S3 development process as improvement of STI framework for SDGs

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Serbia and Agenda 2030

- The Republic of Serbia have been pursuing the EU integration agenda, which provides a platform to integrate the SDGs as a mutually-reinforcing agenda;
- All policy documents should integrate the Agenda 2030;
- In 2015 - first inter-ministerial working group for monitoring the implementation of the 2030 Agenda and achievement of SDGs established;
- Serbia has taken significant steps towards the comprehensive reform of science and research system aimed to improve their relevant and excellence for the economic development;
- In 2017 - The Republic of Serbia has started preparation process of Smart Specialisation Strategy (S3) on national level;
- Good time for synergy between S3 and Agenda 2030;

SUSTAINABLE DEVELOPMENT GOALS

4S SMART SPECIALISATION STRATEGY SERBIA

Smart Specialisation Strategy in Serbia
4S Process

- Initiated in 2017 by MoESTD in partnership with relevant stakeholders
- Strong support of the EC Joint Research Centre (JRC)

Institutional Capacity
The official decision to start the process: Ministry of Education, Science and Technological Development

Quantitative Analysis
Access current situation of the economic, innovative and scientific potential in Serbia.

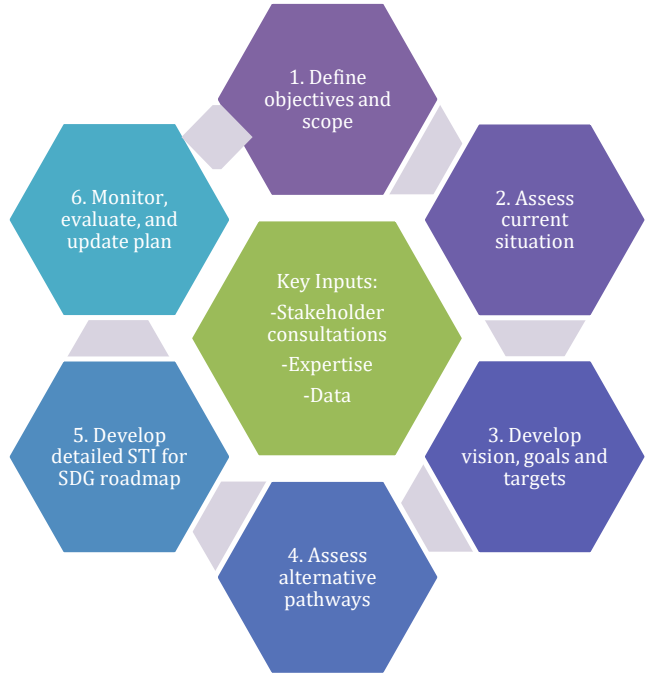
Qualitative Analysis
Total of 178 inteviews conducted with key stakeholders

EDP
Bottom-up consultative process- participants from business sector (57%), government (10%), academia (21%) and civil society (12%).

Policy Mix
Specific goals
Measures
Indicators

Monitoring and Evaluations system
- **EDP** continuity - long term dialog between all stakeholders

Final Strategy document
- Preparation of Draft Strategy
- Consultations with stakeholders
- EC approval
- Formal Approval



6 step approach - UN Guidebook on Development of STI Roadmaps for SDGs

Serbia's Smart Specialisation priorities: based on mapping of scientific, innovative and economic potential with a regional dimension

SMART SPECIALISATION STRATEGY SERBIA

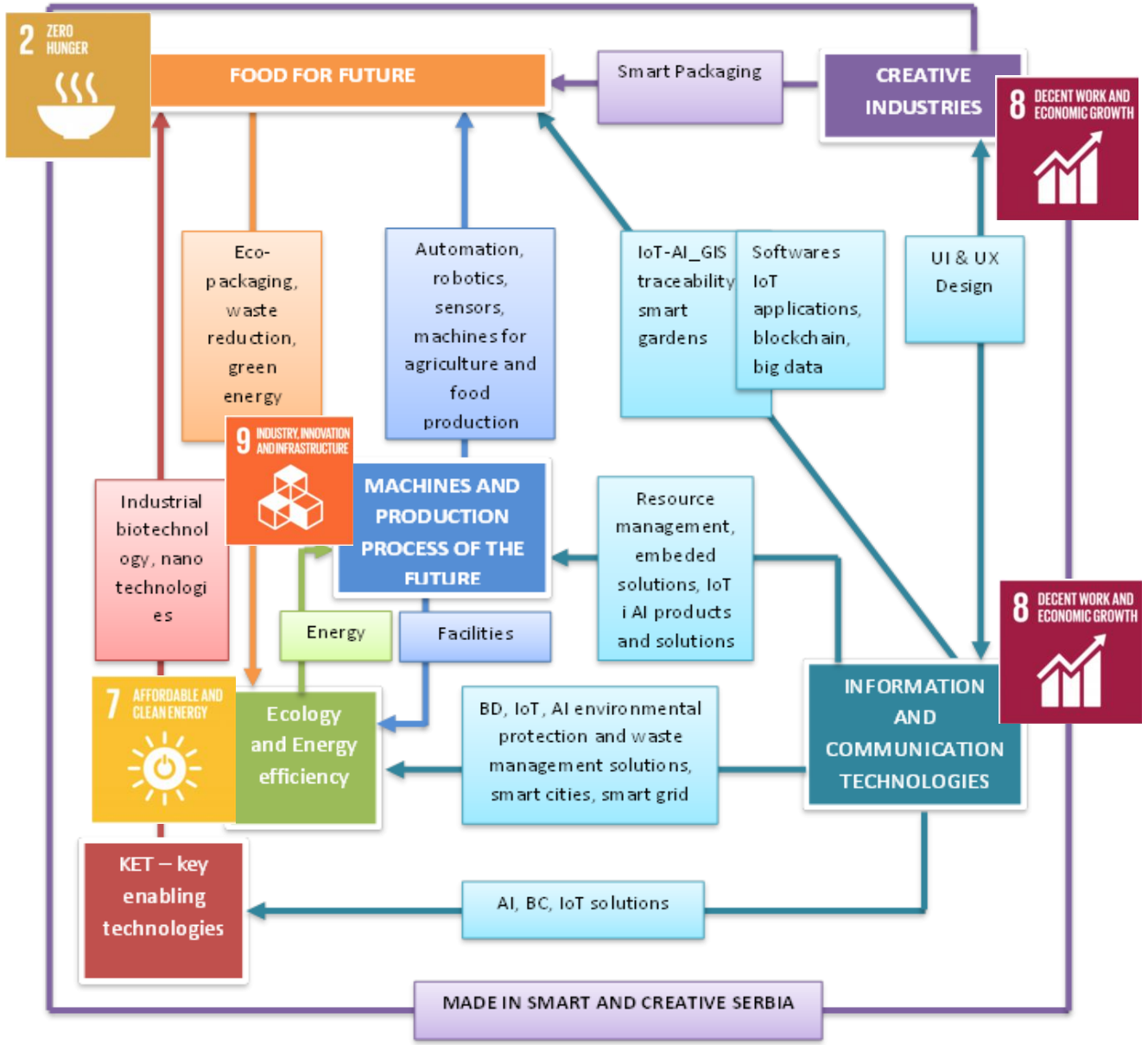
Sumadija and Western Serbia	Belgrade	Vojvodina	Southern and Estern Serbia
• **Existing core**: agri-/horti-/silvicurtural economy (including processing industries), automotive, textile industry, plastic industry, metal industry • **Potentially immerging (?)**: special purpose machinery • **Science based**: mechanical engineering, pharmacy	• **Existing core**: commuter programming and ICT, R&D and technical consultancy, creative economy, monetary intermediation • **Potentially immerging (?)**: beverages, pharmaceuticals, electrical components, transport equipment • **Science based**: various	• **Existing core:** automotive suppliers, agricultural economy (including processing industries), petrochemical industry • **Potentially immerging (?):** agricultural machinery, measurement instruments • **Science based:** computer science, telecommunications	• **Existing core**: agri-/horticultural economy (including processing industries), textile industry, rubber industry (electrical engineering) • **Potentially immerging (?):** food products, medical and dental • **Science based:** electrical engineering

Serbia's Smart Specialisation priorities

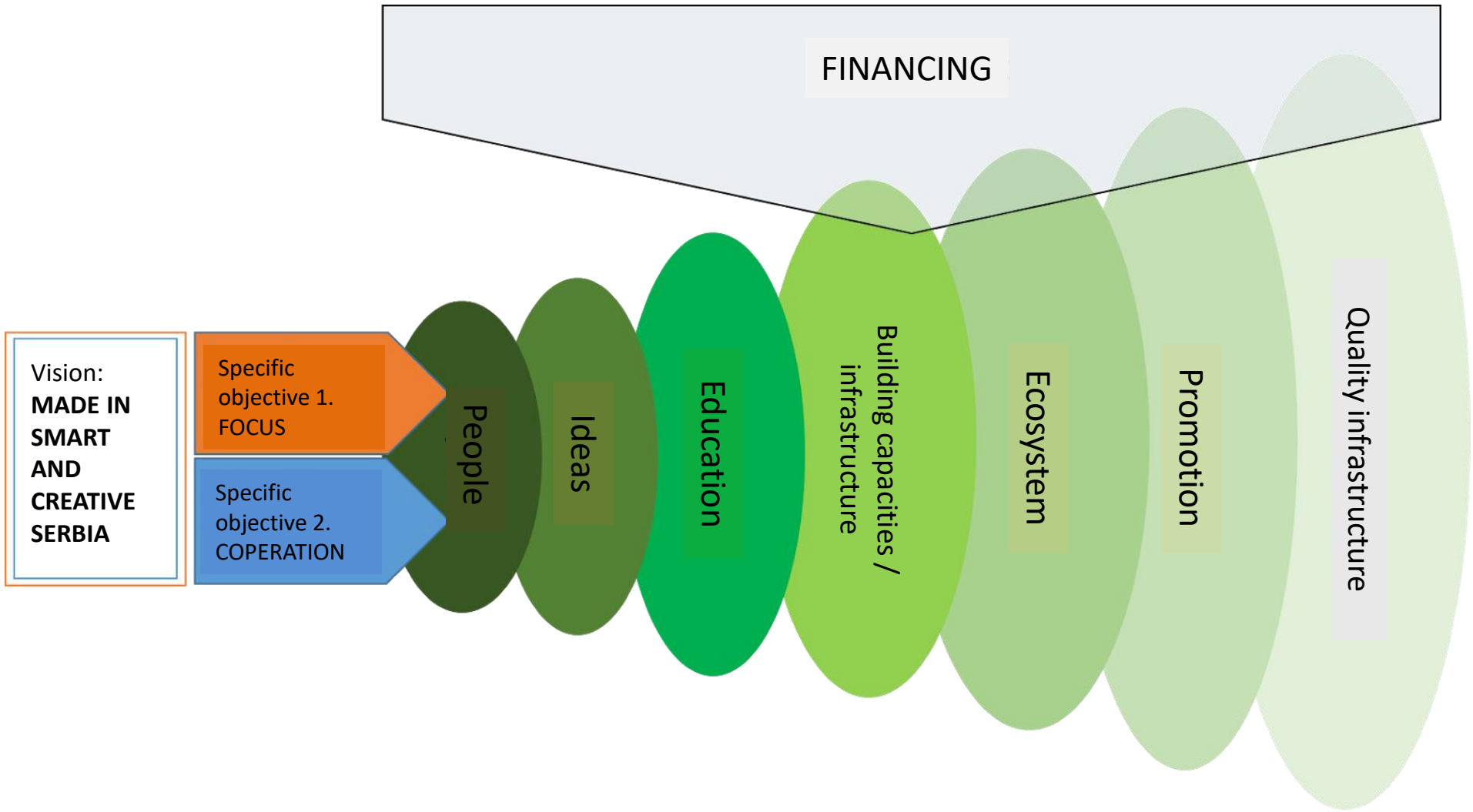
Information and communication technologies	Food for Future	Creative industries	Future Machines and Manufacturing Systems
Custom Software Development	High Tech Agriculture	Creative audio-visual production	General and specific purpose machines
Software Solutions Development	Value Added Food products	Video Games and Interactive content	Information in the Smart Management Service - Industry 4.0
	Sustainable Agrifood Production	Smart Packaging	Smart Components and Tools
Key Enabling Technologies (KET)			
Energy Efficient and Eco-Smart Solutions			

MADE IN SMART AND CREATIVE SERBIA

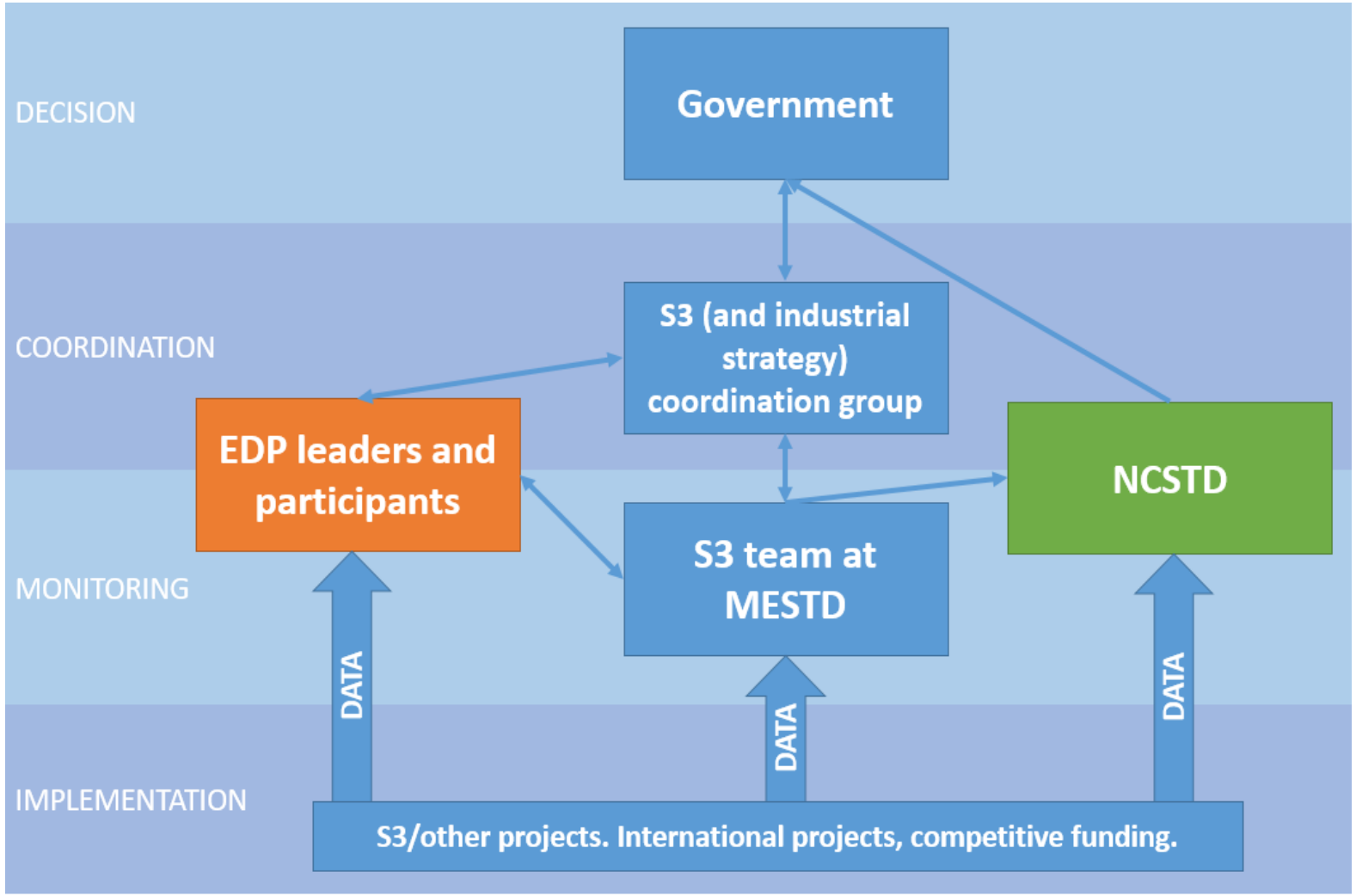
Vertical and Horizontal priorities and cross-innovation



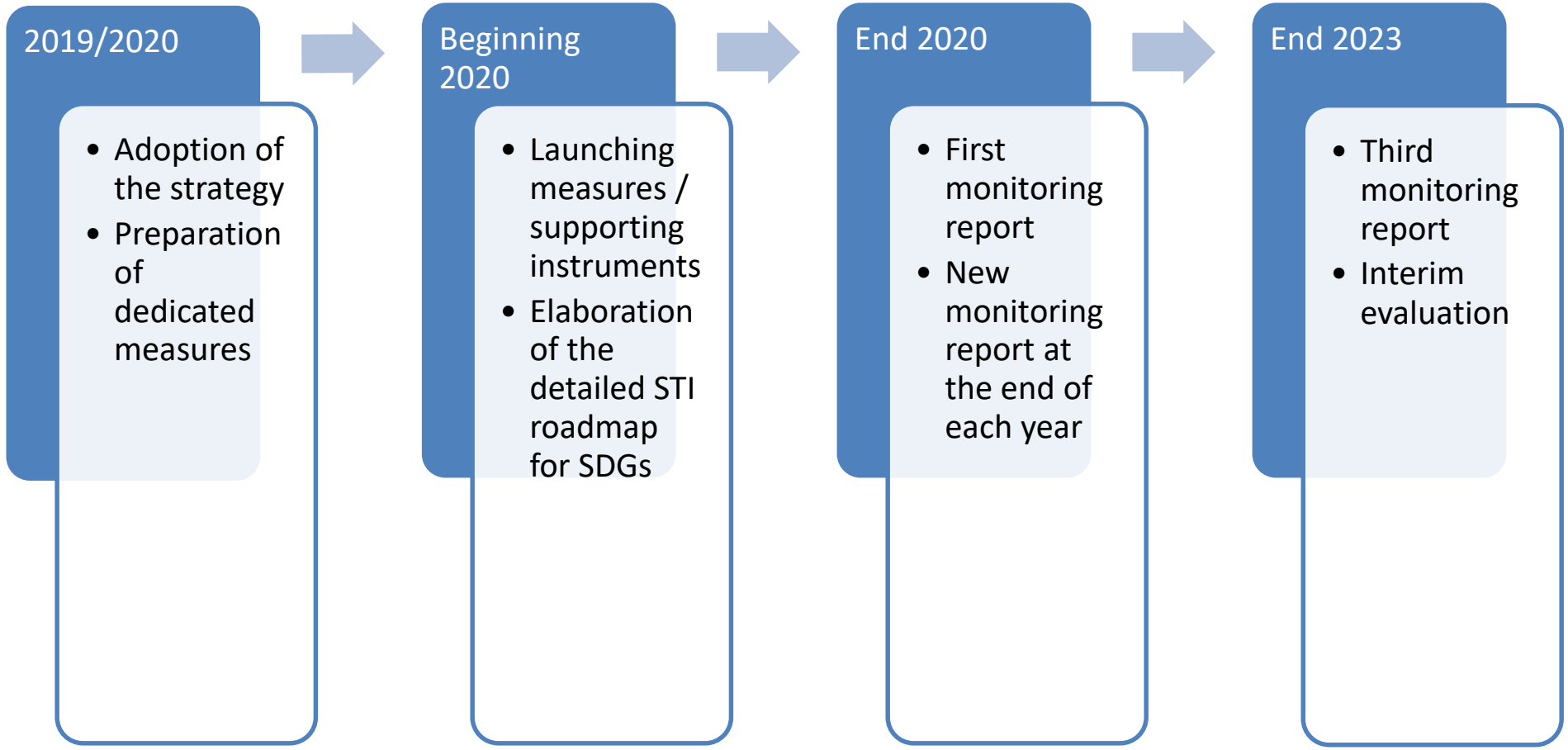
General and specific objectives



Monitoring framework for Serbian S3



Monitoring framework for Serbian S3



Challenges within S3 developing process

1. Ensuring an evidence-base approach - data collection and selection
2. Relevant stakeholders involvement during whole process
3. Continuity of long term dialog between all stakeholders
4. Ensuring proper implementation
5. Monitoring, evaluation and update AP

Next steps:

- SDG mapping
- Action plan: STI Roadmap for SDGs

Smart Specialisation Strategy in Serbia
4S Process

1. Define objectives and scope

Institutional Capacity

The official decision to start the process: Ministry of Education, Science and Technological Development

2. Assess current situation

Quantitative Analysis

Access current situation of the economic, innovative and scientific potential in Serbia.

Key Inputs:
-Stakeholder consultations
-Expertise
-Data

Qualitative Analysis

Total of 178 inteviews conducted with key stakeholders

3. Develop vision, goals and targets

EDP

Bottom-up consultative process- participants from business sector (57%), government (10%), academia (21%) and civil society (12%).

5. Develop detailed STI for SDG roadmap

Policy Mix

Specific goals
Measures
Indicators

6. Monitor, evaluate, and update plan

Monitoring and Evaluations system

- **EDP** continuity - long term dialog between all stakeholders

Final Strategy document

- Preparation of Draft Strategy
- Consultations with stakeholders
- EC approval
- Formal Approval

4. Assess alternative pathways

6 step approach - UN Guidebook on Development of STI Roadmaps for SDGs

Next steps:

- SDG mapping
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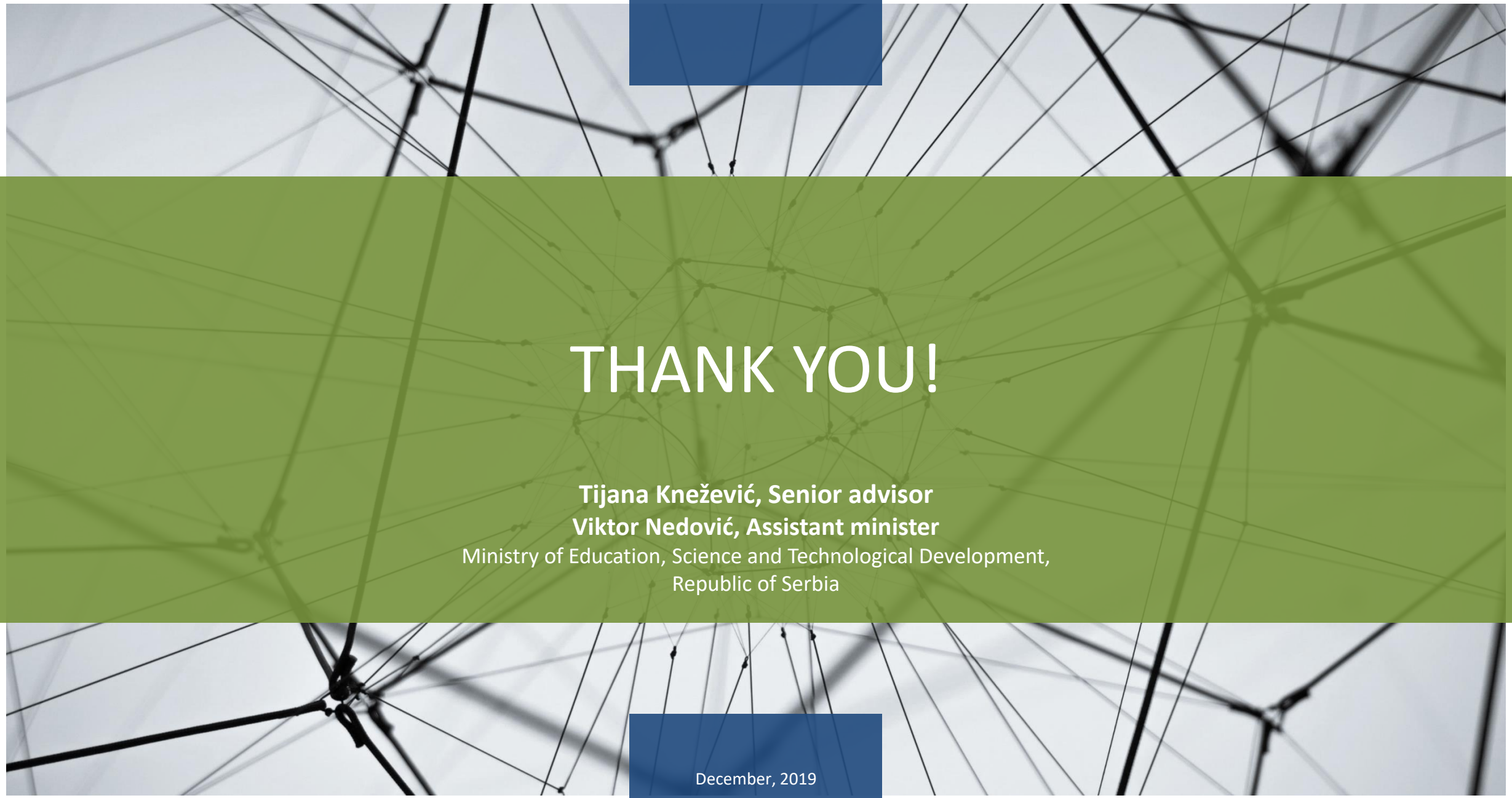

THANK YOU!

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