

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 managing the Programme in accordance with the principles of sound financial management, in line with Article 125(1) of CPR.

In 2022, according to Interim payments, the Programme was paid EUR 10.206.474,43 by the European Commission (EC). Programme contracting rate is 102,46%. The Certifying Authority (CA) certified EUR 12.957.220,53, while EUR 11.009.859,56 was paid to Lead partners in 2022. Until 31/12/2022, CA paid to the projects cumulative amount of EUR 36.885.145,18.

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

Call for Proposals (CfP)

1st CfP

By the end of 2020, 23 out of 24 contracted projects finished their implementation, except for project PALL NET which was terminated in 2018. The total amount of EUR 22.337.775,86 was certified by CA for the 1st CfP projects. In 2022, CBs, JS and MA did not perform any on-the-spot check to the projects of the 1st CfP.

2nd CfP

On 31/12/2021 project ASIQ was the first one out of 35 contracted projects that ended its implementation, while in 2022, additional 21 projects ended their implementation. Until the end of 2022, CA certified total amount of EUR 17.053.847,33 for the 2nd CfP projects.

During 2022, CA performed 6 on-the-spot check to the projects of the 2nd CfP, Bosnian Herzegovinian CB 45, Montenegrin CB 32, MA 4 on-the-spot checks, Croatian CB 19 online on-the-spot checks, while JS performed 67 monitoring visits, out of which 10 were performed online. No irregularities were detected during the visits.

Information and communication activities

In line with the adopted Programme Communication Strategy and Annual Communication Plan for 2022, MA implemented different information and communication activities.

In 2022 the majority of Programme events, including informational and educational workshops for 2nd CfP beneficiaries, were done virtually since the pandemic and related epidemiological measures were still affecting the normal dynamics.

In 2022, EC day was celebrated as the local event on 30 September 2022 in Neum (BA). Under this year's motto "Youth in cooperation", the theme of the event was sports and physical activities during which the students of Neum High School and representatives of MA, JS and NAs competed in the "Games without borders" (<https://tinyurl.com/ycktpvwt>).

Video about software developer from Mostar who found his ideal working space at Code Hub Mostar, created by project CODE from the 1st CfP, was published on the Interreg highlights blog (<https://tinyurl.com/5y6fmvbb>).

The Programme's application for Interreg Project Slam 2022 competition for Social Media Award, ended among 6 finalists, by sharing the stories of projects CODE, 2CODE and CROWN that empower youngsters in becoming entrepreneurs. The video (<https://tinyurl.com/2s3ubw5f>) seized excellent 4th place and made it to the Grand Finals, which was held in Brussels on 27 October 2022.

On 13 December 2022 the Interreg IPA Launching Conference was held in Zagreb (HR), where results and good practices of the Programme from the financial perspective 2014-2020 were also shared with the audience. The conference also included a project fair where successful project achievements from 2nd CfP were presented. (<https://tinyurl.com/zfx7pnh5>).

Regular revisions and update of the procedures/guidelines/manuals

At the beginning of 2022, the final versions of updated MA and JS Manuals of Procedures (MoP) and Project Implementation Manual (PIM) (<https://tinyurl.com/ven7xdae>) were adopted.

Furthermore, MA published the following documents: Guidelines for eligibility of expenditure for Montenegrin Project Partners (<https://tinyurl.com/2xpxh3ja>), Control guidelines for beneficiaries from Bosnia and Herzegovina (version 3.0) (<https://tinyurl.com/yckc8pam>) and Control Guidelines for Interreg IPA CBC Programmes (version 4.0) (<https://tinyurl.com/35hez9t>) that were adopted in February 2022.

MA and JS prepared and published “Guide on filling in Project Progress report for 2nd CFP”, as an addition to already existing presentations, materials on project implementation and Q&A document on the Programme website. In 2022, “Guide on filling in Project Progress report for 2nd CFP” (<https://tinyurl.com/3rs6jt42>) was updated to version 3.0.

Programme bodies activities

Due to COVID-19, most of the foreseen Programme bodies meetings were held virtually: Programme bodies meeting, FLC networking meeting, JMC meeting and 7 Technical meetings.

In 2022, MA launched 4 JMC written procedures for approval of:

- partnership change for project FORTITUDE
- Annual Implementation Report and Citizen Summary for 2021
- partnership change for project Flood & Fire
- reallocation of Technical Assistance funds.

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, only 1 Programming Task Force (PTF) meeting was held virtually on 11 February 2022 during which the final strategic framework, the draft Performance framework methodology paper and final draft version of the Interreg VI-A IPA Programme 2021-2027 were discussed and agreed upon.

Following the approval of the Interreg Programme on 28 June 2022 by the PTF members, the Programme was officially submitted to the European Commission on 13 July 2022. On 3 November 2022 the European Commission approved the Interreg VI-A IPA programme Croatia – Bosnia and Herzegovina – Montenegro (<https://tinyurl.com/3h8rws4s>).

Audits

In 2022 the following audits were carried out:

- Audit of accounts
- Audit of operations (MA/JS TA, RACE, MADE, ON TIME, NAUTICA CBC, Exchange, CROWN, 2CODE, CREATIVE@CBC, ePATH, Development through DIHs, Flood & Fire)
- Follow-up of system audit in January 2023, when all previous system audit findings were closed.

Human resources

In 2022, the Programme financed 100% of salaries of JS staff (Head of JS, 5 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
PA 1	Improving the quality of public health and social services in the programme area	<p>Commitment rate for PA1 is 106.75%.</p> <p>Within 1st CfP under Priority axis 1, 6 projects were contracted in total value of EUR 4.058.495,71 (EU share EUR 3.446.758,90). By the end of 2020, all projects (Q-Access-HC, SLEEP MEDICINE, We CARE, MELAdetect, and NeurNet) ended their implementation, while project PALL NET was terminated in 2018.</p> <p>11 projects within Priority axis 1, totalling EUR 8.941.954,36 (EU share EUR 7.600.085,95) contracted within 2nd CfP by 2021, are the following: RACE, TELE.DOC, LAB-OP, ON TIME, IMPHACT, ASIQ, MADE, HEPSC, ERI-Health, ER2=S2 and INCLUSIVE PLAY.</p> <p>Due to the situation with the COVID-19 pandemic and its reflection on implementation of projects, so far 6 projects within PA1 have extended the implementation period (RACE, TELE.DOC, LAB-OP, MADE, HEPSC, and INCLUSIVE PLAY).</p> <p>1 project from 2nd CfP (ASIQ) ended its implementation in 2021, whereas 6 projects (RACE, TELE.DOC, ON TIME, IMPHACT, LAB-OP and MADE) in 2022.</p> <p>No significant problems in project implementation were identified in 2022.</p>
PA 2	Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency	<p>Commitment rate for PA2 is 102,53%.</p> <p>Under this priority axis, 7 projects were contracted within the 1st CfP, with the total value of EUR 7.143.500,11 (EU share is EUR 6.070.330,87). By the end of 2020, all projects contracted within the 1st CfP (SMART SCHOOLS, RENEW HEAT, PESCAR, SafEarth, IRENE, Chestnut, and RMPPI) ended their implementation.</p> <p>7 projects within Priority axis 2, totalling EUR 9.121.540,15 (EU share EUR 7.753.309,04) contracted within the 2nd CfP in 2020, are the following: I.N.G.R.I.D, Wood Key, INER, Flood&Fire, Safe together, RESPONSA and SMART SCHOOLS II.</p> <p>Due to the situation with the COVID-19 pandemic and its reflection on implementation of projects, so far 5 projects within PA2 have extended the implementation period (I.N.G.R.I.D, INER, Flood&Fire, Safe together, and SMART SCHOOLS II).</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>3 projects from 2nd CfP (Wood Key, I.N.G.R.I.D., Flood & Fire) ended their implementation in 2022.</p> <p>No significant problems in project implementation were identified in 2022.</p>
PA 3	Contributing to the development of tourism and preserving cultural and natural heritage	<p>Commitment rate for PA3 is 101,38%.</p> <p>Under Priority axis 3, 5 projects were contracted within 1st CfP, with the total value of EUR 7.043.874,96 (EU share is EUR 5.987.293,61). All 5 projects (Heritage Route, Becharac&Ganga, ADRIATIC CANYONING, Fortress Reinvented and RiTour) ended their implementation in 2019.</p> <p>9 projects within Priority axis 3, totalling EUR 12.807.367,68 (EU share EUR 10.874.855,43) contracted within 2nd CfP by 2021, are the following: FORTITUDE, WRECKS4ALL, CUHaCHA, Exchange, ĆIRO II, HeritageREVIVED, PA.CON, ePATH and NAUTICA CBC.</p> <p>Due to the situation with the COVID-19 pandemic and its reflection on implementation of projects, so far 8 projects within PA3 have extended the implementation period (FORTITUDE, WRECKS4ALL, CUHaCHA, Exchange, ĆIRO II, HeritageREVIVED, PA.CON, ePATH).</p> <p>5 projects from 2nd CfP (FORTITUDE, WRECKS4ALL, CUHaCHA, Exchange, ĆIRO II) ended their implementation in 2022.</p> <p>No problems in implementation were identified in 2022.</p>
PA 4	Enhancing competitiveness and developing business environment in the programme area	<p>Commitment rate for PA4 is 101,26 %.</p> <p>Under this priority axis, 6 projects were contracted within the 1st CfP, with total value of EUR 5.888.604,72 (EU share is EUR 5.004.334,62). By the end of 2020, all projects contracted within the 1st CfP (CODE, CompetenceNET, Invest in LOG, BACAR, COMPETE PLAMET, and STRONGER) ended their implementation.</p> <p>8 projects within Priority axis 4, totalling EUR 7.174.477,65 (EU share EUR 6.098.305,91) contracted within the 2nd CfP in 2020, are the following: 2CODE, CREATIVE@CBC, CROWN, Development through DIHs, centrikomNET, GreenCBC, iNnovaNet and COOPeR.</p> <p>Due to the situation with the COVID-19 pandemic and its reflection on implementation of projects, so far 3 projects within PA4 have extended the implementation period (GreenCBC, iNnovaNet and COOPeR).</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>7 projects from 2nd CfP (2CODE, CREATIVE@CBC, CROWN, Development through DIHs, centrikomNET, GreenCBC, iNnovaNet) ended their implementation in 2022.</p> <p>No significant problems in project implementation were identified in 2022.</p>
PA 5	Technical Assistance	<p>Commitment rate for PA5 is 100%.</p> <p>The total value of the technical assistance is EUR 6.724.945,00, out of which EUR 5.715.531,00 is EU funding.</p> <p>10 projects were contracted within Call for Proposals for Technical Assistance conducted in 2017. In 2018, TA projects of MA and JS merged into a single TA project, therefore 9 TA projects were in implementation until December 2022.</p> <p>In November 2022, JMC adopted MA proposal for relocation of funds between TA projects, in order to ensure the best absorption of the available TA funds by the end of the financial perspective 2014-2020. The total Programme Technical Assistance allocation remains unchanged.</p> <p>The current TA beneficiaries are: Managing Authority and Joint Secretariat, Certifying Authority, Audit Authority, National Authority in Croatia, Control Body in Croatia, National Authority in Bosnia and Herzegovina, Control Body in Bosnia and Herzegovina, National Authority in Montenegro, Control Body in Montenegro.</p>

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

Priority axes other than technical assistance

Priority axis	PA 1 - Improving the quality of public health and social services in the programme area
Thematic Priority	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 - PA 1.a

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO36	Health: Population covered by improved health services	Persons	130,000.00	147,538.00	By the end of 2022, projects managed to cover more population with improved health services than initially planned due to high interest: 18.645 palliative patients, persons with disabilities and other vulnerable groups received improved health and social services, 573 persons received skin screenings for early detection of melanoma, 17.720 persons received new services in relation to sleep disorders, 1.173 patients received services on breast and colon cancer early detection and treatment, 1.336 trauma patients covered with improved health care, improved health services received in relation to: pharmaco-resistant epilepsy and late-stage Parkinson's disease for 241 persons, healthy nutrition for 79 persons, emergency medical services for 41.093 persons, laboratory services for 66.256 persons, dental services for 422 patients.
S	CO36	Health: Population covered by improved health services	Persons	130,000.00	163,862.00	6 projects contracted within the 1st CIP foreseen to cover 26.820 persons with improved health services by the end of their implementation. Project PALL NET was terminated in July 2018, but few projects managed to provide improved health services to more persons than they have initially envisaged. 11 projects contracted within the 2nd CIP foresee to cover additional 137.042 persons with improved health services by the end of their implementation. Due to COVID-19 pandemic, two projects decreased their target values, therefore the forecast value in 2021 and 2022 is lower than in 2020. Programme estimation of funds needed for achieving this indicator while setting a new target value through CP modification was more strict and conservative, however some of contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA1a	Number of jointly developed and/or implemented tools and services that enable better quality of health and/or social care services	Number	13.00	15.00	By end of 2022, projects managed to provide more health and/or social care tools and services than initially planned: 4 health care centres improved diagnostic services and access to patients, 2 age-friendly centres opened, Quality assessment tool and Handbook on high-quality home care created, e-health tool for preventing and improving medical treatment of melanoma created, joint service for monitoring and diagnostic sleep disorders developed, and joint database on sleep monitoring and sleep medicine created, ICT care management network for pharmaco-resistant epilepsy and late-stage Parkinson's disease patients developed, resuscitation training program for non-medical population developed, joint service for diagnostics of hearing and speech for children and youth, joint e-platform with Virtual doctor in palliative care.
S	PA1a	Number of jointly developed and/or implemented tools and services that enable better quality of health and/or social care services	Number	13.00	23.00	Six projects contracted within the 1st CIP planned to jointly develop 12 tools and/or services in health and/or social care. Projects PALL NET and MELAdetect each failed to deliver one foreseen output – PALL NET was terminated in 07/18, and MELAdetect foreseen an output that was not in line with the definition of programme output indicator and therefore could not be taken into account as its contribution. 8 projects contracted within the 2nd CIP foresee to develop additional 11 tools and/or services in health and/or social care by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA1b	Number of participants in joint education and training schemes on health and/or social care	Number	935.00	1,515.00	By the end of 2022, implementation of projects resulted in educating/training more persons than initially planned due to high interest: 213 persons on palliative and elderly care, 454 persons on melanoma, 27 persons on health quality management systems, 31 persons on sleep medicine, 53 persons on use of new specialised medical equipment, 81 persons on oral disease prevention, 220 epidemiologists on anthropozoonoses/vector-borne diseases, 8 professionals on proper nutrition in preschools, 11 laboratory staff on health safety for human consumption, 37 professionals on proper laboratory services, 250 experts on prehospital care for traumatized patients, 19 experts on breast and colon cancer early detection and treatment, 30 neurology specialists educated, 70 experts for children with disabilities trained, 11 experts finished European Trauma Course.
S	PA1b	Number of participants in joint education and training schemes on health and/or social care	Number	935.00	1,175.00	Six projects contracted within the 1st CIP foreseen to provide education on health and/or social care to 235 participants. Project PALL NET was terminated in July 2018. Nonetheless, since there was a high interest in the chosen topics, most projects managed to provide education and training to a higher number of persons than it was planned at the beginning of implementation. 10 more projects, contracted within the 2nd CIP, foresee to provide education and training in health and social care to 940 more persons by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, 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	CO36	Health: Population covered by improved health services	69,264.00	28,745.00	10,555.00	10,946.00	105.00	0.00	0.00	0.00
S	CO36	Health: Population covered by improved health services	163,862.00	166,908.00	26,820.00	26,820.00	26,820.00	0.00	0.00	0.00
F	PA1a	Number of jointly developed and/or implemented tools and services that enable better quality of health and/or social care services	11.00	10.00	7.00	5.00	2.00	0.00	0.00	0.00
S	PA1a	Number of jointly developed and/or implemented tools and services that enable better quality of health and/or social care services	23.00	23.00	12.00	12.00	6.00	0.00	0.00	0.00
F	PA1b	Number of participants in joint education and training schemes on health and/or social care	950.00	642.00	618.00	288.00	36.00	0.00	0.00	0.00
S	PA1b	Number of participants in joint education and training schemes on health and/or social care	1,175.00	1,175.00	235.00	235.00	235.00	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]

Priority axis	PA 1 - Improving the quality of public health and social services in the programme area
Thematic Priority	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.
Specific objective	1.1 - To improve the quality of the services in public health and social care sector across the borders

Table 1: Result indicators - PA 1.a.1.1

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
PA1	The level of accessibility and availability of the services within public health care sector	Percentage	44.00	2015	75.00	61.33		Data on result indicator is not envisaged to be reported for 2021 and 2022, therefore, the value reported for 2020 is repeated. In 2020, the newest data was collected for Croatia and Montenegro, whereas the data for Bosnia and Herzegovina represent partially historical data from 2018 and partially new data from 2020. The percentage describing the level of accessibility and availability of the services within public health care sector 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. 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	The level of accessibility and availability of the services within public health care sector	61.33		61.33		57.11		57.11	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
PA1	The level of accessibility and availability of the services within public health care sector	44.00		44.00		44.00		0.00	

Priority axis	PA 2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency
Thematic Priority	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 - PA 2.b

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	PA2a	Surface area of habitats supported in order to attain a better conservation status (ha) (CI)	ha	11,400.00	11,401.78	Only project Chestnut from the 1st Call for Proposals, has chosen this indicator and managed to support slightly larger surface area of habitats that it had initially foreseen. As a result of project implementation: 11.401,78 ha of chestnut forests was analysed, which resulted in proposed measures and action plans for conservation and formal protection of chestnut population in cross-border area.
S	PA2a	Surface area of habitats supported in order to attain a better conservation status (ha) (CI)	ha	11,400.00	43,399.10	Only project Chestnut, contracted within the 1st Call for Proposals, has chosen this indicator and provided its forecast of 43.399,1 ha of surface area of habitats to be affected by the project. However, a part of foreseen target value (31.997,32 ha) could not be taken into account as a contribution to the programme output indicator since it was not in line with its definition. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted project foreseen that a higher value can be achieved for the same amount of funds.
F	PA2b	Area covered by improved emergency preparedness and risk prevention systems (km2)	km2	26,300.00	16,357.88	By the end of 2022, implementation of projects resulted in: 11.141,60 km2 are covered with landslide susceptibility maps made on a regional scale that can be included in laws related to spatial planning (land use management) and civil protection, 4.993,28 km2 covered with a network of meteorological and visual stations for pests, creating a fully functional and effective pest and disease warning system, 223 km2 covered by LIDAR scanning in order to create a correlation between landslide and flash flood occurrence and their triggers (e.g. heavy rain).
S	PA2b	Area covered by improved emergency preparedness and risk prevention systems (km2)	km2	26,300.00	36,400.93	Two projects contracted within the 1st CIP foreseen to cover 16.139,18 km2 by improved emergency preparedness and risk prevention systems. Three more projects, contracted within the 2nd CIP, plan to cover additional 20.261,75 km2 with improved emergency preparedness and risk prevention systems by the end of their implementation. The foreseen value in 2017 was reduced because the area covered is larger than the one covering eligible area of this programme, however in 2020 the Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA2c	Population benefiting from flood protection measures (CI)	Number	150,000.00	4,791.00	Since the 2nd CIP projects plan to report their contributions to this indicator at the end of project implementation, which will be during 2023 and 2024, only contribution of the 1st CIP project is reported for 2022. Out of projects contracted within the 1st CIP, only one project chose this indicator. As a result of its implementation: 4.791 inhabitants of local community Željezno polje (BA) benefited from the carried out reconstruction of several parts of the only road that connects Željezno Polje with the main road, that was completely destroyed due to the activation of primarily flash floods and afterward landslides.
S	PA2c	Population benefiting from flood protection measures (CI)	Number	150,000.00	332,454.00	Only one project contracted within the 1st Call for Proposals selected this indicator and provided forecast of 5.000 persons benefiting from flood protection measures implemented in the Programme area. Three more projects contracted within the 2nd CIP expect to implement flood protection measures in the Programme area, covering population of additional 327.454 persons. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA2d	Additional capacity of renewable energy production (MW)	MW	3.50	4.98	By the end of 2022, implementation of projects resulted in: 4,85 MW of additional energy capacity by installing new highly-efficient biomass-using heating boilers, 0,09 MW of additional capacity by installing hybrid solar-wind micro power plants, 0,04 MW of additional capacity by installing demo solar power generating system. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, but contracted projects foresee that a higher value can be achieved for the same amount of funds.
S	PA2d	Additional capacity of renewable energy production (MW)	MW	3.50	9.65	Four projects contracted within the 1st Call for Proposals foreseen to produce 1,56 MW of additional capacity of renewable energy. Four more projects contracted within the 2nd CIP expect to produce additional 8,09 MW of additional capacity of renewable energy by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee 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	Surface area of habitats supported in order to attain a better conservation status (ha) (CI)	11,401.78	11,401.78	11,401.78	1.10	0.00	0.00	0.00	0.00
S	PA2a	Surface area of habitats supported in order to attain a better conservation status (ha) (CI)	43,399.10	43,399.10	43,399.10	43,399.10	43,399.10	0.00	0.00	0.00
F	PA2b	Area covered by improved emergency preparedness and risk prevention systems (km2)	16,336.88	16,134.88	16,134.88	16,138.28	0.00	0.00	0.00	0.00
S	PA2b	Area covered by improved emergency preparedness and risk prevention systems (km2)	36,400.93	36,400.93	16,139.18	16,139.18	126,596.28	0.00	0.00	0.00
F	PA2c	Population benefiting from flood protection measures (CI)	4,791.00	4,791.00	4,791.00	0.00	0.00	0.00	0.00	0.00
S	PA2c	Population benefiting from flood protection measures (CI)	332,454.00	332,454.00	5,000.00	5,000.00	5,000.00	0.00	0.00	0.00
F	PA2d	Additional capacity of renewable energy production (MW)	2.53	1.90	1.82	1.12	0.00	0.00	0.00	0.00
S	PA2d	Additional capacity of renewable energy production (MW)	9.35	9.32	1.56	1.56	1.56	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]

Priority axis	PA 2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency
Thematic Priority	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.
Specific objective	2.1 - To promote and improve environment and nature protection and management systems for risk prevention

Table 1: Result indicators - PA 2.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	55.00	2015	89.00	68.50		Data on result indicator is not envisaged to be reported for 2021 and 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.

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	68.50		68.50		63.21		63.21	

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					55.00			

Priority axis	PA 2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency
Thematic Priority	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.
Specific objective	2.2 - To promote utilization of renewable energy resources and energy efficiency

Table 1: Result indicators - PA 2.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	2,697,101,345.25	2014	2,508,304,251.08	922,091,375.24		Data on result indicator is not envisaged to be reported for 2021 and 2022, therefore, the value reported for 2020 is repeated. When determining the baseline value in 2014, the data was obtained from available sources at the time in Croatia, Bosnia and Herzegovina and Montenegro. However, in 2020, the newest data could not be collected for Montenegro, since the relevant authority did not continue to collect comparable data after 2018. Therefore, the reported value is based on historical data for Montenegro and state-of-the-art data from 2020 for the rest of the Programme area, reflecting the current situation as close as possible. Improvement is evident in comparison with the baseline value. 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
PA2.2	Energy consumption by public buildings in the programme area	922,091,375.24		922,091,375.24					

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							0.00	

Priority axis	PA 3 - Contributing to the development of tourism and preserving cultural and natural heritage
Thematic Priority	d - Encouraging tourism and cultural and natural heritage.

Table 2: Common and programme specific output indicators - PA 3.d

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	PA3a	Number of joint tourism offers/products developed and/or implemented and promoted	Number	23.00	13.00	By the end of 2022, the implementation of projects resulted in: a cross-border thematic tourist route devoted to the cultural and religious attractions of the cross-border area, 2 tourist weekend-packages related to the cultural and religious sites, 4 cross-border products for urban destinations on the Adriatic basin rivers, 4 joint tourism products related to enhancing touristic potential of fortresses in the programme area, joint agro-tourism and cultural tourism offer of cities Pleternica (HR) and Tomislavgrad (BA), joint cross-border cultural tourism annual manifestation at the fortification sites.
S	PA3a	Number of joint tourism offers/products developed and/or implemented and promoted	Number	23.00	20.00	Four projects contracted within the 1st Call for Proposals envisaged to develop, implement and promote 12 joint tourism offers/products by the end of their implementation. Seven more projects contracted within the 2nd CFP foresee to develop and implement additional 8 joint tourism products and/or offers by the end of their implementation.
F	PA3b	Number of tourism providers with (international) certifications and standards	Number	33.00	33.00	By the end of 2022, the implementation of projects resulted in: 9 persons certified in accordance with the European standard UNI EN 15567-2 (technical instructions for rope courses), 20 tourism providers certified in rural tourism management, in accordance with EU certifications and standards, 4 tourist guides and water routes guides certified in accordance with EU certifications and standards.
S	PA3b	Number of tourism providers with (international) certifications and standards	Number	33.00	34.00	Two projects contracted within the 1st CFP envisaged to support 34 tourism providers with (international) certifications and standards. None of the projects contracted within the 2nd CFP had selected this indicator. The forecast value has decreased in relation to number reported in AIR 2017 and AIR 2018 (46) since project Heritage route shifted 12 people to another programme output indicator – PA3e. However, Programme estimation of funds needed for achieving this indicator while setting a target value was stricter in 2019, whereas contracted projects during the 2nd CFP foresee that a higher value can be achieved for the same amount of funds.
F	PA3c	Number of tourism supporting facilities and/or tourism infrastructure developed and/or improved	Number	13.00	11.00	By the end of 2022, implementation of projects resulted in: 2 walkways (Bečarac (HR) and Hajdučka družina (BA)) equipped with tourism infrastructure, 5 tourism sites in Programme area equipped with outdoor tourism infrastructure, 2 tourism points/kiosks set up in urban destinations, 2 aquariums (Dubrovnik (HR) and Boka (ME)) upgraded and improved by reconstruction and expansion.
S	PA3c	Number of tourism supporting facilities and/or tourism infrastructure developed and/or improved	Number	13.00	30.00	3 projects contracted within 1st CFP envisaged to develop or improve in total 12 tourism supporting facilities/tourism infrastructure. 2 projects failed to deliver in total 3 planned outputs, i.e. delivered outputs were no in line with the definition of programme output indicator and therefore could not be taken into account as its contribution. 6 more projects contracted within 2nd CFP foresee to develop additional 18 tourism supporting facilities and/or infrastructure by end of their implementation. Due to change of the project partnership, one project decreased its target value, therefore the forecast value in 2022 is lower than in 2021. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA3d	Number of sustainable management plans for cultural and natural heritage sites developed and/or implemented	Number	7.00	9.00	By the end of 2022, the implementation of projects resulted in development of: a joint model for better management and sustainable use of natural resources in the Programme area, 3 sustainable management plans for destination and heritage development, 3 interpretation/sustainable management plans for cultural and natural heritage sites, 2 sustainable tourism development strategies for cities in HR and ME. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
S	PA3d	Number of sustainable management plans for cultural and natural heritage sites developed and/or implemented	Number	7.00	10.00	Four projects contracted within the 1st CFP envisaged to develop and implement in total 10 sustainable management plans for cultural and natural heritage sites. One project failed to deliver one planned output, 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. None of the projects contracted within the 2nd CFP had selected this indicator. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA3e	Number of participants trained in quality assurance, standardisation on cultural and natural heritage and destination management	Number	427.00	533.00	By the end of 2022, the implementation of projects resulted in: 189 participants trained in destination management, 42 persons trained in quality assurance in adventure tourism, 144 persons educated in management of cultural heritage sites with innovative digital perspective, 64 persons trained as tourist guides, 17 participants educated on entrepreneurship in tourism, 71 persons educated in cultural heritage and local tourism, 6 persons trained vocation specific training - language course. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that higher value can be achieved for the same amount of funds. Most projects contracted within 1st CFP managed to provide education and training to higher number of persons than it was initially planned.
S	PA3e	Number of participants trained in quality assurance, standardisation on cultural and natural heritage and destination management	Number	427.00	774.00	Five projects contracted within the 1st Call for Proposals envisaged to provide trainees in quality assurance, standardisation on cultural and natural heritage and destination management to 289 participants. Nine more projects, contracted within the 2nd CFP, foresee to provide training and education to additional 485 persons by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA3f	Number of cultural and natural assets developed and/or improved	Number	28.00	25.00	By the end of 2022, the implementation of projects resulted in: 19 cultural, sacral, and natural assets preserved and improved by implementing small-scale infrastructure interventions, 4 improved cultural and natural assets on the rivers of Adriatic basin, 2 developed cultural assets with roh bau model museums of Bečarac and Ganga, and Hajdučka družina.
S	PA3f	Number of cultural and natural assets developed and/or improved	Number	28.00	34.00	Four projects contracted within the 1st Call for Proposals envisaged to develop or improve 26 cultural and natural assets in the Programme area. One project failed to deliver one planned output, 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. Four more projects, contracted within the 2nd CFP, plan to develop or improve additional 8 cultural and natural assets by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee 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	PA3a	Number of joint tourism offers/products developed and/or implemented and promoted	12.00	12.00	4.00	2.00	0.00	0.00	0.00	0.00
S	PA3a	Number of joint tourism offers/products developed and/or implemented and promoted	20.00	20.00	12.00	12.00	12.00	0.00	0.00	0.00
F	PA3b	Number of tourism providers with (international) certifications and standards	33.00	33.00	33.00	29.00	0.00	0.00	0.00	0.00
S	PA3b	Number of tourism providers with (international) certifications and standards	34.00	34.00	34.00	46.00	46.00	0.00	0.00	0.00
F	PA3c	Number of tourism supporting facilities and/or tourism infrastructure developed and/or improved	10.00	9.00	6.00	2.00	0.00	0.00	0.00	0.00
S	PA3c	Number of tourism supporting facilities and/or tourism infrastructure developed and/or improved	31.00	31.00	12.00	12.00	12.00	0.00	0.00	0.00
F	PA3d	Number of sustainable management plans for cultural and natural heritage sites developed and/or implemented	9.00	9.00	8.00	1.00	0.00	0.00	0.00	0.00
S	PA3d	Number of sustainable management plans for cultural and natural heritage sites developed and/or implemented	10.00	10.00	10.00	10.00	10.00	0.00	0.00	0.00
F	PA3e	Number of participants trained in quality assurance, standardisation on cultural and natural heritage and destination management	367.00	343.00	277.00	104.00	0.00	0.00	0.00	0.00
S	PA3e	Number of participants trained in quality assurance, standardisation on cultural and natural heritage and destination management	774.00	639.00	289.00	277.00	277.00	0.00	0.00	0.00
F	PA3f	Number of cultural and natural assets developed and/or improved	25.00	25.00	21.00	10.00	0.00	0.00	0.00	0.00
S	PA3f	Number of cultural and natural assets developed and/or improved	34.00	34.00	26.00	26.00	26.00	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]

Priority axis	PA 3 - Contributing to the development of tourism and preserving cultural and natural heritage
Thematic Priority	d - Encouraging tourism and cultural and natural heritage.
Specific objective	3.1 - To strengthen and diversify the tourism offer through cross border approaches and to enable better management and sustainable use of cultural and natural heritage

Table 1: Result indicators - PA 3.d.3.1

ID	Indicator	Measurement unit	Baseline value	Baseline year	Target value (2023) Total	2022 Total	2022 Qualitative	Observations
PA3	Increase in arrivals of non-residents staying in hotels and similar establishments	Number	73,522,546.00	2014	73,591,990.00	23,196,700.00		Data on result indicator is not envisaged to be reported for 2021 and 2022, therefore value reported for 2020 is repeated. Negative impact of COVID-19 travel restrictions has significantly reduced number of overnights in Programme area, both in comparison with reported value of 2018 and 2019 and with baseline value of 2014. As soon as the COVID-19 crisis is diminished, it can be expected that travel market will recover and number of overnights in Programme area should increase in following years. Number of arrivals in 2018 decreased in relation to baseline value due to recovery of tourism markets in other popular Mediterranean tourist destinations since high number of arrivals in baseline year is result of economic crises during 2010-2012 and participating countries were benefiting from instability in region. Value for 2014 is 0 because Programme was approved in 2015.

ID	Indicator	2021 Total	2021 Qualitative	2020 Total	2020 Qualitative	2019 Total	2019 Qualitative	2018 Total	2018 Qualitative
PA3	Increase in arrivals of non-residents staying in hotels and similar establishments	23,196,700.00		23,196,700.00		59,114,676.00		59,114,676.00	

ID	Indicator	2017 Total	2017 Qualitative	2016 Total	2016 Qualitative	2015 Total	2015 Qualitative	2014 Total	2014 Qualitative
PA3	Increase in arrivals of non-residents staying in hotels and similar establishments	73,522,546.00		73,522,546.00		73,522,546.00		0.00	

Priority axis	PA 4 - Enhancing competitiveness and developing business environment in the programme area
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.

Table 2: Common and programme specific output indicators - PA 4.g

(I)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	23.00	14.00	Since the 2nd CIP projects plan to report their contribution to this indicator in 2023 and 2024, only contribution of the 1st CIP projects is reported for 2022: 8 SMEs cooperating with a research institution in production and analysis of aromatic and medicinal plant products, 6 enterprises cooperating with research institutions within the SMART COOPERATION programme, focusing on in-house mentoring and enhancing favourable business environment.
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	Enterprises	23.00	52.00	Two projects contracted within the 1st CIP foreseen to set up cooperation between 36 enterprises / business support institutions and research institutions through their implementation. However, the projects failed to deliver all planned outputs (22 out of 36), i.e. planned outputs were not in line with the definition of programme output indicator and therefore could not be taken into account as its contribution. Two more projects, contracted within the 2nd CIP, plan to set up cooperation between additional 16 enterprises and research institutions by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA4a	Number of cross-border business clusters and/or networks developed and/or implemented	Number	11.00	12.00	By the end of 2022, implementation of projects resulted in development of: 5 clusters, in the following sectors/areas: creative industry, tourism, local food, metal and plastic industry, and medicinal herbs, joint platform for the internationalisation of SMEs from the cross-border area, providing and effective institutional support to export-oriented entrepreneurs, virtual incubator, supporting the development of SMEs and providing various business services to entrepreneurs in the cross-border area, 5 cross-border networks in the following sectors/areas: IT clusters, creative industry, entrepreneurship and bioeconomy. In 2022, projects managed to achieve more cross-border business clusters and networks than initially planned.
S	PA4a	Number of cross-border business clusters and/or networks developed and/or implemented	Number	11.00	17.00	Six projects contracted within the 1st CIP foreseen to develop 9 cross-border business clusters and/or networks by the end of their implementation. Two projects each failed to deliver one planned output, 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. Seven more projects, contracted within the 2nd CIP, plan to develop additional 8 cross-border business clusters and networks by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA4b	Number of business support institutions supported	Number	20.00	23.00	By the end of 2022, implementation of projects resulted in: 4 co-working spaces adapted, equipped and opened in all three participating countries, 8 business support institutions renovated and equipped, 3 cluster support centres adapted and equipped, 2 technology parks supported by improving institutional infrastructure and human resources, 4 business support institutions supported by strengthening human resources capacities through specialised training programmes, 2 creative centre established. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
S	PA4b	Number of business support institutions supported	Number	20.00	33.00	Five projects contracted within the 1st CIP foreseen to support 26 business support institutions through their implementation. Four more projects, contracted within the 2nd CIP, plan to support additional 7 business support institution by the end of their implementation. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
F	PA4c	Number of laboratories and/or competence centres jointly used by the entrepreneurs developed or improved	Number	16.00	9.00	By the end of 2022, implementation of projects resulted in: 3 business competence centres established (one in each of the participating countries), 3 competence centres in sectors of agriculture and textile, green product design, and tourism and hospitality renovated and equipped, 2 laboratories improved with new laboratory equipment for research, product testing and standardisation practices, 1 UX laboratory established and developed
S	PA4c	Number of laboratories and/or competence centres jointly used by the entrepreneurs developed or improved	Number	16.00	14.00	Three projects contracted within the 1st CIP foreseen to develop or improve 8 laboratories and/or competence centres jointly used by the entrepreneurs in cross-border area. However, one project failed to deliver one planned output for this output indicator, i.e. delivered output were not in line with the definition of programme output indicator and therefore could not be taken into account as its contribution. Four more projects, contracted within the 2nd CIP, plan to develop or improve additional 6 laboratories or competence centres by the end of their implementation.

(I)	ID	Indicator	2021	2020	2019	2018	2017	2016	2015	2014
F	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	14.00	14.00	6.00	0.00	0.00	0.00	0.00	0.00
S	CO26	Research, Innovation: Number of enterprises cooperating with research institutions	52.00	52.00	36.00	36.00	36.00	0.00	0.00	0.00
F	PA4a	Number of cross-border business clusters and/or networks developed and/or implemented	7.00	7.00	6.00	6.00	0.00	0.00	0.00	0.00
S	PA4a	Number of cross-border business clusters and/or networks developed and/or implemented	17.00	17.00	9.00	9.00	9.00	0.00	0.00	0.00
F	PA4b	Number of business support institutions supported	22.00	21.00	17.00	10.00	0.00	0.00	0.00	0.00
S	PA4b	Number of business support institutions supported	33.00	33.00	26.00	26.00	26.00	0.00	0.00	0.00
F	PA4c	Number of laboratories and/or competence centres jointly used by the entrepreneurs developed or improved	7.00	7.00	5.00	4.00	0.00	0.00	0.00	0.00
S	PA4c	Number of laboratories and/or competence centres jointly used by the entrepreneurs developed or improved	14.00	14.00	8.00	8.00	8.00	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]

Priority axis	PA 4 - Enhancing competitiveness and developing business environment in the programme area
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 enhance institutional infrastructure and services in order to accelerate the competitiveness and development of business environment in the programme area

Table 1: Result indicators - PA 4.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	33.00	2015	49.00	5.00		Data on result indicator is not envisaged to be reported for 2021 and 2022, therefore, the value reported for 2020 is repeated. The reported value for 2020 and 2021 is lower than the baseline value of 2015, since in the meantime several existing clusters ceased to exist and perform their activities, partially due to low interest of the members, and partially due to decreased funding possibilities from the participating countries. Based on the information acquired from the relevant authorities, it is expected the cluster activities enhancing innovation, new technologies and ICT solutions will increase in the following years in Croatia, considering recent developments in the ICT industry.

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	5.00		5.00					

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					33.00			

Priority axes for technical assistance

Priority axis	PA 5 - Technical Assistance
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Table 2: Common and programme specific output indicators - PA 5. Technical Assistance

(1)	ID	Indicator	Measurement unit	Target value	2022	Observations
F	5.1	Joint secretariat established	Number	1.00	1.00	The Joint Secretariat was established in May 2015.
S	5.1	Joint secretariat established	Number	1.00	1.00	The Joint Secretariat was established in May 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	21.00	32.31	In 2022, a total of 32,31 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 – 11,33, AA: 3,20, Croatian NA: 1,3, Bosnian Herzegovinian NA 3, Montenegrin NA 3, Croatian CB: 4,73 (on average during the year), Bosnian Herzegovinian CB 1,50, Montenegrin CB 1 and CA 3,25. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.
S	5.16	Number of employees (Full Time Equivalents) whose salaries are co-financed by technical assistance	Number	21.00	33.75	In order to ensure the best absorption of the available TA funds that was not spend due to COVID-19 pandemics and due to increased workload, in 2021 and 2022 some TA beneficiaries reallocated funds to co-finance salaries for more persons from the technical assistance. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foreseen that a higher value can be achieved for the same amount of funds.
F	5.5	Joint Monitoring Committee meetings held	Number	9.00	7.00	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, one meeting, seventh in total, was held virtually on 29 November 2022.
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 adopted and implemented in 2016.
S	5.7	Programme communication strategy developed and implemented	Number	1.00	1.00	Programme Communication Strategy adopted and implemented in 2016.
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 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 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	1.00
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	22.65	22.65	20.60	22.40	14.33	8.33	5.33	5.33
S	5.16	Number of employees (Full Time Equivalents) whose salaries are co-financed by technical assistance	28.80	25.80	15.00	15.00	15.00	8.33	5.33	5.33
F	5.5	Joint Monitoring Committee meetings held	6.00	5.00	4.00	3.00	2.00	1.00	0.00	0.00
S	5.5	Joint Monitoring Committee meetings held	9.00	9.00	9.00	9.00	9.00	1.00	0.00	0.00
F	5.7	Programme communication strategy developed and implemented	1.00	1.00	1.00	1.00	1.00	1.00	0.00	0.00
S	5.7	Programme communication strategy developed and implemented	1.00	1.00	1.00	1.00	1.00	1.00	0.00	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	1.00	2.00	2.00	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
PA 1	O	CO36	Health: Population covered by improved health services	Persons	0	130,000.00	147,538.00	By the end of 2022, implementation of projects resulted in covering more population with improved health services than initially planned due to high interest: 18.645 palliative patients, persons with disabilities and other vulnerable groups received improved health and social services, 573 persons received skin screenings for early detection of melanoma, 17.720 persons received new services in relation to sleep disorders, 1.173 patients received services on breast and colon cancer early detection and treatment, 1.336 trauma patients covered with improved health care, improved health services received in relation to: pharmaco-resistant epilepsy and late-stage Parkinson's disease for 241 persons, healthy nutrition for 79 persons, emergency medical services for 41.093 persons, laboratory services for 66.256 persons, dental services for 422 patients.
PA 1	F	PA1	Improving the quality of the services in public health and social care sector	EUR	625,000	10,350,654.00	7,321,472.27	By the end of 2022, CA certified total amount of EUR 7.321.472,27 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. Due to clerical error, the total amount certified by CA in 2021 was entered as total amount that consists of EU share and national contribution, whereas the total certified amount in 2022 is shown as EU share.
PA 1	I	PA1	Projects contracted	Number	5	17.00	17.00	In 2022, there were no new projects contracted under PA1.
PA 1	O	PA1a	Number of jointly developed and/or implemented tools and services that enable better quality of health and/or social care services	Number	3	13.00	15.00	By end of 2022, implementation of projects resulted in providing more health and/or social care tools and services than initially planned: 4 health care centres improved diagnostic services and access to patients, 2 age-friendly centres opened, Quality assessment tool and Handbook on high-quality home care created, e-health tool for preventing and improving medical treatment of melanoma created, joint service for monitoring and diagnostic sleep disorders developed, and joint database on sleep monitoring and sleep medicine created, ICT care management network for pharmaco-resistant epilepsy and late-stage Parkinson's disease patients developed, resuscitation training program for non-medical population developed, joint service for diagnostics of hearing and speech for children and youth, joint e-platform with Virtual doctor in palliative care.
PA 1	O	PA1b	Number of participants in joint education and training schemes on health and/or social care	Number	70	935.00	1,515.00	By the end of 2022, implementation of projects resulted in educating/training more persons than initially planned due to high interest: 213 persons on palliative and elderly care, 454 persons on melanoma, 27 persons on health quality management systems, 31 persons on sleep medicine, 53 persons on use of new specialised medical equipment, 81 persons on oral disease prevention, 220 epidemiologists on anthropozoonoses/vector-borne diseases, 8 professionals on proper nutrition in preschools, 11 laboratory staff on health safety for human consumption, 37 professionals on proper laboratory services, 250 experts on prehospital care for traumatized patients, 19 experts on breast and colon cancer early detection and treatment, 30 neurology specialists educated, 70 experts for children with disabilities trained, 11 experts finished European Trauma Course.
PA 2	F	PA2	Protecting the environment and nature, improving risk prevention and promoting sustainable energy and energy efficiency.	EUR	1,050,000	13,483,899.00	8,244,256.53	By the end of 2022, CA certified total amount of EUR 8.244.256,53 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. Due to clerical error, the total amount certified by CA in 2021 was entered as total amount that consists of EU share and national contribution, whereas the total certified amount in 2022 is shown as EU share.
PA 2	I	PA2	Projects contracted	Number	6	14.00	14.00	In 2022, there were no new projects contracted under PA2.
PA 2	O	PA2c	Population benefiting from flood protection measures (CI)	Number	0	150,000.00	4,791.00	Since the 2nd CfP projects plan to report their contributions to this indicator at the end of project implementation, which will be during 2023 and 2024, only contribution of the 1st CfP project is reported for 2022. Out of projects contracted within the 1st CfP, only one project chose this indicator. As a result of its implementation: 4.791 habitants of local community Željezno polje (BA) benefited from the carried out reconstruction of several parts of the only road that connects Željezno Polje with the main road, that was completely destroyed due to the activation of primarily flash floods and afterward landslides.
PA 2	O	PA2d	Additional capacity of renewable energy production (MW)	MW	0	3.50	4.98	By the end of 2022, implementation of projects resulted in: 4,85 MW of additional energy capacity by installing new highly-efficient biomass-using heating boilers, 0,09 MW of additional capacity by

Priority axis	Ind type	ID	Indicator	Measurement unit	Milestone for 2018 total	Final target (2023) total	2022	Observations
								installing hybrid solar-wind micro power plants, 0,04 MW of additional capacity by installing demo solar power generating system. Programme estimation of funds needed for achieving this indicator while setting a target value was stricter, but contracted projects foresee that a higher value can be achieved for the same amount of funds.
PA 3	F	PA3	Contributing to the development of tourism and preserving cultural and natural heritage	EUR	1,250,000	16,641,545.00	9,421,357.04	By the end of 2022, CA certified total amount of EUR 9.421.357,04 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. Due to clerical error, the total amount certified by CA in 2021 was entered as total amount that consists of EU share and national contribution, whereas the total certified amount in 2022 is shown as EU share.
PA 3	O	PA3a	Number of joint tourism offers/products developed and/or implemented and promoted	Number	1	23.00	13.00	By the end of 2022, the implementation of projects resulted in: a cross-border thematic tourist route devoted to the cultural and religious attractions of the cross-border area, 2 tourist weekend-packages related to the cultural and religious sites, 4 cross-border products for urban destinations on the Adriatic basin rivers, 4 joint tourism products related to enhancing touristic potential of fortresses in the programme area, joint agro-tourism and cultural tourism offer of cities Pleternica (HR) and Tomislavgrad (BA), joint cross-border cultural tourism annual manifestation at the fortification sites.
PA 3	O	PA3b	Number of tourism providers with (international) certifications and standards	Number	2	33.00	33.00	By the end of 2022, the implementation of projects resulted in: 9 persons certified in accordance with the European standard UNI EN 15567-2 (technical instructions for rope courses), 20 tourism providers certified in rural tourism management, in accordance with EU certifications and standards, 4 tourist guides and water routes guides certified in accordance with EU certifications and standards.
PA 3	O	PA3e	Number of participants trained in quality assurance, standardisation on cultural and natural heritage and destination management	Number	40	427.00	533.00	By the end of 2022, the implementation of projects resulted in: 189 participants trained in destination management, 42 persons trained in quality assurance in adventure tourism, 144 persons educated in management of cultural heritage sites with innovative digital perspective, 64 persons trained as tourist guides, 17 participants educated on entrepreneurship in tourism, 71 persons educated in cultural heritage and local tourism, 6 persons trained vocation specific training - language course. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that higher value can be achieved for the same amount of funds. Most projects contracted within 1st CfP managed to provide education and training to higher number of persons than it was initially planned.
PA 3	O	PA3f	Number of cultural and natural assets developed and/or improved	Number	3	28.00	25.00	By the end of 2022, the implementation of projects resulted in: 19 cultural, sacral, and natural assets preserved and improved by implementing small-scale infrastructure interventions, 4 improved cultural and natural assets on the rivers of Adriatic basin, 2 developed cultural assets with roh bau model museums of Becharac and Ganga, and Hajdučka družina.
PA 4	F	PA4	Enhancing competitiveness and developing business environment in the programme area	EUR	1,000,000	10,963,687.00	8,485,826.15	By the end of 2022, CA certified total amount of EUR 8.485.826,15 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. Due to clerical error, the total amount certified by CA in 2021 was entered as total amount that consists of EU share and national contribution, whereas the total certified amount in 2022 is shown as EU share.
PA 4	O	PA4b	Number of business support institutions supported	Number	5	20.00	23.00	By the end of 2022, implementation of projects resulted in: 4 co-working spaces adapted, equipped and opened in all three participating countries, 8 business support institutions renovated and equipped, 3 cluster support centres adapted and equipped, 2 technology parks supported by improving institutional infrastructure and human resources, 4 business support institutions supported by strengthening human resources capacities through specialised training programmes, 2 creative centre established. Programme estimation of funds needed for achieving this indicator while setting a target value was more strict, whereas contracted projects foresee that a higher value can be achieved for the same amount of funds.
PA 4	O	PA4c	Number of laboratories and/or competence centres jointly used by the entrepreneurs developed or improved	Number	1	16.00	9.00	By the end of 2022, implementation of projects resulted in: 3 business competence centres established (one in each of the participating countries), 3 competence centres in sectors of agriculture and textile, green product design, and tourism and hospitality renovated and equipped, 2 laboratories improved with new laboratory equipment for research, product testing and

Priority axis	Ind type	ID	Indicator	Measurement unit	Milestone for 2018 total	Final target (2023) total	2022	Observations
								standardisation practices, 1 UX laboratory established and developed.

Priority axis	Ind type	ID	Indicator	Measurement unit	2021	2020	2019	2018	2017
PA 1	O	CO36	Health: Population covered by improved health services	Persons	69,264.00	28,745.00	10,555.00	10,946.00	105.00
PA 1	F	PA1	Improving the quality of the services in public health and social care sector	EUR	5,383,742.01	3,173,571.70	2,309,210.58	1,304,600.06	6,205.00
PA 1	I	PA1	Projects contracted	Number	17.00	17.00	6.00	6.00	6.00
PA 1	O	PA1a	Number of jointly developed and/or implemented tools and services that enable better quality of health and/or social care services	Number	11.00	10.00	7.00	5.00	2.00
PA 1	O	PA1b	Number of participants in joint education and training schemes on health and/or social care	Number	950.00	642.00	618.00	288.00	36.00
PA 2	F	PA2	Protecting the environment and nature, improving risk prevention and promoting sustainable energy and energy efficiency.	EUR	7,718,003.26	6,251,190.91	4,684,267.85	1,959,991.75	11,900.00
PA 2	I	PA2	Projects contracted	Number	14.00	14.00	7.00	7.00	7.00
PA 2	O	PA2c	Population benefiting from flood protection measures (CI)	Number	4,791.00	4,791.00	4,791.00	0.00	0.00
PA 2	O	PA2d	Additional capacity of renewable energy production (MW)	MW	2.53	1.90	1.82	1.12	0.00
PA 3	F	PA3	Contributing to the development of tourism and preserving cultural and natural heritage	EUR	7,376,965.80	6,004,555.73	3,724,042.88	1,889,395.63	20,910.00
PA 3	O	PA3a	Number of joint tourism offers/products developed and/or implemented and promoted	Number	12.00	12.00	4.00	2.00	0.00
PA 3	O	PA3b	Number of tourism providers with (international) certifications and standards	Number	33.00	33.00	33.00	29.00	0.00
PA 3	O	PA3e	Number of participants trained in quality assurance, standardisation on cultural and natural heritage and destination management	Number	367.00	343.00	277.00	104.00	0.00
PA 3	O	PA3f	Number of cultural and natural assets developed and/or improved	Number	25.00	25.00	21.00	10.00	0.00
PA 4	F	PA4	Enhancing competitiveness and developing business environment in the programme area	EUR	6,728,751.26	4,852,068.02	3,470,984.42	1,635,506.48	22,482.50
PA 4	O	PA4b	Number of business support institutions supported	Number	22.00	21.00	17.00	10.00	0.00
PA 4	O	PA4c	Number of laboratories and/or competence centres jointly used by the entrepreneurs developed or improved	Number	7.00	7.00	5.00	4.00	0.00

Priority axis	Ind type	ID	Indicator	Measurement unit	2016	2015	2014
PA 1	O	CO36	Health: Population covered by improved health services	Persons	0.00	0.00	0.00
PA 1	F	PA1	Improving the quality of the services in public health and social care sector	EUR	0.00	0.00	0.00
PA 1	I	PA1	Projects contracted	Number	0.00	0.00	0.00
PA 1	O	PA1a	Number of jointly developed and/or implemented tools and services that enable better quality of health and/or social care services	Number	0.00	0.00	0.00
PA 1	O	PA1b	Number of participants in joint education and training schemes on health and/or social care	Number	0.00	0.00	0.00
PA 2	F	PA2	Protecting the environment and nature, improving risk prevention and promoting sustainable energy and energy efficiency.	EUR	0.00	0.00	0.00
PA 2	I	PA2	Projects contracted	Number	0.00	0.00	0.00
PA 2	O	PA2c	Population benefiting from flood protection measures (CI)	Number	0.00	0.00	0.00
PA 2	O	PA2d	Additional capacity of renewable energy production (MW)	MW	0.00	0.00	0.00
PA 3	F	PA3	Contributing to the development of tourism and preserving cultural and natural heritage	EUR	0.00	0.00	0.00
PA 3	O	PA3a	Number of joint tourism offers/products developed and/or implemented and promoted	Number	0.00	0.00	0.00
PA 3	O	PA3b	Number of tourism providers with (international) certifications and standards	Number	0.00	0.00	0.00
PA 3	O	PA3e	Number of participants trained in quality assurance, standardisation on cultural and natural heritage and destination management	Number	0.00	0.00	0.00
PA 3	O	PA3f	Number of cultural and natural assets developed and/or improved	Number	0.00	0.00	0.00
PA 4	F	PA4	Enhancing competitiveness and developing business environment in the programme area	EUR	0.00	0.00	0.00
PA 4	O	PA4b	Number of business support institutions supported	Number	0.00	0.00	0.00
PA 4	O	PA4c	Number of laboratories and/or competence centres jointly used by the entrepreneurs developed 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
PA 1	Public	12,178,673.00	84.99	13,000,450.20	106.75%	11,043,844.97	8,617,339.99	70.76%	17
PA 2	Public	15,865,277.00	84.99	16,266,885.26	102.53%	13,825,208.15	9,700,975.00	61.15%	14
PA 3	Public	19,580,592.00	84.99	19,851,245.32	101.38%	16,862,149.63	11,088,879.82	56.63%	14
PA 4	Public	12,899,973.00	84.99	13,063,085.59	101.26%	11,102,643.23	9,984,428.38	77.40%	14
PA 5	Public	6,724,945.00	84.99	6,724,156.00	99.99%	5,715,532.59	4,014,392.40	59.69%	10
Total		67,249,460.00	84.99	68,905,822.37	102.46%	58,549,378.57	43,406,015.59	64.54%	69

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
PA 1	080	01	07	07	a	20	HR03	603,628.73	511,796.84	305,131.53	2
PA 1	080	01	07	07	a	20	HR04	499,664.77	424,715.05	289,010.39	1
PA 1	081	01	07	07	a	20	HR03	1,648,565.57	1,401,280.71	974,854.96	4
PA 1	081	01	07	07	a	20	HR04	1,248,415.31	1,061,152.99	1,157,959.44	3
PA 1	107	01	07	07	a	20	HR04	345,311.75	293,514.98	302,223.97	1
PA 1	111	01	07	07	a	20	HR03	316,067.68	267,657.52	44,449.17	1
PA 1	112	01	07	07	a	20	HR03	5,357,658.23	4,549,759.50	3,942,058.57	11
PA 1	112	01	07	07	a	20	HR04	2,415,958.03	2,053,564.28	1,433,158.38	5
PA 1	118	01	07	07	a	20	HR03	328,961.68	279,617.42	105,184.23	1
PA 1	118	01	07	07	a	20	HR04	236,218.45	200,785.68	63,309.35	1
PA 2	009	01	07	07	b	22	HR03	359,489.00	305,565.65	335,623.36	1
PA 2	010	01	07	07	b	22	HR03	957,910.00	814,223.50	887,547.08	1
PA 2	010	01	07	07	b	22	HR04	2,175,405.74	1,848,272.79	1,116,824.15	4
PA 2	011	01	07	07	b	22	HR04	2,504,415.96	2,127,931.47	1,741,765.46	5
PA 2	012	01	07	07	b	22	HR03	359,489.00	305,565.65	335,623.36	1
PA 2	013	01	07	07	b	22	HR03	957,910.00	814,223.50	887,547.07	1
PA 2	013	01	07	07	b	22	HR04	1,947,829.20	1,655,654.78	1,052,692.56	4
PA 2	014	01	07	07	b	22	HR04	311,956.72	265,163.21	26,807.76	1
PA 2	083	01	07	07	b	22	HR04	463,951.27	394,358.57	181,230.75	1
PA 2	085	01	07	07	b	22	HR03	300,819.63	255,696.67	265,245.99	1
PA 2	085	01	07	07	b	22	HR04	782,126.94	664,807.90	709,741.76	2
PA 2	086	01	07	07	b	22	HR03	300,819.63	255,696.68	265,246.00	1
PA 2	087	01	07	07	b	22	HR03	925,676.50	786,825.02	24,518.81	1
PA 2	087	01	07	07	b	22	HR04	954,931.90	811,692.10	746,140.92	2
PA 2	088	01	07	07	b	22	HR03	925,676.50	786,825.02	24,518.80	1
PA 2	088	01	07	07	b	22	HR04	2,038,477.27	1,732,705.64	1,099,901.17	3
PA 3	090	01	07	07	d	15	HR03	2,594,994.63	2,205,745.40	1,039,610.90	3
PA 3	091	01	07	07	d	15	HR03	1,709,813.28	1,453,341.27	961,365.70	2
PA 3	091	01	07	07	d	15	HR04	623,422.60	526,106.32	228,948.47	1
PA 3	092	01	07	07	d	15	HR03	1,471,735.85	1,250,975.44	686,299.87	2
PA 3	092	01	07	07	d	15	HR04	976,681.13	826,376.07	546,506.47	2
PA 3	093	01	07	07	d	15	HR03	1,728,204.92	1,468,974.16	518,517.76	2
PA 3	093	01	07	07	d	15	HR04	1,332,154.62	1,128,528.52	711,667.81	3
PA 3	094	01	07	07	d	15	HR03	4,185,014.67	3,557,262.42	2,455,642.36	5
PA 3	094	01	07	07	d	15	HR04	1,509,060.55	1,282,701.46	1,290,012.75	2
PA 3	095	01	07	07	d	15	HR03	2,566,575.99	2,181,589.56	1,525,456.32	4
PA 3	095	01	07	07	d	15	HR04	1,153,587.08	980,549.01	1,124,851.41	1
PA 4	063	01	07	07	g	18	HR03	3,145,952.42	2,673,733.07	2,837,170.70	6
PA 4	063	01	07	07	g	18	HR04	2,123,978.28	1,805,381.52	1,099,511.76	5
PA 4	066	01	07	07	g	18	HR03	2,764,042.68	2,349,109.82	2,001,774.14	6
PA 4	066	01	07	07	g	18	HR04	2,287,882.86	1,944,700.34	1,628,529.83	6
PA 4	073	01	07	07	g	18	HR04	335,309.62	285,013.17	316,488.68	1
PA 4	075	01	07	07	g	18	HR03	203,968.77	173,373.46	197,860.45	1
PA 4	077	01	07	07	g	18	HR03	203,968.77	173,373.46	197,860.45	1
PA 4	082	01	07	07	g	18	HR03	203,968.79	173,373.46	197,860.47	1
PA 4	082	01	07	07	g	18	HR04	1,794,013.40	1,524,584.93	1,507,371.90	5
PA 5	121	01	01	07		18	HR	6,318,289.15	5,370,545.76	3,868,692.37	10
PA 5	122	01	07	07		18	HR	135,288.95	114,995.61	95,700.03	1
PA 5	123	01	07	07		18	HR	270,577.90	229,991.22	50,000.00	1

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)
Invest in LOG, TA JS, PALL NET, Q-Access-HC, STRONGER	688,223.63	1.20%	57,689.08	0.10%

(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-Bosnia and Herzegovina-Montenegro 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 29 and 30 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/44Jdvd8>).

Impact evaluation

In April 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 11 October 2021. Detailed information on the results of the performed Impact evaluation, together with synthesis of the findings, were presented in AIR for 2021. The final evaluation report is available on the Programme website (<https://bit.ly/3pbEzRQ>).

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 April/May 2022, National Headquarters of Civil Protection in Croatia, Bosnia and Herzegovina, and Montenegro cancelled almost all previously enforced restrictions and epidemiological measures related to the COVID-19 pandemic. Therefore, in 2022 the MA and JS were completely transferred to work 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 the participating countries, 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 23 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. Even though some hospitals were also Regional COVID-19 Centres 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. JS performed thorough analysis and it was concluded that the savings amounts to EUR 1,300,000.00 (EU share). The JMC made the decision that the unspent funds/savings will be redirected to the projects still in implementation in 2023 (6 projects), to ensure optimal absorption of the available funds by the end of the implementation of the Programme and to further improve its 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 prepare and send urgent FLC certification of the partner reports put on the priority list.

Also, in 2022 the JS/MA continued to closely monitor projects' implementation, which included online consultations with project partners, 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 and carrying out the activities in relation to the drafting of the new 21-27 IP.

Over two thirds of the targets set for 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 33.943.750,00 (EU share) by the end of 2022 and needs to claim EUR 45.342.040,00 (EU share) by the end of 2023 to avoid automatic decommitment. By the end of 2022, the CA certified an amount of EUR 36.885.145,18 (EU share) and by March 2023 this amount reached EUR 41.042.856,31 (EU share). Therefore, 4.299.183,69 EUR must be spent and certified by the end of 2023, in order for Programme to reach N+3 target set for 2023.

1. Programme output indicators state-of-play

A total of 12 out of 17 targets set for Programme output indicators (POI) have been reached (and most of them exceeded) in the first quarter of 2023. All targets set for POIs at PA1 are already reached.

Since most of the projects in 2022 extended their implementation period, due to the multiple effects that COVID-19 pandemic had on public procurement processes, global supply chains etc., their achievements will be reached later than previously envisaged. Therefore, in May 2023, 6 projects are still in implementation.

This resulted in the fact that the planned target values have not yet been reached for 6 POIs, but it is expected to reach the target values once all projects report their final achievements.

Until May 2023, 2 out of 6 underachieved POIs targets are at 90% of completion:

- “Number of tourism supporting facilities and/or tourism infrastructure developed and/or improved” (12 out of 13)
- “Number of cultural and natural assets developed and/or improved” (25 of 28)

3 out of 6 underachieved POIs targets have reached over 61% of completion:

- “Area covered by improved emergency preparedness and risk prevention systems” (16.357,88 out of 26.300 km²)

- “Number of enterprises and business support institutions cooperating with research institutions” (14 out of 23)
- “Number of laboratories and/or competence centres jointly used by the entrepreneurs developed or improved” (10 out of 16)

Contribution to the set target value of POI “Population benefiting from flood protection measures” (150.000) was foreseen by 4 projects contracted within 1st and 2nd CfP. Only project contracted within 1CfP reported its contribution (4791) so far to this POI while 3 projects contracted within 2nd CfP are still in implementation throughout 2023 and once they report their final achievements the set target is expected to be achieved.

1. 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.

In accordance with the principles of sound financial management, and in order to ensure the best absorption of the available TA funds by the end of the financial perspective 2014-2020, the MA invited all 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. In November 2022, JMC adopted MA proposal for the relocation of funds between TA projects.

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	PA 1 - Improving the quality of public health and social services in the programme area
Priority axis	PA 2 - Protecting the environment and biodiversity, improving risk prevention and promoting sustainable energy and energy efficiency
Priority axis	PA 3 - Contributing to the development of tourism and preserving cultural and natural heritage
Priority axis	PA 4 - Enhancing competitiveness and developing business environment in the programme area
Priority axis	PA 5 - 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 CfP was already reported in AIR for 2020, together with foreseen contributions of 2nd CfP projects, since the projects were in initial phase at the time. Due to impacts of COVID-19 pandemics, most of the achievements that can be reported in context of contribution to EUSDR/EUSAIR for projects of 2nd CfP are therefore reported in AIR for 2022.

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 the 2nd CfP PA2 projects due to their main achievements in 2022 as follows:

- additional capacities of renewable energy produced by project INGRID and Wood KEY, by installing new highly efficient biomass-using heating boilers and small solar power plants;
- project SAFE TOGETHER renovated 3 training centres for environmental risk prevention in the cross-border area
- More than 11.000 ha of chestnut forest analysed with the aim to achieve a better conservation status by project CHESTNUT

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 tackled by the 2nd CfP projects contracted under PA3 due to their main achievements in 2022 as follows:

- Project FORTITUDE created and launched a joint cultural manifestation, "Night of Fortresses", aimed at popularizing and promoting fortified cultural heritage in the cross-border area. The first manifestation was held on April 29 and 30, 2022 in three partner countries, and included concerts, workshops, exhibitions and guided tours.
- Project HERITAGE REVIVED performed reconstruction of three archaeological sites in cross-border area. The sites are also equipped by new VR content.
- Project WRECKS FOR ALL performed photogrammetric scanning of Adriatic seabed in the cross-border area, in order to create new touristic offer - Virtual East Adriatic shipwrecks/underwater heritage trails map

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 were tackled by the 2nd CFP project contracted under PA4 due to its main achievement in 2022 as follows:

- Project COOPeR established the cross-border Centre for Olives dedicated to collaborative research and development in the field of olive growing and olive oil production, with a variety of laboratory and diagnostic tests and procedures available, capacity building activities and targeted research programs developed and implemented.

The aspect related to the capacity building is tackled through the implementation of projects contracted under all Priority axes within the 2nd CFP, taking into account trainings and educations related to palliative and elderly care, project activities related to environment and biodiversity protection, sustainable and responsible tourism, cultural management, etc.

- In general, all projects contracted within PA1 provided joint education and training schemes on health and/or social care (by 2023 over 1.950 health/social care professionals are educated on various topics).

- 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:

	Pillar	Priority area
<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 checked="" 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 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)

The project could obtain max. score (3) on the question related to contribution to different strategies, in case of clearly shown contribution to at least one macroregional strategy.

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 EUDSR through cofinancing projects that are contributing EUDSR pillars.

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

The projects contracted within the 1st CfP ended their implementation by 2020, so their contribution to EUSDR was previously reported. In 2022, projects contracted within 2nd CfP are contributing to EUSDR with: • additional capacities of renewable energy produced by project INGRID and Wood KEY, by installing new highly efficient biomass-using heating boilers and small solar power plants; • 3 training centres for environmental risk prevention renovated in the cross-border area by project SAFE TOGETHER • more than 11.000 ha of chestnut forest analysed with the aim to achieve a better conservation status by project CHESTNUT

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 Priority Areas 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:

	Pillar	Topic / Cross cutting issue
<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 checked="" type="checkbox"/>	3 - Environmental quality	3.1.2 - Transnational terrestrial habitats and biodiversity
<input type="checkbox"/>	3 - Environmental quality	3.2.1 - Strengthening R&D, innovation
<input type="checkbox"/>	3 - Environmental quality	3.2.2 - SMEs development
<input 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 (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)

The project could obtain max. score (3) on the question related to contribution to different strategies, in case of clearly shown contribution to at least one macroregional strategy.

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)

The projects contracted within the 1st CfP ended their implementation by 2020, so their contribution to EUSAIR was previously reported. In 2022 the 2nd CfP projects contributed to EUSAIR with:

- Project FORTITUDE created and launched a joint cultural manifestation, "Night of Fortresses", aimed at popularizing and promoting fortified cultural heritage in the cross-border area. The first manifestation was held on April 29 and 30, 2022 in three partner countries, and included concerts, workshops, exhibitions and guided tours.
- Project HERITAGE REVIVED performed reconstruction of three archaeological sites in cross-border area. The sites are also equipped by new VR content.
- Project WRECKS FOR ALL performed photogrammetric scanning of Adriatic seabed in the cross-border area, in order to create new touristic offer - Virtual East Adriatic shipwrecks/underwater heritage trails map.

All projects contracted within PA1 provided joint education and training schemes on health and/or social care

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))

The Programme contributes to objectives 2 and 3 of Pilar 3: ENVIRONMENTAL QUALITY, and to all objectives of Pilar 4 SUSTAINABLE TOURISM.

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
Citizen summary 2022	Citizens' summary	11-May-2023		Ares(2023)3702020	Citizen summary 2022	29-May-2023	n008u76v

Severity	Code	Message
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 122.55% of the annual total value entered for "S" (forecast from selected) for priority axis: PA 1, investment priority: -, indicator: PA1b, year: 2018. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 128.94% of the annual total value entered for "S" (forecast from selected) for priority axis: PA 1, investment priority: -, indicator: PA1b, year: 2022. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 137.33% of the annual total value entered for "S" (forecast from selected) for priority axis: PA 5, investment priority: -, indicator: 5.16, year: 2019. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 149.33% of the annual total value entered for "S" (forecast from selected) for priority axis: PA 5, investment priority: -, indicator: 5.16, year: 2018. Please check.
Warning	2.54.1	In table 2, the annual total value entered for "F" (implemented) is 262.98% of the annual total value entered for "S" (forecast from selected) for priority axis: PA 1, investment priority: -, indicator: PA1b, year: 2019. Please check.