

Pursuant to Article 38, paragraph 1 of the Law on the Planning System of the Republic of Serbia (“Official Gazette of the Republic of Serbia”, No. 30/18), and Article 17, paragraph 1 of the Law on Government ("Official Gazette of the Republic of Serbia", No. 55/05, 71/05 - correction, 101/07, 65/08, 16/11, 68/12, 72/12, 74/12 - correction, 7/14, 44/14 and 30/18),

the Government hereby adopts

## **THE ACTION PLAN FOR THE PERIOD 2023–2025 FOR THE IMPLEMENTATION OF THE SMART SPECIALISATION STRATEGY IN THE REPUBLIC OF SERBIA FOR THE PERIOD 2021–2027**

### **I. INTRODUCTION**

On 27 February 2020, the Government of Serbia adopted the Serbia Smart Specialisation Strategy, 2020 to 2027 (‘4S’). With the support of the European Commission's Joint Research Centre (JRC) and a detailed assessment of the methodological framework for the development of 4S, the main needs of stakeholders were identified. The outcome of these assessments and the Entrepreneurial Discovery Process (EDP) was the identification definition of priority areas, overall goal, objectives, and accompanying 4S measures.

The adoption of 4S came at a time when the global Covid-19 crisis was looming, and the pandemic has significantly hampered the development of this Action Plan and greatly delayed the process. On 15 April 2021 the Government of Serbia adopted the first Action Plan for the implementation of the Serbia Smart Specialisation Strategy, which covered the period from 2021 to 2022. This timeframe was chosen to ensure that a continuous dialogue with all stakeholders and implementing institutions can take place in order to review goals and measures in a timely manner. The results achieved through the implementation of the 2021-2022 Action Plan are analysed in more detail in Chapter II below.

The 2023-2025 Action Plan for the implementation of 4S includes all measures and activities required to achieve the goal and objectives of 4S. This Action Plan seeks to build in the achievements of the 2021-2022 plan and takes into account the results of the dialogue with stakeholders conducted in the EDP workshops (see Chapter III below for more details). The Action Plan is designed to allow for appropriate adjustments to emerging realities. It covers the period from 2023 to 2025 to allow for a timely review of objectives and measures in the light of ongoing global challenges. The action plan comprises 46 measures that address both the vertical and horizontal priorities of the Strategy.

The Action Plan is also Serbia’s Science, Technology, and Innovation (STI) for Sustainable Development Goals (SDGs) Roadmap (see Chapter III below for more details).

This document contains the following narrative chapters:

- Achievements of the 2021-2022 Action Plan;

- Methodological Approach for the 2023-2025 Action Plan;
  - Outcomes of EDP consultative workshops;
  - STI for SDGs Roadmap;
- Monitoring and evaluation framework; and
- Financial impact assessment.

The narrative section is followed by tables with detailed outlines of:

- Strategy implementation and achievement monitoring framework, by priority area (Table 4);
- Result indicator monitoring framework, by priority area (Table 5); and
- Action Plan for implementing the Serbia Smart Specialisation Strategy, 2023-2025 (Table 6).

## II. ACHIEVEMENTS OF THE 2021-2022 ACTION PLAN

As the collection of data and indicator values took several months, the 2021-2022 Action Plan for the implementation of 4S is expected to be evaluated in the second half of 2023. The evaluation will not only provide a summarised overview of the extent to which the measures provided for in the Action Plan have been implemented, but will also highlight the main impacts and determine whether the measures have contributed to achieving the overall 4S objective. This chapter therefore briefly outlines the status of implementation of the planned measures. The table below shows the measures defined under the five 4S objectives and indicates how many of them have already been implemented, how many are still ongoing (not completed) and how many have not yet started.

**Table 1. Overview of measures implemented under the 2021-2022 Action Plan**

	Total measures	Measures implemented (#)	Measures implemented (%)	Measures not implemented (#)	Measures not implemented (%)	Ongoing measures (#)	Ongoing measures (%)
<b>Total</b>	43	28	65%	12	28%	3	7%
<b>Objective 1</b>	6	3	50%	2	33%	1	17%
<b>Objective 2</b>	19	16	84%	2	11%	1	5%
<b>Objective 3</b>	9	4	44%	5	56%	0	0%
<b>Objective 4</b>	3	3	100%	0	0%	0	0%
<b>Objective 5</b>	6	2	33%	3	50%	1	17%

Some incomplete measures have been retained in the current Action Plan as the implementing institutions have expressed interest in pursuing them in the future. In addition, some measures were dropped and as such removed from the Action Plan, one example being the Infrastructure programme, which the previous Action Plan had envisaged for implementation as part of the Science Fund programme. Here, consultations with the implementing

institution concluded that the Science Fund would finance scientific infrastructure by funding procurement of research instruments and major equipment as part of projects approved under its planned programmes.

### **III. METHODOLOGICAL APPROACH FOR THE 2023-2025 ACTION PLAN**

#### **1. Consultations**

Four EDP workshops, each devoted to one 4S priority area, were held from 2 to 25 November 2022 as part of the 2023-2025 4S action planning effort. The objective was to engage in public-private dialogue to collect attitudes and recommendations to inform policies that would be incorporated into the new Action Plan. In addition to an introductory discussion and presentations of previously implemented measures, the workshops focused on:

1. identification of challenges, issues, and opportunities to be addressed by policies; and
2. development of a draft package of policies aimed at addressing the challenges, issues, and opportunities using the proposed Policy Canvas methodology.

This section outlines the key conclusions of EDP workshops for each priority area.

The EDP workshop for the Food for the Future priority area took place on 10 November at the Ministry of Science, Technological Development, and Innovation (MSTDI) in Belgrade. The event included group and plenary discussions intended to identify the key challenges and trends, as well as measures to address any such issues. A total of 51 participants applied for the workshop, of which 42 actually attended, representing 26 organisations, most being academic institutions and businesses. Based on participants' inputs, the workshop co-ordinators identified 27 policies that were presented using the Policy Canvas methodology. The measures were grouped into thematic packages, namely:

1. Focusing research
2. Attracting projects
3. Facilitating collaboration
4. Tax incentives
5. Regulatory refinements
6. Education
7. Digitalisation

The workshop recognised the growing strategic importance of biomedicine, bioinformatics, and biotechnology in recent years and the need to incorporate measures in this area into the 4S Action Plan. For more details, please see Section 1.1 below.

The EDP workshop for the Information and Communication Technologies (ICT) priority area was held on 7 November at the Novi Sad Faculty of Technical Sciences. Its goal was to identify key challenges in research and innovation and articulate measures to overcome them. The event was attended by 26 people representing the private, research, and civil sectors. The workshop involved group work and a plenary discussion, with the policies developed in the event presented using the Policy Canvas approach. A total of 16 policies were identified that can be grouped thematically as follows:

1. steering the Serbian education system towards a market-oriented, student-centric paradigm;
2. optimising the regulatory framework to create a business-friendly environment;
3. developing the domestic ICT market; and
4. developing an ecosystem to support entrepreneurship.

In the discussion the participants also touched upon the role of ICT as a cross-cutting driver of the economy and society through its impact on the digital transformation of public administration and business and the required enhancement of the population's digital skills. In the context of co-operation with other sectors, the workshop highlighted the importance of looking at the ICT industry not only as a thriving and profitable vertical area, but rather as a sector whose capacity can critically contribute to development and innovation in Serbia, and in doing so help with the adoption of modern standards, including those of the EU. Ultimately, that approach should inevitably enhance the competitiveness of Serbian companies, strengthen the take-up of digital technologies in public administration, and raise living standards.

The EDP workshop for the Future Machines and Manufacturing Systems priority area took place on 9 November 2022 at the Niš Faculty of Mechanical Engineering. The event brought together more than 50 participants, of which 30 represented businesses and the remainder came from public authorities, the civil sector, and academia. The three working parties set up by the workshop proposed a total of 20 policies which were presented using the Policy Canvas approach. A major conclusion was that Serbia lacked a dedicated research institute for energy sustainability. Current energy developments, both throughout the world and in Serbia, and future forecasts require the country to make major changes to its energy policy and shift to renewables such as solar, wind, and geothermal power. These strategic decisions require detailed research and support to businesses.

The EDP workshop for the Creative Industries priority area took place on 18 November 2022 at the Ministry of Science, Technological Development, and Innovation in Belgrade. The event was attended by 22 representatives of businesses, public authorities, academia, and civil society organisations, excluding the presenters and co-ordinators. The participating institutions included the Serbian Film Association, Serbian Games Association, Digital Serbia Initiative, Serbia Creates, and the gaming environment and virtual reality supercluster. These entities are highly active in professionally advocating on behalf of the most competitive and most important businesses in audio and video production and the games industry. The main output of the workshop was a presentation with more than 35 well-argued policy proposals aligned with the five 4S objectives. Most of the measures are focused on improving the education system and reskilling and upskilling the workforce to ensure a steady supply of labour for businesses and educational institutions and so meet the growing needs of the economy. Multiple policies also seek to support innovations, research, and inter-sectoral co-operation.

### *1.1. Growing strategic importance of biomedicine, bioinformatics, and biotechnology for Serbia's science ecosystem*

The impact of the Covid-19 outbreak was rapidly felt across all segments of society and prompted the Government of Serbia to take urgent action to alleviate the effects of the pandemic on both human health and the economy. By investing in science and research Serbia was able to respond to the challenges posed by the pandemic. During the lockdown, the Science Fund put into effect its Covid-19 Special Research Programme to finance projects able to contribute to an effective scientific response to the pandemic and make society better prepared and able to respond to similar events. Most projects approved as part of this initiative were related to biomedicine. The Innovation Fund also reacted appropriately by launching a research project support programme that quickly produced innovative solutions, such as the first Serbian ventilator, new types of protective face masks, disinfection chambers, mobile booths for contactless body temperature measurement and hand sanitation, a portable ozonation unit, and the like.

Serbia's major investment in research infrastructure for biomedicine, bioinformatics, and ICT has laid the foundations for continued development in these areas. Support from the Serbian Government helped launch the Genome Sequencing and Bioinformatics Centre at the Institute for Molecular Genetics and Genetic Engineering (IMGGI). The facility was constructed as a collaborative effort between the IMGGI and the Beijing Genomics Institute with an investment of some 3 million euros. The Government Data Centre (GDC), located in Kragujevac and costing over 30 million euros, has made it possible to store large amounts of genomics data, allowing big data research in this area. The GDC was opened in 2020 as Serbia's most secure data storage facility and is one of the country's major ICT infrastructure investments. Big data storage at the GDC allows biomedicine and bioinformatics researchers to investigate the data to create new platforms for diagnostics, regenerative medicine approaches, new pharmaceuticals, disease biomarkers, and the like.

As improving research and innovation capacities is a major priority under 4S, the 2023-2025 Action Plan supports the continuation of ongoing research and development efforts in biomedicine and bioinformatics. Here, a key measure envisaged by the 2023-2025 Action Plan is investment in the BIO4 Campus, a research facility focusing on biomedicine, biotechnology, bioinformatics, and biodiversity, which should greatly contribute to the development of Serbia's bioeconomy. The BIO4 Campus will act as a venue where researchers can congregate, where cross-cutting knowledge can accumulate, and where infrastructure (such as faculties, institutes, research and development parks, and the like) can develop to serve these areas. Over time, this facility will expedite the transition of the Serbian health service transition to a modern system that offers innovative diagnostics and treatments based on data and cutting-edge science, as well as attract an increasing number of business partners.

The BIO4 Campus will extend across some 20 hectares and will host six faculties of the University of Belgrade, nine research and development organisations that will move either completely or fully to the new facility, and businesses such as the Belgrade Science and Technology Park (in particular its biotechnology start-ups) and research and development divisions of both Serbian and multinational biotech firms. Works on the BIO4 Campus are expected to start in late 2023, and Phase A, comprising some 150,000 square metres, is scheduled for completion in late 2025.

## **2. STI for SDGs Roadmap**

In parallel with developing 4S and its associated Action Plan, the MSTDI also recognised the importance of the UN Global Pilot Programme on STI for SDGs Roadmaps. Serbia was one of the first five countries to take part in this pilot effort. The initial round of stakeholder consultations, held in February 2020, concluded that all 4S priority areas could potentially contribute to addressing the global challenges identified and help achieve the SDGs. Accordingly, it was resolved to make the 2021-2022 4S Action Plan the country's first STI for SDGs Roadmap.

Research has shown that 4S priority areas could help achieve SDGs in the following ways:

- Food for the Future, and in particular its sub-area Sustainable Agriculture and Food Production, directly contribute to SDG 2, Zero Hunger. The key sectors here are farm and food processing machinery and enhanced production processes and innovative food products. Apart from this direct contribution, Food for the Future can also create positive externalities for SDG 1, No Poverty, and SDG 10, Reduced Inequalities, SDG 3, Good Health and Well-Being, and research into sustainable development (SDGs 6, 11, 12, 13, 14, and 15). In order to achieve the creation of a sustainable food production chain, it is necessary to develop a system of guidelines and recommendations for all factors in this chain, with the aim of transformation towards sustainability and fulfilment of nutritional needs and achievement of optimal health of the inhabitants of the Republic of Serbia (using the established roadmap for the development of nutritional guidelines based on the food system).

This process will be supported by the establishment of a Centre for the collection and longitudinal monitoring of information (data, state measures, regulations, etc.) and assessment of the state of individual segments of the food system from the producer to the consumer - "Food System Observatory", which would timely indicate the need for improvement in the areas of food production, processing, safety and consumption in the Partnership for Sustainable Food Systems at the European level.

- Information and Communication Technologies can make a cross-cutting contribution to SDG 9, Industry, Innovation and Infrastructure, and SDG 8, Decent Work and Economic Growth. When deployed in service of appropriate education, training, and labour market policies, ICT can help create jobs, so addressing SDG 1, Zero Poverty, SDG 10, Reduced Inequalities, and SDG 5, Gender Equality. By helping develop medical devices, e-health, and digital health, ICT offers a wealth of opportunities and contributes to SDG 3, Good Health and Well-Being. Similarly, ICT contributes to SDG 7, Affordable and Clean Energy, and SDG 11, Sustainable Cities and Communities, especially in the areas of energy efficiency, smart networks, smart cities, and sustainable and efficient transportation.
- Creative Industries are directly linked with SDGs in two aspects: the sub-areas of Creative Audio-Visual Production and Video Games and Interactive Media are likely to have a large impact on digital education, so addressing SDG 4, Quality Education. The sub-area of Smart Packaging directly addresses SDG 12, Responsible Consumption and Production. Lastly, and similarly to ICT, this area can have a cross-cutting effect on design, creativity, and entrepreneurship, so indirectly contributing to SDGs 1, 5, 8, 9, and 10.
- Future Machines and Manufacturing Systems has a cross-cutting impact on SDG 9, Industry, Innovation and Infrastructure, and SDG 8, Decent Work and Economic Growth. Its vertical effects help develop new products and innovate production processes across industries that contribute to SDGs 2, 11, and 12.
- Energy Efficient and Eco-smart Solutions directly help attain SDG 7, Affordable and Clean Energy. This area has an indirect positive impact on most social and environmental SDGs (such as 9, 13, and 15). Key Enabling Technologies play a major role in addressing SDGs 2, 3, 6, 7, 11, 12, and 13.

These considerations are summarised in Table 2, which shows the impact of 4S priority areas on key UN SDGs. Priority areas have either a direct or an indirect impact, depending on the nature of their respective contributions.

**Table 2. Potential contribution of 4S priority areas to SDGs**

	Information and Communication Technologies	Food for the Future	Creative Industries	Future Machines and Manufacturing Systems	Energy Efficient and Eco-smart Solutions	Key Enabling Technologies
<b>SDG 1: No Poverty</b>	Indirect	Indirect				
<b>SDG 2: Zero Hunger</b>		Direct	Indirect	Indirect	Indirect	Indirect
<b>SDG 3: Good Health and Well-Being</b>	Direct	Direct	Indirect		Indirect	Indirect
<b>SDG 4: Quality Education</b>	Direct		Direct			
<b>SDG 5: Gender Equality</b>	Indirect		Indirect			
<b>SDG 6: Clean Water and Sanitation</b>		Indirect		Indirect		Indirect
<b>SDG 7: Affordable and Clean Energy</b>	Direct	Indirect	Indirect	Indirect	Direct	Indirect
<b>SDG 8: Decent Work and Economic Growth</b>	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect
<b>SDG 9: Industry, Innovation and Infrastructure</b>	Direct	Indirect	Indirect	Direct	Indirect	Direct
<b>SDG 10: Reduced Inequalities</b>	Indirect		Indirect			
<b>SDG 11: Sustainable Cities and Communities</b>	Indirect			Indirect	Indirect	Indirect
<b>SDG 12: Responsible Consumption and Production</b>		Indirect	Direct		Indirect	Indirect
<b>SDG 13: Climate Action</b>		Indirect	Indirect	Indirect	Indirect	Indirect

Source: European Commission (2019). Pilot methodology for mapping Sustainable Development Goals (SDGs) in the context of Smart Specialization Strategies, JRC/SVQ/2019/LVP/1645, SIRIS Academic S.L.

Given the role played by technological innovation and scientific achievements in addressing global issues, the 2023-2025 4S Action Plan is a continuation of the policy approach applied to date in efforts to attain SDGs and is also Serbia's second STI for SDGs Roadmap. The Roadmap seeks to facilitate the development and application of policies and programmes that promote scientific and technological innovation and help attain SDGs. By supporting capacity-building and harnessing existing resources, the Roadmap focuses on strengthening scientific, technological, and innovation-oriented infrastructure, supporting innovation and entrepreneurship, and fostering partnership and co-ordination. Measures envisaged in the 4S Action Plan will harness existing scientific, technological, and innovative resources to help achieve SDGs and create a sustainable future.

## IV. MONITORING AND EVALUATION

An action plan is the most detailed policy document, and the purpose of this Action Plan is to elaborate on the 4S so as to manage the pace of implementation of policies envisaged by the 4S that contribute to achieving its goal and objectives. Appropriate monitoring of the Action Plan and its various elements will ensure a fully inclusive process that will allow all stakeholders to remain continuously involved.

The Action Plan is to be revised as and when required by the findings of the monitoring exercise and ex post policy impact assessment. Under the Planning System Law (*Official Gazette of the Republic of Serbia* No. 30/18), the MSTDI is formally required to report to the Government annually on progress made in implementing the Action Plan, as well as to produce a final report once the policy document has expired.

To ensure a transparent and sustainable process, the MSTDI has developed an operational plan that will focus on sustainable dialogue by means of EDP workshops at regular intervals. The EDP stakeholders will participate in changing or revising 4S measures that may prove unsuccessful and will contribute their expertise and know-how to the development of measures and objectives for the next iteration of the Action Plan, intended to be developed in late 2025. The EDP workshops ought to take place at least twice a year for each priority area and may also be held more frequently.

To promote compliance with this schedule of activities, the MSTDI has produced a diagram showing the monitoring and evaluation activities (Table 3, Monitoring and evaluation timeline) for the duration of the Action Plan.

**Table 3. Monitoring and evaluation timeline**

Activity	2023				2024				2025				2026
Meetings of 4S Working Group													
EDP workshops													
4S progress reporting													
4S summary progress reporting													
External evaluation													

As shown in Table 3 above, mandatory EDP workshops and meetings of the 4S Working Group will take place concurrently with progress reporting to allow all stakeholders and the general public to be kept informed of any progress made in a timely fashion.

The 4S Working Group will serve as a key node for liaison between implementing authorities, the monitoring exercise, and the broader EDP community. The Working Group will comprise representatives of all implementing authorities and the new internal MSTDI unit created by the SAIGE project with the aim of monitoring 4S implementation. In addition, the MSTDI will expand the group to include EDP co-ordinators for each priority area. This will allow the voice of all stakeholders who took part in developing both 4S and the Action Plan is heard and ensure their continued involvement in all EDP-related activities. The Working Group is planned to hold meetings every quarter, but may also meet more frequently should the need arise.



External evaluation will be organised in 2026, once the Action Plan has expired. As with progress reporting, mandatory EDP workshops and meetings of the 4S Working Group will take place concurrently with progress reporting so that all stakeholders can contribute their inputs, which will act as an additional safeguard of the transparency of the entire evaluation exercise.

## **V. FINANCIAL IMPACT ASSESSMENT**

The Action Plan for the implementation of the Smart Specialization Strategy in the Republic of Serbia covers the period from 2023 to 2025, and the funds are or will be provided from the budget of the Republic of Serbia and from donor funds. Activities in the Action Plan are coordinated with the activities of donors (EU, World Bank and other donors).

In addition to MSTDI, the key actors for the implementation of activities within the implementation of measures include the Innovation Fund – IF, the Science Fund of the Republic of Serbia – Science Fund of RS, Centre for the Promotion of Science – CPS, Ministry of Economy, Development Agency of Serbia – DAS, centre for Digital Transformation – CDT, Ministry of Foreign Affairs, Office for Information Technologies and e-Government – OITEG, Ministry of Agriculture, Forestry and Water Management – MoAFW, Ministry of Information and Telecommunications – MIT, Office for Dual Education and the National Qualifications Framework, Ministry of Education, Qualification Agency, Serbian Chamber of Commerce and Industry – CCIS and Ministry of Finance.

Individual measures and activities, with estimated funds for their implementation, which contribute to the achievement of specific goals defined by the Action Plan, are presented in detail in tabular form within the Action Plan itself.

For the achievement of specific goal 1: Focusing scientific activity on 4S priorities, within Heading 36 – MSTDI, funds will be allocated within the following appropriations:

- Programme 0007 (Heading 36) – Funds are allocated within the existing budget – regular allocations of MSTDI, no special funding is required, the measure refers to the monitoring of indicators;
- Programme 0006 (Heading 36) – Support to the operation of the Centre for the Promotion of Science. Funds are allocated within the existing budget of the Centre for the Promotion of Science;
- World Bank Project "SAIGE", Loan Agreement - Serbia Accelerating Innovation and Entrepreneurship Project - SF component. Funds have been determined and the implementation of activities has begun, and additional funds have been provided to support new SF programmes
- Programme 0013 (Heading 36) – Support to the operation of the Science Fund of the RS. Funds are allocated within the existing budget of the Science Fund.
- Programme 5002 (Heading 39) – BIO4 Campus construction project.

For the achievement of specific goal 2: Economic development supported through innovation, research and development and cooperation among the participants of the quadruple helix, within Heading 36 – MSTDI, SF and IF, within Heading 65 – OITEG, within Heading 24 – MoAFW, funds will be allocated within the following appropriations:

- Programme 0005 (Heading 36) – Support to the operation of the IF. Funds are allocated within the existing IF budget;
- Programme 0002 (Heading 36) – Support for the realization of interests in innovative activities. The funds are allocated within the existing budget;
- Programme 7079 (Heading 36) – IPA 2019 – Competitiveness and Innovation. Funds have been allocated;
- Programme 4011 (Heading 36) – World Bank's SAIGE Project, Loan Agreement – Serbia Accelerating Innovation and Growth Entrepreneurship Project – MSTDI and IF components. Funds have been allocated and the implementation of activities have begun;

- Programme 0013 (Heading 36) - Support to the work of the Science Fund. The funds are allocated within the existing budget of the Science Fund;

- Programme 4005 (Heading 24) – IPARD measure: Technical assistance. Incorporation of smart specialization priorities into the IPARD programme for the Republic of Serbia for the programming period 2023-2025. Funds are allocated within the existing budget;

- Programme 0002 (Heading 24) – Incentives in agriculture and rural development;

- Programme 4006 (Heading 65) – Funds are allocated within the existing budget.

For the achievement of specific goal 3: Education focussed on innovation and entrepreneurship, within Heading 36 – MSTDI, within Heading 26 – Ministry of Education, within Heading 3 – Government, Chapter 3.19 - Office for dual education and the national qualifications framework, Function 110 - Executive and legislative bodies, financial and fiscal affairs and external affairs, Programme 2102 - Support to the work of the Government, Programem Activity 0032 - Support to the work of the Qualifications Agency and Program Activity 0033 - Promotion of dual education, funds will be allocated within the following appropriations:

- Programme 0014 (Heading 26) – Support to higher education;

- Programme 0007 (Heading 36) – The funds are allocated within the existing budget - regular allocations of MSTDI, no special financing is required, the measure refers to the monitoring of indicators

- Programme 4011 (Heading 26) – World Bank’s SAIGE Project, Loan Agreement – Serbia Accelerating Innovation and Growth Entrepreneurship Project – MSTDI component. Funds have been allocated.

For the achievement of specific goal 4: Improved business conditions through optimization and digitalization of procedures, within Heading 36 – MSTDI, within Heading 21 – Ministry of Economy, within Heading 38 – Ministry of Information and Telecommunications and within Heading 65 – Office for Information Technologies and e-Government, funds will be allocated within the following appropriations:

- Programme 0007 (Heading 36) – no special financing is required;

- Programme 4005 (Heading 38) – The funds are allocated within the existing budget;

- Programme 5015 (Heading 65) – The funds are allocated within the existing budget;

- Programme 5019 (Heading 65) – The funds are allocated within the existing budget;

- Programme 4008 (Heading 21) – Support for industrial development. The funds will be allocated within the existing budget;

For the achievement of specific goal 5: Internationalization of the economy through inclusion in regional and global value chains in the areas of 4S, within Heading 36 - MSTDI, within Heading 17 - Ministry of Foreign Affairs and within Heading 21 - Ministry of Economy, funds will be allocated within the following appropriation:

- Programme 0007 (Heading 36) – The funds are allocated within the existing budget - regular allocations of MSTDI, no special financing is required;

- Programme 1510-0001 (Heading 21) – Attracting investment. The funds are allocated within the existing budget;

- (Heading 17) – Support to the Cultural and Information Centre in London.

Note: Funds for the implementation of activities under Programme 4011 (Heading 36) of the Action Plan are planned from the World Bank’s SAIGE Project approved under the Loan Agreement (Serbia Accelerating Innovation and Growth Entrepreneurship Project), signed between the Republic of Serbia and the International Bank for Reconstruction and Development, No. IBRD 90290YF, in accordance with the Law Ratifying the Loan Agreement (“Official Gazette of the RS – International Agreements”, No. 3/20). In addition, the European Commission, considering the World Bank

as a reliable partner, has decided to implement its donor funds from IPA 2019 for Competitiveness, through the World Bank within the components defined by the SAIGE Project.

**Table 4. Framework for monitoring 4S implementation by priority area<sup>1</sup>**

<b>Priority Area:</b> Food for the Future					
<b>Expected Impacts:</b> Added value increased in food production chain					
<b>Outcome Indicator</b>	<b>Unit</b>	<b>Source of verification</b>	<b>Baseline value</b>	<b>Baseline year</b>	<b>2025 target value</b>
Total revenue from sale of goods and services in Food for the Future (Market Value)	EUR mn	Statistical Office of the Republic of Serbia (SORS)	7,638.64	2021	9,000
Total added value per employee in Food for the Future	EUR mn	SORS	2,205.79	2021	2,700
Total exports in Food for the Future	RSD	SORS	445,913,002,206.10	2021	500,000,000,000
Businesses showing R&D investments as % of all businesses in Food for the Future	%	SORS	1.8	2021	2.1
Number of employees in Food for the Future	Number	SORS	99,798	2021	120,000
Innovative businesses as % of all businesses in Food for the Future	%	SORS	54.2	2021	57
<b>Priority Area:</b> Information and Communication Technologies					
<b>Expected Impacts:</b> Well-developed local ICT market					
<b>Outcome Indicator</b>	<b>Unit</b>	<b>Source of verification</b>	<b>Baseline value</b>	<b>Baseline year</b>	<b>2025 target value</b>
Total revenue from sale of ICT goods and services (Market Value)	EUR mn	SORS	2,166.65	2021	2,500

<sup>1</sup> The methodological framework for monitoring 4S indicators is provided as Appendix 1 to this Action Plan.

Total added value per employee in ICT	EUR mn	SORS	1,496.45	2021	1,850
Total exports of ICT products (goods only, excluding services)	RSD	SORS	6,924,907	2021	8,000,000
Businesses showing R&D investments as % of all businesses in ICT	%	SORS	1.6	2021	2.4
Number of employees in ICT	Number	SORS	72,223	2021	80,000
Innovative businesses as % of all businesses in ICT	%	SORS	61.7	2021	63

Priority Area: Creative Industries					
Expected Impacts: Strengthened creative industries committed to protecting intellectual property					
Outcome Indicator	Unit	Source of verification	Baseline value	Baseline year	2025 target value
Total revenue from sale of goods and services in Creative Industries (Market Value)	EUR mn	SORS	3,183.01	2021	3,600
Total added value per employee in Creative Industries	EUR mn	SORS	1,742.81	2021	2,000.00
Total exports in Creative Industries	RSD	SORS	7,073,173,255.42	2021	7,700,000,000
Businesses showing R&D investments as % of all businesses in Creative Industries	%	SORS	1.6	2021	2.0
Number of employees in Creative Industries	Number	SORS	56,123	2021	70,000
Innovative businesses as % of all businesses in Creative Industries	%	SORS	58.6	2021	60.0

<b>Priority Area:</b> Future Machines and Manufacturing Systems					
<b>Expected Impacts:</b> Research and development capacity of the private sector strengthened through collaborative schemes					
<b>Outcome Indicator</b>	<b>Unit</b>	<b>Source of verification</b>	<b>Baseline value</b>	<b>Baseline year</b>	<b>2025 target</b>
Total revenue from sale of goods and services in Future Machines and Manufacturing Systems (Market Value)	EUR mn	SORS	5,055.45	2021	6,000.00
Total added value per employee in Future Machines and Manufacturing Systems	EUR mn	SORS	1,454.94	2021	1,700.00
Total exports in Future Machines and Manufacturing Systems	RSD	SORS	643,115,677,184.93	2021	720,000,000,000
Businesses showing R&D investments as % of all businesses in Future Machines and Manufacturing Systems	%	SORS	3.3	2021	3.7
Number of employees in Future Machines and Manufacturing Systems	Number	SORS	104,683	2021	120,000
Innovative businesses as % of all businesses in Future Machines and Manufacturing Systems	%	SORS	48.3	2021	51.0

**Table 5. Framework for monitoring output indicators by priority area<sup>2</sup>**

<b>Priority Area:</b> Food for the Future		
<b>Output Indicator</b>	<b>Unit</b>	<b>Source of verification</b>
Number of companies responding to calls for applications for financing 4S projects and other support schemes	Number	MSTDI

<sup>2</sup> Output indicators at the level of priority areas will be monitored on an ex-post basis.

Number of projects awarded to businesses	Number	MSTDl
Number of projects awarded to research and development organisations	Number	MSTDl
Number of joint projects (business and academia)	Number	MSTDl
Project award rate (Food for the Future)	%	MSTDl
<b>Input Indicator (Funding)</b>	<b>Unit</b>	<b>Source of verification</b>
Total funds invested in projects and schemes	EUR	MSTDl
<b>Priority Area: Information and Communication Technologies</b>		
<b>Output Indicator</b>	<b>Unit</b>	<b>Source of verification</b>
Number of companies responding to calls for applications for financing 4S projects and other support schemes	Number	MSTDl
Number of projects awarded to businesses	Number	MSTDl
Number of projects awarded to research and development organisations	Number	MSTDl
Number of joint projects (business and academia)	Number	MSTDl
Project award rate (ICT)	%	MSTDl
<b>Input Indicator (Funding)</b>	<b>Unit</b>	<b>Source of verification</b>
Total funds invested in projects and schemes	EUR	MSTDl
<b>Priority Area: Creative Industries</b>		
<b>Output Indicator</b>	<b>Unit</b>	<b>Source of verification</b>
Number of companies responding to calls for applications for financing 4S projects and other support schemes	Number	MSTDl
Number of projects awarded to businesses	Number	MSTDl
Number of projects awarded to research and development organisations	Number	MSTDl
Number of joint projects (business and academia)	Number	MSTDl
Project award rate (Creative Industries)	%	MSTDl
<b>Input Indicator (Funding)</b>	<b>Unit</b>	<b>Source of verification</b>
Total funds invested in projects and schemes	EUR	MSTDl
<b>Priority Area: Future Machines and Manufacturing Systems</b>		
<b>Output Indicator</b>	<b>Unit</b>	<b>Source of verification</b>

Number of companies responding to calls for applications for financing 4S projects and other support schemes	Number	MSTDI
Number of projects awarded to businesses	Number	MSTDI
Number of projects awarded to research and development organisations	Number	MSTDI
Number of joint projects (business and academia)	Number	MSTDI
Project award rate (Future Machines and Manufacturing Systems)	%	MSTDI
<b>Input Indicator (Funding)</b>	<b>Unit</b>	<b>Source of verification</b>
Total funds invested in projects and schemes	EUR	MSTDI

**Table 6. 2023-2025 Action Plan to implement the Serbia Smart Specialisation Strategy, 2020-2027**

Policy Document:	2023-2025 Action Plan to implement the Serbia Smart Specialisation Strategy, 2020-2027					
Action Plan:	2023-2025 Action Plan to implement the Serbia Smart Specialisation Strategy, 2020-2027					
Co-ordinating and Reporting Entity:	MSTDI					
Umbrella Policy Document:	N/A					
Goal: Development of Serbia steered towards achieving a highly competitive economy through research, development, innovation, and entrepreneurial initiatives in 4S areas						
Institution responsible for monitoring and overseeing implementation: MSTDI						
Goal Indicator(s) (Impact Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2025 target value	Final AP year
R&D investment as % of GDP	%	SORS	0.99	2021	1.2	2025
Added value per employee	EUR	SORS	15,478	2021	17,000	2025
Employment in medium and high-tech industries as % of total employment	%	Eurostat	5.2	2021	7	2025
Employment in knowledge-based services as % of total employment	%	Eurostat	29.0	2021	32	2025
Exports of medium and high-tech products as % of total exports	%	SORS	32.88	2021	40	2025

Exports of knowledge-based services as % of total service exports	%	SORS	54.36	2021	60	2025
R&D investment by businesses as % of GDP	%	SORS	0.45	2021	0.55	2025

Objective 1: Scientific activity steered towards 4S priorities					
Institution responsible for monitoring and overseeing implementation: MSTDI					
Objective Indicator(s) (Outcome Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2025 target value
R&D papers in 4S priority areas as % of all Serbian R&D papers	%	Web of Science	19.1	2021	23
Serbian R&D papers in 4S priority areas as % of all global R&D papers in 4S priority areas	%	Web of Science	0.214	2021	0.22
Serbian R&D papers as % of global R&D papers (cumulative)	%	Web of Science	0.265	2021	0.275
R&D papers with foreign co-authors as % of all 4S R&D papers	%	Web of Science	52	202	55
Citations of Serbian R&D papers as % of citations of global R&D papers (cumulative)	%	Web of Science	0.168	2021	0.2
Total number of international Horizon Europe projects with participation from Serbian researchers	Number	MSTDI	70	2021	150
COST actions with participation from Serbian researchers as % of all COST actions	%	MSTDI	93%	2021	93.6%
Total number of EUREKA international projects with participation from Serbian researchers	Number	MSTDI	3	2021	10
Foreign R&D financing as % of all R&D financing	%	SORS	15.9	2021	18

Measure 1.1: Competitive calls aimed at the 4S areas as part of the Green Programme for Collaboration between Scientific Institutions and Businesses	
Institution responsible for monitoring and overseeing implementation: Science Fund, MSTDI	
Implementation period: 2023-2025	Type of measure: Incentive
Regulations required to be amended/adopted to implement measure:	N/A



Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of projects supported	Number	Science Fund	0	2022	20	20	44
Number of researchers involved	Number	Science Fund	0	2022	217	217	487

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Science Fund	0201-0013	194,000	180,000	240,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.1.1. Realization of projects within the Green Programme for Collaboration between Scientific Institutions and Businesses - Phase I	Science Fund	-	Q1 2025	Central government budget	0201-0013	194.000	180.000	40.000
1.1.2. Development of call criteria for the Green Programme for Collaboration between Scientific Institutions and Businesses - Phase II	Science Fund	-	Q2 2025	Central government budget	0201-0013	-	-	-
1.1.3. Announcement of calls and selection of submitted projects	Science Fund	-	Q3 2025	Central government budget	0201-0013	-	-	200.000

Measure 1.2: Adoption of regulations to govern extent of institutional financing for R&D organisations so as to promote relevancy and excellence in 4S areas	
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI	
Implementation period: 2023-2025	Type of measure: Regulatory

Regulations required to be amended/adopted to implement measure:				Programme for Institutional Funding of Institutes			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Document to govern allocation of institutional funding for R&D organisations adopted	0 – No 1 – Yes	MSTDI	0	2022	0	0	1

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget, regular outlays for MSTDI	0201-0007	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.2.1. Drafting of Programme for Institutional Funding of Institutes	MSTDI	-	Q4 2024	Central government budget	0201-0007	-	-	-
1.2.2. Adoption of document and roll-out of new funding system	MSTDI	-	Q1 2025	Central government budget	0201-0007	-	-	-

Measure 1.3: Programme to support experimental and innovative projects connecting the arts and science/technology							
Institution responsible for implementing (co-ordinating implementation) of measure: Centre for the Promotion of Science – CPS							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				Programme for Institutional Funding of Institutes			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of projects (annually)	Number	CPS	2	2021	2	5	9
Number of researchers involved (annually)	Number	CPS	12	2021	16	40	70

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – CPS	0201-0006	900	1,200	1,200
International funding (EU projects)	-	3,000	4,000	6,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.3.1. Advertisement of public call for experimental and innovative projects connecting the arts and science/technology	CPS		Q3 2023	International funding (EU projects)	-	-	-	-
1.3.2. Evaluation and monitoring of the projects applied	CPS		Q4 2024	-	0201-0006	3.900	5.200	7.200

Measure 1.4: Amendments to the Regulation on Evaluation and Quantification of Research and Development Output								
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI								
Implementation period: 2023-2025				Type of measure: Regulatory				
Regulations required to be amended/adopted to implement measure:				Regulation on Research and Academic Titles ( <i>Official Gazette of the Republic of Serbia</i> No. 159/20)				
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value	
Amendments to Regulation on Evaluation and Quantification of Research and Development Output adopted	0 – No 1 – Yes	MSTDI	0	2022	1	-	-	

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s
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		2023	2024	2025
Central government budget, regular outlays for MSTDI	0201-0007	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.4.1. Assessment of draft regulation against 4S goal and objectives	MSTDI		Q1 2023	Central government budget	0201-0007	-	-	-
1.4.2. Adoption of amended regulation	MSTDI		Q4 2023	Central government budget	0201-0007	-	-	-

Measure 1.5: Programme of support for excellence in ideas (IDEAS and PRISMA Programmes) *							
Institution responsible for implementing (co-ordinating implementation) of measure: Science Fund, MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects (Total) <sup>3</sup>	Number	Science Fund	105	2022	200	200	300
Number of projects supported under Artificial Intelligence sub-programme	Number	Science Fund	12	2022	12	12	24
Total number of researchers involved in programme	Number	Science Fund	1041	2022	2,000	2,000	3,000

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025

<sup>3</sup> Data shown for IDEAS, PRISMA, and IDEAS 2023 programmes (all programmes at various stages of implementation)

Central government budget – MSTDI/Science Fund	0201-0013	551.296	650.534	1.500.000
Loan agreement, Serbia Accelerating Innovation and Growth Entrepreneurship (SAIGE) Project, World Bank <sup>4</sup>	-	1.301.000	1.519.000	357.540

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.5.1. Development of criteria for public call for applications for IDEAS 2023 programme based on 4S	Science Fund	MSTDI, World Bank, EU	Q3 2023	01	0201-0013	-	-	-
1.5.2. Launch of public call and selection of projects applied for PRISMA and IDEAS 2023 programmes	Science Fund	World Bank, EU	Q4 2023 / Q1 2024	01 -	0201-0013 -	551.296 1.301.000	650.534 1.519.000	1.500.000 <sup>5</sup> 357.540

Measure 1.6: Innovation infrastructure for biomedicine, biotechnology, bioinformatics, and biodiversity (BIO4 Campus)							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI, Ministry for Public Investment							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Bio4 Campus Infrastructure Completion Rate	%	MSTDI	0	2022	0	0	100
Number of BIO4 Campus tenants	Number	MSTDI	0	2022	0	0	16

Source of funding for measure		Total estimated funding in RSD 000s
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<sup>4</sup> It is not included in the Programme Budget

<sup>5</sup> The realisation depends on the provision of funds based on the subsidies from the Central Government Budget

	Link to programme budget	2023	2024	2025
Central government budget – CEB loan	1511-5002	-	7.200.000	11.400.000
Loan agreement, Serbia Accelerating Innovation and Growth Entrepreneurship (SAIGE) Project, World Bank <sup>6</sup>	0201-4011	227.620	227.620	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.6.1. Preparation of design and technical documentation	Ministry for Public Investment	General Secretariat	Q4 2024	11	1511-5002	-	1.300.000	-
1.6.2. Construction of BIO4 Campus buildings	Ministry for Public Investment	General Secretariat	Q4 2025	11	1511-5002	-	5.900.000	11.400.000
1.6.3. Capacity-building for institutions intended to be BIO4 Campus tenants	MSTDI	World Bank and EU	Q4 2025	11	0201-4011	227.620	227.620	-
1.6.4. Development of Serbian biotech ecosystem	MSTDI	Office of the Prime Minister	Q4 2025	-	-	-	-	-
1.6.5. Development of international research and business co-operation	MSTDI	Office of the Prime Minister	Q4 2025	-	-	-	-	-

Measure 1.7: Research infrastructure for renewable energy sources, energy efficiency and eco-smart solutions								
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI								
Implementation period: 2023-2025				Type of measure: Incentive				
Regulations required to be amended/adopted to implement measure:				/				
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value	

<sup>6</sup> It is not included in the Programme Budget

The Centre of Exceptional Values established at the Faculty of Mechanical Engineering in Niš	0 – No 1 - Yes	MSTDI	0	2022.	0	0	1
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Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget	0201	-	-	-
European Investment Bank <sup>7</sup>	-	-	-	54.847

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.7.1. Infrastructure works on furnishing the premises	MSTDI	EIB	Q3 2025	EIB	-	-	-	54.847
1.7.2. Establishment and start of work of the Centre of Exceptional Values	MSTDI	-	Q4 2025	MSTDI	-	-	-	-

Measure 1.8: Support program for scientific research organisations for the implementation of projects in the field of artificial intelligence							
Institution responsible for implementing (co-ordinating implementation) of measure: Science Fund, MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value

<sup>7</sup> It is not included in the Programme Budget

Number of supported projects in the field of applied research	Number	Science Fund	6	2022.	6	21	21
Number of supported projects in the field of basic research	Number	Science Fund	6	2022	6	21	21

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
World Bank Project "SAIGE", Loan Agreement - Project to accelerate innovation and encourage the growth of entrepreneurship in the Republic of Serbia <sup>8</sup>	-	-	-	613.600

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.8.1. Development of criteria for the programme according to the findings of the smart specialization strategy	Science Fund	MSTDI	Q2 2024	SAIGE	-	-	-	-
1.8.2. Launch of calls and selection of submitted projects	Science Fund	MSTDI	Q4 2025	SAIGE	-	-	-	613.600

Measure 1.9: Support program for cooperation with top international experts in the field of artificial intelligence							
Institution responsible for implementing (co-ordinating implementation) of measure: Science Fund, MSTDI							
Implementation period: 2023-2025			Type of measure: Incentive				
Regulations required to be amended/adopted to implement measure:			/				
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value

<sup>8</sup> It is not included in the Programme Budget



Number of supported projects	Number	Science Fund	0	2022.	0	60	60
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Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
World Bank Project "SAIGE", Loan Agreement - Project to accelerate innovation and encourage the growth of entrepreneurship in the Republic of Serbia <sup>9</sup>	-	-	94.400	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.9.1. Development of criteria for the programme according to the findings of the smart specialization strategy	Science Fund	MSTDI	Q2 2024	SAIGE	-	-	-	-
1.9.2. Launch of calls and selection of submitted projects	Science Fund	MSTDI	Q4 2025	SAIGE	-	-	94.400	-

Measure 1.10: Programme to support the implementation of trainings in the field of artificial intelligence							
Institution responsible for implementing (co-ordinating implementation) of measure: Science Fund, MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects	Number	Science Fund	0	2022.	0	15	15
Number of researchers trained	Number	Science Fund	0	2022.	0	0	250

<sup>9</sup> It is not included in the Programme Budget

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
World Bank Project "SAIGE", Loan Agreement - Project to accelerate innovation and encourage the growth of entrepreneurship in the Republic of Serbia <sup>10</sup>	-	-	188.800	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
1.10.1. Development of criteria for the programme according to the findings of the smart specialization strategy	Science Fund	MSTDI	Q2 2024	SAIGE	-	-	-	-
1.10.2. Launch of calls and selection of submitted projects	Science Fund	MSTDI	Q4 2025	SAIGE	-	-	188.800	-

Objective 2: Economic development supported through innovation, R&D, and co-operation between quadruple helix stakeholders					
Institution responsible for monitoring and overseeing implementation: MSTDI					
Objective Indicator(s) (Outcome Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2025 target value
Number of innovative products or services developed as outputs of supported projects	Number	Innovation Fund	419	2021	750
Total number of technology transfers as outcomes of proof-of-concept programmes	Number	Innovation Fund	0	2021	2
2-year survival rate of supported start-ups	%	Innovation Fund	95	2021	95
Average annual growth rate of financed start-ups	%	Innovation Fund	22	2021	25

<sup>10</sup> It is not included in the Programme Budget



Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of joint ventures supported (cumulative)	Number	Innovation Fund	63	2022	70	80	80
Number of supported 4S joint ventures as % of total number of projects supported	%	Innovation Fund	96%	2022	96%	96%	96%

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
IPA 2019 – Competitiveness and Innovation	0201-7079	280.129	560.258	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.2.1. Development of criteria for public call and programme documentation	Innovation Fund	MSTDI, Ministry of Finance, World Bank, EU	Q2 2023	-	0201-7079	-	-	-
2.2.2. Advertisement and organisation of 2023 public call for applications	Innovation Fund	MSTDI, Ministry of Finance, World Bank, EU	Q4 2025	01 56	0201-7079	107.742 172.387	-	-
2.2.3. Advertisement and organisation of 2024 public call for applications	Innovation Fund	MSTDI, Ministry of Finance, World Bank, EU	Q4 2026	01 56	0201-7079	-	215.484 344.774	-

Measure 2.3: Funding of innovative projects by businesses (Matching Grants Programme)	
Institution responsible for implementing (co-ordinating implementation) of measure: Innovation Fund, MSTDI	
Implementation period: 2023-2025	Type of measure: Incentive

Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects (cumulative)	Number	Innovation Fund	77	2022.	84	90	90
Number of supported 4S projects by businesses as % of total number of supported projects	%	Innovation Fund	95%	2022.	95%	95%	95%

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
IPA 2019 – Competitiveness and Innovation	0201-7079	280.129	560.258	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.3.1. Development of criteria for public call and programme documentation	Innovation Fund	MSTDI, Ministry of Finance, EU	Q2 2023	-	0201-7079	-	-	-
2.3.2. Advertisement and organisation of 2023 public call for applications	Innovation Fund	MSTDI, Ministry of Finance, EU	Q4 2025	01 56	0201-7079	107.742 172.387	-	-
2.3.3. Advertisement and organisation of 2024 public call for applications	Innovation Fund	MSTDI, Ministry of Finance, EU	Q4 2026	01 56	0201-7079	-	215.484 344.774	-

Measure 2.4: Start-up accelerator (Catapult Acceleration Programme)	
Institution responsible for implementing (co-ordinating implementation) of measure: Innovation Fund, MSTDI	
Implementation period: 2023-2025	Type of measure: Incentive
Regulations required to be amended/adopted to implement measure:	/

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of start-ups supported (cumulative)	Number	Innovation Fund	19	2022	40	60	80
Percentage of start-ups supported active in 4S areas	%	Innovation Fund	89%	2021	90%	90%	90%

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
World Bank Project "SAIGE", Loan Agreement - Project to accelerate innovation and encourage the growth of entrepreneurship in the Republic of Serbia <sup>11</sup>	0201-4011	360,000	360,000	240,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.4.1. Development of criteria for public call for applications to reflect 4S findings	Innovation Fund	MSTDI, World Bank, and EU	Q2 2023	11	-	-	-	-
2.4.2. Advertisement and organisation of public call for applications (one call per year)	Innovation Fund	World Bank and EU	Q3 2023, Q3 2024, Q3 2025	11	-	360.000	360.000	240.000

Measure 2.5: Start-up project financing (Mini Grants Programme)	
Institution responsible for implementing (co-ordinating implementation) of measure: Innovation Fund, MSTDI	
Implementation period: 2023-2025	Type of measure: Incentive
Regulations required to be amended/adopted to implement measure:	/

<sup>11</sup> It is not included in the Programme Budget

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of start-ups supported (cumulative)	%	Innovation Fund	239	2022.	265	290	290
Percentage of start-ups supported active in 4S areas	Number	Innovation Fund	95%	2022.	95%	95%	95%

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
IPA 2019 – Competitiveness and Innovation	0201-7079	280.129	560.258	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.5.1. Development of criteria for public call and programme documentation for Mini Grants Programme	Innovation Fund	MSTDI, Ministry of Finance, World Bank, EU	Q2 2023	-	0201-7079	-	-	-
2.5.2. Advertisement and organisation of 2023 public call for applications for Mini Grants Programme	Innovation Fund	MSTDI, Ministry of Finance, World Bank, EU	Q4 2025	01 56	0201-7079	107.742 172.387	-	-
2.5.3. Advertisement and organisation of 2024 public call for applications for Mini Grants Programme	Innovation Fund	MSTDI, Ministry of Finance, World Bank, EU	Q4 2026	01 56	0201-7079	-	215.484 344.774	-

Measure 2.6: Technology transfer support (Technology Transfer Programme)	
Institution responsible for implementing (co-ordinating implementation) of measure: Innovation Fund, MSTDI	
Implementation period: 2023-2025	Type of measure: Incentive
Regulations required to be amended/adopted to implement measure:	/

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of R&D organisation projects supported	%	Innovation Fund	59	2022	80	120	150
Percentage of supported start-ups active in 4S areas	Number	Innovation Fund	90%	2022	90%	90%	90%

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – MSTDI/Innovation Fund	0201-0005	100,000	100,000	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.6.1. Development of criteria for public call and programme documentation	Innovation Fund	MSTDI	Q2 2023	Central government budget	0201-0005	-	-	-
2.6.2. Advertisement and organisation of public call for applications	Innovation Fund	MSTDI	Q4 2025	Central government budget	0201-0005	100.000	100.000	-

<b>Measure 2.7: Support programme for innovative entrepreneurship on the development of technologies based on artificial intelligence (Artificial Intelligence Programme)</b>							
Institution responsible for implementing (co-ordinating implementation) of measure: Innovation Fund, MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target year	2024 target value	2025 target value
Number of supported projects	Number	Science Fund	0		0	0	30



				2022			
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Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
World Bank Project “SAIGE”, Loan Agreement – Serbia Accelerating Innovation and Growth Entrepreneurship Project <sup>12</sup>	-	-	-	1.180.000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.7.1. Announcement of calls for projects in the field of artificial intelligence	Science Fund	-	Q2 2024	World Bank SAIGE Project	-	-	-	-
2.7.2. Monitoring of project implementation	Science Fund	-	Q4 2025	World Bank SAIGE Project	-	-	-	1.180.000

Measure 2.8: Innovation Program – Proof of Concept, Program for researchers from R&D institutes							
Institution responsible for implementing (co-ordinating implementation) of measure: Science Fund, MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target year	2024 target value	2025 target value
Number of supported projects (annually)	Number	Science Fund	0		50	50	50

<sup>12</sup> It is not included in the Programme Budget

				2023			
Number of researchers involved (annually)	Number	Science Fund	0	2023	6	6	6

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – MSTDI/Science Fund of the Republic of Serbia	0201-0013	-	-	118.000
World Bank Project “SAIGE”, Loan Agreement – Serbia Accelerating Innovation and Growth Entrepreneurship Project <sup>13</sup>	-	59.236	118.000	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.8.1. Development of criteria for public calls based on the findings of the Smart Specialization Strategy	Science Fund	MSTDI, World Bank, EU	Q2 2023	World Bank SAIGE Project	-	-	-	-
2.8.2. Advertisement and implementation of public calls	Science Fund	-	Q3 2023	Central government budget  World Bank SAIGE Project	0201-0013  -	- 59.236	- 118.000	118.000 -

Measure 2.9: Incentives for R&D in agriculture and food industry
Institution responsible for implementing (co-ordinating implementation) of measure: MAFWM

<sup>13</sup> It is not included in the Programme Budget

Implementation period: 2023-2025			Type of measure: Incentive				
Regulations required to be amended/adopted to implement measure:			/				
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of contracts signed (annually)	Number	MAFWM	0	2022	36	36	40

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget - MAFWM	0103-0002	216.800	216.800	216.800

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.9.1. Development of criteria for public calls based on the findings of the Smart Specialization Strategy	MAFWM	MSDTI	Q2 2023	Central government budget	01	0103-0002	-	-
2.9.2. Amendments of the Rulebook on incentives for the improvement of the system of knowledge creation and transfer through the development of technical-technological, applied, developmental and innovative projects in agriculture and rural development	MAFWM	MSDTI	Q3 2023	Central government budget	01	0103-0002	-	-
2.9.3. Advertisement and implementation of public calls	MAFWM	MSDTI	Q3 2023	Central government budget	01	0103-0002	216.800	216.800

Measure 2.10: Creative Hub – Ložionica							
Institution responsible for implementing (co-ordinating implementation) of measure: Office for IT and eGovernment							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Architectural design developed	0 – No 1 – Yes	Office for IT and eGovernment	0	2022	1	1	1
Space opened for public	0 – No 1 - Yes	Office for IT and eGovernment	0	2022	0	0	1

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget	0614-4006	3.120.264	2.640.0000	2.877.000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.10.1. Development of an architectural solution and beginning of works	Office for IT and eGovernment	Prime Minister's Cabinet, Office Serbia Creates	2023	Central government budget	0614-4006	8.152	-	-
2.10.2 Completion of infrastructure works and space furnishing	Office for IT and eGovernment	Prime Minister's Cabinet, Office Serbia Creates	2025	Central government budget	0614-4006	3.087.000	2.550.000	2.400.000
2.10.3 Defining the legal status and establishing a management team.	Office for IT and eGovernment	Prime Minister's Cabinet, Office Serbia Creates	2023	Central government budget	0614-4006	12	-	-

Adoption of the program Strategy								
2.10.4 Defining operational procedures	Office for IT and eGovernment  Serbia Creates	Prime Minister's Cabinet, Office Serbia Creates	2024	Central government budget	0614-4006	7.100	72.000	150.000
2.10.5 Arrival of partners in the space, cooperation with different economic activities	Office for IT and eGovernment  Serbia Creates	Prime Minister's Cabinet, Office Serbia Creates	2025	Central government budget	0614-4006	18.000	18.000	150.000
2.10.6 Space furnished for the public	Office for IT and eGovernment  Serbia Creates	Prime Minister's Cabinet, Office Serbia Creates	2025	Central government budget	0614-4006	-	-	135.000
2.10.7 Beginning of implementation of the Annual program	Office for IT and eGovernment  Serbia Creates	Prime Minister's Cabinet, Office Serbia Creates	2025	Central government budget	0614-4006	-	-	42.000

Measure 2.11: Research Infrastructure Roadmap in the Republic of Serbia							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Research Infrastructure Roadmap in the Republic of Serbia prepared	0 - No 1 - Yes	MSTDI	0	2022	-	1	1

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – MSTDI regular allocations	0201-0007	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.11.1. Launching of the public call	MSTDI		Q2 2024	Central government budget	0201-0007	-	-	-
2.11.2. Research infrastructure mapping and publishing the final document	MSTDI		Q4 2024	Central government budget	0201-0007	-	-	-

Measure 2.12: Establishing a framework and implementing activities to improve the dialogue between the actors of the quadruple helix							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Informative-educational			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of EDP workshops held (annually)	Number	MSTDI	1	2022	2	2	2

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
World Bank, SAIGE Project, Loan Agreement – Serbia Accelerating Innovation and Growth Entrepreneurship	0201-4011	2,400	-	2,400

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.12.1. Implementation of EDP workshops	MSTDI	World Bank, EU	Q4 2025	11	0201-4011	2.400	-	2.400

Measure 2.13: Popularization and increased use of tax reliefs for R&D							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Informative-educational			
Regulations required to be amended/adopted to implement measure:					/		
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
The number of promotional campaigns held	Number	MSTDI	0	2022.	6	7	-

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – MSTDI/Innovation Fund	0201-0005	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.13.1. Presentation of the tax benefit reliefs within the campaign "Serbia, the country of science, the country of innovation"	MSTDI	Chamber of Commerce, IF, SF, CPS	Q2 2024	Central government budget	0201-0005	-	-	-

Measure 2.14: Establishing an online portal for research infrastructure							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Online portal for research infrastructure developed and operational	0 – No 1 - Yes	MSTDI	0	2022	-	1	1

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Loan agreement, Serbia Accelerating Innovation and Growth Entrepreneurship (SAIGE) Project, World Bank	0201-4011	4,700	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.14.1. Public call for engagement of expert for the establishment of the research infrastructure online platform	MSTDI	World Bank, EU	Q2 2023	11	0201-4011	-	-	-
2.14.2. Evaluation and selection of the best bids	MSTDI	World Bank, EU	Q2 2023	11	0201-4011	-	-	-
2.14.3. Finalization and operationalization of the online platform	MSTDI	-	Q4 2023	11	0201-4011	4.700	-	-



Measure 2.15: Investments in physical assets of agricultural households (IPARD Measure 1)							
Institution responsible for implementing (co-ordinating implementation) of measure: MAFWM							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects (annually)	Number	MAFWM	0	2022.	280	60	120
Number of holdings/companies that modernized their production (annually)	Number	MAFWM	0	2022	180	60	120
Number of holdings/companies that are advancing towards the achievement of the EU standards (annually)	Number	MAFWM	0	2022	140	30	60

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
IPARD III	0103-4005	4.271.234	2.546.447	2.402.701

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.15.1. Implementation of the call for IPARD III program which include criteria from the Smart Specialization Strategy	MAFWM	Directorate for Agrarian Payments	Q2 2024	56	0103-4005	4.271.234	2.546.447	2.402.701
2.15.2. Monitoring the effects of implementation of measures in IPARD III program	MAFWM	Directorate for Agrarian Payments	2027	56	0103-4005	-	-	-

Measure 2.16: Investments in physical assets related to processing and marketing of agriculture products and fishery products (IPARD Measure 3)							
Institution responsible for implementing (co-ordinating implementation) of measure: MAFWM							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects (annually)	Number	MAFWM	0	2022	120	22	44
Number of households/companies that modernized their production (annually)	Number	MAFWM	0	2022	120	22	44
Number of households/companies that are advancing towards the achievement of EU standards (annually)	Number	MAFWM	0	2022	120	11	22

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
IPARD III	0103-4005	1.582.372	1.226.447	2.402.701

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.16.2. Implementation of the calls of the IPARD III program, which include criteria related to the Smart Specialization Strategy	MAFWM	Directorate for Agrarian Payments	Q2 2024	56	0103-4005	1.582.372	1.226.447	2.402.701
2.16.3. Monitoring the effects of the implementation of measures within the IPARD III program	MAFWM	Directorate for Agrarian Payments	Q4 2027	56	0103-4005	-	-	-

Measure 2.17: Diversification of agriculture households and business development (IPARD Measure 7)							
Institution responsible for implementing (co-ordinating implementation) of measure: MAFWM							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects (annually)	Number	MAFWM	0	2022	130	0	150
Total value of supported investments in physical assets per beneficiary (annually)	Serbian dinar	MAFWM	0	2022	20,000,000.00	0	40,000,000.00
Number of agriculture households/companies that develop additional or diversified sources of income in rural areas (annually)	Number	MAFWM	0	2022	85	0	150

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
IPARD III	0103-4005	380.000	7.031.622	1.425.103

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.17.1. Implementation of the calls of the IPARD III program, which include criteria related to the Smart Specialization Strategy	MAFWM	Directorate for Agrarian Payments	Q2 2024	56	0103-4005	380.000	7.031.622	1.425.103
2.17.2. Monitoring the effects of the implementation of measures within the IPARD III program	MAFWM	Directorate for Agrarian Payments	Q4 2027	56	0103-4005	-	-	-

Measure 2.18: Support program for the work of regional innovative start-up and smart city centers							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects (annually)	Number	MSTDI	18	2022	18	18	18

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget - MSTDI	0201-0002	-	154,000	160,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.18.1. Implementation of public calls in the program	MSTDI	-	Q4 2023	Central government budget - MSTDI	0201-0002	-	154,000	160,000
2.18.2. Monitoring program effects	MSTDI	-	Q4 2025	Central government budget - MSTDI	0201-0002	-	-	-

Measure 2.19: Innovation and digital transformation support program in the Republic of Serbia							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI, National Alliance for Local Economic Development (NALED)							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of supported projects	Number	MSTDI	28	2022	43	-	-

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Donor funds (Philip Morris International – STARTECH Project)	-	114,000	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
2.19.1. Advertisement and implementation of public calls	MSTDI	NALED	Q2 2023	Donor funds	-	-	-	-
2.19.2. Evaluation of public calls	MSTDI	NALED	Q3 2023	Donor funds	-	-	-	-
2.19.3. Awarding of grants	MSTDI	NALED	Q4 2023	Donor funds	-	114,000	-	-

Special objective 3: Innovation and entrepreneurship-oriented education					
Institution responsible for monitoring and overseeing implementation: MSTDI					
Objective Indicator(s) (Outcome Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2025 target value
Number of newly achieved project partnerships between business sector and academia	Number	MSTDI	36	2021	70
Number of newly established business entities whose founders/owners are up to 30 years old	Number	BRA	9,000	2021	10,000
Share of patents and technical solutions in the overall scientific results	%	MSTDI	1.5	2021	3

Measure 3.1: Trainings for researchers with the aim of strengthening cooperation between researchers on the market as part of the program for transformation of institutes							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of trained researchers	Number	MSTDI	0	2022	50	50	50
Number of trained institutes	Number	MSTDI	0	2022	18	20	20

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Loan agreement, Serbia Accelerating Innovation and Growth Entrepreneurship (SAIGE) Project, World Bank	0201-4011	5,400	5,400	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
3.1.1. Knowledge and technology transfer trainings	MSTDI	World Bank, EU	Q4 2024	11	0201-4011	-	-	-
3.1.2. Project preparation and management trainings	MSTDI	World Bank, EU	Q4 2024	11	0201-4011	5.400	5.400	-

Measure 3.2: Development of an interdisciplinary education programme Master 4.0 for bioinformatics studies	
Institution responsible for implementing (co-ordinating implementation) of measure: Ministry of Education	
Implementation period: 2023-2025	Type of measure: Incentive
Regulations required to be amended/adopted to implement measure:	/

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of students of the Master 4.0 study programme (annually)	Number	Ministry of Education	0	2023	0	0	30

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Ministry of Education	01/2005/0014	-	22.000	22.000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
3.2.1. Development of criteria	Ministry of Education	National Accreditation Body, Centre for fourth industrial revolution	Q1 2024	Central government budget	01/2005/0014	-	-	-
3.2.2. Implementation of the Programme	Ministry of Education		Q2 2024	Central government budget	01/2005/0014	-	-	-
3.2.3. Programme evaluation	Ministry of Education		Q2 2024	Central government budget	01/2005/0014	-	-	-
3.2.4. Accreditation and implementation of new study programmes	Ministry of Education	National Accreditation Body	Q4 2025	Central government budget	01/2005/0014	-	22.000	22.000

Measure 3.3: Improving the model for involving experts from practice in the educational process	
Institution responsible for implementing (co-ordinating implementation) of measure: Ministry of Education	
Implementation period: 2023-2025	Type of measure: Informative-educational
Regulations required to be amended/adopted to implement measure:	/

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Analysis prepared	0/1	Ministry of Education	0	2022	1	1	1

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Ministry of Education	01/2005/0014	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
3.3.1. Analysis of best practice and recommendations for involvement of experts into the education process	Ministry of Education	CONUS, National Accreditation Body, Office for Dual Education and NQFS	Q1 2024	Central government budget	01/2005/0014	-	-	-
3.3.2. Consultations with the academia and the business community	Ministry of Education	MSTDI	Q2 2024	Central government budget	01/2005/0014	-	-	-
3.3.3. Promotion of best practice	Ministry of Education		Q4 2024	Central government budget	01/2005/0014	-	-	-

Measure 3.4: Student competition that will promote student innovation, entrepreneurial spirit and environmental awareness							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value



Number of new eco-innovative products (annually)	Number	MSTDI		2022	7	7	8
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Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Donor funds – HELVETAS and Dr. Oetker	-	1,600	2,000	2,200

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024.	2025.
3.4.1. Development of criteria of public calls and training for student teams	MSTDI	Association of Food Technologists Ekotrofeliya Evropa, Dr. Oetker, DESING, Case study club	Q1 and Q2 2023, 2024 and 2025	-	-	-	-	-
3.4.2. Implementation of public calls	MSTDI	Association of Food Technologists STP Belgrade, CPN, HELVETAS and Dr. Oetker	Q2 and Q3 2023, 2024 and 2025	HELVETAS and Dr. Oetker	-	1.600	2.000	2.200
3.4.3. Continuous support to student teams	MSTDI	Association of Food Technologists HELVETAS and Dr. Oetker	Q3 and Q4 2023, 2024 and 2025	HELVETAS and Dr. Oetker	-	-	-	-

Measure 3.5: Development of new interdisciplinary master programs for AI application in BIO4 areas	
Institution responsible for implementing (co-ordinating implementation) of measure: Ministry of Education	
Implementation period: 2023-2025	Type of measure: Incentive

Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of students in master studies (annually)	Number	Ministry of Education	0	2022	0	0	100

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Ministry of Education	01/2005/0014	-	22,000	22,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
3.5.1. Development of public call criteria	Ministry of Education	National Accreditation Body	Q1 2024	Central government budget	01/2005/0014	-	-	-
3.5.2. Implementation of public call	Ministry of Education		Q2 2024	Central government budget	01/2005/0014	-	-	-
3.5.3. Evaluation of public call	Ministry of Education		Q2 2024	Central government budget	01/2005/0014	-	-	-
3.5.4. Accreditation and implementation of new study programs	Ministry of Education	National Accreditation Body	Q4 2025	Central government budget	01/2005/0014	-	22.000	22.000

Measure 3.6: Organization of trainings in the field of bioinformatics (human genetics) / improvement of existing human capacities	
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI, Centre for fourth industrial revolution (C4IR)	
Implementation period: 2023-2025	Type of measure: Informative-educational
Regulations required to be amended/adopted to implement measure:	/

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of realized trainings (annually)	Number	C4IR	0	2023.	0	1	2
Number of training participants	Number	C4IR	0	2023.	0	10	20

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Loan agreement, Serbia Accelerating Innovation and Growth Entrepreneurship (SAIGE) Project, World Bank	0201-4011	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
3.6.1. Implementation of trainings	MSTDI	C4IR	Q1 2025	11	0201-4011	-	-	-

Measure 3.7: Defining legal framework for the procedure of implementation of industrial PhDs							
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI, Ministry of Education (ME)							
Implementation period: 2023-2025			Type of measure: Regulatory				
Regulations required to be amended/adopted to implement measure:			/				
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Legal framework adopted (Instructions)	0 - No 1 - Yes	MSTDI	0	2022	0	1	1

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – MSTDI regular allocations	0201-0007	-	-	-

Loan agreement, Serbia Accelerating Innovation and Growth Entrepreneurship (SAIGE) Project, World Bank	0201-4011	-	-	-
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Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
3.7.1. Analysis of legal regulations and best practice	MSTDI	ME, National Accreditation Body	Q2 2023	01	0201-0007	-	-	-
3.7.2. Stakeholder consultations	MSTDI	ME, National Accreditation Body, World Bank and EU	Q3 2023	11	0201-4011	-	-	-
3.7.3. Publications of Instructions for implementation of Industrial PhD and promotion of best practice	MSTDI	ME, National Accreditation Body, World Bank and EU	Q1 2024	01	0201-0007	-	-	-

Measure 3.8: Dual model of studies in higher education							
Institution responsible for implementing (co-ordinating implementation) of measure: Office for Dual Education and National Qualifications Framework, Qualification Agency							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of study programs	Number	Office for Dual Education and National Qualifications Framework, Ministry of Education	2022.	35	38	41	2022.
Number of higher education institutions included in the dual education program	Number	Office for Dual Education and National Qualifications Framework,	2022.	11	13	15	2022.

		Ministry of Education					
Number of students who attend study programs based on the dual education model	Number	Office for Dual Education and National Qualifications Framework, Ministry of Education	2022.	550	650	750	2022.
Number of developed qualification standards in higher education	Number	Qualification Agency	2022	0	5	10	2022

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Budget of HEI		-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
3.8.1. Implementation and monitoring of the dual study model in higher education	Office for Dual Education and National Qualifications Framework	-	Q4 2025	-	-	-	-	-
3.8.2. Development of qualification standards in higher education	Qualification Agency	-	Q4 2025	-	-	-	-	-

Special objective 4: Improved business conditions through optimization and digitalization of administrative procedures in 4S areas						
Institution responsible for monitoring and overseeing implementation: MSTDI, Ministry of Economy, Ministry of Information and Telecommunications, Office for IT and Electronic Administration						
Objective Indicator(s) (Outcome Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2025 target value	

Share of enterprises with the minimum Internet speed of 100 Mbit/s	%	SORS	34.5	2021	40
Share of enterprises that sell products/services via Internet	%	SORS	28	2022	32

Measure 4.1: Digital transformation support programme							
Institution responsible for implementing (co-ordinating implementation) of measure: Ministry of Economy, Center for Digital Transformation (CDT)							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of enterprises that have implemented digital transformation solutions	Number	CDT	177	2022	200	250	300
Number of enterprises that have implemented AI-based solutions	Number	CDT	6	2022	30	40	50

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Ministry of Economy	1509-4008	330.000	340.000	350.000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
4.1.1. Preparation of the Digital transformation support program	CDT	Ministry of Economy	Q4 2023	Central government budget – Ministry of Economy	1509-4008	330.000	340.000	350.000
4.1.2. Monitoring implementation of digital transformation solutions	CDT	Ministry of Economy	Q4 2025	Central government budget –	1509-4008	-	-	-

				Ministry of Economy				
4.1.3. Monitoring implementation of AI-based solutions	CDT	Ministry of Economy	Q4 2025	Central government budget – Ministry of Economy	1509-4008	-	-	-

Measure 4.2: Construction of optic broadband network in rural areas in Serbia – Phases 1 and 2								
Institution responsible for implementing (co-ordinating implementation) of measure: Ministry of Information and Telecommunications (MIT)								
Implementation period: 2023-2025				Type of measure:				
Regulations required to be amended/adopted to implement measure:				/				
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value	
Number of rural settlements where access to broadband network was enabled	Number	MIT	0	2022	250	600	950	

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Project loan and EU financial assistance (WBIF grant)	0703-4005	2.700.000	7.200.000	7.500.000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
4.2.1 Monitoring the progress of optical broadband network construction in rural areas of the Republic of Serbia - phases 1 and 2.	Ministry of Information and Telecommunications	-	Q4 2025	Project loan and EU financial assistance (WBIF grant)	0703-4005	2.700.000	7.200.000	7.500.000

Measure 4.3: Implementation of the project “Innovation District” within the State Data Center – Phase 3							
Institution responsible for implementing (co-ordinating implementation) of measure: Office for IT and eGovernment							
Implementation period: 2023-2025				Type of measure:			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of education institutions and business entities that use the capacities of “Innovation District”	Number	Office for IT and eGovernment	0	2022	0	0	10

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget	0614-5019	-	230.000	1.000.000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
4.3.1. Supervising the execution of the "Innovation District" project - Phase 3.	Office for IT and eGovernment	-	Q4 2025	Central government budget	0614-5019	-	230.000	1.000.000

Measure 4.4: Support for better functioning of local self-government units by using innovative IT solutions through the project “Smart City”							
Institution responsible for implementing (co-ordinating implementation) of measure: Office for IT and eGovernment							
Implementation period: 2023-2025				Type of measure:			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value



Number of implemented solutions for smart cities (aggregate)	Number	Office for IT and eGovernment	0	2022	0	2	3
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Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget	0614-5015	54.800	750.000	750.000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
4.4.1 Implementation of the annual Public call for cities/LSUs for participation in the project Smart City, in partnership with economy and academia	Office for IT and eGovernment	-	Q4 2025	Central government budget	0614-5015	54.800	750.000	750.000

Special objective 5: Internationalization of the economy through inclusion in regional and global value chains in the areas of 4S					
Institution responsible for monitoring and overseeing implementation: MSTDI, ME, MFA					
Objective Indicator(s) (Outcome Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2025 target value
Coverage of imports by exports in the medium/high technology sector of the industry	%	SORS	70.42	2021	88
Total export of ICT services	Bln. EUR	NBS	2.7	2021	3.6
Total exports in the priority area "Food for the Future"	Bln. EUR	SORS	3.8	2021	4.5
Total exports in the priority area "Machines and production processes of the future"	Bln. EUR	SORS	5.5	2021	6.2

Measure 5.1: Establishing interregional partnerships within the thematic smart specialization platforms
Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI

Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of established partnerships within the thematic smart specialization platforms	Number	MSTDI	0	2022	0	0	1

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget	0201-0007	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
5.1.1. Identification of the possibility of establishing partnerships within thematic platforms	MSTDI	-	Q4 2023	Central government budget	0201-0007	-	-	-
5.1.2. Organization of a sectoral EDP workshop on the topic of thematic platforms and opportunities for cooperation	MSTDI	-	Q4 2023	Central government budget	0201-0007	-	-	-
5.1.3. Initiating communication and program development with identified potential partner regions	MSTDI	-	Q4 2024	Central government budget	0201-0007	-	-	-

Measure 5.2: Establishing cooperation with countries in the region through smart specialization
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Institution responsible for implementing (co-ordinating implementation) of measure: MSTDI							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Total number of joint thematic meetings as part of the Smart Specialization Strategy implementation	Number	MSTDI	0	2022	1	2	2

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – MSTDI regular allocations	0201 - 0007	-	-	-

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
5.2.1. Participation in thematic activities and workshops organized by the JRC	MSTDI		Q2 2024	Central government budget	0201 - 0007	-	-	-
5.2.2. Implementation of joint projects	MSTDI		Q4 2025	Central government budget	0201 - 0007	-	-	-

Measure 5.3: Support program for internationalization of industrial business entities	
Institution responsible for implementing of measure: Ministry of Economy, Development Agency of Serbia (DAS)	
Implementation period: 2023-2025	Type of measure: Incentive
Regulations required to be amended/adopted to implement measure:	/

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Value of export of processing industry	EUR millions	SORS	19,061.5	2021	22,500	22,700	23,000

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Ministry of economy	1510-0001	250,000	250,000	250,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
5.3.1 Implementation of annual support programs for the improvement of export capabilities and export promotion	DAS	Chamber of Commerce	Q4 2025	Central government budget – Ministry of Economy	1510-0001	150,000	150,000	150,000
5.3.2 Organization of national stands at international fairs	DAS	Chamber of Commerce	Q4 2025	Central government budget – Ministry of Economy	1510-0001	100,000	100,000	100,000

Measure 5.4: Support program for industrial economic entities to enter the supplier chains of multinational companies							
Institution responsible for implementation: Ministry of Economy, Development Agency of Serbia (DAS)							
Implementation period: 2023-2025				Type of measure: Incentive			
Regulations required to be amended/adopted to implement measure:				/			
Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value

Number of new suppliers to MNC from the Republic of Serbia annually	Number	DAS	0	2022	15	18	21
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Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Ministry of Economy	1510-0001	260,000	250,000	250,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
5.4.1 Implementation of annual support programs for the establishment of business capabilities and the adoption of business principles in international value chains	DAS		Q4 2025	Central government budget – Ministry of Economy	1510-0001	50,000	50,000	50,000
5.4.2 Implementation of annual support programs for the improvement of business skills in order to enter supplier chains and expand business with MNCs	DAS		Q4 2025	Central government budget – Ministry of Economy	1510-0001	200,000	200,000	200,000
5.4.3 Creation of a platform for connecting SMEs and MNCs	DAS		Q4 2025	Central government budget – Ministry of Economy	1510-0001	10,000	-	-

Measure 5.5: Cultural-information center in London (Creative Embassy)	
Institution responsible for implementing (co-ordinating implementation) of measure: Ministry of Foreign Affairs (MFA)	
Implementation period: 2023-2025	Type of measure: Incentive
Regulations required to be amended/adopted to implement measure:	/

Measure Indicator(s) (Output Indicator(s))	Unit	Source of verification	Baseline value	Baseline year	2023 target value	2024 target value	2025 target value
Number of programs held annually	Number	Ministry of Foreign Affairs	0	2022	4	38	38

Source of funding for measure	Link to programme budget	Total estimated funding in RSD 000s		
		2023	2024	2025
Central government budget – Ministry of Foreign Affairs		11,000	61,000	63,000

Activity name	Responsible authority	Partner authorities	Time limit for completion	Source of funding	Link to programme budget	Total estimated funding in RSD 000s		
						2023	2024	2025
5.5.1. Completion of infrastructure works and furnishing of space	Ministry of Foreign Affairs/Embassy in London	Cabinet of the Prime Minister of Serbia, Serbia Creates	Q4 2023	Central government budget		-	-	-
5.5.2. Preparatory activities and opening ceremony	Ministry of Foreign Affairs/Embassy in London	Serbia Creates	2023	Central government budget		9,700	25,000	27,000
5.5.3. Start of program implementation	Ministry of Foreign Affairs/Embassy in London	Serbia Creates Embassy of the Republic of Serbia	End of 2023. – 2025	Central government budget		2,800	36,000	36,000

## V. FINAL PART

This action plan shall be published on the Government's website, on the eGovernment portal and on the website of the Ministry of Science, Technological Development and Innovation, within seven working days from the date of adoption.

This action plan will be published in the "Official Gazette of the Republic of Serbia".

05 Number: 660-12859/2023-1  
Belgrade, 28. December 2023.

GOVERNMENT

Prime Minister

Ana Brnabić

## ANNEX 1 – Classification of priority areas according to the NACE economic activities

Priority area: Food for the future	
Activity code	Name of the activity
0111	Growing of cereals (except rice), leguminous crops and oil seeds
0113	Growing of vegetables and melons, roots and tubers
0116	Growing of fibre crops
0119	Growing of other non-perennial crops
0121	Growing of grapes
0124	Growing of pome fruits and stone fruits
0125	Growing of other tree and bush fruits and nuts
0126	Growing of oleaginous fruits
0127	Growing of beverage crops
0128	Growing of spices, aromatic, drug and pharmaceutical crops
0129	Growing of other perennial crops
0130	Plant propagation
0141	Raising of dairy cattle
0142	Raising of other cattle and buffaloes
0143	Raising of horses and other equines
0145	Raising of sheep and goats
0146	Raising of swine/pigs
0147	Raising of poultry
0149	Raising of other animals
0150	Mixed farming
0161	Support activities for crop production
0162	Support activities for animal production
0163	Post-harvest crop activities
0164	Seed processing for propagation
0170	Hunting, trapping and related service activities



0210	Silviculture and other forestry activities
0220	Logging
0230	Gathering of wild growing non-wood products
1011	Processing and preserving of meat
1012	Processing and preserving of poultry meat
1013	Production of meat and poultry meat products
1020	Processing and preserving of fish, crustaceans and molluscs
1031	Processing and preserving of potatoes
1032	Manufacture of fruit and vegetable juices
1039	Other processing and preserving of fruit and vegetables
1041	Manufacture of oils and fats
1051	Operation of dairies and cheese making
1052	Manufacture of ice cream
1061	Manufacture of grain mill products
1062	Manufacture of starches and starch products
1071	Manufacture of bread; manufacture of fresh pastry goods and cakes
1072	Manufacture of rusks and biscuits; manufacture of preserved pastry goods and cakes
1073	Manufacture of macaroni, noodles, couscous and similar farinaceous products
1081	Manufacture of sugar
1082	Manufacture of cocoa, chocolate and sugar confectionery
1083	Processing of tea and coffee
1084	Manufacture of condiments and seasonings
1085	Manufacture of prepared meals and dishes
1086	Manufacture of homogenized food preparations and dietetic food
1089	Manufacture of other food products n.e.c.
1091	Manufacture of prepared feeds for farm animals
1092	Manufacture of prepared pet foods
1101	Distilling, rectifying and blending of spirits

1102	Manufacture of wine from grape
1104	Manufacture of other non-distilled fermented beverages
1105	Manufacture of beer
1106	Manufacture of malt
1107	Manufacture of soft drinks; production of mineral waters and other bottled waters
7211	Research and experimental development on biotechnology
<b>Priority area: Information-communication technologies</b>	
<b>Activity code</b>	<b>Name of the activity</b>
2611	Manufacture of electronic components
2612	Manufacture of loaded electronic boards
2620	Manufacture of computers and peripheral equipment
2630	Manufacture of communication equipment
2640	Manufacture of consumer electronics
2680	Manufacture of magnetic and optical media
2711	Manufacture of electric motors, generators and transformers
4651	Wholesale of computers, computer peripheral equipment and software
4652	Wholesale of electronic and telecommunications equipment and parts
4741	Retail sale of computers, peripheral units and software in specialized stores
4742	Retail sale of telecommunications equipment in specialized stores
5821	Publishing of computer games
5829	Other software publishing
6110	Wired telecommunications activities
6120	Wireless telecommunications activities
6130	Satellite telecommunications activities
6190	Other telecommunications activities
6201	Computer programming activities
6202	Computer consultancy activities
6203	Computer facilities management activities

6209	Other information technology and computer service activities
6311	Data processing, hosting and related activities
6312	Web portals
9511	Repair of computers and peripheral equipment
9512	Repair of communication equipment
<b>Priority area: Creative industries</b>	
<b>Activity code</b>	<b>Name of the activity</b>
3212	Manufacture of jewellery and related articles
5811	Book publishing
5814	Publishing of journals and periodicals
5819	Other publishing activities
5821	Publishing of computer games
5829	Other software publishing
5911	Motion picture, video and television program production activities
5912	Motion picture, video and television program post-production activities
5913	Motion picture, video and television program distribution activities
5914	Motion picture projection activities
5920	Sound recording and music publishing activities
6010	Radio broadcasting
6020	Television programming and broadcasting activities
6201	Computer programming activities
6202	Computer consultancy activities
7021	Public relations and communication activities
7111	Architectural activities
7311	Advertising agencies
7312	Media representation
7410	Specialized design activities
7420	Photographic activities

9001	Performing arts
9002	Support activities to performing arts
9003	Artistic creation
9004	Operation of arts facilities
9101	Library and archives activities
9102	Museum activities
<b>Priority area: Machines and production processes of the future</b>	
<b>Activity code</b>	<b>Name of the activity</b>
2530	Manufacture of steam generators, except central heating hot water boilers
2711	Manufacture of electric motors, generators and transformers
2712	Manufacture of electricity distribution and control apparatus
2720	Manufacture of batteries and accumulators
2731	Manufacture of fiber optic cables
2732	Manufacture of other electronic and electric wires and cables
2733	Manufacture of wiring devices
2740	Manufacture of electric lighting equipment
2751	Manufacture of electric domestic appliances
2752	Manufacture of non-electric domestic appliances
2790	Manufacture of other electrical equipment
2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
2812	Manufacture of fluid power equipment
2813	Manufacture of other pumps and compressors
2814	Manufacture of other taps and valves
2815	Manufacture of bearings, gears, gearing and driving elements
2821	Manufacture of ovens, furnaces and furnace burners
2822	Manufacture of lifting and handling equipment
2823	Manufacture of office machinery and equipment (except computers and peripheral equipment)
2824	Manufacture of power-driven hand tools

2825	Manufacture of non-domestic cooling and ventilation equipment
2829	Manufacture of other general-purpose machinery n.e.c.
2830	Manufacture of agricultural and forestry machinery
2841	Manufacture of metal forming machinery
2849	Manufacture of other machine tools
2891	Manufacture of machinery for metallurgy
2892	Manufacture of machinery for mining, quarrying and construction
2893	Manufacture of machinery for food, beverage and tobacco processing
2894	Manufacture of machinery for textile, apparel and leather production
2895	Manufacture of machinery for paper and paperboard production
2899	Manufacture of other special-purpose machinery n.e.c.
2910	Manufacture of motor vehicles
2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
2931	Manufacture of electrical and electronic equipment for motor vehicles
2932	Manufacture of other parts and accessories for motor vehicles
3250	Manufacture of medical and dental instruments and supplies