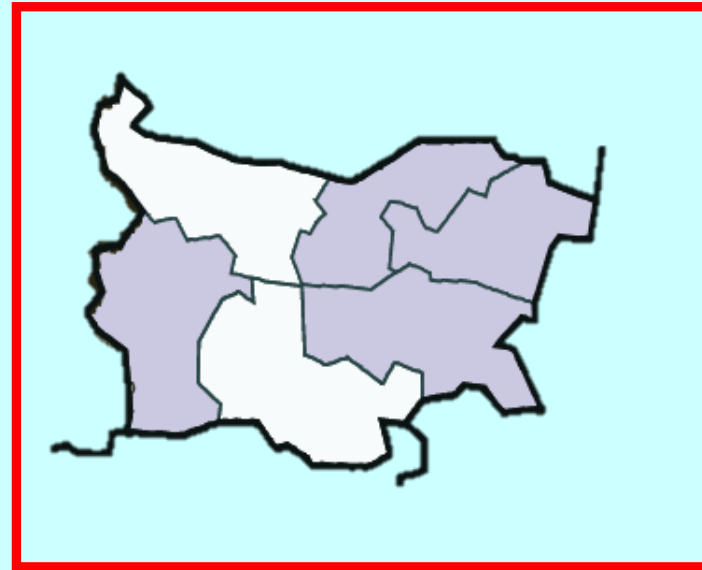
Innovation divide in Europe

R&D Expenditure



R&D Expenditure – Higher Education Institutions, % GDP (2013)

**Severen Tsentralen:
(0.02%)**



Smart Specialization Strategies (S3)

Programming 2014-2020 – *Ex ante* conditionality

Identification of R&D investment priorities with focus on competitiveness and market potential

Place-based and bottom-up approach

Participation: engagement of triple (or quadruple) helix

Research and Innovation as a catalyst of development

Targeted support to S3 implementation

Two Projects – Four Work Packages

Lagging Regions

Stairway to Excellence

RIS3 Support
to Lagging
Regions

RIS3 Support
to Romania

Higher
Education in
Smart
Specialisation

Stairway to
Excellence

2016-2018

2016-2018

HESS2 - 2017-8

S2E –3 2017-8

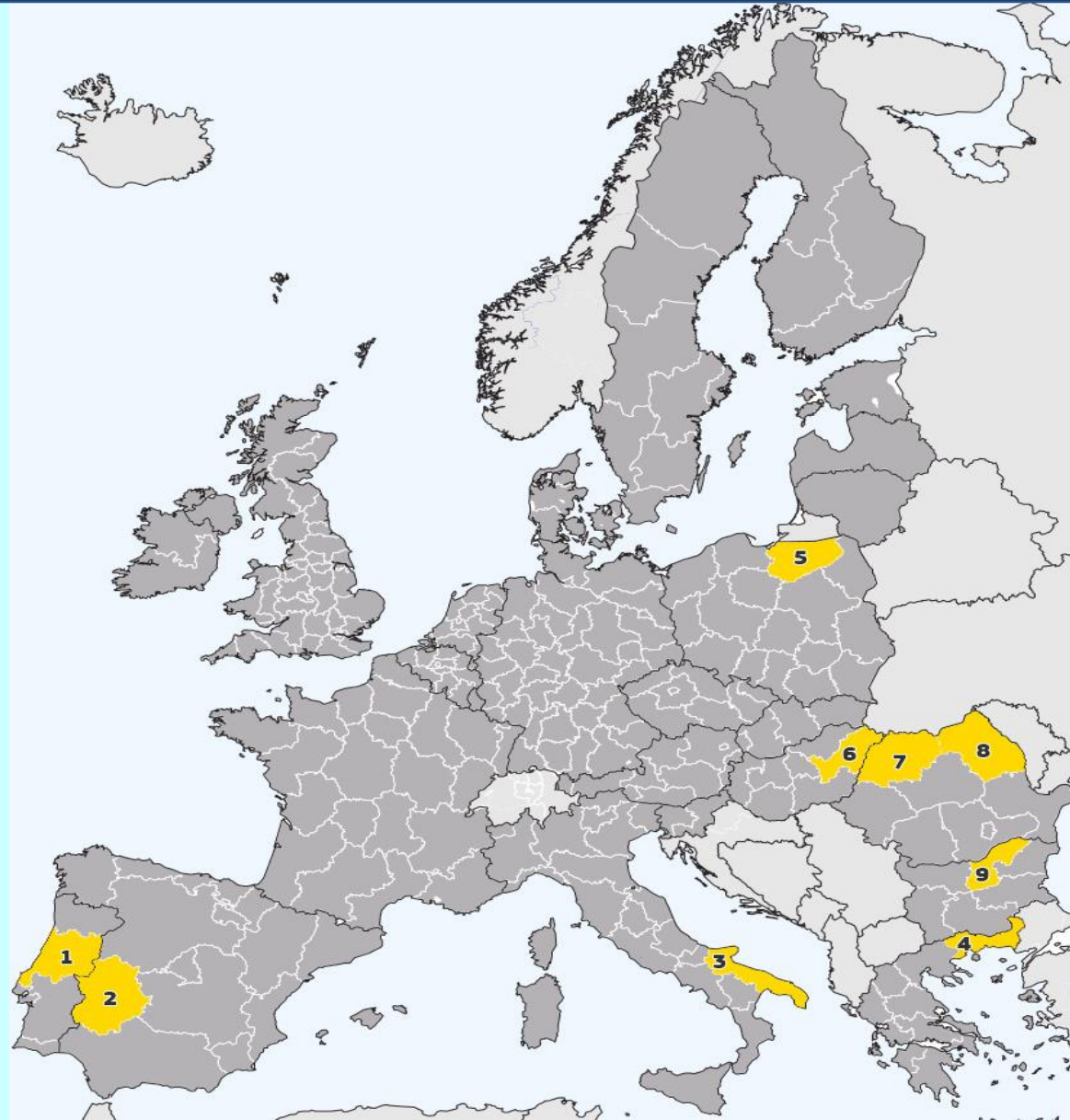
Lagging Regions: aims and coverage

Support the refinement and implementation of the S3 of selected EU regions

Develop and enhance linkages between RIS3 at regional and national levels

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

History...

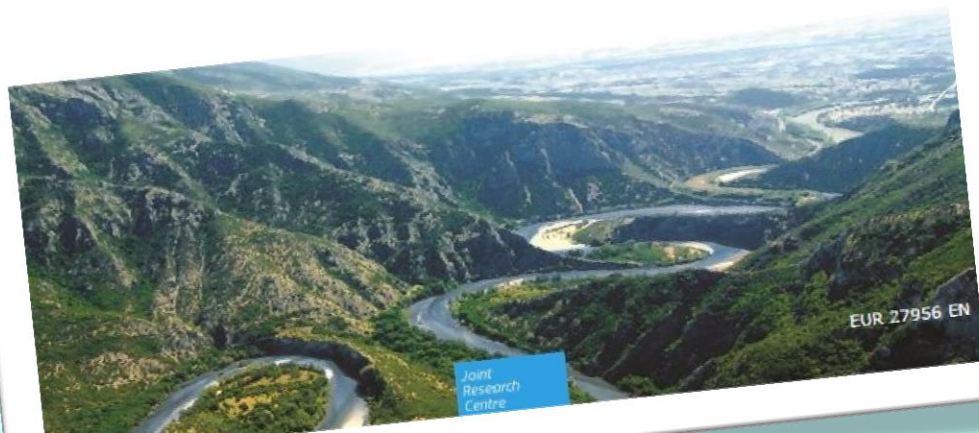
JRC TECHNICAL REPORTS

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



EUR 27956 EN

Joint
Research
Centre

- 2015
- EP – Preparatory Action
- AA - DG REGIO

Impacts of Preparatory Action

Trust building and commitment

- Willingness/openness to collaborate
- Increased trust in the quadruple helix
- Approach 'exported' to other regions

Enhanced understanding of RIS3

- Focus on the process and the ideas emerging
- Need to align regional strengths, international trends and opportunities

Participatory capacity building

- Increased participation of stakeholders in policy activities (EDP focus groups, working groups, online consultations)

Identifying Challenges

- Legal and administrative
- Capacities and experiences

Lagging Regions Toolbox

Objectives	Tools
Idea generation, trust building and support cooperation	EDP focus group methodology
Open up to wider (online) communities	Online stakeholder engagement
Address brain drain, build skills	Mobility Working Group
Increase coordination between national and regional levels	Methodology PDL1
Widen funding sources to draw on for idea implementation	Methodology PDL2
	Online RDI Funding Guide
	Case descriptions
Optimise RIS3 governance structure	Governance working group
Support ongoing stakeholder engagement, Identification of barriers and possible solutions, Mutual learning	Stakeholder round table discussions
	Tailored peer review events
	Board of critical friends

Lagging Regions: Horizontal Activities

Governance

- long-term sustainability of the EDP process
- relationship between national and regional levels
- synergies between structural funds and other resources
- Questionnaire survey and working group

Monitoring and evaluation

- Working Group – experts and Mutual learning
- Development of MOOC

Transnational cooperation

- Workshop on interregional collaboration

Step by step support to local communities

1. Exploratory visits

- Participation in local events and international conferences on local development
- Meetings with local RDAs, chambers of commerce, administrations, universities and RDI institutions, business, local clusters, NGOs, ministries, government agencies

2. Support to EDP (methodology, Focus Groups, experts, etc.)

- EDP Focus groups
- Methodological support
- Mobilisation of international experts in the EDP focus groups and engagement of 4H stakeholders in regions
- Inclusion of local cases in the JRC surveys (continuous EDP, monitoring, governance...)

3. Project Development Labs (PDL)

- Aim: further development of proposals from EDP Focus Groups and identification of suitable funding sources by inviting national and regional experts in EC funding, NCPs
- External expert analysis of the sectors selected: potential finding sources, main implementation steps and bottlenecks

Targeted Support to RIS3

Business idea as main driver

Business idea

E.g. use of wine-making residues

Idea decomposed

Research and innovation components and fundability

Idea refined

Partners, business and research aspects, roadmap, funding sources

EDP focus group

Project Development Lab 1
(PDL 1)

Online consultation and
PDL 2

Bottlenecks for implementation

Peer review
Board of critical friends

Analysis of role of KETs

Mapping international R&I collaborations

Working groups
Mobility & Governance

RDI funding guide
and case studies

Technical meetings
regional/national/EU

State aid issues

Avoid double funding between national/regional calls

Sustainability/viability

Role for KETs

Need for champions/leaders

Address training needs

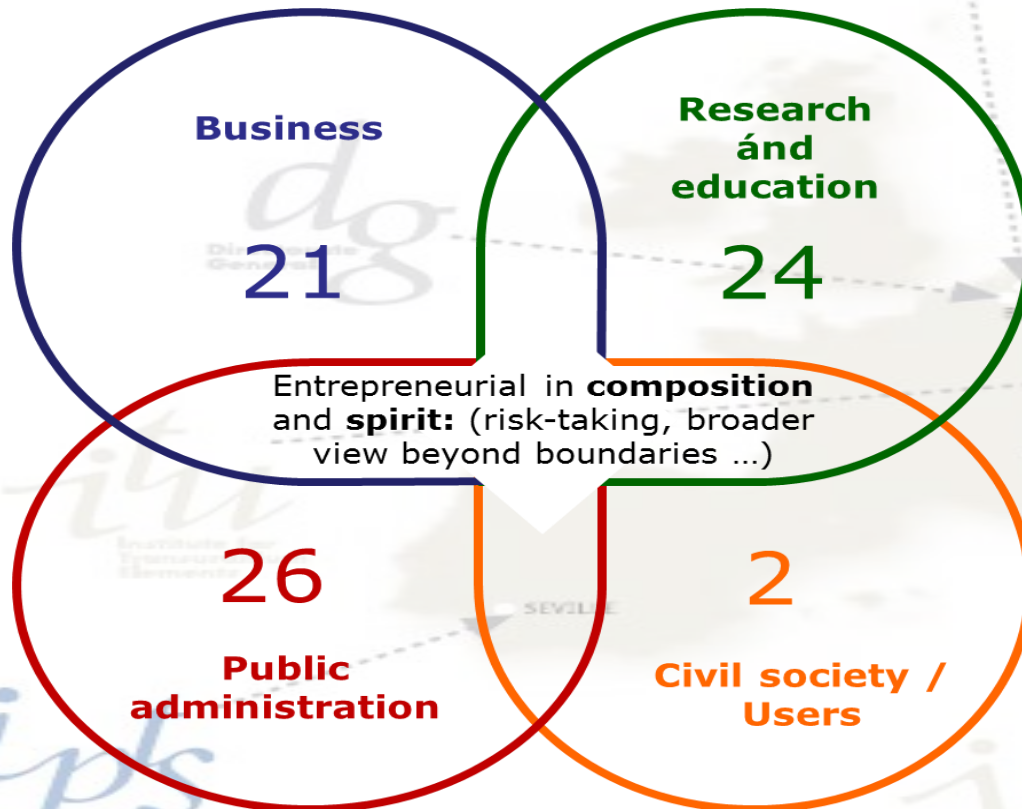
International scope



EDP – the Romanian case

Stakeholder representation (Quadruple helix): 73 participants

38 business ideas generated



Examples of business ideas:

- Database of plant resources - Edible plants consumed traditionally for anti-ageing / healthy ageing purposes
- Anti-acne products - testing efficiency locally
- Transylvanian Cosmatopea Cluster
- Locally branded bio products
- In-house technology for determination of own natural cosmetic products' validity date and for quality control of ingredients and final product
- Smart packaging: with anti-microbe protection or smart labels changing colour if expired

Key role for international stakeholders

The Lagging Regions Project in Bulgaria

Activities undertaken:

1. Exploratory visits

- JRC participation in Gabrovo Innovation Camp 2016
- Gabrovo participation in the Ghent peer review on urban integrated sustainable development in 2016
- Participation in the international RIS3 monitoring working group (1st meeting in Barcelona 2016)
- JRC participation in Gabrovo Innovation Camp 2017

The Lagging Regions Project in Gabrovo

In the pipeline:

2. Support to EDP (methodology, Focus Groups, experts, etc.)

- EDP Focus groups in early 2018 → project ideas
- Mobilisation of international experts in the EDP focus groups

3. Governance

- Overview of opportunities and bottlenecks in local governance (structure, process of development, state of implementation including use of European funds)
- Participation in JRC governance survey
- Participation in 2 JRC governance workshops in Spain

4. HESS

- In depth analysis of the educational system – specialization areas development relationship
- Further joint activities in 2018

iTHANK YOU!

RIS3 Support in Lagging Regions:

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

Higher Education for Smart Specialisation (HESS):

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

Stairway to Excellence (S2E):

<http://s3platform.jrc.ec.europa.eu/stairway-to-excellence>