

# Implementation Report for IPA II Cross-Border

## PART A

### IDENTIFICATION OF THE ANNUAL IMPLEMENTATION REPORT

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## 2. OVERVIEW OF THE IMPLEMENTATION OF THE COOPERATION PROGRAMME (Article 50(2) of Regulation (EU) No 1303/2013 and Article 14(3)(a) of Regulation (EU) No 1299/2013)

### **Key information on the implementation of the cooperation programme for the year concerned, including on financial instruments, with relation to the financial and indicator data.**

In 2022, Managing Authority (MA) continued implementing the Programme in accordance with the principle of sound financial management, in line with Article 125(1) of CPR.

In 2022, according to Interim payments, the Programme was paid EUR 6.032.903,88 by the European Commission (EC). Programme contracting rate is 101,81%. In 2022, the Certifying Authority (CA) certified a total of EUR 8.301.137,57, while EUR 6.977.274,42 (EU share) was paid to LPs. Cumulatively, by 31 Dec 2022, CA certified a total of EUR 35.471.394,81.

Together with the Joint Secretariat (JS), and other Programme Bodies (CA, National Authorities), the MA coordinated the following Programme activities in 2022:

#### **Calls for Proposals**

##### **1st CfP**

By the end of 2020, all projects from the 1st CfP (except for FORRET, terminated in 2019), finished implementation. Until 31 Dec 2022, CA certified a total amount of EUR 15.394.207,23. In 2022, the Control Bodies, just as the MA/JS, did not perform any on-the-spot (OTS) checks.

##### **2nd CfP**

A total of 20 projects were contracted within the 2nd CfP. 19 projects started their implementation in 2019 and were finished by Jun 2022. Project MOS-Cross2 was additionally contracted in Mar 2021, and it is expected to finish in Aug 2023. Due to COVID-19, a total of 16 projects required an extension of implementation. Until 31 Dec 2022, the CA certified a total amount of EUR 16.753.179,25. In 2022, the JS performed 4 monitoring visits and the MA performed 7 OTS checks. The Croatian Control Body performed 25 (virtual) OTS checks, and the Serbian Control Body performed 10 OTS checks. No irregularities were detected during the visits.

##### **3rd (Restricted) CfP**

In Sep 2022, the 3rd (Restricted) Call for submission of project concept notes (3rd CfP) was launched, to maximise the absorption of funds left unspent on four thematic PAs (indicative EU share made available: EUR 970.000,00). This CfP was focused on the capitalization of existing outputs/results and restricted to those beneficiaries who successfully completed the projects of the 1st/2nd CfP. A total of 24 project concept notes were submitted. After the selection procedure performed by internal JS assessors, with the support of MA staff, on 14 Nov 2022 the Joint Monitoring Committee (JMC) approved 6 project concept notes for funding. A higher amount of funds (from 2nd CfP savings) became available by the time of contracting, than the initial CfP allocation. After the optimization of full applications in eMS, these projects were contracted with the total budget of EUR 1.327.308,61 (EU share: EUR 1.050.195,28). All 6 of them started their implementation on 1 Feb 2023 and are expected to finish by 31 Oct 2023.

## **Information and communication activities**

In 2022, the MA/JS organized 3 online Final Project Progress Report workshops for a total of 12 projects of the 2nd CfP. In Jan 2022, the MA/JS organized an online workshop for Serbian beneficiaries, focused on public procurement (more specifically, the requirements related to the single tender procedure). In Oct 2022, an online clarification session was held for the potential applicants of the 3rd CfP before the deadline for submission of project concept notes. The Programme celebrated the EC Day 2022 (<http://bitly.ws/DdL9>) by organizing activities for school pupils from both countries in Nature Park Papuk (HR). Two “Youth” project stories were nominated for the competition Interreg Project Slam 2022. On 13 Dec 2022, the Interreg IPA Launching Conference and IPA project fair were organized in Zagreb (HR), to celebrate the approval of the new 2021-2027 Programme (<http://bitly.ws/DdLr>). The main results of the 14-20 Programme were presented to the participants.

## **Regular revisions and update of the procedures/guidelines/manuals**

In Jan 2022, the MA and JS completed the update of their MoPs to version 4.0. The “Control Guidelines for Interreg IPA CBC Programmes” were updated to version 4.0 in Feb 2022. A new version of JMC Rules of Procedures (revised on the topic of major project modifications, in line with audit recommendations) was adopted on the virtual 9th JMC meeting on 5 Sep 2022. On this meeting, the 3rd CfP GfA (and relevant annexes) were also adopted by the JMC.

## **Programme bodies activities**

Due to COVID-19 restrictions, in 2022 the following Programme meetings were held online:

- Programme bodies meeting on 21 Jan 2022,
- 4th Networking meeting for Control Bodies on 24 Feb 2022,
- 5 Technical Meetings in the period from Mar – Oct 2022,
- 8th PTF Meeting on 9 Feb 2022,
- 9th PTF Meeting on 28 Feb 2022,
- 9th JMC Meeting on 5 Sep 2022,
- 10th JMC Meeting on 14 Nov 2022.

During 2022, MA launched two JMC written procedures for the:

- Approval of AIR and Citizen Summary for 2021,
- Approval of JS Annual Work Plan for 2023.

## **Programme evaluation**

Conclusions and recommendations stemming from the Impact evaluation were detailed in AIR2021. There were no additional activities carried out in 2022 in relation to Programme evaluations.

## **Programming 2021 – 2027**

In 2022, two PTF meetings were held to agree upon final steps to be carried out in the programming process. The procedure related to the Strategic Environmental Assessment (SEA) was continued with public consultations on the SEA study and draft Interreg IPA Programme (IP) during March 2022. An online public consultation session with stakeholders was held on 22 March 2022. The SEA Report was finalized in May 2022. The first draft of the new IP was sent to the EC in March 2022, and first EC comments were received in April 2022. After the implementation of the EC recommendations, on 18 May 2022 the PTF approved the new IP, by written procedure. After national confirmations from both Participating Countries, the new IP was officially sent through SFC2021 to the EC for approval on 13 July 2022. The final version of the new IP was approved by the EC on 3 Nov 2022.

## **Audits**

In 2022 the following audits were carried out:

- Audit of operations for the 8th accounting year (9 projects audited)
- Follow-up of system audit in Dec 2022, when all previous system audit findings were closed.

Overall conclusion of the system audit on the assessment of MCS is Category 1: System works well. No, or only minor improvement(s) needed.

## **Human Resources**

In 2022, the Programme financed 100% of salaries of JS staff (Head of JS, 2 Project Managers and 2 Finance Managers) while salaries of MA staff were co-financed as follows: Head of Sector (45%), Head of Service for implementation, monitoring and evaluation of Cooperation Programmes (50%), Head of Department for coordination of implementation of cooperation programmes (50%), Programme Manager (100%), TA Manager (50%), Head of Department for horizontal affairs (50%), Monitoring, evaluation and reporting Officer (50%), eMS Manager (50%). In 2022, the position of Communication Officer (50%) in the MA was also fulfilled, while the position of Legal Officer (50%) became vacant.

### 3. IMPLEMENTATION OF THE PRIORITY AXIS

#### 3.1 Overview of the implementation

ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
PA1	Improving the quality of public health and social services in the programme area	<p>Commitment rate for PA1 is 100,59%.</p> <p>Within PA1, four projects (Take care!, RealForAll, MOS-Cross and ReGerNet) were contracted within the 1st CfP in 2017, totalling EUR 3.054.458,53 (EU share: EUR 2.596.289,75). These projects finished implementation by the end of 2020.</p> <p>Three projects (Inclusive community, Heart Net, and Support life), totalling EUR 2.534.235,26 (EU share: EUR 2.154.099,95) were contracted within the 2nd CfP in 2019 and ended implementation in 2021.</p> <p>In Dec 2020, Programme amendment was carried out, in accordance with Article 3(2) of the CIR 2020/891, resulting in reallocation of the saved amounts from PA2 and PA4 to PA1 (approx. EUR 259.592,00). Reallocated amount, and remaining funds on PA1, were used to contract an additional project of the 2nd CfP reserve list (MOS-Cross2) in Mar 2021, totalling EUR 984.670,78 (EU share: 836.970,14) and expected to end in Aug 2023.</p> <p>In May 2021, the Joint Monitoring Committee (JMC) approved a redistribution of funds still available at the time on PA1 (EUR 90.325,69), to all four 2nd CfP projects (Inclusive community, Heart Net, Support life and MOS-Cross2) which were still in implementation, as a specific measure of the Programme in response to the COVID-19 pandemic. All four projects of PA1 were prolonged, due to issues in implementation, emerging from the COVID-19 pandemic.</p> <p>In Sep 2022, the 3rd (Restricted) CfP was launched, to capitalize on 1st/2nd CfP outputs and use unspent funds on PA1-PA4. On 14 Nov 2022, the JMC approved 1 project (MOS-Cross3) on PA1, expected to finish on 31 Oct 2023.</p> <p>On 31 Dec 2022, total eligible cost of projects selected for support within PA1 was EUR 6.638.689,75. No significant problems in implementation within PA1 were identified.</p>
PA2	Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency	<p>Commitment rate for PA2 is 101,43%.</p> <p>Within PA2, seven projects (R-SOL-E, IMPACT-ENVI, EcoWET, ES-GEES, SeNs Wetlands, X DEGREE, and FORRET) were contracted within the 1st CfP in 2017, totalling EUR 7.044.610,81 (EU share: EUR 5.987.919,08). Due to breaches of Subsidy Contract, project FORRET was terminated on 10 May 2019. All six remaining projects, contracted within the 1st CfP, totalling EUR 5.417.634,69 (EU share: EUR 4.604.989,49) finished their implementation by the end of 2020.</p> <p>Six projects, totalling EUR 8.477.760,45 (EU share: EUR 7.206.096,38) contracted within the 2nd CfP in 2019, were the following: RESCUE, GReENERGY, BIOSOL, WetlandRestore, E2P2, and Together We Stand.</p>

ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
		<p>In Dec 2020, the Programme amendment was carried out, in accordance with Article 3(2) of the Commission Implementing Regulation 2020/891, resulting in reallocation of the saved amounts from PA2 and PA4 to PA1.</p> <p>Due to the situation with the COVID-19 pandemic and its reflection on project implementation, four projects of the 2nd CfP within PA2 (RESCUE, BIOSOL, E2P2, Together We Stand) extended their implementation period. Projects RESCUE and BIOSOL finished their implementation in 2021, while projects E2P2 and Together we stand ended in 2022.</p> <p>In Sep 2022, the 3rd (Restricted) CfP was launched, to capitalize on 1st/2nd CfP outputs and use unspent funds on PA1-PA4. On 14 Nov 2022, the JMC approved 2 projects (GReENERGY 2.0 and BIOSOL+) on PA2 within this CfP, expected to finish their implementation on 31 Oct 2023.</p> <p>On 31 Dec 2022, total eligible cost of projects selected for support within PA2 was EUR 13.895.395,14.</p> <p>No significant problems in implementation within PA2 were identified in 2022.</p>
PA3	Contributing to the development of tourism and preserving cultural and natural heritage.	<p>Commitment rate for PA3 is 104,19%.</p> <p>Within PA3, six projects (VicTour, Central Danube Tour, EXPLORE CRO-SRB, VISITUS, S.O.S., and HORIS) were contracted within the 1st CfP in 2017, totalling EUR 4.704.982,08 (EU share: EUR 3.999.234,77). These projects finished their implementation in 2019.</p> <p>Four projects, totalling EUR 4.543.064,99 (EU share: EUR 3.579.437,64) contracted within 2nd CfP in 2019 were the following: Wild Danube Tour, FILMharmonia, Panona net, and Pannonia Gourmet.</p> <p>In Dec 2020, the Programme amendment was carried out, in accordance with Article 3(2) of the Commission Implementing Regulation 2020/891, resulting in reallocation of the saved amounts from PA2 and PA4 to PA1. Remaining savings from PA3 were used to increase the Programme co-financing of the 2nd CfP project Pannonia Gourmet (from 65% to 74%).</p> <p>Due to the situation with the COVID-19 pandemic and its reflection on implementation of projects, three projects within PA3 extended their implementation period (Wild Danube Tour, Panona Net and Pannonia Gourmet). Projects Wild Danube Tour and Panona Net finished their implementation in 2021, while project Pannonia Gourmet ended in 2022. Project FILMharmonia ended in 2020.</p> <p>In Sep 2022, the 3rd (Restricted) CfP was launched, to capitalize on 1st/2nd CfP outputs and use unspent funds on PA1-PA4. On 14 Nov 2022, the JMC approved 1 project (PannEx Reload) on PA3 within this CfP, expected to finish on 31 Oct 2023.</p> <p>On 31 Dec 2022, total eligible cost of projects selected for support within PA3 was EUR 9.248.047,07.</p> <p>No significant problems in implementation within PA3 were identified in 2022.</p>
PA4	Enhancing competitiveness and developing business environment in the programme area.	<p>Commitment rate for PA4 is 101,72%.</p> <p>Within PA4, six projects (ORGANIC BRIDGE, Eco build, CROSS TREE, DRIVE, ROSIS4H, and XBIT) were contracted within the 1st CfP in 2017, totalling EUR 3.573.309,07 (EU share: EUR 3.037.312,70). These projects finished their implementation by the end of 2020.</p>



ID	Priority axis	Key information on the implementation of the priority axis with reference to key developments, significant problems and steps taken to address these problems
		<p>Six projects totalling EUR 3.685.010,25 (EU share: EUR 3.132.258,64), contracted within the 2nd CfP in 2019, were the following: COMMON, FED CCNET, IT community region, CBC Clusters, WBH, and CB NET.</p> <p>In December 2020, the Programme amendment was carried out, in accordance with Article 3(2) of the Commission Implementing Regulation 2020/891, resulting in reallocation of the saved amounts from PA2 and PA4 to PA1.</p> <p>Due to the situation with the COVID-19 pandemic and its reflection on project implementation, five projects (COMMON, IT community region, CBC Clusters, WBH, and CB NET) extended their implementation period.</p> <p>Projects contracted within the 2nd CfP finished their implementation in 2021, except for project CB NET, which ended in 2022.</p> <p>In Sep 2022, the 3rd (Restricted) CfP was launched, to capitalize on 1st/2nd CfP outputs and use unspent funds on PA1-PA4. On 14 Nov 2022, the JMC approved 2 projects (UPDATE and SASFRU) within PA4 within this CfP, expected to finish on 31 Oct 2023.</p> <p>On 31 Dec 2022, total eligible cost of projects selected for support within PA4 was EUR 7.258.319,32. No significant problems in implementation within PA4 were identified in 2022.</p>
PA5	Technical Assistance	<p>Commitment rate for PA5 is 100%.</p> <p>The total value of the Technical Assistance is EUR 4.034.492,00, out of which EUR 3.429.318,20 is EU funding. Six projects were contracted within the Call for Proposals for Technical Assistance (TA) in 2017. In 2018, TA projects of MA and JS merged into a single TA project, therefore there are now five TA projects contracted. The current TA beneficiaries are: Managing Authority and Joint Secretariat, National Authority in Croatia, National Authority in Serbia (including Control body in Serbia), Control body in Croatia, and Audit Authority.</p>

## 3.2 Common and programme specific indicators (Article 50(2) of Regulation (EU) No 1303/2013)

### Priority axes other than technical assistance

<b>Priority axis</b>	<b>PA1 - Improving the quality of public health and social services in the programme area</b>
<b>Thematic Priority</b>	a - Promoting employment, labour mobility and social and cultural inclusion across borders through, inter alia: integrating cross-border labour markets, including cross-border mobility; joint local employment initiatives; information and advisory services and joint training; gender equality; equal opportunities; integration of immigrants' communities and vulnerable groups; investment in public employment services; and supporting investment in public health and social services.

**Table 2: Common and programme specific output indicators - PA1.a**

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO36	Health: Population covered by improved health services	Persons	100,000.00	90,179.00	By the end of 2022, as a result of implemented projects: - 2.652 elderly, infirm and palliative persons received health and social services, - 10.878 persons were covered by the platform for real-time measurement and forecast for common allergens, - 64.614 persons were covered with mosquito abatement services, - 3.971 persons received improved social services (humanitarian aid, social inclusion, in-house care, senior volunteering), - 8.064 persons received improved health services (using telemedicine).
S	CO36	Health: Population covered by improved health services	Persons	100,000.00	126,975.00	Four projects contracted within the 1st CIP foresee to cover 45.600 persons with improved health/social services. All four projects managed to provide these services to more persons than they have initially envisaged. Additional four projects contracted within the 2nd CIP forecast to cover 80.175 persons with newly developed and/or improved health/social care services. One project contracted within the 3rd CIP foresees to cover additional 1.200 persons with improved health/social care services. Programme estimation of funds needed for achieving this indicator during the programming period was slightly stricter, whereas contracted projects foresee that a higher value can be achieved for the planned amount of funds. Furthermore, additional funds (i.e. savings from other PAs) have been reallocated to PA1 as a response to the COVID-19 pandemic.
F	PA1	Number of persons related to improving health care services and/or social care services trained	Number	437.00	676.00	By the end of 2022, implementation of projects resulted in: - 40 health/social workers certified in palliative care, - 234 persons trained in caregiving/palliative/social care, - 116 public health and medical professionals trained on mosquito-borne diseases, - 116 persons educated on allergens, - 113 persons trained on volunteering and other social services, - 57 health workers trained in telemedicine techniques. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds. The majority of implemented projects (so far) managed to provide training and education to more persons than they have initially envisaged.
S	PA1	Number of persons related to improving health care services and/or social care services trained	Number	437.00	630.00	Four projects contracted within the 1st CIP foresee to train 280 persons in the area related to improving health care/social care services, while four projects contracted within the 2nd CIP forecast to contribute with trainings for 310 persons. One project contracted within the 3rd CIP foresees to train additional 40 persons on mosquito surveillance methods. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA1b	Number of jointly developed tools and services that enable better quality of social and health care	Number	9.00	14.00	By the end of 2022, implementation of projects resulted in: - cross-border network for recording and monitoring palliative patients, - 3 gerontology clubs for vulnerable groups, - accredited training for caregivers, - 6 tools and services related to mosquito surveillance, abatement treatments, and mosquito-borne diseases, - joint eHealth platform delivering real-time measurement and forecast for birch, grass and ragweed pollen, - telemedicine network/service for cardiovascular diseases, - programme for social integration of different marginalized and vulnerable groups. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.
S	PA1b	Number of jointly developed tools and services that enable better quality of social and health care	Number	9.00	14.00	Four projects contracted within the 1st CIP foreseen to develop 12 tools and services that enable better quality of social and health care, while two projects contracted within the 2nd CIP forecasted to develop two additional tools and/or services. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.

(I)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO36	Health: Population covered by improved health services	56,962.00	54,314.00	12,392.00	1,668.00	0.00	0.00	0.00	0.00
S	CO36	Health: Population covered by improved health services	125,775.00	123,782.00	57,819.00	45,600.00	0.00	0.00	0.00	0.00
F	PA1	Number of persons related to improving health care services and/or social care services trained	619.00	524.00	176.00	97.00	40.00	0.00	0.00	0.00
S	PA1	Number of persons related to improving health care services and/or social care services trained	590.00	565.00	485.00	280.00	40.00	0.00	0.00	0.00
F	PA1b	Number of jointly developed tools and services that enable better quality of social and health care	14.00	12.00	7.00	7.00	1.00	0.00	0.00	0.00
S	PA1b	Number of jointly developed tools and services that enable better quality of social and health care	14.00	14.00	14.00	12.00	1.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

<b>Priority axis</b>	<b>PA1 - Improving the quality of public health and social services in the programme area</b>
<b>Thematic Priority</b>	a - Promoting employment, labour mobility and social and cultural inclusion across borders through, inter alia: integrating cross-border labour markets, including cross-border mobility; joint local employment initiatives; information and advisory services and joint training; gender equality; equal opportunities; integration of immigrants' communities and vulnerable groups; investment in public employment services; and supporting investment in public health and social services.
<b>Specific objective</b>	1.1 - To improve the quality of facilities, services and skills in the area of public health and social care

**Table 1: Result indicators - PA1.a.1.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
PA1	Number of elderly people and children assisted by social services provided through government bodies	Number	82,672.00	2014	76,885.00	98,298.00		Data on result indicator is not envisaged to be reported for 2022, therefore, the value reported for 2020 is repeated. Expl of SFC warning 2.50.1: The emigration of youth and qualified labour force to other EU countries continued and resulted in an increase of elderly people and children assisted by social services provided through government bodies in 2018 and 2019, in comparison with the baseline value in 2014. In 2020, a decrease of this value was recorded, in comparison with 2018, but it is still higher than the 2014 baseline value. The economic consequences of COVID-19 are evident, but it is expected that with the recovery of the economy in the Programme area, this trend of decrease might continue in later years. Expl of SFC warning 2.51.1: Value for 2014 is 0 because the Programme was approved in 2015 and did not have baseline values for 2014.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
PA1	Number of elderly people and children assisted by social services provided through government bodies	98,298.00		98,298.00		111,069.00		111,069.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
PA1	Number of elderly people and children assisted by social services provided through government bodies							0.00	

<b>Priority axis</b>	<b>PA2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency</b>
<b>Thematic Priority</b>	b - Protecting the environment and promoting climate change adaptation and mitigation, risk prevention and management through, inter alia: joint actions for environmental protection; promoting sustainable use of natural resources, resource efficiency, renewable energy sources and the shift towards a safe and sustainable low-carbon economy; promoting investment to address specific risks, ensuring disaster resilience and developing disaster management systems and emergency preparedness.

**Table 2: Common and programme specific output indicators - PA2.b**

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	PA2a	Number of jointly developed and/or operated monitoring systems	Number	5.00	5.00	By the end of 2022, implementation of projects resulted in developing: <ul style="list-style-type: none"> <li>- monitoring network system for data acquisition, processing and presentation (DAPP) of surface water, groundwater and wastewater in cross-border area,</li> <li>- pilot project of mapping and assessing ecosystem services (available as a GIS database) in cross-border pilot areas,</li> <li>- sustainable agricultural production management framework plan in cross-border area,</li> <li>- indicator system enabling efficient monitoring of conservation status of wetland habitats and changes in their ecological character,</li> <li>- system consisting of standard operating procedures for joint action in case of floods and disasters involving dangerous chemicals and gasses.</li> </ul>
S	PA2a	Number of jointly developed and/or operated monitoring systems	Number	5.00	5.00	Three projects contracted within the 1st CIP foreseen to develop 3 monitoring systems to improve environment protection in the cross-border area, while two projects contracted within the 2nd CIP forecasted to develop additional 2 monitoring systems.
F	PA2b	Surface area of habitats supported in order to attain a better conservation status	ha	69,792.00	88,511.99	By the end of 2022, implementation of projects resulted in: <ul style="list-style-type: none"> <li>- 5.000 ha covered by ecosystem processor for purification of waste/river water</li> <li>- 69.343,89 ha covered by assessing ecosystem, collecting data and producing maps of 3 pilot areas,</li> <li>- 540 ha covered by a multifunctional vegetation strip at Zobatnica lake (RS),</li> <li>- 13.626 ha of habitats covered by restoration plans in CB wetland area,</li> <li>- 2,10 ha of habitats revitalized by small-scale restoration works in 2 pilot wetland areas - in Zasavica (RS) and Čarna (HR).</li> </ul> Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, but contracted projects foreseen that a higher value can be achieved for the same amount of funds. Furthermore, one project contracted within the 1st CIP managed to cover more than double the area that it had initially envisaged.
S	PA2b	Surface area of habitats supported in order to attain a better conservation status	ha	69,792.00	82,280.10	Three projects contracted within the 1st CIP foreseen to support 68.652 ha of habitats. Out of that, 38.000 ha was planned to be supported within project FORRET which was terminated in March 2019. One project contracted within the 2nd CIP selected this indicator and forecasted to support 13.628,10 ha of habitats in order to improve their conservation status (13.627,5 ha planned in the initial Application and additional 0,60 ha introduced through project modification). Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.
F	PA2c	Additional capacity of renewable energy production	MW	3.60	3.89	By the end of 2022, implementation of projects resulted in producing: <ul style="list-style-type: none"> <li>-1,95 MW of additional capacity of energy production by installing solar power plants,</li> <li>- 0,86 MW of additional capacity by reconstructing biogas production plant and installing biogas cogeneration plant producing electrical and heat power,</li> <li>- 1,04 MW of additional capacity by installing photovoltaic system,</li> <li>- 0,04 MW of additional capacity by installing circular economy pilot process based on wooden pellet production and photovoltaic hybrid power plant pilot.</li> </ul> Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, but contracted projects foreseen that a higher value can be achieved for the same amount of funds.
S	PA2c	Additional capacity of renewable energy production	MW	3.60	6.21	Three projects contracted within the 1st CIP foreseen to produce 2,43 MW of additional capacity of renewable energy in the cross-border area. However, one project failed to achieve a part of forecasted value (0,99 MW), i.e. delivered outputs were not in line with the definition of programme output indicator and therefore could not be taken into account as its contribution. Four projects contracted within the 2nd CIP forecast the production of additional 3,43 MW. Moreover, two projects contracted within the 3rd CIP foreseen to produce 0,35 MW of additional capacity of renewable energy in the cross-border area. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.

(I)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	PA2a	Number of jointly developed and/or operated monitoring systems	4.00	4.00	3.00	1.00	0.00	0.00	0.00	0.00
S	PA2a	Number of jointly developed and/or operated monitoring systems	5.00	5.00	5.00	3.00	0.00	0.00	0.00	0.00
F	PA2b	Surface area of habitats supported in order to attain a better conservation status	88,511.39	74,883.89	74,343.89	60,380.00	0.00	0.00	0.00	0.00
S	PA2b	Surface area of habitats supported in order to attain a better conservation status	82,280.10	82,279.50	82,279.50	68,652.00	0.00	0.00	0.00	0.00
F	PA2c	Additional capacity of renewable energy production	1.71	1.44	1.02	0.57	0.00	0.00	0.00	0.00
S	PA2c	Additional capacity of renewable energy production	5.86	5.81	5.81	2.43	0.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

<b>Priority axis</b>	<b>PA2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency</b>
<b>Thematic Priority</b>	b - Protecting the environment and promoting climate change adaptation and mitigation, risk prevention and management through, inter alia: joint actions for environmental protection; promoting sustainable use of natural resources, resource efficiency, renewable energy sources and the shift towards a safe and sustainable low-carbon economy; promoting investment to address specific risks, ensuring disaster resilience and developing disaster management systems and emergency preparedness.
<b>Specific objective</b>	2.1 - To enforce integrated cross-border monitoring/ management systems for key existing risks and environmental and biodiversity protection

**Table 1: Result indicators - PA2.b.2.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
PA2.1	Disaster response capability in the programme area	Percentage	42.00	2015	89.00	71.04		Data on result indicator is not envisaged to be reported for 2022, therefore, the value reported for 2020 is repeated. The percentage describing the level of disaster response capability in the Programme area has continuously increased since 2015, reflecting the improvements made in this sector. It is expected that this result indicator value will continue to increase in the following years, aiming towards reaching the target value in 2023. Explanation of SFC warning 2.48.1: Value for 2014 is 0 because the Programme was approved in 2015 and did not have baseline values for 2014.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
PA2.1	Disaster response capability in the programme area	71.04		71.04		69.00		69.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
PA2.1	Disaster response capability in the programme area					42.00		0.00	

<b>Priority axis</b>	<b>PA2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency</b>
<b>Thematic Priority</b>	b - Protecting the environment and promoting climate change adaptation and mitigation, risk prevention and management through, inter alia: joint actions for environmental protection; promoting sustainable use of natural resources, resource efficiency, renewable energy sources and the shift towards a safe and sustainable low-carbon economy; promoting investment to address specific risks, ensuring disaster resilience and developing disaster management systems and emergency preparedness.
<b>Specific objective</b>	2.2 - To promote the use of sustainable energy and energy efficiency

**Table 1: Result indicators - PA2.b.2.2**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
PA2.2	Energy consumption by public buildings in the programme area	kWh	119,982,318.29	2014	111,583,556.01	254,129,088.68		Data on result indicator is not envisaged to be reported for 2022, therefore, the value reported for 2020 is repeated. Explanation of SFC warning 2.50.1: When determining the baseline value in 2014, the data was obtained from available sources in Croatia and Serbia, however, the available sources of information did not have the complete data, that is, not all public buildings were registered in related databases. In 2020, the data were gathered for the entire Programme area, however, taking into account that the relevant databases in Croatia and Serbia include a significantly higher number of public buildings than in 2014, the reported value is higher than the baseline value.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
PA2.2	Energy consumption by public buildings in the programme area	254,129,088.68		254,129,088.68					

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
PA2.2	Energy consumption by public buildings in the programme area							119,982,318.29	

Priority axis	<b>PA3 - Contributing to the development of tourism and preserving cultural and natural heritage.</b>
Thematic Priority	d - Encouraging tourism and cultural and natural heritage.

**Table 2: Common and programme specific output indicators - PA3.d**

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO09	Sustainable Tourism: Increase in expected number of visits to supported sites of cultural and natural heritage and attractions	Visits/year	1,000.00	6,256.00	By the end of 2022, implementation of projects resulted in: - 2.222 new visitors to Srijem/Srem region through new innovative touristic offer, - 1.554 new visitors to new secession route, - 1.426 new visitors to cultural/natural heritage of Central Danube Tourism Destination, - 116 new visitors to CB region through new tourism offer for the blind/visually impaired - 438 new visitors to new thematic paths established in CB area, - 500 new visitors to events held at Gourmet centers in Vrdnik (RS) and Vinkovci (HR). Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds. So far, most projects managed to increase the number of visitors to supported sites more than they have initially foreseen.
S	CO09	Sustainable Tourism: Increase in expected number of visits to supported sites of cultural and natural heritage and attractions	Visits/year	1,000.00	8,151.00	Four projects contracted within the 1st CIP foresee to increase the number of visitors to supported sites of cultural and natural heritage in the programme area by 4.551. Three projects contracted within the 2nd CIP forecast to increase the number of visitors to supported sites of cultural and natural heritage by 3.500. One project contracted within the 3rd CIP forecasts to increase the number of visitors by additional 100 persons. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA3a	Number of joint tourism products developed and promoted	Number	13.00	15.00	By the end of 2022, projects developed: - CB ecotourism/gastro route in Central Danube, - specialised gastro/cultural route/tools to used the CB touristic offer for blind/visually impaired, - new visual identity of touristic offer in Srijem, - 3 CB routes (gastro, recreation and ecotourism), - secession route starting in Subotica (RS) and Osijek (HR), - «Philharmonic in the movie» - repertoire of silent films with live music, - two new tourism events (Panona Land Art Fest/Land Art Fest-Tavankut), - CB map of tourist products/providers in active/cultural tourism, - new tourism service (9 itineraries) for CB tours, - «Eat Pannonia» brand and Gourmet Fair for promotion of local products Programme estimation of target value for this indicator was stricter, but projects foresee that a higher value can be achieved for the same amount of funds.
S	PA3a	Number of joint tourism products developed and promoted	Number	13.00	20.00	Five projects contracted within the 1st CIP foresee to develop and promote 8 different tourism products for the cross-border area, while four projects contracted within the 2nd CIP plan to develop and promote 8 joint tourism products. One project contracted within the 3rd CIP foresees to jointly develop and promote additional 4 tourism products. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA3b	Number of persons educated in quality assurance, standardisation on cultural and natural heritage and destination management.	Number	370.00	985.00	By the end of 2022, implementation of projects resulted in: - 16 tourist guides trained, - 670 persons trained in destination management, eno-gastro tourism, cultural/recreational/equestrian tourism and improving the quality of tourism services, - 233 persons trained on digital technology in tourism, - 64 persons trained on tourism services to disabled/blind/visually impaired people, - 2 persons trained in quality management (ISO 9001:2015). Programme estimation of funds for achieving the indicator while setting target value was stricter, but contracted projects foresee that a higher value can be achieved for the same funds. Due to high interest, projects educated more persons than planned.
S	PA3b	Number of persons educated in quality assurance, standardisation on cultural and natural heritage and destination management.	Number	370.00	490.00	Six projects contracted within the 1st CIP foresee to educate 276 persons in quality assurance, standardisation on cultural and natural heritage and destination management. All projects managed to provide education and training in these fields to more persons than they have initially planned. Four projects contracted within the 2nd CIP plan to provide education for additional 214 persons. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA3d	Number of tourism supporting facilities and/or tourism infrastructure developed or improved	Number	11.00	23.00	By the end of 2022, implementation of projects resulted in: - 5 equestrian tourism supporting facilities/infrastructure developed, - secession Sakuntala park in Osijek (HR) revitalised, - tourism valorisation plan of Subotica's City Hall (RS) developed, - tourism/cultural supporting facility in Novi Sad (RS) improved, - 5 photo hides and 1 bird feeding station in Zasavica (RS) constructed, - renovation/equipping of a traditional space in Vinkovci (HR) as new Gourmet centre, - infrastructure for cultural events in Erdut and Papuk etno-village (HR) created, - 6 new thematic paths in CB area developed and equipped. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
S	PA3d	Number of tourism supporting facilities and/or tourism infrastructure developed or improved	Number	11.00	24.00	Two projects contracted within the 1st CIP foresee to develop and/or improve 7 tourism supporting facilities and/or tourism infrastructure by the end of their implementation, while four projects contracted within the 2nd CIP plan to contribute with 17 additional tourism supporting facilities and/or tourism infrastructure. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO09	Sustainable Tourism: Increase in expected number of visits to supported sites of cultural and natural heritage and attractions	5,318.00	5,318.00	2,342.00	750.00	0.00	0.00	0.00	0.00
S	CO09	Sustainable Tourism: Increase in expected number of visits to supported sites of cultural and natural heritage and attractions	8,051.00	8,051.00	7,551.00	4,551.00	0.00	0.00	0.00	0.00
F	PA3a	Number of joint tourism products developed and promoted	12.00	8.00	8.00	3.00	0.00	0.00	0.00	0.00
S	PA3a	Number of joint tourism products developed and promoted	16.00	16.00	16.00	8.00	0.00	0.00	0.00	0.00
F	PA3b	Number of persons educated in quality assurance, standardisation on cultural and natural heritage and destination management.	905.00	818.00	756.00	329.00	0.00	0.00	0.00	0.00
S	PA3b	Number of persons educated in quality assurance, standardisation on cultural and natural heritage and destination management.	490.00	490.00	490.00	276.00	56.00	0.00	0.00	0.00

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	PA3d	Number of tourism supporting facilities and/or tourism infrastructure developed or improved	22.00	9.00	2.00	0.00	0.00	0.00	0.00	0.00
S	PA3d	Number of tourism supporting facilities and/or tourism infrastructure developed or improved	24.00	25.00	28.00	7.00	0.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]



<b>Priority axis</b>	<b>PA3 - Contributing to the development of tourism and preserving cultural and natural heritage.</b>
Thematic Priority	d - Encouraging tourism and cultural and natural heritage.
Specific objective	3.1 - To strengthen, diversify and integrate the cross-border tourism offer and better manage cultural and natural heritage assets

**Table 1: Result indicators - PA3.d.3.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
PA3	Number of overnights in the programme area	Number	1,037,837.00	2014	1,041,358.00	908,051.00		Data on result indicator is not envisaged to be reported for 2022, therefore, the value reported for 2020 is repeated. The negative impact of the COVID-19 on travel has significantly reduced the number of overnights in the Programme area, both in comparison with the reported value of 2018, but also in comparison with the baseline value of 2014. However, as the COVID-19 crisis is diminished, it can be expected that the travel market will recover and the number of overnights in the Programme area should increase in the following years, even surpassing the targeted value for 2023 (based on the number of overnights in 2018). Explanation of SFC warning 2.49.1: In 2018 and 2019 (prior to COVID-19), the tourism related to natural/cultural heritage was in rise in the Programming area that led to overachievement of previously set target values.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
PA3	Number of overnights in the programme area	908,051.00		908,051.00		1,487,792.00		1,487,792.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
PA3	Number of overnights in the programme area							1,037,837.00	

<b>Priority axis</b>	<b>PA4 - Enhancing competitiveness and developing business environment in the programme area.</b>
<b>Thematic Priority</b>	g - Enhancing competitiveness, the business environment and the development of small and medium-sized enterprises, trade and investment through, inter alia, promotion and support to entrepreneurship, in particular small and medium-sized enterprises, and development of local cross-border markets and internationalisation.

**Table 2: Common and programme specific output indicators - PA4.g**

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	9.00	26.00	By the end of 2022, implementation of projects resulted in cooperation of: - 5 enterprises and RI on the possibilities of biomass ash usage in civil engineering products, - 6 enterprises and RI on soil analysis, fruit and herb production, - 3 enterprises and RI on computer systems and IT in domain of automotive industry, - 2 enterprises and RI on joint research for innovation in corporate and traditional business, - 10 enterprises and RI on joint laboratory analyses and biotechnological research. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds. Furthermore, two projects managed to establish cooperation between more enterprises and research institutions than they had initially foreseen.
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	9.00	23.00	Four projects contracted within the 1st CIP foreseen to establish cooperation between 13 enterprises and research institutions by the end of their implementation. One additional project contracted within the 2nd CIP selected this indicator and forecasted to establish cooperation between 10 enterprises and research institutions. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.
F	PA4a	Number of innovative technologies, processes, products and services introduced by the enterprises in the programme area	Number	7.00	16.00	By the end of 2022, implementation of projects resulted in introduction of: - 4 innovative products made with biomass ashes, which can be used as building material, - graduate school curriculum for automotive software engineering, - entrepreneurial education curriculum for entrepreneurship and IT, - Open Innovation Lab for cooperation in business innovation, - 5 new different types of nursery trees, - Blue economy programme for cultivation of cellulose mushrooms, - 2 IT solutions for B2B and facilitation of renewable resources usage, - educational programme for SMEs in the creative/gaming industry of the cross-border area. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
S	PA4a	Number of innovative technologies, processes, products and services introduced by the enterprises in the programme area	Number	7.00	23.00	Five projects contracted within the 1st CIP foresee to introduce 15 innovative technologies, processes, products and/or services in the programme area. However, project XBIT failed to achieve a part of foreseen value (2), i.e. delivered outputs were not in line with the definition of programme output indicator and therefore could not be taken into account. Two projects contracted within the 2nd CIP plan to introduce additional 3 innovative processes/services. Two projects contracted within the 3rd CIP plan to introduce additional 5 innovative processes/services by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA4c	Number of cross-border clusters or networks or other collaborative schemes including entrepreneurs established or improved	Number	7.00	10.00	By the end of 2022, implementation of projects resulted in: - e-platform for horticultural sector, - network of organic producers in CB area, - IT network for competitiveness, innovation and entrepreneurship, - network for women entrepreneurs, - network on enhancing business environment, - cluster in the field of agriculture, focusing on renewable energy from harvest residues, - cluster in the field of paper industry, mechanical engineering and energetics, - web-platform for cooperation/knowledge exchange in ICT, - online platform for increasing employment opportunities, - CB network for increasing competitiveness in ICT. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
S	PA4c	Number of cross-border clusters or networks or other collaborative schemes including entrepreneurs established or improved	Number	7.00	11.00	Four projects contracted within the 1st CIP had foreseen to establish 4 cross-border clusters, networks or other collaborative schemes in the programme area. However, project Eco build failed to achieve planned output (1), i.e. delivered output was not in line with the definition of programme output indicator and therefore could not be taken into account as its contribution. Six projects contracted within the 2nd CIP forecasted to establish additional 7 cross-border collaborative schemes. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.
F	PA4d	Number of laboratories and/or competence centres jointly used by entrepreneurs developed or improved	Number	12.00	21.00	By the end of 2022, implementation of projects resulted in: - establishing Centre for coordination/transfer of applied research in eco-farming, - establishing Centre for organic production, - equipping 4 laboratories for IT/automotive industry, 3 innovation/fabrication laboratories, and 1 mobile laboratory for digital fabrication, - developing 5 in-field horticultural laboratories, - establishing 2 agro-business competence offices, - developing laboratory for ICT in horticulture, - improving 2 competence centres for horticulture production, - establishing business competence center. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
S	PA4d	Number of laboratories and/or competence centres jointly used by entrepreneurs developed or improved	Number	12.00	22.00	Five projects contracted within the 1st CIP foresee to develop or improve 20 laboratories and/or competence centres in the programme area, while only one project contracted within the 2nd CIP selected this indicator and forecasts to develop one business competence centre. One project contracted within the 3rd CIP foresees to improve one existing laboratory. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	26.00	16.00	12.00	4.00	0.00	0.00	0.00	0.00
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	23.00	23.00	23.00	13.00	0.00	0.00	0.00	0.00
F	PA4a	Number of innovative technologies, processes, products and services introduced by the enterprises in the programme area	15.00	13.00	8.00	1.00	0.00	0.00	0.00	0.00

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
S	PA4a	Number of innovative technologies, processes, products and services introduced by the enterprises in the programme area	18.00	18.00	18.00	15.00	0.00	0.00	0.00	0.00
F	PA4c	Number of cross-border clusters or networks or other collaborative schemes including entrepreneurs established or improved	8.00	4.00	4.00	1.00	0.00	0.00	0.00	0.00
S	PA4c	Number of cross-border clusters or networks or other collaborative schemes including entrepreneurs established or improved	11.00	11.00	11.00	4.00	0.00	0.00	0.00	0.00
F	PA4d	Number of laboratories and/or competence centres jointly used by entrepreneurs developed or improved	21.00	20.00	15.00	8.00	0.00	0.00	0.00	0.00
S	PA4d	Number of laboratories and/or competence centres jointly used by entrepreneurs developed or improved	21.00	21.00	21.00	20.00	0.00	0.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

<b>Priority axis</b>	<b>PA4 - Enhancing competitiveness and developing business environment in the programme area.</b>
Thematic Priority	g - Enhancing competitiveness, the business environment and the development of small and medium-sized enterprises, trade and investment through, inter alia, promotion and support to entrepreneurship, in particular small and medium-sized enterprises, and development of local cross-border markets and internationalisation.
Specific objective	4.1 - To improve competitiveness of the programme area through strengthening cooperation between business support institutions, clusters, education and research organisations and entrepreneurs with aim to develop new products/services/patents/trademarks in the programme area

**Table 1: Result indicators - PA4.g.4.1**

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
PA4	Range of cluster activities enhancing innovation, new technologies and ICT solutions	Number	13.00	2015	18.00	3.00		Data on result indicator is not envisaged to be reported for 2022, therefore, the value reported for 2020 is repeated. The reported value for 2022 is lower than the baseline value of 2015, since several clusters ceased to exist and perform activities, due to low interest of the members and decreased funding possibilities. Considering the lack of support to clusters in Croatia and Serbia, the regional/local authorities have to rely on their resources and coordinate efforts with the local community and cluster stakeholders. Based on the info acquired from the relevant authorities, it is expected the ICT cluster activities will increase in the following years, considering recent developments in the industry in the area. Explanation of SFC warning 2.48.1: Value for 2014 is 0 because the CP was approved in 2015 and did not have values for 2014.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
PA4	Range of cluster activities enhancing innovation, new technologies and ICT solutions	3.00		3.00					

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
PA4	Range of cluster activities enhancing innovation, new technologies and ICT solutions					13.00		0.00	

## Priority axes for technical assistance

Priority axis	PA5 - Technical Assistance
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**Table 2: Common and programme specific output indicators - PA5.Technical Assistance**

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	5.1	Joint secretariat established	Number	1.00	1.00	Joint Secretariat was established in 2015.
S	5.1	Joint secretariat established	Number	1.00	1.00	Joint Secretariat was established in 2015.
F	5.10	Network of controllers established	Number	1.00	1.00	Network of controllers was established in 2016.
S	5.10	Network of controllers established	Number	1.00	1.00	Network of controllers was established in 2016.
F	5.16	Number of employees (Full Time Equivalents) whose salaries are co-financed by technical assistance	Number	18.00	17.56	In 2022, a total of 17.56 full-time equivalent staff's salaries were co-financed by the Technical Assistance (in different percentages of working time). Per Programme bodies, during 2022, full-time equivalents were as follows: MA/JS – 8.95, Croatian FLC: 2.81 (on average during the year), AA: 0.5, Croatian NA: 1.3, Serbian NA (including Control Body in Serbia): 4.
S	5.16	Number of employees (Full Time Equivalents) whose salaries are co-financed by technical assistance	Number	18.00	18.00	In June 2020, the target value of this indicator has been increased to 18 in CP modification (CP ver. 3.0).
F	5.5	Joint Monitoring Committee meetings held	Number	9.00	10.00	In accordance with Article 38 (8) of Commission Implementing Regulation (EU) No 447/2014 and JMC Rules of Procedures, JMC shall meet at least once a year. In 2022, due to COVID-19 pandemic, two meetings (ten in total), were held virtually on 5 September 2022 and 14 November 2022, respectively. Two JMC meetings were held a few months apart due to the selection procedure of projects within the 3rd CFP. Therefore, due to higher needs of Programme's implementation, more JMC meetings were held than planned.
S	5.5	Joint Monitoring Committee meetings held	Number	9.00	9.00	In accordance with Article 38 (8) of Commission Implementing Regulation (EU) No 447/2014 and JMC Rules of Procedures, JMC shall meet at least once a year. Therefore, total planned target value is 9 meetings.
F	5.7	Programme communication strategy developed and implemented	Number	1.00	1.00	Programme communication strategy was developed in 2015 and implemented ever since.
S	5.7	Programme communication strategy developed and implemented	Number	1.00	1.00	Programme communication strategy was developed in 2015 and implemented ever since.
F	5.8	Independent programme evaluations implemented (ex-ante and during programme implementation)	Number	2.00	2.00	One evaluation during Programme implementation (operational evaluation) was finalised in October 2019 whereas Programme impact evaluation was finalized in October 2021.
S	5.8	Independent programme evaluations implemented (ex-ante and during programme implementation)	Number	2.00	2.00	Two programme evaluations are planned to be implemented: operational evaluation and impact evaluation. Operational evaluation was finalised in October 2019, while impact evaluation is finalized in October 2021.
F	5.9	Programme e-Monitoring System developed, implemented and used	Number	1.00	1.00	e-Monitoring System (eMS) for the Programme was developed, implemented, set-up and ready for use in 2016.
S	5.9	Programme e-Monitoring System developed, implemented and used	Number	1.00	1.00	e-Monitoring System (eMS) for the Programme was developed, implemented, set-up and ready for use in 2016.

(1)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	5.1	Joint secretariat established	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
S	5.1	Joint secretariat established	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
F	5.10	Network of controllers established	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
S	5.10	Network of controllers established	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
F	5.16	Number of employees (Full Time Equivalents) whose salaries are co-financed by technical assistance	17.30	15.10	14.80	17.05	13.83	6.33	5.33	5.33
S	5.16	Number of employees (Full Time Equivalents) whose salaries are co-financed by technical assistance	18.00	18.00	18.00	12.00	13.83	6.33	5.33	5.33
F	5.5	Joint Monitoring Committee meetings held	8.00	7.00	6.00	4.00	1.00	1.00	1.00	0.00
S	5.5	Joint Monitoring Committee meetings held	9.00	9.00	9.00	9.00	1.00	1.00	1.00	1.00
F	5.7	Programme communication strategy developed and implemented	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
S	5.7	Programme communication strategy developed and implemented	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.00
F	5.8	Independent programme evaluations implemented (ex-ante and during programme implementation)	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00
S	5.8	Independent programme evaluations implemented (ex-ante and during programme implementation)	2.00	2.00	2.00	2.00	0.00	0.00	0.00	0.00
F	5.9	Programme e-Monitoring System developed, implemented and used	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
S	5.9	Programme e-Monitoring System developed, implemented and used	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00

(1) S=Cumulative value - outputs to be delivered by selected operations [forecast provided by beneficiaries], F=Cumulative value - outputs delivered by operations [actual achievement]

### 3.3 Table 3: Information on the milestones and targets defined in the performance framework

Priority axis	Ind type	ID	Indicator	Measurement unit	Milestone for 2018 total	Final target (2023) total	2022	Observations
PA1	F	PA1	Improving the quality of public health and social services in the programme area	EUR	700,000.00	5,609,512.00	5,080,922.79	By the end of 2022, CA certified the amount of EUR 5.080.922,79 (EU share) for projects contracted under PA1. Details of PA1 project outputs are present in Section 3.2. Common and programme specific indicators, Table 2, Cell Observations.
PA1	O	PA1	Number of persons related to improving health care services and/or social care services trained	Number	75	437.00	676.00	By the end of 2022, implementation of projects resulted in: <ul style="list-style-type: none"> <li>- 40 health/social workers certified in palliative care,</li> <li>- 234 persons trained in caregiving/palliative/social care,</li> <li>- 116 public health and medical professionals trained on mosquito-borne diseases,</li> <li>- 116 persons educated on allergens,</li> <li>- 113 persons trained on volunteering and other social services,</li> <li>- 57 health workers trained in telemedicine techniques.</li> </ul> Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds. The majority of implemented projects (so far) managed to provide training and education to more persons than they have initially envisaged.
PA1	O	PA1b	Number of jointly developed tools and services that enable better quality of social and health care	Number	2	9.00	14.00	By the end of 2022, implementation of projects resulted in: - cross-border network for recording and monitoring palliative patients, - 3 gerontology clubs for vulnerable groups, - accredited training for caregivers, - 6 tools and services related to mosquito surveillance, abatement treatments, and mosquito-borne diseases, - joint eHealth platform delivering real-time measurement and forecast for birch, grass and ragweed pollen, - telemedicine network/service for cardiovascular diseases, - programme for social integration of different marginalized and vulnerable groups. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.
PA2	F	PA2	Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency	EUR	1.200,000.00	11,644,543.00	10,149,710.84	By the end of 2022, CA certified the amount of EUR 10.149.710,84 (EU share) for projects contracted under PA2. Details of PA2 project outputs are present in Section 3.2. Common and programme specific indicators, Table 2, Cell Observations.
PA2	O	PA2a	Number of jointly developed and/or operated monitoring systems	Number	1	5.00	5.00	By the end of 2022, implementation of projects resulted in developing: <ul style="list-style-type: none"> <li>- monitoring network system for data acquisition, processing and presentation (DAPP) of surface water, groundwater and wastewater in cross-border area,</li> <li>- pilot project of mapping and assessing ecosystem services (available as a GIS database) in cross-border pilot areas,</li> <li>- sustainable agricultural production management framework plan in cross-border area,</li> <li>- indicator system enabling efficient monitoring of conservation status of wetland habitats and changes in their ecological character,</li> <li>- system consisting of standard operating procedures for joint action in case of floods and disasters involving dangerous chemicals and gasses.</li> </ul>
PA2	O	PA2b	Surface area of habitats supported in order to attain a better conservation status	ha	100	69,792.00	88,511.99	By the end of 2022, implementation of projects resulted in: <ul style="list-style-type: none"> <li>- 5.000 ha covered by ecosystem processor for purification of waste/river water</li> <li>- 69.343,89 ha covered by assessing ecosystem, collecting data and producing maps of 3 pilot areas,</li> <li>- 540 ha covered by a multifunctional vegetation strip at Zobatnica lake (RS),</li> <li>- 13.626 ha of habitats covered by restoration plans in CB wetland area,</li> <li>- 2,10 ha of habitats revitalized by small-scale restoration works in 2 pilot wetland areas - in Zasavica (RS) and Čarna (HR).</li> </ul> Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, but contracted projects foreseen that a higher value can be achieved for the same amount of funds. Furthermore, one project contracted within the 1st CfP managed to cover more than double the area that it had initially envisaged.
PA3	O	CO09	Sustainable Tourism: Increase in expected number of visits to	Visits/year	20	1,000.00	6,256.00	By the end of 2022, implementation of projects resulted in: <ul style="list-style-type: none"> <li>- 2.222 new visitors to Srijem/Srem region through new innovative touristic offer,</li> </ul>

Priority axis	Ind type	ID	Indicator	Measurement unit	Milestone for 2018 total	Final target (2023) total	2022	Observations
			supported sites of cultural and natural heritage and attractions					- 1.554 new visitors to new secession route, - 1.426 new visitors to cultural/natural heritage of Central Danube Tourism Destination, - 116 new visitors to CB region through new tourism offer for the blind/visually impaired - 438 new visitors to new thematic paths established in CB area, - 500 new visitors to events held at Gourmet centers in Vrđnik (RS) and Vinkovci (HR). Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds. So far, most projects managed to increase the number of visitors to supported sites more than they have initially foreseen.
PA3	F	PA3	Contributing to the development of tourism and preserving cultural and natural heritage	EUR	800,000.00	7,544,500.00	6,615,196.83	By the end of 2022, CA certified the amount of EUR 6.615.196,83 (EU share) for projects contracted under PA3. Details of PA3 project outputs are present in Section 3.2. Common and programme specific indicators, Table 2, Cell Observations.
PA3	I	PA3	Projects contracted	Number	6	10.00	11.00	Six projects (VicTour, Central Danube Tour, EXPLORE CRO-SRB, VISITUS, S.O.S., and HORIS) were contracted within the 1st CfP in 2017, whereas four more projects (Wild Danube Tour, FILMharmonia, Panona net, and Pannonia Gourmet) were contracted within 2nd CfP in 2019. One project (PannEx Reload) was contracted within the 3rd CfP in 2022. The Programme managed to contract more projects than initially planned, with the same amount of funds available.
PA3	O	PA3a	Number of joint tourism products developed and promoted	Number	3	13.00	15.00	By the end of 2022, implementation of projects resulted in: - CB ecotourism/gastro route in Central Danube region, - specialised gastro/cultural route and tools to used the CB touristic offer for the blind/visually impaired persons, - new visual identity of touristic offer in Srijem/Srem region, - 3 CB routes (gastronomy, recreation and ecotourism), - thematic secession route starting in Subotica (RS) and Osijek (HR), - programme «Philharmonic in the movie» - repertoire of short silent films with live music, - two new tourism events (Panona Land Art Fest and Land Art Fest-Tavankut), - integrated CB map of tourist products/providers in active/cultural tourism in the CB area, - new integrated tourism service consisting of 9 thematic itineraries for tours in the CB area, - new «Eat Pannonia» brand and Gourmet Fair for promotion of local/traditional producers.
PA3	O	PA3b	Number of persons educated in quality assurance, standardisation on cultural and natural heritage and destination management.	Number	50	370.00	985.00	By the end of 2022, implementation of projects resulted in: - 16 tourist guides trained, - 670 persons trained in destination management, eno-gastro tourism, cultural/recreational/equestrian tourism and improving the quality of tourism services, - 233 persons trained on digital technology in tourism, - 64 persons trained on tourism services to disabled/blind/visually impaired people, - 2 persons trained in quality management (ISO 9001:2015). Programme estimation of funds for achieving the indicator while setting target value was stricter, but contracted projects foresee that a higher value can be achieved for the same funds. Due to high interest, projects educated more persons than planned.
PA3	O	PA3d	Number of tourism supporting facilities and/or tourism infrastructure developed or improved	Number	0	11.00	23.00	By the end of 2022, implementation of projects resulted in: - 5 equestrian tourism supporting facilities/infrastructure developed, - secession Sakuntala park in Osijek (HR) revitalised, - tourism valorisation plan of Subotica's City Hall (RS) developed, - tourism/cultural supporting facility in Novi Sad (RS) improved, - 5 photo hides and 1 bird feeding station in Zasavica (RS) constructed, - renovation/equipping of a traditional space in Vinkovci (HR) as new Gourmet centre, - infrastructure for cultural events in Erdut and Papuk etno-village (HR) created, - 6 new thematic paths in CB area developed and equipped. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
PA4	O	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	2	9.00	26.00	By the end of 2022, implementation of projects resulted in cooperation of: - 5 enterprises and RI on the possibilities of biomass ash usage in civil engineering products, - 6 enterprises and RI on soil analysis, fruit and herb production, - 3 enterprises and RI on computer systems and IT in domain of automotive industry,

Priority axis	Ind type	ID	Indicator	Measurement unit	Milestone for 2018 total	Final target (2023) total	2022	Observations
								- 2 enterprises and RI on joint research for innovation in corporate and traditional business, - 10 enterprises and RI on joint laboratory analyses and biotechnological research. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds. Furthermore, two projects managed to establish cooperation between more enterprises and research institutions than they had initially foreseen.
PA4	F	PA4	Enhancing competitiveness and developing business environment in the programme area	EUR	650,000.00	6,065,315.00	5,783,050.79	By the end of 2022, CA certified the amount of EUR 5.783.050,79 (EU share) for projects contracted under PA4. Details of PA4 project outputs are present in Section 3.2. Common and programme specific indicators, Table 2, Cell Observations.
PA4	I	PA4	Projects contracted	Number	6	10.00	14.00	Six projects (ORGANIC BRIDGE, Eco build, CROSS TREE, DRIVE, ROSIS4H, and XBIT) were contracted within the 1st CfP in 2017, whereas six more projects (COMMON, FED CCNET, IT community region, CBC Clusters, WBH, and CB NET) were contracted within the 2nd CfP in 2019. Two additional projects (UPDATE and SASFRU) were contracted within the 3rd CfP in 2022. The Programme managed to contract more projects than initially planned, with the same amount of funds available.
PA4	O	PA4a	Number of innovative technologies, processes, products and services introduced by the enterprises in the programme area	Number	1	7.00	16.00	By the end of 2022, implementation of projects resulted in introduction of: - 4 innovative products made with biomass ashes, which can be used as building material, - graduate school curriculum for automotive software engineering, - entrepreneurial education curriculum for entrepreneurship and IT, - Open Innovation Lab for cooperation in business innovation, - 5 new different types of nursery trees, - Blue economy programme for cultivation of cellulose mushrooms, - 2 IT solutions for B2B and facilitation of renewable resources usage, - educational programme for SMEs in the creative/gaming industry of the cross-border area. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
PA4	O	PA4c	Number of cross-border clusters or networks or other collaborative schemes including entrepreneurs established or improved	Number	0	7.00	10.00	By the end of 2022, implementation of projects resulted in: - e-platform for horticultural sector, - network of organic producers in CB area, - IT network for competitiveness, innovation and entrepreneurship, - network for women entrepreneurs, - network on enhancing business environment, - cluster in the field of agriculture, focusing on renewable energy from harvest residues, - cluster in the field of paper industry, mechanical engineering and energetics, - web-platform for cooperation/knowledge exchange in ICT, - online platform for increasing employment opportunities, - CB network for increasing competitiveness in ICT. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.

Priority axis	Ind type	ID	Indicator	Measurement unit	2021	2020	2019	2018	2017
PA1	F	PA1	Improving the quality of public health and social services in the programme area	EUR	4,526,266.82	3,299,453.19	2,535,529.89	1,624,811.58	12,750.00
PA1	O	PA1	Number of persons related to improving health care services and/or social care services trained	Number	619.00	524.00	176.00	97.00	40.00
PA1	O	PA1b	Number of jointly developed tools and services that enable better quality of social and health care	Number	14.00	12.00	7.00	7.00	1.00
PA2	F	PA2	Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency	EUR	8,306,516.03	5,724,611.13	4,425,184.71	1,756,140.72	12,750.00
PA2	O	PA2a	Number of jointly developed and/or operated monitoring systems	Number	4.00	4.00	3.00	1.00	0.00
PA2	O	PA2b	Surface area of habitats supported in order to attain a better conservation status	ha	88,511.39	74,883.89	74,343.89	60,380.00	0.00
PA3	O	CO09	Sustainable Tourism: Increase in expected number of visits to supported sites of cultural and natural heritage and attractions	Visits/year	5,318.00	5,318.00	2,342.00	750.00	0.00



Priority axis	Ind type	ID	Indicator	Measurement unit	2021	2020	2019	2018	2017
PA3	F	PA3	Contributing to the development of tourism and preserving cultural and natural heritage	EUR	6,851,970.34	5,137,929.68	2,668,852.39	1,000,888.92	11,900.00
PA3	I	PA3	Projects contracted	Number	10.00	10.00	10.00	6.00	0.00
PA3	O	PA3a	Number of joint tourism products developed and promoted	Number	12.00	8.00	8.00	3.00	0.00
PA3	O	PA3b	Number of persons educated in quality assurance, standardisation on cultural and natural heritage and destination management.	Number	905.00	818.00	756.00	329.00	0.00
PA3	O	PA3d	Number of tourism supporting facilities and/or tourism infrastructure developed or improved	Number	22.00	9.00	2.00	0.00	0.00
PA4	O	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	26.00	16.00	12.00	4.00	0.00
PA4	F	PA4	Enhancing competitiveness and developing business environment in the programme area	EUR	5,352,894.95	3,801,997.21	2,805,496.80	1,642,611.41	17,373.15
PA4	I	PA4	Projects contracted	Number	12.00	12.00	12.00	6.00	6.00
PA4	O	PA4a	Number of innovative technologies, processes, products and services introduced by the enterprises in the programme area	Number	15.00	13.00	8.00	1.00	0.00
PA4	O	PA4c	Number of cross-border clusters or networks or other collaborative schemes including entrepreneurs established or improved	Number	8.00	4.00	4.00	4.00	0.00

Priority axis	Ind type	ID	Indicator	Measurement unit	2016	2015	2014
PA1	F	PA1	Improving the quality of public health and social services in the programme area	EUR	0.00	0.00	0.00
PA1	O	PA1	Number of persons related to improving health care services and/or social care services trained	Number	0.00	0.00	0.00
PA1	O	PA1b	Number of jointly developed tools and services that enable better quality of social and health care	Number	0.00	0.00	0.00
PA2	F	PA2	Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency	EUR	0.00	0.00	0.00
PA2	O	PA2a	Number of jointly developed and/or operated monitoring systems	Number	0.00	0.00	0.00
PA2	O	PA2b	Surface area of habitats supported in order to attain a better conservation status	ha	0.00	0.00	0.00
PA3	O	CO09	Sustainable Tourism: Increase in expected number of visits to supported sites of cultural and natural heritage and attractions	Visits/year	0.00	0.00	0.00
PA3	F	PA3	Contributing to the development of tourism and preserving cultural and natural heritage	EUR	0.00	0.00	0.00
PA3	I	PA3	Projects contracted	Number	0.00	0.00	0.00
PA3	O	PA3a	Number of joint tourism products developed and promoted	Number	0.00	0.00	0.00
PA3	O	PA3b	Number of persons educated in quality assurance, standardisation on cultural and natural heritage and destination management.	Number	0.00	0.00	0.00
PA3	O	PA3d	Number of tourism supporting facilities and/or tourism infrastructure developed or improved	Number	0.00	0.00	
PA4	O	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	0.00	0.00	0.00
PA4	F	PA4	Enhancing competitiveness and developing business environment in the programme area	EUR	0.00	0.00	0.00
PA4	I	PA4	Projects contracted	Number	0.00	0.00	0.00
PA4	O	PA4a	Number of innovative technologies, processes, products and services introduced by the enterprises in the programme area	Number	0.00	0.00	0.00
PA4	O	PA4c	Number of cross-border clusters or networks or other collaborative schemes including entrepreneurs established or improved	Number	0.00	0.00	0.00

### 3.4. Financial data

**Table 4: Financial information at priority axis and programme level**

**As set out in Table 1 of Annex II to Commission Implementing Regulation (EU) No 1011/2014 (Model for transmission of financial data) and table 17 of model for cooperation programmes under IPA.**

Priority axis	Calculation basis	Total funding	Co-financing rate	Total eligible cost of operations selected for support	Proportion of the total allocation covered with selected operations	Public eligible cost of operations selected for support	Total eligible expenditure declared by beneficiaries to the managing authority	Proportion of the total allocation covered by eligible expenditure declared by beneficiaries	Number of operations selected
PA1	Public	6,599,427.00	85.00	6,638,689.75	100.59%	5,642,718.56	5,977,738.71	90.58%	9
PA2	Public	13,699,623.00	85.00	13,895,395.14	101.43%	11,811,085.65	11,940,837.61	87.16%	15
PA3	Public	8,875,883.00	85.00	9,248,047.07	104.19%	7,705,647.70	7,965,219.95	89.74%	11
PA4	Public	7,135,666.00	85.00	7,258,319.32	101.72%	6,169,571.26	6,803,590.21	95.35%	14
PA5	Public	4,034,492.00	85.00	4,034,492.01	100.00%	3,429,317.89	2,784,008.33	69.01%	6
<b>Total</b>		<b>40,345,091.00</b>	<b>85.00</b>	<b>41,074,943.29</b>	<b>101.81%</b>	<b>34,758,341.06</b>	<b>35,471,394.81</b>	<b>87.92%</b>	<b>55</b>

**Where applicable, the use of any contribution from third countries participating in the cooperation programme should be provided (for example IPA and ENI, Norway, Switzerland)**

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**Table 5: Breakdown of the cumulative financial data by category of intervention**

As set out in Table 2 of Annex II to Commission Implementing Regulation (EU) No 1011/2014 (Model for transmission of financial data) and tables 6-9 of Model for cooperation programmes

Priority axis	Intervention field	Form of finance	Territorial dimension	Territorial delivery mechanism	«r.ir.etc.table5.thempridimen»	Economic dimension	Location dimension	Total eligible cost of operations selected for support	Public eligible cost of operations selected for support	The total eligible expenditure declared by eneficiaries to the managing authority	Number of operations selected
PA1	080	01	07	07	a	20	HR04	130,492.77	110,918.85	117,440.54	1
PA1	081	01	07	07	a	20	HR04	1,527,907.57	1,298,665.53	1,475,936.66	4
PA1	107	01	07	07	a	20	HR04	175,453.70	149,079.77	164,042.27	1
PA1	111	01	07	07	a	20	HR04	460,854.74	391,726.52	452,015.75	1
PA1	112	01	07	07	a	20	HR04	4,343,980.97	3,692,327.89	3,768,303.49	8
PA2	009	01	07	07	b	10	HR04	645,663.23	548,813.74	363,878.54	1
PA2	010	01	07	07	b	10	HR04	3,671,801.29	3,121,031.04	3,029,245.88	8
PA2	011	01	07	07	b	10	HR04	565,448.65	480,631.34	534,514.60	1
PA2	011	01	07	07	b	22	HR04	327,205.34	278,124.53	326,437.09	1
PA2	012	01	07	07	b	10	HR04	465,063.23	395,303.75	432,053.32	1
PA2	013	01	07	07	b	10	HR04	3,344,595.92	2,842,906.50	2,702,808.77	6
PA2	013	01	07	07	b	22	HR04	327,205.34	278,124.53	326,437.10	1
PA2	014	01	07	07	b	10	HR04	453,437.71	385,422.04	431,050.42	2
PA2	085	01	07	07	b	22	HR04	1,059,251.71	900,363.91	957,684.54	3
PA2	086	01	07	07	b	22	HR04	668,430.84	568,166.20	592,143.74	2
PA2	087	01	07	07	b	11	HR04	898,520.36	763,742.30	848,343.14	1
PA2	087	01	07	07	b	19	HR04	285,125.58	242,356.74	273,948.67	1
PA2	088	01	07	07	b	11	HR04	898,520.36	763,742.30	848,343.13	1
PA2	088	01	07	07	b	19	HR04	285,125.58	242,356.73	273,948.67	1
PA3	090	01	07	07	d	15	HR04	540,421.27	459,358.07	506,472.53	3
PA3	091	01	07	07	d	15	HR04	2,252,660.11	1,863,030.33	1,770,311.89	8
PA3	092	01	07	07	d	15	HR04	1,072,609.36	911,717.94	630,815.98	3
PA3	093	01	07	07	d	15	HR04	3,251,138.10	2,711,736.62	3,030,430.96	9
PA3	094	01	07	07	d	15	HR04	973,053.17	775,364.46	927,191.71	4
PA3	095	01	07	07	d	15	HR04	1,158,165.06	984,440.28	1,099,996.88	6
PA4	063	01	07	07	g	01	HR04	1,001,055.68	850,897.30	949,512.51	3
PA4	063	01	07	07	g	07	HR04	783,524.14	665,995.51	744,400.59	2
PA4	063	01	07	07	g	13	HR04	579,213.00	492,331.03	514,251.34	2
PA4	066	01	07	07	g	01	HR04	450,240.55	382,704.45	430,149.03	3
PA4	066	01	07	07	g	07	HR04	232,291.25	197,447.56	226,802.29	1
PA4	066	01	07	07	g	17	HR04	360,829.20	306,704.82	353,022.13	1
PA4	066	01	07	07	g	19	HR04	177,415.98	150,803.58	177,014.57	1
PA4	073	01	07	07	g	07	HR04	551,232.89	468,547.95	517,598.31	1
PA4	073	01	07	07	g	17	HR04	360,829.20	306,704.82	353,022.12	1
PA4	075	01	07	07	g	13	HR04	201,220.31	171,037.26	161,960.52	1
PA4	077	01	07	07	g	19	HR04	177,415.98	150,803.58	177,014.58	1
PA4	082	01	07	07	g	01	HR04	188,086.07	159,873.15	174,397.65	1
PA4	082	01	07	07	g	06	HR04	907,094.81	771,030.58	905,935.82	1
PA4	082	01	07	07	g	13	HR04	725,613.74	616,771.65	606,433.81	2
PA4	082	01	07	07	g	19	HR04	562,256.52	477,918.02	512,074.94	2
PA5	121	01	07	07		18	HR04	2,675,055.05	2,273,796.48	1,872,933.29	4
PA5	122	01	07	07		18	HR04	124,049.87	105,442.39	81,428.32	1
PA5	123	01	07	07		18	HR04	1,235,387.09	1,050,079.02	829,646.72	3

**Table 6: Cumulative cost of all or part of an operation implemented outside the Union part of the programme area**

1. Operation (2)	2. The amount of IPA support(1) envisaged to be used for all or part of an operation implemented outside the Union part of the programme area based on selected operations	3. Share of the total financial allocation to all or part of an operation located outside the Union part of the programme area (%) (column 2/total amount allocated to the support from the IPA at programme level * 100)	4. Eligible expenditure of IPA support incurred in all or part of an operation implemented outside the Union part of the programme area declared by the beneficiary to the managing authority	5. Share of the total financial allocation to all or part of an operation located outside the Union part of the programme area (%) (column 4/total amount allocated to the support from the IPA at programme level *100)
DRIVE; VISITUS; Take Care!; R-SOL-E; Central Danube Tour; ORGANIC BRIDGE; CROSS TREE; ROSIS4H; XBIT; EXPLORE CRO-SRB; HORIS; SeNs Wetlands; RealForAll	1,490,948.49	4.35%	131,603.66	0.38%

(1) IPA support is the Commission decision on the respective cooperation programme.

(2) In accordance with and subject to ceilings set out Article 20 of Regulation (EU) No 1299/2013.

## 4. SYNTHESIS OF THE EVALUATIONS

Programme evaluations are carried out in order to assess the effectiveness, efficiency and impact of the Interreg IPA CBC Programme Croatia-Serbia 2014-2020 (the Programme). The Programme has been subject to an ex-ante evaluation of independent evaluators with the aim to improve programme quality and to optimise the allocation of available funding. The recommendations of this evaluation have been taken into account during the drafting of the Programme as described in ex-ante report.

In accordance with Article 56 of the Regulation No 1303/2013, the Managing Authority (MA) prepared the Evaluation plan approved by the Joint Monitoring Committee (JMC) on 7 Sep 2016. All evaluations, recommendations and follow-up actions have been approved by the JMC.

In line with the Evaluation plan, Programme specific needs and the available financial resources, during the Programme implementation two evaluations were carried out:

### **Evaluation of the Programme efficiency and effectiveness**

The Evaluation of Programme's efficiency and effectiveness was carried out during 2019. The evaluation methodology combined desk reviews of Programme documents, a web-survey answered by beneficiaries and applicants, a set of interviews with Programme representatives and a case study analysis. The evaluation focused on Programme management, Programme implementation and the Programme Communication Strategy. The evaluation was carried out halfway through the implementation of the Programme, in order to showcase mid-term achievements and results in the cross-border area. The Final Evaluation Report was issued on 7 Oct 2019 and was approved by the JMC on 24 Oct 2019. The report revealed that the Programme was performing well in meeting the overall Programme goal. Detailed information on the results of the performed Evaluation of Programme's efficiency and effectiveness, together with synthesis of the findings from 2019, were presented in Annual Implementation Report (AIR) for 2019. The Final Evaluation Report is available on the Programme website (<https://bit.ly/419Kzsk>).

### **Impact evaluation**

In Apr 2021, the Programme contracted experts to carry out the Impact evaluation of the Programme's achievements during the implementation. The objective of this evaluation was to illustrate the impact and sustainability of the achieved results and effects, to assess the impact of projects on cross-border population, project partners and target groups, as well as the effects of communication in relation to the planned objectives. The evaluation methodology combined desk reviews of Programme documents, a web-survey disseminated among beneficiaries and applicants, and a case study analysis, which consisted of interviews with project partners and the analysis of project documents. The evaluation findings also show what improvements are needed to be pursued during programming for the new financial perspective (2021-2027), as well as the tools for improving the quality of the future Programme's implementation. The report was approved by the JMC on 12 October 2021. Detailed information on the results of the performed Impact evaluation, together with synthesis of the findings, were presented in Annual Implementation Report (AIR) for 2021. The final evaluation report is available on the Programme website (<https://bit.ly/416IT3T>).

Name	Fund	From month	From year	To month	To year	Type of evaluation	Thematic priority	Topic	Findings
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## 5. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN

### (a) Issues which affect the performance of the programme and the measures taken

#### Specific measures of the Programme in response to the COVID-19 pandemic and other global issues

As of March/April 2022, National Headquarters of Civil Protection in Croatia and Serbia cancelled almost all previously enforced restrictions and epidemiological measures related to the COVID-19 pandemic. Therefore, in 2022 the MA and JS completely transferred to working from the office, and the possibility of working remotely was terminated, as the epidemiological situation improved.

Nevertheless, despite the absence of generalized lockdown measures imposed by the National Public Health Authorities of Croatia and Serbia, the COVID-19 pandemic continued to affect project implementation on different levels. The digital shift which started in 2020, with the outbreak of the COVID-19 pandemic, continued through 2021 and for the most part of 2022. Numerous activities were switched to online or hybrid format, due to the impossibility to travel and organize face-to-face meetings and larger public gatherings. This situation caused the downsizing of the relative budget lines in project partners' budgets (e.g. Travel and Accommodation) and the reallocation of funds to other budget lines. On-site controls continued to be affected, to some extent, by certain national and institutional constraints imposed on travelling. Therefore, some of the Programme bodies continued performing on-the-spot checks/monitoring visits in online format throughout 2022.

Regarding implementation of projects, the COVID-19 pandemic has caused the postponement of many activities, especially those characterized by seasonality. The Programme applied mitigation measures to offset this problem, by applying maximum flexibility in the approval of extension of implementation period for 16 projects of the 2nd CfP, which used this additional time to finalize the planned activities. As tourism and public health were the sectors most affected by the COVID-19 pandemic, this reflected on the implementation of the projects contracted by the Programme within PA1 and PA3, the most. The dedicated work of the project partners, who were in constant contact with JS/MA, resulted in overcoming obstacles and delays caused by the COVID-19 pandemic. Despite the fact that some hospitals were also Regional COVID-19 Centers at the time, they were able to successfully bring the projects to an end and achieve the expected results. However, the ongoing global logistics disruptions, which started in 2020 and increased during 2021 and 2022, caused considerable delays in supply of equipment to some projects' beneficiaries and affected public procurement procedures. Additionally, the inflation caused further problems due to significantly higher prices of supplies/services/works on the today's market than those predicted in the projects' budgets at the time of application. This was mitigated by performing project modifications and reallocations between budget lines.

Despite the maximum effort made by the beneficiaries and the JS/MA, several projects did not manage to spend all the available funds at their disposal, therefore it was decided that the unspent funds/savings will be redirected into the 3rd (Restricted) Call for submission of project concept notes. This CfP was launched in Sep 2022 and focused on the capitalization of existing outputs/results and restricted to those beneficiaries who successfully completed projects from the 1st/2nd CfP. The initial indicative EU contribution made available was EUR 970.000,00. However, by the time of contracting, more funds became available, so ultimately the 6 projects selected by the Joint Monitoring Committee (JMC) for funding on 14 Nov 2022, have been contracted with the total budget of EUR 1.327.308,61 (EU share: EUR 1.050.195,28). These projects are expected to finish implementation by 31 Oct 2023, and further improve the Programme's overall performance.

#### Workshops, meetings and events

In 2022, the COVID-19 outbreak continued limiting the full possibility of organizing meetings, face-to-face



workshops and trainings for Programme beneficiaries. Therefore, the majority of events were organized online, and as soon as the public health measures allowed, the Programme started organizing face-to-face and hybrid events (such as the EC Day 2022, Launching Conference of the 21-27 Programme in Dec 2022, and further events in 2023).

### **Verification and approval of project reports**

Since certain delays in FLC certification of partner reports continued in 2022, the Programme introduced additional mitigation measures, besides the ones already in effect since 2021. In 2022, the delays in issuing Decisions on irregularities on FLC level started to occur which to some extent affected payment dynamics to the beneficiaries.

Therefore, in Jan 2022 the Programme took the following mitigation measures:

JS Manual was updated with the procedure describing required JS actions towards Control Bodies in case of delayed certification of expenditures in Partner Reports. The procedure is implemented in practice since Jan 2021, but has been officially adopted in the JS Manual in Jan 2022. Furthermore, in the second half of 2022, the MA established an internal mechanism for monitoring the respect of the deadlines for FLC certification of partner reports on a monthly basis, identifying the most serious delays and including the data regarding suspicions/decisions on irregularities on FLC level. Based on this data, the MA/JS requests urgent FLC certification of the partner reports put on the priority list.

Also, in 2022 the JS/MA continued to closely monitor the projects' implementation, which included online consultations with project partners, as well as organizing Final Reporting Workshops in order to improve the quality of Project Progress Reports and reduce the amount of time necessary for the JS/MA check and approval of Project Progress Reports, and speed-up the dynamics of payments made to the beneficiaries.

It is important to mention that the COVID-19 pandemic also affected spending profiles of the Programme bodies using Technical assistance (TA) in 2022, therefore the MA plans to initiate procedure of reallocations among the Programme bodies in first quarter of 2023 in order to ensure more efficient consumption of the funds contracted within PA5. This process also includes the maximum extension of most TA projects (by 31 Dec 2023).

Despite facing all the abovementioned difficulties in implementation, the Programme succeeded in: achieving the N+3 target for 2022, carrying out the activities in relation to the drafting of the new 21-27 IP and preparing and launching the 3rd CfP.

Most of the targets of Programme output indicators were reached in 2022 with values that very often exceed the final targets for 2023.

**(b) OPTIONAL FOR LIGHT REPORTS, otherwise it will be included in point 9.1. An assessment of whether progress made towards targets is sufficient to ensure their fulfilment, indicating any remedial actions taken or planned, where appropriate.**

### **1) N+3 Targets and Automatic Decommittment**

The Programme had to claim EUR 20.366.249,00 (EU share) by the end of 2022 and needs to claim EUR 27.205.223,00 (EU share) by the end of 2023 to avoid automatic decommitment. By the end of 2022, the CA certified an amount of EUR 29.995.288,14 (EU share) and by May 2023 this amount shall reach EUR 31.649.628,58 (EU share). Therefore, the Programme is not in any risk of decommitment until the end of implementation, since it already surpassed the N+3 target set for 2023.

### **2) Programme output indicators state-of-play**

A total of 13 out of 14 targets set for Programme output indicators have been reached (and most of them exceeded) in the first quarter of 2023. The target set for Programme output indicator “*Population covered with improved health services and/or social services or facilities*” (100.000) is at 90% of completion (90.179) and is expected to be met once the projects that are still in the implementation, Mos-Cross 2 and Mos-Cross 3 (with target values of 42.013 and 1.200, respectively), report their final achievements. Other Programme output indicators will be even further improved by projects contracted under the 3rd (Restricted) CfP. These projects start their implementation as of 1 Feb 2023 and will finish in 9 months (by 31 Oct 2023). In Mar 2023, the JS/MA staff provide on-site support to these beneficiaries to ensure timely execution of all planned activities, project outputs and to maximise the absorption of funds.

### **3) Technical Assistance absorption rate**

In 2022, the MA performed an in-depth analysis of the performance of contracted Technical Assistance (TA) projects, which showed lower spending of funds by the TA beneficiaries, mostly due to the restrictions and disturbances caused by the COVID-19 pandemic. The analysis showed that the overall absorption rate of PA5 is approaching 70%. All priority axes, except for PA5, have the absorption rate over 90%. In accordance with the principles of sound financial management, and since the end of the financial perspective 2014-2020 is approaching, the MA invited TA beneficiaries to analyse their needs by the end of the current financial perspective, which resulted with the proposal for the reallocation of funds between TA beneficiaries in order to maximise spending rates. The reallocations are planned to be done in the first quarter of 2023.

## **6. CITIZEN'S SUMMARY (ARTICLE 50(9) OF REGULATION (EU) NO 1303/2013)**

A citizen's summary of the contents of the annual and the final implementation reports shall be made public and uploaded as a separate file in the form of annex to the annual and the final implementation report

You can upload/find the Citizen's summary under General > Documents

**7. REPORT ON THE IMPLEMENTATION OF FINANCIAL INSTRUMENTS (ARTICLE 46 OF REGULATION (EU) No 1303/2013)**

**8. PROGRESS IN PREPARATION AND IMPLEMENTATION OF MAJOR PROJECTS AND JOINT ACTION PLANS (ARTICLE 101(H) AND ARTICLE 111(3) OF REGULATION (EU) No 1303/2013 AND ARTICLE 14(3)(B) OF REGULATION (EU) No 1299/2013)**

**8.1. Major projects**

**Table 7: Major projects**

Project	CCI	Status of MP	Total investments	Total eligible costs	Planned notification/submission date	Date of tacit agreement/ approval by Commission	Planned start of implementation	Planned completion date	Priority axis / Thematic priorities	Current state of realisation — financial progress (% of expenditure certified to Commission compared to total eligible cost)	Current state of realisation — physical progress / Main implementation stage of the project	Main outputs	Date of signature of first works contract (1)	Observations
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(1) In the case of operations implemented under PPP structures the signing of the PPP contract between the public body and the private sector body (Article 102(3) of Regulation (EU) No 1303/2013).

**Significant problems encountered in implementing major projects and measures taken to overcome them**

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**Any change planned in the list of major projects in the cooperation programme**

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## 8.2. Joint action plans

Progress in the implementation of different stages of joint action plans

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**Table 8: Joint action plans (JAP)**

Title of the JAP	CCI	Stage of implementation of JAP	Total eligible costs	Total public support	OP contribution to JAP	Priority axis	Type of JAP	[Planned] submission to the Commission	[Planned] start of implementation	[Planned] completion	Main outputs and results	Total eligible expenditure certified to the Commission	Observations
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**Significant problems encountered and measures taken to overcome them**

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**9. ASSESSMENT OF THE IMPLEMENTATION OF THE COOPERATION PROGRAMME (ARTICLE 50(4) OF REGULATION (EU) NO 1303/2013 AND ARTICLE 14(4) OF REGULATION (EU) NO 1299/2013)**

**9.1 Information in Part A and achieving the objectives of the programme (Article 50(4) of Regulation (EU) No 1303/2013)**

Priority axis	PA1 - Improving the quality of public health and social services in the programme area

Priority axis	PA2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency

Priority axis	PA3 - Contributing to the development of tourism and preserving cultural and natural heritage.

Priority axis	PA4 - Enhancing competitiveness and developing business environment in the programme area.

Priority axis	PA5 - Technical Assistance

**9.2. Specific actions taken to promote equality between men and women and to promote non-discrimination, in particular accessibility for persons with disabilities, and the arrangements implemented to ensure the integration of the gender perspective in the cooperation programme and operations (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 2, (d) of Regulation (EU) No 1299/2013)**

An assessment of the implementation of specific actions to take into account the principles set out in Article 7 of Regulation (EU) No 1303/2013 on promotion of equality between men and women and non-discrimination, including, where relevant, depending on the content and objectives of the cooperation programme, an overview of specific actions taken to promote equality between men and women and to promote non-discrimination, including accessibility for persons with disabilities, and the arrangements implemented to ensure the integration of the gender perspective in the cooperation programme and operations

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**9.3.Sustainable development (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 2, (e) of Regulation (EU) No 1299/2013)**

An assessment of the implementation of actions to take into account the principles set out in Article 8 of Regulation (EU) No 1303/2013 on sustainable development, including, where relevant, depending on the content and objectives of the cooperation programme, an overview of the actions taken to promote sustainable development in accordance with that Article

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**9.4. Reporting on support used for climate change objectives (Article 50(4) of Regulation (EU) No 1303/2013)**

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**9.5 Role of partners in the implementation of the cooperation programme (Article 50(4) of Regulation (EU) No 1303/2013 and Article 14(4), subparagraph 1, (c) of Regulation (EU) No 1299/2013)**

Assessment of the implementation of actions to take into account the role of partners referred to in Article 5 of Regulation (EU) No 1303/2013, including involvement of the partners in the implementation, monitoring and evaluation of the cooperation programme

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**10. OBLIGATORY INFORMATION AND ASSESSMENT ACCORDING TO ARTICLE 14(4),  
SUBPARAGRAPH 1 (A) AND (B), OF REGULATION (EU) No 1299/2013**

**10.1 Progress in implementation of the evaluation plan and the follow-up given to the findings of  
evaluations**

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Status	Name	Fund	Year of finalizing evaluation	Type of evaluation	Thematic priority	Topic	Findings (in case of execution)	Follow up (in case of execution)
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## 10.2 The results of the information and publicity measures of the Funds carried out under the communication strategy

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**11. ADDITIONAL INFORMATION WHICH MAY BE ADDED DEPENDING ON THE CONTENT AND OBJECTIVES OF THE COOPERATION PROGRAMME (ARTICLE 14(4), SUBPARAGRAPH 2 (A), (B), (C) AND (F), OF REGULATION (EU) No 1299/2013)**

**11.1. Progress in the implementation of the integrated approach to territorial development, including integrated territorial investments, sustainable urban development, and community led local development under the cooperation programme**

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## 11.2 Progress in implementation of actions to reinforce the capacity of authorities and beneficiaries to administer and to use the IPA

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### 11.3 Contribution to macro-regional and sea basin strategies (where appropriate)

As stipulated by the Regulation (EU) No 1299/2013, recital 19, article 8(3)(d) on the "Content, adoption and amendment of cooperation programmes" and article 14(4) 2nd subparagraph (c) "Implementation reports", this programme contributes to MRS(s) and/or SBS:

Contribution to EUSDR/EUSAIR for projects contracted within 1st/2nd CfP was already reported in previous Annual Implementation Reports (AIR), while in this AIR the focus is on expected contribution to EUSDR and EUSAIR of projects contracted within the 3rd (Restricted) CfP, launched in 2022. These projects are focused on the capitalization and further use of valuable outputs and results, stemming from projects financed by the Programme within the 1st/2nd CfP.

The EUSDR challenge related to sustainable energy, managing environmental risks and preserving biodiversity, as well as the EUSAIR pillar dealing with challenge of preserving, protecting and improving the quality of the environment is tackled by PA2 projects of the 3rd CfP as follows:

- with additional capacities of renewable (solar) energy to be installed on public buildings by project **BIOSOL+**, increasing their energy efficiency and decreasing energy consumption,
- with the installation of solar power plant and green wall on public buildings by project **GReENERGY 2.0**, in order to improve in-building environmental conditions, monitored by mobile micro-meteorological sensors.

The EUSDR challenge referring to promoting culture and tourism, as well as the EUSAIR pillar dealing with challenge of increasing regional attractiveness by supporting sustainable development, preservation and promotion of culture heritage are in correlation with 3rd CfP project contracted under PA3, **PannEx Reload**, which plans to:

- develop new, digital tools to further promote the "Eat Pannonia" brand to a wider audience. The scope of local producers under the brand will be widened, with the aim to support sustainable tourism valorisation of authentic cultural heritage in the cross-border area.

The EUSDR challenges referring to supporting the competitiveness of enterprises, including cluster development, as well as the EUSAIR aspect related to innovation and SMEs development is tackled by the PA4 contracted projects of the 3rd CfP as follows:

- Project **SASFRU** intends to provide supporting services and innovative tools to entrepreneurs in farming and fruit-growing sectors.
- Project **UPDATE** plans to further improve the existing fab labs, providing resources and facilities that can be used by start-ups to develop prototypes

based on artificial intelligence in different sectors, primarily in the automotive industry.

The aspect related to the capacity building is tackled through the implementation of projects contracted under all four Priority axes within the 3rd CfP, with trainings and educations related to:

- mosquito-borne diseases and surveillance protocols for public health professionals,
- advantages of using RES and BEMS in public buildings, as well as increasing the awareness among the students and local community on the importance of implementing energy efficiency measures,
- presenting local gastronomy to a wider audience through the interactive Gastro shows and educational cooking platform,
- promoting STEAM disciplines in schools of the cross-border area,
- providing practical trainings and mentoring sessions for start-up entrepreneurs on state-of-the-art technologies (AI, IoE, Augmented/Virtual Reality, etc.) implementation in different sectors,
- introducing sustainable practices and innovative IT tools in farming and fruit-growing sector.

- EU Strategy for the Danube Region (EUSDR)
- EU Strategy for the Adriatic and Ionian Region (EUSAIR)

**The pillar(s) and priority area(s) that the programme is relevant to:**

	<b>Pillar</b>	<b>Priority area</b>
<input type="checkbox"/>	1 - Connecting the Danube region	1.1 - Mobility - waterways
<input type="checkbox"/>	1 - Connecting the Danube region	1.2 - Mobility - rail, road & air
<input checked="" type="checkbox"/>	1 - Connecting the Danube region	1.3 - Energy
<input checked="" type="checkbox"/>	1 - Connecting the Danube region	1.4 - Culture and tourism
<input type="checkbox"/>	2 - Protecting the environment in the Danube region	2.1 - Water quality
<input checked="" type="checkbox"/>	2 - Protecting the environment in the Danube region	2.2 - Environmental risks
<input checked="" type="checkbox"/>	2 - Protecting the environment in the Danube region	2.3 - Biodiversity, landscapes, air and soil quality
<input type="checkbox"/>	3 - Building prosperity in the Danube region	3.1 - Knowledge society
<input checked="" type="checkbox"/>	3 - Building prosperity in the Danube region	3.2 - Competitiveness
<input checked="" type="checkbox"/>	3 - Building prosperity in the Danube region	3.3 - People & skills
<input checked="" type="checkbox"/>	4 - Strengthening the Danube region	4.1 - Institutional capacity & cooperation
<input type="checkbox"/>	4 - Strengthening the Danube region	4.2 - Security

**Actions or mechanisms used to better link the programme with the EUSDR**

**A. Are macro-regional coordinators (mainly National Coordinators, Priority Area Coordinators or Steering Group members) participating in the Monitoring Committee of the programme?**

Yes  No

**B. In selection criteria, have extra points been attributed to specific measures supporting the EUSDR?**

Yes  No

**a) Are targeted calls for proposals planned in relation to EUSDR**

Yes  No

**b) How many macro-regional projects/actions are already supported by the programme? (Number)**

0

**c) Were extra points/bonus given to a project/action with high macro-regional significance or impact? If yes, please elaborate (1 specific sentence)**

Within the 1st and 2nd CfP, projects were able to receive max. 3 points for clear contribution to at least one macro-regional strategy, but since the projects selected under the 3rd CfP are capitalizing these previously selected projects, no additional points were attributed in the selection of projects within the 3rd CfP.

**d) Other actions (e.g. planned strategic projects). Please elaborate (1 specific sentence)**

No additional actions / strategic projects were implemented in 2022.

**C. Has the programme invested EU funds in the EUSDR?**

Yes  No

Does your programme plan to invest in the EUSDR in the future? Please elaborate (1 specific sentence)

The programme indirectly invests in the EUSDR through cofinancing projects that are contributing to EUSDR pillars.

**D. Obtained results in relation to the EUSDR (n.a. for 2016)**

Projects implemented within the 1st/2nd CfP, which are further capitalized by the projects selected within the 3rd CfP in 2022, have contributed to EUSDR with the following results: - an early-warning system and preparedness protocol for possible outbreak of mosquito-borne diseases, - additional capacities of producing renewable energy through solar power plants and other RES systems, - "green" walls and roofs on public buildings, - tourism valorization of intangible cultural heritage (local gastronomy), - a cross-border network for increasing the competitiveness, innovation and business skills of IT entrepreneurs, - innovations in organic farming contributing to conserving biodiversity and minimizing the use of pesticides, affecting the quality of air, water and soil.

**E. Does the programme contribute to the targets as validated by the national coordinators and priority area coordinators in 2016 (uploaded on the EUSDR website)? (Please specify the target(s))**

The Programme contributes to the following EUSDR targets: 2, 3, 4, 5, 6, 7, 8 and 9.

**Pillar(s), topic(s) and/or cross cutting issue(s) that the programme is relevant to:**

	<b>Pillar</b>	<b>Topic / Cross cutting issue</b>
<input type="checkbox"/>	1 - Blue growth	1.1.1 - Blue technologies
<input type="checkbox"/>	1 - Blue growth	1.1.2 - Fisheries and aquaculture
<input type="checkbox"/>	1 - Blue growth	1.1.3 - Maritime and marine governance and services
<input type="checkbox"/>	1 - Blue growth	1.2.1 - Strengthening R&D, innovation
<input type="checkbox"/>	1 - Blue growth	1.2.2 - SMEs development
<input type="checkbox"/>	1 - Blue growth	1.2.3 - Capacity building
<input type="checkbox"/>	2 - Connecting the region	2.1.1 - Maritime transport
<input type="checkbox"/>	2 - Connecting the region	2.1.2 - Intermodal connections to the hinterland
<input type="checkbox"/>	2 - Connecting the region	2.1.3 - Energy networks
<input checked="" type="checkbox"/>	2 - Connecting the region	2.2.1 - Strengthening R&D, innovation
<input checked="" type="checkbox"/>	2 - Connecting the region	2.2.2 - SMEs development
<input checked="" type="checkbox"/>	2 - Connecting the region	2.2.3 - Capacity building
<input type="checkbox"/>	3 - Environmental quality	3.1.1 - The marine environment
<input type="checkbox"/>	3 - Environmental quality	3.1.2 - Transnational terrestrial habitats and biodiversity
<input checked="" type="checkbox"/>	3 - Environmental quality	3.2.1 - Strengthening R&D, innovation
<input type="checkbox"/>	3 - Environmental quality	3.2.2 - SMEs development
<input checked="" type="checkbox"/>	3 - Environmental quality	3.2.3 - Capacity building
<input checked="" type="checkbox"/>	4 - Sustainable tourism	4.1.1 - Diversified tourism offer (products and services)
<input checked="" type="checkbox"/>	4 - Sustainable tourism	4.1.2 - Sustainable and responsible tourism management\r(innovation and quality)
<input checked="" type="checkbox"/>	4 - Sustainable tourism	4.2.1 - Strengthening R&D, innovation
<input checked="" type="checkbox"/>	4 - Sustainable tourism	4.2.2 - SMEs development
<input checked="" type="checkbox"/>	4 - Sustainable tourism	4.2.3 - Capacity building



**Actions or mechanisms used to better link the programme with the EUSAIR**

**A. Are macro-regional coordinators (mainly National Coordinators, Pillar Coordinators, or Thematic Steering Group members) participating in the Monitoring Committee of the programme?**

Yes  No

**B. In selection criteria, have extra points been attributed to specific measures supporting the EUSAIR?**

Yes  No

**a) Are targeted calls for proposals planned in relation to EUSAIR**

Yes  No

**b) How many macro-regional projects/actions are already supported by the programme? (Number)**

0

**c) Were extra points/bonus given to a project/action with high macro-regional significance or impact? If yes, please elaborate (1 specific sentence)**

Within the 1st and 2nd CfP, projects were able to receive max. 3 points for clear contribution to at least one macro-regional strategy, but since the projects selected under the 3rd CfP are capitalizing these previously selected projects, no additional points were attributed in the selection of projects within the 3rd CfP.

**d) Other actions (e.g. planned strategic projects). Please elaborate (1 specific sentence)**

No additional actions / strategic projects were implemented in 2022.

**C. Has the programme invested EU funds in the EUSAIR?**

Yes  No

Does your programme plan to invest in the EUSAIR in the future? Please elaborate (1 specific sentence)

The programme indirectly invests in the EUSAIR through cofinancing projects that are contributing EUSAIR pillars.

**D. Obtained results in relation to the EUSAIR (n.a. for 2016)**

Projects implemented within the 1st/2nd CFP, which are further capitalized by the projects selected within the 3rd CFP in 2022, have contributed to EUSAIR with the following results: - an early-warning system and preparedness protocol for possible outbreak of mosquito-borne diseases, - additional capacities of producing renewable energy through solar power plants and other RES systems, - "green" walls and roofs on public buildings, - tourism valorization of intangible cultural heritage (local gastronomy), - a cross-border network for increasing the competitiveness, innovation and business skills of IT entrepreneurs, - innovations in organic farming contributing to conserving biodiversity and minimizing the use of pesticides, affecting the quality of air, water and soil.

**E. Does the programme contribute to the objectives and/or targets which are attached to each topic under the Pillars, as stated in the Action Plan? (please specify the objective(s) and target(s))**

Pillar 3: topic 2; Pillar 4: topic 1 & 2

#### 11.4 Progress in the implementation of actions in the field of social innovation

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### **13. SMART, SUSTAINABLE AND INCLUSIVE GROWTH**

Information and assessment of the programme contribution to achieving the Union strategy for smart, sustainable and inclusive growth.

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**14. ISSUES AFFECTING THE PERFORMANCE OF THE PROGRAMME AND MEASURES TAKEN — PERFORMANCE FRAMEWORK (ARTICLE 50(2) OF REGULATION (EU) NO 1303/2013)**

Where the assessment of progress made with regard to the milestones and targets set out in the performance framework demonstrates that certain milestones and targets have not been achieved, Member States should outline the underlying reasons for failure to achieve these milestones in the report of 2019 (for milestones) and in the final implementation report (for targets).

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## DOCUMENTS

Document title	Document type	Document date	Local reference	Commission reference	Files	Sent date	Sent By
Citizens' Summary	Citizens' summary	19-May-2023			Citizens' Summary	26-May-2023	nmedanij









