The European Commission's science and knowledge service

"Upcoming Steps in Smart Specialisation in the Western Balkans"

Western Balkans Research and Innovation Meeting
Sarajevo, 26-27 March 2019

Dr. Ales Gnamus – S3 Platform, JRC Seville

JRC B.3 Territorial Development
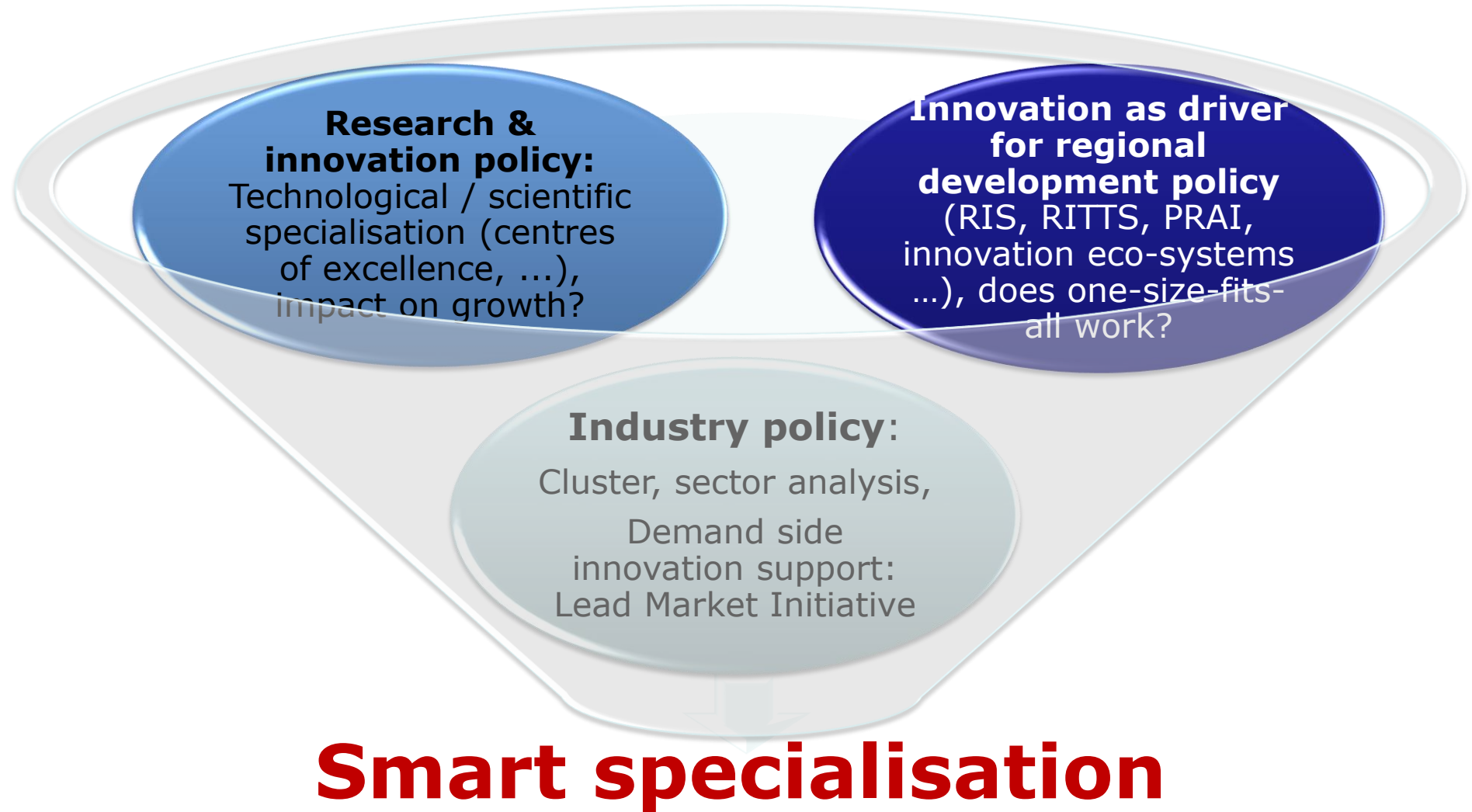https://s3platform.jrc.ec.europa.eu/
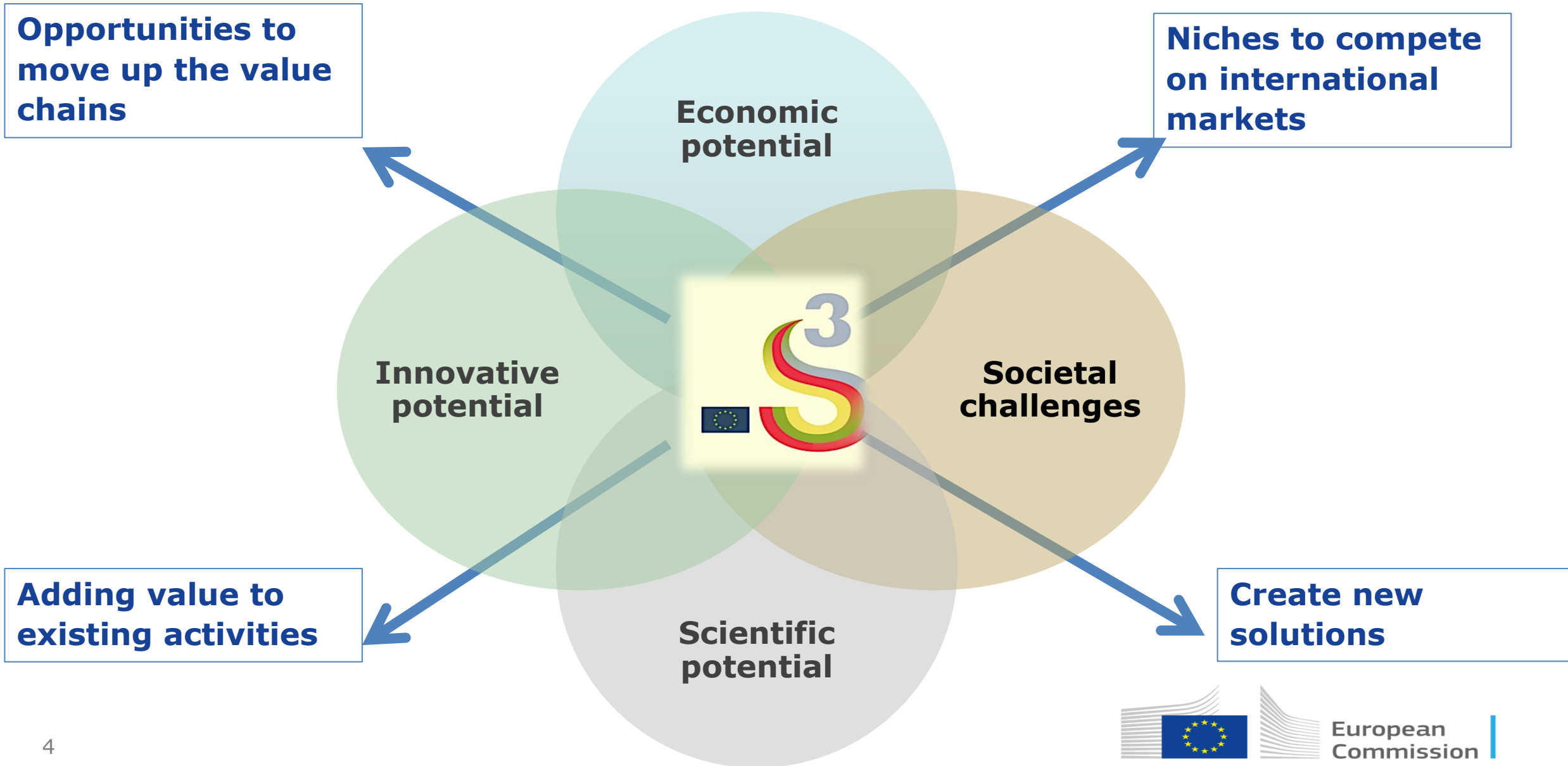
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Innovation in Support to Policies:

S3 as the Enabler of fully functioning Innovation Ecosystems → Boosting Capacity Building for Innovation...
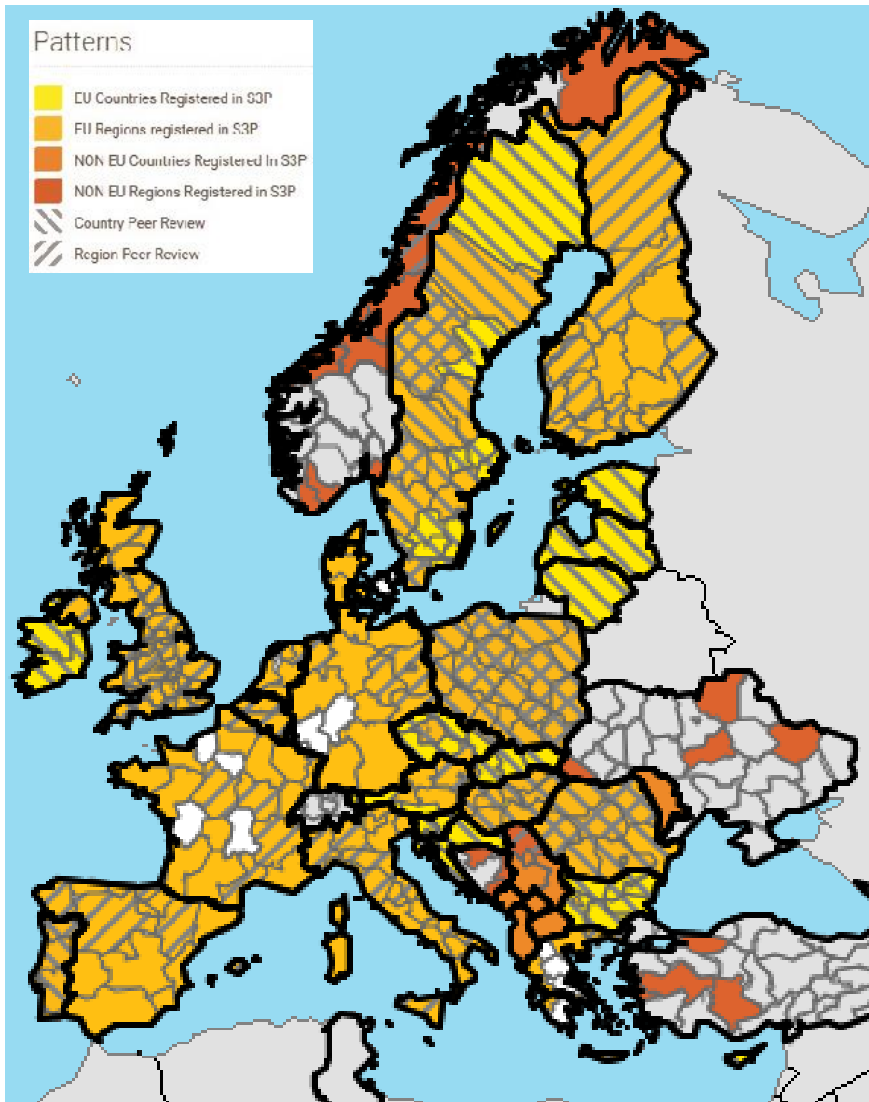
Origins of RIS3

Research & innovation policy:
Technological / scientific specialisation (centres of excellence, …), impact on growth?

Innovation as driver for regional development policy
(RIS, RITTS, PRAI, innovation eco-systems …), does one-size-fits-all work?

Industry policy:

Cluster, sector analysis,

Demand side innovation support: Lead Market Initiative

Smart specialisation

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Concept of smart specialisation (S3)

Opportunities to move up the value chains

Niches to compete on international markets

Economic potential

Innovative potential

Societal challenges

Scientific potential

Adding value to existing activities

Create new solutions

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Smart Specialisation Platform

Membership open to the regions/countries beyond the EU!

Broad membership: 198 regions, 25 countries (incl. non-EU: RS, MD, ME, AL, XK, MK & regions from BA, NO, RS, UA & TR)

Strong endorsement by national/regional policy makers: average 4.5/5 satisfaction ranking

High "fidelisation rate": >50% of regions attending workshops come back

Strong Political endorsement at EU level: EC, EP, CoR, Council

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Main activities of the S3 Platform

Support to lagging regions & Synergies ESIF-H2020 "Stairway to excellence"

S3 Knowledge Base: Guidance and Analysis, RIS3 Guide, DA Toolbox, S3 publications, S3 Seminar Series on Territorial Development

S3 Website & Newsletters

S3 Interactive web tools: Eye@RIS3, etc.

Trans-national Peer Reviews (in total 75 regions/countries)

Peer eXchange & Learning - thematic focus on actors, process, common features and priorities

RIS3 assessment and support to REGIO desks

Support to the EU Macro-Regional Strategies & Alignment of innovation roadmaps

Focused approach on Value Chains - Thematic S3 Platforms (TSSP): Energy, Ind. Modernisation , Agri-Food + more to come…
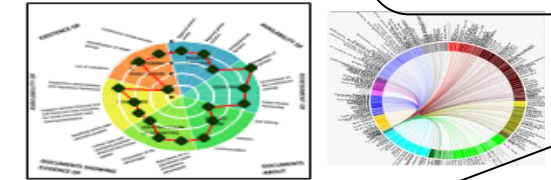
Smart Specialisation beyond Europe

JRC S3 Platform's S3 Framework for E&N countries in support to smart specialisation in the H2020 associated countries:

- Advanced S3 activities: **Montenegro & Serbia**

- Initiated S3 activities: **Albania & North Macedonia**
                                    + Neighbourhood: Moldova & Ukraine

- Initial S3 awareness activities: **Turkey**
                                           + Neighbourhood: Tunisia & Georgia

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Timeline of the JRC S3 activities in support of the E&N countries

"Smart Danube" - Horizontal JRC support activity to the EU Macro-regional Strategy for the Danube

2013	2014	2015	2016	2017

- S3 trainings in Belgrade & Skopje (RS/MK)
- S3 for Danube seminar

- Peer review in Novi Sad (RS)
- S3 for Danube workshop

- JRC Annual EUSDR Event with particular attention to non-EU Danube partners

- S3 design WS in Chisinau (MD)
- JRC S3 info day in Kiev (UA)

- Launch JRC S3 pilot project for **Serbia, Moldova, Ukraine** + later **Montenegro**

R&D and Innovation in Western Balkans
Moving Towards 2020
Ines Marinkovic and Elke Dall, Editors

wbc-inco.net

INFORMATION EVENT ON
Research and Innovation Strategies for Smart Specialisation (RIS3)
15 September 2016
National Academy of Sciences of Ukraine, Great Conference Hall, Kiev

S3 Framework for E&N Countries

FINAL S3 STRATEGY

INSTITUTIONAL CAPACITY FOR IMPLEMENTATION

Step 1!

INSTITUTIONAL CAPACITY BUILDING

ENTREPRENEURIAL DISCOVERY PROCESS

MAPPING EXERCISE

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JRC S3 Framework for E&N Countries

- Decision to start S3
- Analysis of strategic mandates

1. Institutional capacity building

- Quantitative analysis
- Qualitative analysis

2. Mapping exercise

- EDP training
- Consultation with stakeholders in workshops
- EDP input for S3

3. Stakeholder dialogue

- Design of monitoring system
- Creation of mechanism for implementation

4. Institutional capacity for implementation

- Draft strategy consultation
- Final draft submission
- National approval
- EC approval

5. Final strategy approval

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JRC S3 Framework for E&N Countries

Stage of the process	Organization and coordination by national partners	Research input (local and international experts)				JRC support	Description
1. Decision to start smart specialisation process	Establishment of national S3 team	Not needed				Awareness events	National team should include: • the representatives of all ministries whose mandate is regional policy, scientific and innovation policy, economic development • representatives of National Statistical Office • representatives of National Patent office • regional representatives (if agreed)
	Agreement with JRC					Training of national S3 team	Agreement with JRC includes a roadmap, mutual obligations and criteria for common work and assessment of final document. It is signed by the head of national S3 team and head of JRC team
2. Analysis of strategic mandates	Overview of existing policies and priorities relevant for S3					Guidance	The purpose of this stage is to identify the existing economic, scientific or innovative priority domains and policy means to support them
3. Analysis of existing economic, scientific and innovative potential (quantitative)	Provision of statistical data	**Quantitative mapping** (combination of sources to be agreed)				Methodology of data collection and analysis	For quantitative mapping following data is needed: - industrial subsectors (NACE rev. 2, 3 or 4 digit, 5-10 year period): • Employment • Value added • Number of companies • Wages • Share of innovative companies (CIS indicators) - product groups or subsectors: • Exports - areas of science • Scientific publications • Patents - education profiles:
	Involvement of local experts	Statistical data	(Grey) Literature	International databases	Representative survey	Guidelines for experts	
	Provision of reports and policy documents	Result: Preliminary priority domains				Expert fees (if needed)	
	Organising survey (if industrial statistics are not sufficient)					Survey methodology (if industrial statistics are not sufficient)	

JRC S3 Framework for E&N Countries (cont.i)

						• Number of students/graduates at vocational schools • Number of students/graduates at HEI • STEM graduates
4. In-depth analysis of priority domain (qualitative)		**Qualitative mapping** (combination of sources to be agreed)			Methodological guidance	Specific value chains for priority domains have to be identified together with challenges and trends. If interviews are considered, 5-15 interviews with key organisations should be conducted per preliminary priority domain.
	Organisation of interviews	In-depth interviews	Focus groups	Case studies	Expert fees (if needed)	
		Result: Verified priority domains with challenges and trends				
5. Decision on priority domain for EDP	Common panel (national S3 team, experts, JRC)					The panel should define the priority areas for which EDP working groups will be established
6. Identification of stakeholders	Lists of innovative companies, cluster members, chamber of commerce etc.	Network analysis			Methodological guidance	Objective network analysis of scientific and innovation cooperation is recommended but not obligatory
7. Definition of EDP working groups	Issuing of invitations with plan of EDP workshops	Not needed			Not needed	The working groups should well represent the value chains identified in qualitative mapping for each priority domain. Minimum 30-50% of participants have to be companies. The rest of members should be operational representatives of research bodies, intermediaries and government agencies active in the priority domain
8. Entrepreneurial discovery process (EDP)	Organisation of a series of related workshops for EDP working groups				Methodological guidance	Series of workshops for each priority domain: • EDP kick-off conference presenting all priority domains • SWOT analysis • Vision for the future and name of priority domain • Policy mix (objectives and actions with indicators)
					Training of EDP coordinators and facilitators	
9. Design of monitoring, implementation and financing system	Assigning tasks within the government structure				Methodological guidance	Monitoring system has to include general and priority-specific indicators according to the logic of intervention plus transparency measures for continuous EDP

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JRC S3 Framework for E&N Countries (cont.ii)

				Implementation system has to include clear division of responsibilities for implementation of planned actions and achievement of the results
			Help in identification of external financing sources	Financing system has to include feasible sources of financing of the planned actions
10. Preparation of draft S3 strategy document	Preparation of the strategy		Guidance	The draft document has to fulfil S3 Platform requirements and undergo formal consultation procedure
11. Final consultation with stakeholders	Organisation of the event		Guidance	All the EDP working groups, other interested stakeholders and decision-makers should be represented
12. Assessment of the strategy	Sending the document for approval		Assessment in cooperation with DG NEAR	The strategy will be assessed based on criteria described in the initial agreement
13. Formal approval	Adoption by relevant authority		Announcement on official webpage and in internal EC communication	The S3 strategy has to be a part of the general strategic framework of the country and be formally adopted following the existing procedures

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S3 in the EU Enlargement countries - March 2019
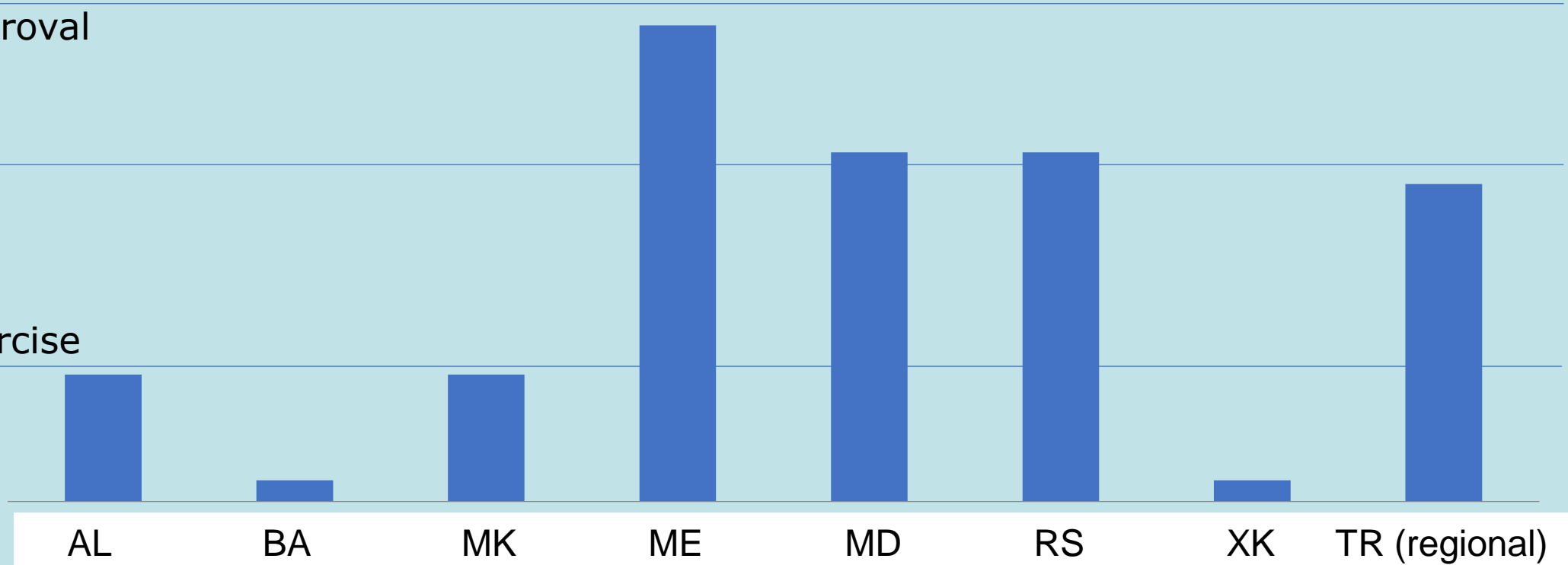
JRC S3 Enlargement countries' activities 2019

- **Country Fiches:** Smart Specialisation in the Western Balkans and Turkey

- **Country Pages:**

S3P-Website "EU Enlargement"

Upcoming activities 2019-2020 – through relevant programmes/cooperation frameworks

- **AA with DG NEAR: Q2/2019-Q2/2022 focusing Enlargement countries:**

- Western Balkans and Turkey with some potential spill-overs for Neighbourhood countries

- EDP trainings & other events for WB6 & Turkey – planned but kick-off depends on the AA signature!

- Numerous S3 related activities planned across the region – few started prior project commencement

- **EU Macro-regional Strategies Annual Forums and Events with E&N countries** (Danube, Adriatic-Ionian)

+ Travel, Accommodation and Conference Facility (TAC) - IPA funding for meetings/conferences involving candidate countries and potential candidates.

+ TAIEX (Technical Assistance and Information Exchange instrument of the EC)

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Thanks for your Attention!

Any questions?

You can find us at http://s3platform.jrc.ec.europa.eu/home

Ales.GNAMUS@ec.europa.eu

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