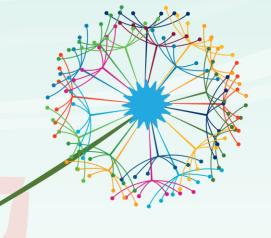


Monika Matusiak

Smart Specialisation for Sustainable Development Goals









What I will talk about:

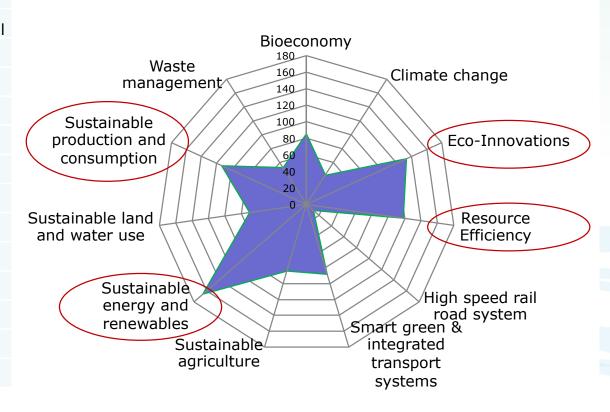
- The state of play on S3 for SDGs
- Policy context
- Methodological developments
- Next steps



The state of play



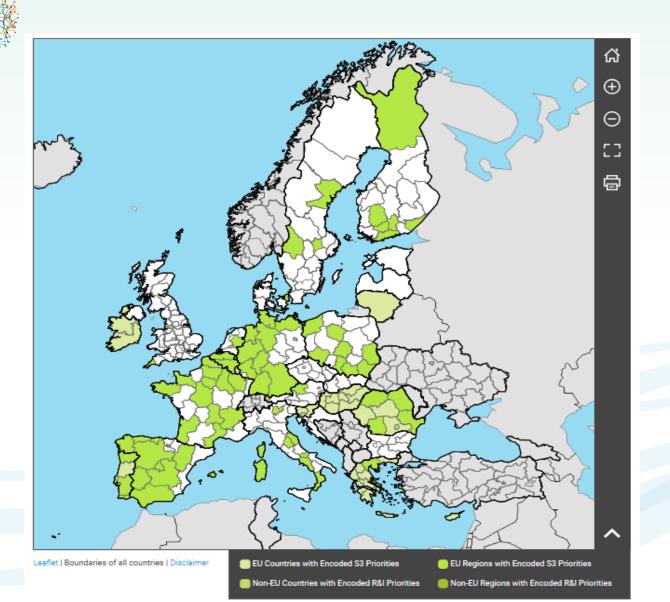
		Priority level	
Policy objective	N	National	Regional
Bioeconomy	85	11	74
Climate change	42	9	33
Eco-Innovations	133	12	121
Resource Efficiency	118	21	97
High speed rail road system	11	2	9
Smart green & integrated transport systems	88	12	76
Sustainable agriculture	84	9	75
Sustainable energy and renewables	166	19	147
Sustainable land and water use	70	11	59
Sustainable production and consumption	113	17	96
Waste management	53	7	46



Source: Rakhmatullin, Ruslan and Fatime Barbara Hegyi, Thematic S3 Partnerships: Working together towards the Global Goals. Forthcoming, 2020.





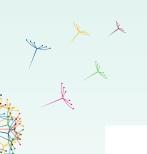


Example: European Union regions and countries investing in priority domains such as cleaner environment, energy-efficient networks and low energy computing

Read more:

http://s3platform.jrc.ec.europa.eu/home Source: European Commission, Joint Research Centre





S3 Cooperation

EU Enlargement

EU Neighbourhood

International Cooperation

EU for Arctic

Sustainable Development Goals

Pilot methodology

National inspirations

- S3 for SDGs in Australia
- · S3 for SDGs in Croatia
- S3 for SDGs in Poland
- S3 for SDGs in Malta
- · S3 for SDGs in Cyprus
- S3 for SDGs in Norway
- S3 for SDGs in Serbia
- S3 for SDGs in Moldova

Regional inspirations

Urban inspirations

International partnerships

Contacts

National inspirations



S3 for SDGs in Croatia



S3 for SDGs in Poland



S3 for SDGs in Malta



S3 for SDGs in Cyprus



S3 for SDGs in Norway



S3 for SDGs in Serbia



















Policy context





How do we achieve the #GlobalGoals by 2030?



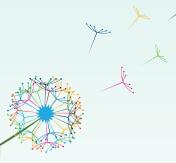
Mobilize everyone, everywhere



Demand urgency and ambition



Design new innovations and solutions



Towards Smart Specialisation Strategies for Sustainability

New EC priorities

The European Green Deal

Including societal and environmental aspects in the whole S3 process, from design to implementation:

- updated methodology
 - impact assessment
- monitoring indicators
 - test applications

Stronger Europe in the World

Smart Specialisation as one of the **global methodologies** for the STI Roadmaps for SDGs

- contribution to the UN Guidebook
- UN Background paper on methodologies
- key strategic partner in the Global Pilot Programme
 - Serbia as a pilot country

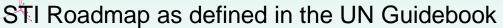




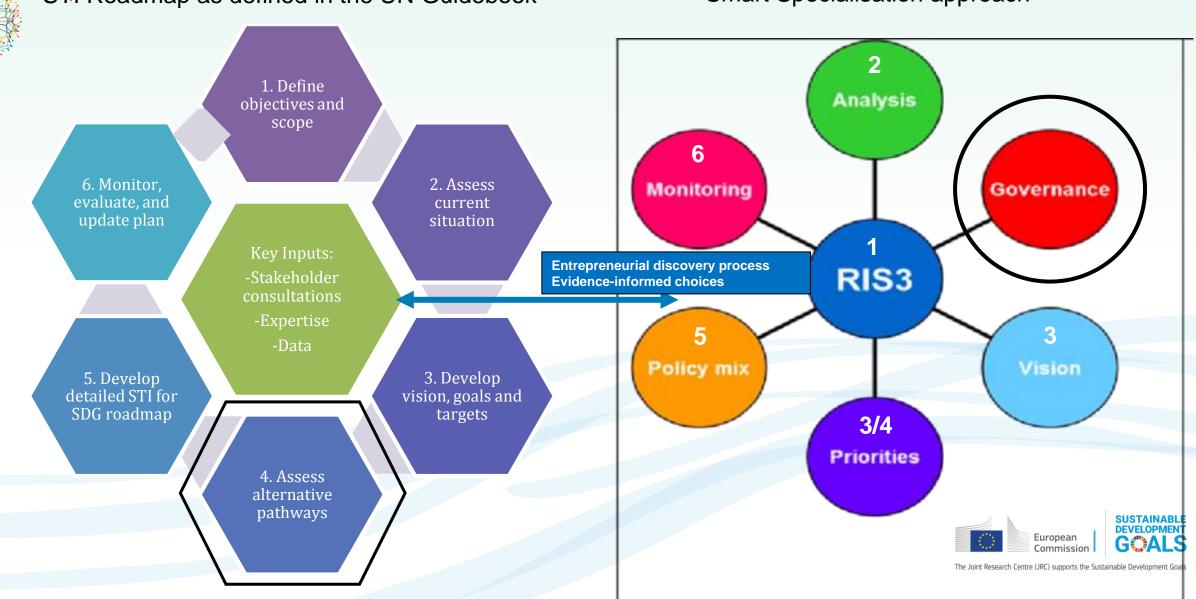
Methodological developments



S3 as an STI Roadmap

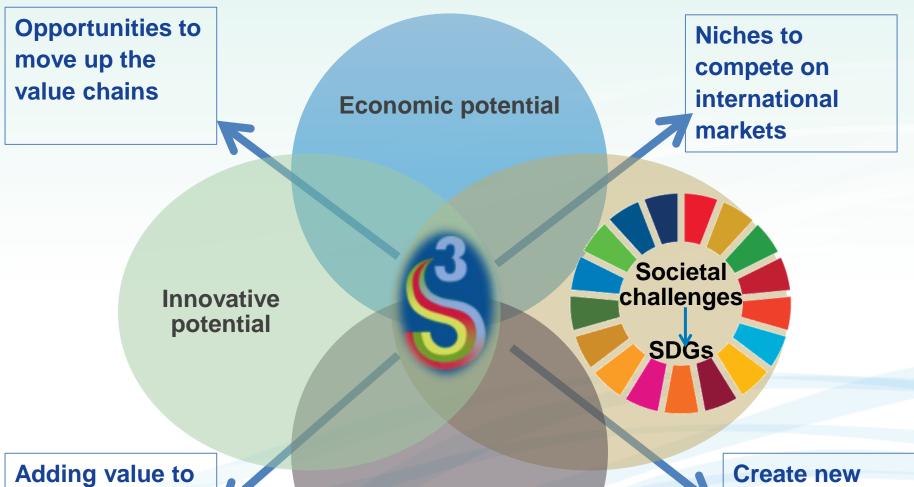


Smart Specialisation approach



The concept of smart specialisation





Adding value to existing activities

Scientific potential

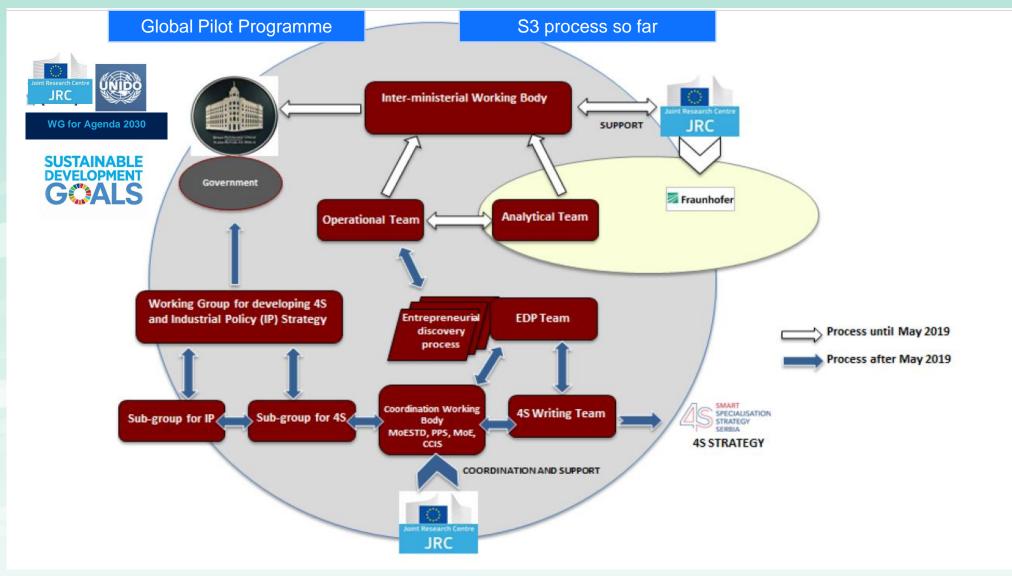
Create new solutions







Pilot activity in Serbia



Source: Serbian Smart Specialisation Team









Analysis of Serbian SDG-related assessments and policy documents Statistical assessment of the gap in the SDG indicators with EU countries

lth

MEDIUM Indicated Goal 3th gap

medium-sized gap with leading EU countries

Rank and share of Goal 7 in the STI analysis

This table presents the rank of Goal 7-related STI activities, in relation to the rest of goals. For publications and H2020 projects, the share vs. EU27 provides a notion of relative specialisation.

Publications	
(out of 16 goals)	
and Ond	

3.2%

Serbia

2nd 3.8%

Horizon 2020 (out of 14 goals)

2nd 1st 13.3% 12.2% Serbia EU27

Innovation Fund (out of 11 goals)

2nd 9.3% Serbia

Patents (out of 10 goals)

9.0% Serbia

Scientific impact of Goal 7-related publications

% of publications in TOP10% journals

Normalised citation impact (vs. Serbian pubs.)

24.0%

Serbian average = 10.2%

1.4

Serbia = 1

Active organisations in Goal 7-related STI activities

This table presents the number of organisations engaged in Goal 7-related STI activities, providing a notion of critical mass and international linkages.

N. of organisations in publications | N. of organisations in Horizon 2020

103

330

International

Horizon 2020

25

National

3///
International

N. of orgs. in Innovation Fund

18

National

N. of orgs. in patents

> 4 National

Relation with other goals and with smart specialisation

11%

Similarity

MOST RELATED GOALS

13 ELMATE ACTION

14% Similarity



_ ___

Energy Efficient and Eco-Smart Solutions Food for Future Key Enabling Technologies

MOST RELATED S3 PRIORITY DOMAINS

Pilot activity in Serbia

Methodological steps:

- Assessment of national SDG framework in Serbia
- Statistical assessment of key challenges
- Stakeholder validation
- Scientometric analysis of the STI potential for SDGs
- Description of knowledge/competence gaps
- Identification of national and international STI networks

See more here:

https://s3platform.jrc.ec.europa.eu/pilot-methodology



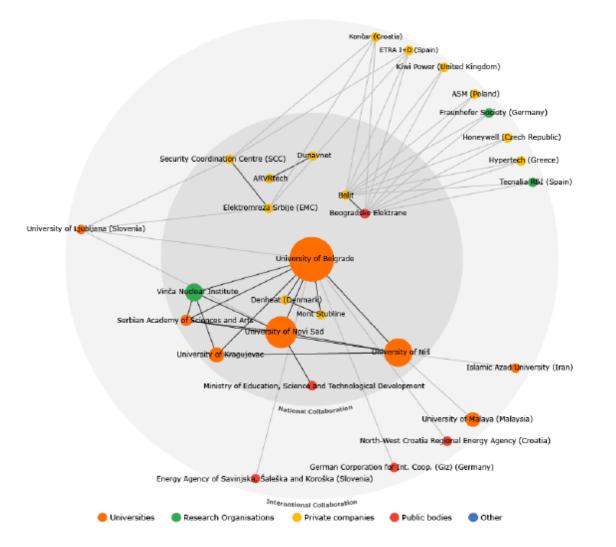




Goal 7: Affordable and Clean Energy

SDG-oriented STI collaboration networks

The following schema presents the collaboration network of the top 15 national and top 15 international actors engaged in Goal 7, classified by typology of organisation.



Pilot activity in Serbia

Serbian STI for SDGs networks

Key national and international partners who can be mobilised to address SDG challenges

See more here:

https://s3platform.jrc.ec.europa.eu/pilot-methodology





Next steps



Next steps

- Next step in pilot activity in Serbia:
 - to develop an STI for SDGs Roadmap as and Action Plan for Smart Specialisation Strategy
- Next steps in S3 for SDGs:
 - To test the approach in interested EU countries and regions
 - To try sectoral STI for SDG approaches
 - To work with more countries in the UN Global Pilot Programme
 - To cooperate with IATT on capacity building for STI for SDGs
 - To develop an online capacity-building module on STI for SDGs





If you want to be join our work

- Let us know about our case:
 - fill the questionnaire for <u>cities</u>, <u>regions</u>, <u>countries</u> or for <u>international partnerships</u>
- Contact us:
 - https://s3platform.jrc.ec.europa.eu/sustainable-developmentgoals





Thank you for your attention!

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