

EVALUATION ON THE CROSS-BORDER COOPERATION BETWEEN ITALY AND SLOVENIA

3rd EXTENSIVE EVALUATION REPORT

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TABLE OF CONTENTS

TABLE OF CONTENTS	2
1. Milestones of the Third Extensive Evaluation Report (ref. Evaluation Plan)	4
2. Proposed timeline for the evaluation activities concerning the Third Extensive evaluation report	4
3. Evaluation Questions for this Third Extensive Evaluation Report	5
4. Detailed Evaluation	6
4.1.1 Evaluation on Priority Axis 1 with reference to listed Evaluation Questions	6
4.1.2 Priority Axis 1 evaluation questions	10
4.1.3 Priority Axis 1 potential for capitalization	11
4.2.1 Evaluation on Priority Axis 2 with reference to listed Evaluation Questions	12
4.2.2 Priority Axis 2 evaluation question	13
4.2.3 Priority Axis 2 potential for capitalization	13
4.3.1 Evaluation on Priority Axis 3 with reference to listed Evaluation Questions	14
4.3.2 Priority Axis 3 evaluation questions	17
4.3.3 Priority Axis 3 potential for capitalization	18
4.4.1 Evaluation on Priority Axis 4 with reference to listed Evaluation Questions	19
4.4.2 Priority Axis 4 evaluation questions	20
4.4.3 Priority Axis 4 potential for capitalization	21
5. Analysis of indicators	21
6. Focused analysis of projects fitting under the “From Farm to Fork strategy”	24
6.1 The objectives of the “Farm to fork Strategy”	24
6.2 The Interreg Italy-Slovenia projects fitting the “Farm to fork Strategy”	25
6.3 Farm to fork strategy projects - potential for capitalization	26
7. Evaluation of the general Programme performance with reference to listed Evaluation Questions	26
8. Conclusions	28
	2

Sources	33
ANNEX 1	34
ANNEX 2	39
ANNEX 3	42

1. Milestones of the Third Extensive Evaluation Report (ref. Evaluation Plan)

Product	Third extensive Evaluation Report
Legal reference	EU Regulation No 1303/2013 Article 50(5)
Content	3rd Extensive Evaluation Report
Main topics	<ul style="list-style-type: none"> • summary of assessments and contributions to the achievement of the Thematic Objectives/Intervention Plan goals • contribution of the Programme to the 2020 EU Strategy
Methods	<ul style="list-style-type: none"> - desk-research - analysis of indicators (as per Integrated Evaluation Plan)
Data	<ul style="list-style-type: none"> - data from the Programme monitoring system - qualitative information on the implementation of the projects and Programme (including info on Programme communication and dissemination activities) - info on projects from the Programme website - consultation with the project lead partners (if necessary) - info from JS staff on project outputs and indicators and invested funds
Timeline	Ongoing in 2022, to be delivered at the latest by February 2023

Table 1: Milestones as in the Evaluation Plan

This is the structure foreseen in the Evaluation Plan.

2. Proposed timeline for the evaluation activities concerning the Third Extensive evaluation report

The proposed timeline is the following:

Period/deadline	Task
February-March 2022	Implementation of the Methodological note and content
March-June 2022	Data collection/interviews (if necessary) and analysis
September 2022	Onboarding of additional relevant results upon closure of projects (if necessary)
October- November 2022	Submission of a first draft report
December-February 2023	Finalization of the report

Table 2: Agreed timeline

The final release is February 2023 in order to include at the maximum extent the analysis after the majority of projects are concluded and reported.

3. Evaluation Questions for this Third Extensive Evaluation Report

The evaluation questions to be responded by this Report are those foreseen by the Integrated Evaluation Plan (IEP). Furthermore, also the progress and follow-up will be analyzed with respect to the recommendations made in the previous extensive and thematic evaluation reports.

An additional focus is foreseen for projects that are in line with the European Green deal, Farm to Fork objective.

The following questions are proposed with reference to each Programme Priority (ref. Integrated Evaluation Plan - rev. 2020):

<p>Priority Axis 1: Promoting innovation capacities for a more competitive area</p> <p>Standard and strategic projects</p>	<p>GENERIC QUESTION TO BE ANSWERED AS FOLLOW-UP OF PREVIOUS EVALUATION ACTIVITIES</p> <p>What is the progress with respect to the recommendations made in the previous evaluation reports and follow-up.</p> <p>SPECIFIC QUESTIONS DERIVING FROM THE EVALUATION PLAN (v. 2020)</p> <p>EQ.1.2. Have stable clusters or networks been established among different actors?</p> <p>EQ.1.3. To what extent the CP supported the adoption of shared models of knowledge exchange?</p>
<p>Priority Axis 2: Cooperating for implementation of low carbon strategies and action plans</p> <p>Standard and strategic projects</p>	<p>GENERIC QUESTION TO BE ANSWERED AS FOLLOW-UP OF PREVIOUS EVALUATION ACTIVITIES</p> <p>What is the progress with respect to the recommendations made in the previous evaluation reports and follow-up.</p> <p>SPECIFIC QUESTIONS DERIVING FROM THE EVALUATION PLAN (v. 2020)</p> <p>EQ2.2. To what extent has the CP supported the adoption of shared strategies for emissions reduction and green energies supply, involving public and private actors</p>
<p>Priority Axis 3: Protecting and promoting natural and cultural resources (divided in the 3 thematic objectives)</p> <p>Standard, strategic and ITI projects</p>	<p>GENERIC QUESTION TO BE ANSWERED AS FOLLOW-UP OF PREVIOUS EVALUATION ACTIVITIES</p> <p>What is the progress with respect to the recommendations made in the previous evaluation reports and follow-up.</p> <p>SPECIFIC QUESTIONS DERIVING FROM THE EVALUATION PLAN (v. 2020)</p> <p>EQ.3.2. What integrated project and tools were put in place to target protected and environmentally highly valuable areas?</p> <p>EQ.3.6. To what extent did the CP promote the capitalization of past experiences and the exchange of best practices?</p>

<p>Priority Axis 4: Enhancing capacity building and cross-border governance</p> <p>Standard, strategic and ITI project</p>	<p>GENERIC QUESTION TO BE ANSWERED AS FOLLOW-UP OF PREVIOUS EVALUATION ACTIVITIES</p> <p>What is the progress with respect to the recommendations made in the previous evaluation reports and follow-up.</p> <p>SPECIFIC QUESTIONS DERIVING FROM THE EVALUATION PLAN (v. 2020)</p> <p>EQ4.2. - Have shared processes concerning regulatory frameworks, functional networks, common structures, coordination of policies and investments, governance models been developed?</p>
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Table 3: Evaluation Questions foreseen for the Third Evaluation Report as in the Integrated Evaluation Plan - rev. 2020

Apart from the detailed and specific questions pointed out before on each Programme Priority, the Third Report will focus on other evaluation questions referring to the general Programme performances with main reference to the efficiency of the Programme structure and procedures (ref. Integrated Evaluation Plan - rev. 2020).

EVALUATION CRITERIA	EVALUATION QUESTIONS	EVALUATION PRODUCTS
Efficiency	<p>EQ.E.3 Were there delays or other problems in the granting of the resources?</p> <p>EQ.E.4 Were the general objectives of the Fund achieved at reasonable cost?</p>	<p>Both questions to be replied in Third extensive Assessment Report (By 31 December 2022)</p>

Table 4: Evaluation questions on general Programme performance foreseen for the Third Evaluation Report as in the Integrated Evaluation Plan- rev. 2020

4. Detailed Evaluation

4.1.1 Evaluation on Priority Axis 1 with reference to listed Evaluation Questions

The projects under Priority Axis 1 can be grouped as follows

SUB-TOPICS FOCUS (Ref. EU Green Deal, if not applicable marked with /)	PROJECT ACRONYM	REFERENCE TO EVALUATION QUESTIONS & GREEN DEAL	Project content
/HEALTH	ARTE**	**Project dealing with EQ 1.3, i.e. adoption of shared models of knowledge exchange	Regenerative Medicine Therapies
	CATTEDRA**	**Project dealing with EQ 1.3, i.e. adoption of shared models of	Innovative diagnosis of rare diseases in pediatrics

		knowledge exchange	
	IMMUNO-CLUSTER*	*Project dealing with EQ 1.2, i.e. establishing stable clusters or networks	Cluster on immunology
	IMBI**	**Project dealing with EQ 1.3, i.e. adoption of shared models of knowledge exchange	Diagnosis of prosthetic infections in orthopedics with innovative methods based on the use of bacteriophages
	ISE-EMH*	*Project dealing with EQ 1.2, i.e. establishing stable clusters or networks	Italian-Slovene ecosystem for electronic and mobile health
	TRAIN* Related to Digital transformation (Ref. EU Green Deal)	*Project dealing with EQ 1.2, i.e. establishing stable clusters or networks	Big Data and disease models: a cross-border platform of validated kits for the biotech industry
	TRANGLIOMA**	**Project dealing with EQ 1.3, i.e. adoption of shared models of knowledge exchange	New glioblastoma therapies via a translational cross-border research platform
BUILDING	CONSTRAIN**	**Project dealing with EQ 1.3, i.e. adoption of shared models of knowledge exchange	Innovative strategies for seismic protection of masonry buildings
	DuraSoft** Related to Sustainable final products and services (Ref. EU Green Deal)	**Project dealing with EQ 1.3, i.e. adoption of shared models of knowledge exchange	Innovative technologies to improve the durability of traditional wooden structures in socio-ecologically sensitive environments
CREATIVE INDUSTRIES	DIVA* Strategic project	*Project dealing with EQ 1.2, i.e. establishing stable clusters or networks	Ecosystems and innovation value chains to support cross-border innovation through Creative Industries
AGRICULTURE/FISHERIES	FISH-AGRO-TECH** Related to Sustainable farming practices and ICT (Ref. EU Green Deal)	**Project dealing with EQ 1.3, i.e. adoption of shared models of knowledge exchange Project dealing with "Farm to Fork" Cfr. Section 6.1 of this report	Cross-border investment and innovation

	SUSGRAPE** Related to Sustainable farming practices and ICT (Ref. EU Green Deal)	Project dealing with adoption of shared models of knowledge exchange Project dealing with “Farm to Fork” Cfr. Section 6.1 of this report	Promoting sustainable viticulture through ICT in the Italy-Slovenia cross-border areas
NANOTECHNOLOGY	NANO-REGION* Strategic project	Project establishing stable clusters or networks	Open network for innovation through nanotechnologies
MOBILITY	TechMOlogy**	Project dealing with adoption of shared models of knowledge exchange	New technologies and cross-border networks for mobility
SOLUTIONS FOR SMEs	BioApp*	Project establishing stable clusters or networks	Transregional platform for the transfer of technological biopolymers from research to the market
	CAB**	Project dealing with adoption of shared models of knowledge exchange	Cross-border business accelerator for Smart Specialization Strategies
	NUVOLAK 2		Innovative marketing tools for the global competitiveness of the SMEs in the cross-border area

Table 5: Priority Axis 1 projects and suggested sub-groups (*=Project dealing with EQ 1.2, **=Project dealing with EQ 1.3, grey= Project dealing with “Farm to Fork”)

The majority of the projects are related to the health sector, tackling regenerative therapies, innovative diagnosis in pediatrics, immunology, prosthetic infections, electronic and mobile health applications, big data applications in biotech and new glioblastoma therapies. There are two projects addressing masonry and wooden buildings; other projects refer to creative industries, agriculture and fisheries, nanotechnology, new technologies in mobility and possibilities for SMEs. Two of the above listed projects (marked in grey) are related to other Farm to fork strategy and they are analysed more in detail in a dedicated section 6.1. of this report. Only some sub-topics are in line with the EU Green Deal.

Some of the projects under Priority Axis 1 also contributed to **equality**: women in the TRANSLIOMA project played an important role, four of six partners had women coordinating research and innovation activities.

The results of the following projects are **in line with the priorities of the 2021-2027 programming period.**

The project TRAIN worked on screening, machine learning and “big data processing”, combined to improve the diagnosis and therapy of various pathologies. In FishAgroTech:

companies, organizations, institutions, promoters and developers of innovation have been involved at cross-border level through seminars B2B-R2B events and individual meetings to improve the fisheries and agriculture sectors. The **SUSGRAPE** project created a decision support system with 42 monitoring stations and a dedicated project platform for forecasting in vineyards.

In the first thematic evaluation report on ITI performance¹ several other aspects concerning **health** services were described, such as: the history of cooperation in the health sector, some concrete examples of cooperation on health within the Interreg Italy-Slovenia Programme in two Programming periods (over-arching the years 2007-2020), the application of EU Directive 2011/24 on patient mobility on EU level and its potential on cross-border level, the possibility to book health-care services (CUP-common booking center), the highlights on the cross-border health care working groups (established within the ITI project on Health) and joint actions in times of COVID-19 sanitary crisis. All those aspects testify of an increasing number and intensity of collaborations transforming into joint policy-making and shared approaches.

It needs to be mentioned that in the framework of the Annual event hosted at the premises of the Info point in Štanjel in year 2019, there was a meeting of all the projects working on the topic of health. The participants of the **thematic table in the field of health** came to the following conclusions, which are worth mentioning herein:

- More professional support and better and faster responsiveness of decision-makers would be urgently needed, which would also significantly help to strengthen institutional cooperation capacity;
- Some project outputs, such as guidelines for the treatment of migrant women are to be spread and better disseminated;
- Guidelines for the rehabilitation of patients after a stroke or a cross-border model of the whole and the individual personalized care for the elderly can be transferred from one functional area to another;
- Achieving synergies between projects across different cross-border programs that cover the same area is needed, the challenge of transferring project results to other functional areas still remains;
- The results of the projects should be disseminated to the expert public and policy makers jointly;
- Public authorities and key decision makers should be encouraged to use what has already been achieved - results and good practices also in other functional areas or at national level.

The above conclusions are a good basis for capitalization in the new 2021-27 programming period.

¹ Available on the Interreg Italy-Slovenia Programme website, https://www.ita-slo.eu/sites/default/files/THEMATIC_REPORT_ITI_%20FINAL.PDF

4.1.2 Priority Axis 1 evaluation questions

Evaluation Question

EQ.1.2. Have stable clusters or networks been established among different actors?



Answer

Formally were created:

- **one cluster** (IMMUNO-CLUSTER),
- **two ecosystems** (for electronic and mobile health applications in ISE-EMH and the one on creative industries in the project DIVA),
- **one open network** (for innovation through nanotechnologies) and
- **two platforms** (platform of validated kits for the biotech industry in the project TRAIN and the one from the BioApp project).

In total **five projects** out of 17 projects of Priority Axis are considered here. They are marked with an asterisk in the Table 5. All other projects have worked on different aspects related to Priority Axis 1 that are also valuable but not focusing as much on the strictly networking-aspect but rather on other innovation-related aspects that are equally valuable.

Evaluation Question

Q.1.3. To what extent the CP supported the adoption of shared models of knowledge exchange?



Answer

Stemming from the Table 5, it is evident that shared models of knowledge exchange have been developed in nine projects, the majority under the health-related topics (ARTE, CATTEDRA, IMBI, TRANSGLIOMA) and others on the other PO1 topics (CONSTRAIN and DuraSoft; FISH-AGRO-TECH and SUSGRAPE; TechMOlogy). There was also one project dedicated to collaboration, taking into account smart specialization strategies (CAB). Hence, in total **ten projects** out of 17 projects of Priority Axis are considered under this evaluation question. They are marked with a double asterisk in the Table 5.

4.1.3 Priority Axis 1 potential for capitalization

Looking ahead, in the next programming period, the health sector is specifically mentioned in the Territorial and socio-economic Analysis², as being **essential service in the post-pandemic period**. The sector is undergoing several changes, with a shift from hospital care towards the local-based one. The shift is including all health specialties and even emergency and home and residential socio-health assistance. The desired change encompasses: providing more territorial services, promoting labor market initiatives to ensure sufficient and qualified staff in the sector, providing bilingual services in order to increase the accessibility of healthcare services and offering social-health services through technological solutions as telemedicine.

In the Territorial and socio-economic Analysis it is also underlined that the topics of **agri-food, ICT, creative industries and health (if we here just stay within the boundaries of Priority Axis 1) are shared topics for the smart specialization strategies of the cross-border area**. The desired change includes: promoting technological upgrade and improving technological transfer to SMEs, increasing and giving continuity to investments in R&D and applied research, strengthening cooperation between R&I centers and enterprises promoting the creation of cross border clusters and, last but not least important, promoting capitalization of R&I results achieved at regional level in a new integrated framework taking advantage of S3 shared priorities.

From the above there is a **potential for capitalization** in the health sector and in the sectors of masonry and wooden buildings; as well as in agriculture and fisheries. The projects related to masonry and wooden buildings could focus on the European Green Deal objective of improving building and restructuring. The projects in agriculture and fisheries could focus on the European Green Deal strategy “From Farm to fork”. More info is available in the dedicated chapter 6.1. of this report and in Annex I.

Going more into details, it can be mentioned that in **health projects** there is the need to provide more territorial services, promote labor market initiatives to ensure sufficient and qualified staff in the sector and provide bilingual services in order to increase the accessibility of healthcare services. As for telemedicine, it needs to be mentioned that there were some projects with this focus in the 2007-13 programming period (e.g. eCARDIONET, eSURGERYNET and eHEALTH from the 2007-13 and CROSS-CARE, MEMORI NET and INTEGRA from the 2014-20 programming period).³ Since health was a topic treated also by several Priority Axis 4 projects, the information provided under that Priority Axis needs to be considered too.

There are further elements, concerning the projects of Priority Axis 1 in two of the three annexed tables to this Report (Annex 1-Annex 3), focusing on project partners and outputs.

² Available on the Interreg Italy-Slovenia Programme website: https://www.ita-slo.eu/sites/default/files/TSE%20Analysis_FINAL02082021_PUBL.pdf

³ More information is available in the Evaluation report on ITI projects, in the section 6.2 (https://www.ita-slo.eu/sites/default/files/THEMATIC_REPORT_ITI_%20FINAL.PDF)

As for **agri-food, ICT, creative industries and health and research-innovation**, there is the need to promote technological upgrade and improve technological transfer to SMEs, increase and give continuity to investments in R&D and applied research, strengthen cooperation between R&I centers and enterprises promoting the creation of cross border clusters and promote capitalization of R&I results achieved at regional level in a new integrated framework taking advantage of S3 shared priorities.

Concerning the possibility of links with macro-regional strategies, the BIOApp project could be a good example to create synergies with EUSAIR.⁴

4.2.1 Evaluation on Priority Axis 2 with reference to listed Evaluation Questions

The projects under Priority Axis 2 can be grouped as follows:

SUB-TOPICS FOCUS (Ref. EU Green Deal)	PROJECT ACRONYM	Project content
Multimodal mobility	CROSSMOBY	Cross-border integrated transport planning and intermodal passenger transport services
Energy efficiency	Energy Care*	Energy efficiency of public buildings and sustainable mobility with community engagement
Energy Efficiency	LightingSolutions*	Innovative solutions for the energy efficient lighting of public buildings
Alternative to current mobility habits	MUSE	Cross-border collaboration for Energetically efficient Sustainable University Mobility
Clean, secure and accessible energy	SECAP*	Supporting energy and climate adaptation policies
Multimodal mobility	INTER BIKE II	Development of multimodal connections along the Adriabike cycling path
Alternative to current mobility habits	MobiTour	Sustainable mobility of cross-border coastal and hinterland tourist areas

Table 6: Priority Axis 2 projects and suggested sub-groups (*=Project dealing with EQ 2.2.)

All the sub-topics are clearly in line with the EU Green Deal objectives. SECAP and CROSSMOBY are strategic projects, the other are standard projects. The majority of the projects focus on mobility (with CROSSMOBY focusing on transport planning) and sustainable mobility (with INTERBIKE II and MobiTour, tackling sustainable mobility solutions and cycling). The projects focusing on energy efficiency were both addressing the public buildings which is a precursor of the more “energy saving and energy efficient public buildings” objective in the 2021-27 Programming period policies of the EU.

⁴ EUSAIR booklet of the Italian cohesion agency

Trying to wrap-up some important results on the projects under this Priority Axis: **MOBITOUR** project promoted a joint design of sustainable multimodal urban mobility models in the tourist areas of the cross-border area to **increase the use of alternative means of transport**. The **INTERBIKE II** project fostered **soft mobility** along the Adriabike cycling path. **LIGHTINGSOLUTIONS** project worked on improving the efficiency and energy management of public lighting, contributing to the **implementation of “smart-city” criteria**.⁵

Some of the projects under Priority Axis 2 also contributed to **equality**: **ENERGYCARE** with the actions of gender planning and training on the domestic budget aims at saving resources, women and family members were the main target group. Furthermore, the electric vehicles and innovative services of the **MOBITOUR** project were adapted for people with reduced mobility, senior citizens, young people and mothers with strollers.

Energy, climate change and sustainable development will be important also for the next programming period. The future projects, in line with the European Green Deal, **will need to focus on risk mapping, defining adaptation strategies to climate change**.⁶

4.2.2 Priority Axis 2 evaluation question

Evaluation Question

EQ2.2. To what extent has the CP supported the adoption of shared strategies for emissions reduction and green energies supply, involving public and private actors?



Answer

The shared strategies for emission reduction have been tackled in all seven Priority Axis 2 projects, in particular in the three projects dealing with different aspects of energy efficiency (they are marked with an asterisk). In addition, the four projects dealing with transport and sustainable mobility have contributed to the adoption of shared strategies for emission reduction by introducing new mobility options and promoting cross-border mobility with public transport, electrical vehicles or cycling.

4.2.3 Priority Axis 2 potential for capitalization

From the above, it is evidenced a potential for capitalization in the sustainable mobility, **developing cross-border walking and cycling paths** and in energy efficiency, adopting an

⁵ Second Extensive Evaluation Report, available on the Interreg Italy-Slovenia programme website https://www.ita-slo.eu/sites/default/files/2nd%20Extensive%20Report_31%20May%202019_clean.pdf

⁶ Territorial and socio-economic analysis(https://www.ita-slo.eu/sites/default/files/TSE%20Analysis_FINAL02082021_PUBL.pdf)

approach to create smart grids, support passive houses and further support energy efficiency in public buildings (schools, hospitals etc.).

Concerning the potential for capitalization of Priority Axis 2, in relation to the links with the macro-regional strategies, it can be mentioned that projects SECAP and INTERBIKE II could be interesting for synergies with EUSALP, for sustainability and transport and cut of emissions.

There are further elements, concerning the projects of Priority Axis 2 (PA 2) in Annex 3. There are no projects from this PA in the Annex 1 on Farm to Fork.

Useful mentioning for capitalization of the strategic project CROSSMOBY, labelled by the EUSAIR Transport subgroup as a project of macro-regional value in 2018 and included in the Annex regarding projects of macro-regional value to the Annual Progress Report of the TSG2 EUSAIR 2019.

4.3.1 Evaluation on Priority Axis 3 with reference to listed Evaluation Questions

The projects under Priority Axis 3 can be grouped as follows:

SUB-TOPICS FOCUS (Ref. EU Green Deal, if not applicable marked with /)	PROJECT ACRONYM	REFERENCE TO EVALUATION QUESTIONS & GREEN DEAL	Project content
Preserving biodiversity/Ecosystem preservation	Acquavitis*	*Project targeting EQ 3.2., i.e. protected and environmentally highly valuable areas	Innovative solutions for the efficient use of water in cross-border viticulture
From Farm to fork/Sustainable farming practices and ICT	AgriTour II	Project dealing with “Farm to Fork” Cfr. Section 6.1 of this report and EQ 3.6	Biodiversity improvement through innovative ecosystem management
From Farm to fork/Protection and preservation of biodiversity	BEE-DIVERSITY	Project dealing with “Farm to Fork” Cfr. Section 6.1 of this report	Biodiversity improvement through innovative ecosystem management and bee monitoring
From Farm to fork/Related to Green Agri-Food	BlueGrass	Project dealing with “Farm to Fork” Cfr. Section 6.1 of this report	To promote the development of a green agri-food industry through the introduction of the aquaponics
Preserving biodiversity	CONA*	*Project targeting EQ 3.2. and EQ 3.6	The improvement of the ecological status of the Corno river and the Isonzo river mouth in the Adriatic

Preserving biodiversity	ECO-SMART*	*Project targeting EQ 3.2. and EQ 3.6	ECO-SMART Market of Ecosystem services for an Advanced NATURA2K Area Protection Policy
Preserving biodiversity/ Related to Green infrastructure	ENGREEN*	*Project targeting EQ 3.2., i.e. protected and environmentally highly valuable areas	Strengthening of green infrastructures in IT-SI cross-border environment
Industry and circular economy/ Related to Green Technology	GREENHULL		Green technologies for ecological cleaning of biological incrustation on hulls in the Upper Adriatic
Preserving biodiversity/ Related to Green infrastructure	GREVISLIN*	*Project targeting EQ 3.2., i.e. protected and environmentally highly valuable areas	Green infrastructures for the conservation and improvement of the condition of habitats and protected species along the rivers
Preserving biodiversity/ Related to Green infrastructure	Isonzo-Soča*	*Project targeting EQ 3.2. and EQ 3.6	Isonzo-Soča Cross-border Park
From Farm to Fork	MEDS GARDEN	Project dealing with “Farm to Fork” Cfr. Section 6.1 of this report	An indigenous Mediterranean Garden and culinary art for the preservation of the typical regional identity
Industry and circular economy/ Related to Digital transformation	MerlinCV		Multisensorial experiences linked to the castles and villas of the cross-border region for excellence in tourism
Preserving biodiversity/ Natura2000 coverage	NAT2CARE*	*Project targeting EQ 3.2. and EQ 3.6	Engagement of Citizens for the Restoration and Conservation of cross-border N2K areas
/ TOURISM	PRIMIS		Multicultural journey between Italy and Slovenia through the prism of minorities
Industry and circular economy	RETRACKING		Towards the circular economy: traceability of manufactured products made from Fibre-Reinforced Composites
/ TOURISM	TARTINI		Cultural tourism under the banner of Giuseppe Tartini
Preserving biodiversity	TRETAMARA*	*Project targeting EQ 3.2., i.e. protected and environmentally	Trezze, Tegnue and marine environments of the upper Adriatic: management proposals

		highly valuable areas	
Preserving biodiversity	VISFRIM*	*Project targeting EQ 3.2., i.e. protected and environmentally highly valuable areas	Vipava/Vipacco and Other Transboundary River Basins Flood Risk Management
/ TOURISM	WalkOfPeace		The sustainable development of first world war heritage between the Alps and the Adriatic
Industry and circular economy	WASTE DESIGN**	**Project targeting EQ 3.6	Use of innovative green technologies for municipal waste collection and promotion of recycling culture

Table 7: Priority Axis 3 projects and suggested sub-groups (*=Project targeting EQ 3.2; **=Project targeting EQ 3.6; grey=Projects referring to “Farm to Fork”)

The majority of the sub-topics are in line with the EU Green Deal. A certain fragmentation in different subtopics can be observed. As seen from the above table, the majority of the projects under the Interreg Italy-Slovenia 2014-21 Programme were those under Priority Axis 3. This is a precursor of the green focus that was introduced with the EU Green Deal. Four of the above listed projects (marked in grey) are related to other Farm to fork strategy and they are analysed more in detail in a dedicated section of this report.

A series of projects **focusing on tourism and related topics** (cultural offer, cultural heritage) are the following. **MERLINC** chose castles and villas of the cross-border region to reach excellence in tourism. **PRIMIS** project partners worked together on tourism products through the prism of minorities. **TARTINI** focused on cultural tourism, promoting the musical cultural heritage of Giuseppe Tartini. **WalkOfPeace** got a prize as best Interreg project in year 2021 because of its focus on sustainable development of First World War heritage.

Other projects under Priority Axis 3, are presented here. They focused on **agriculture and fisheries, green technologies and waste collection and recycling**. **AgriTourII**, **BEE-DIVERSITY** and **BlueGrass** focused on Farm to fork strategy topics. The **GREENHULL** worked on green technologies in marine technologies. The project **WASTE DESIGN** developed innovative green technologies for municipal waste collection and promoted recycling.

Some of the projects under Priority Axis 3 also contributed to **equality**: the **TARTINI** project guaranteed access to the physical space for disabled people and a better use of the natural and cultural heritage as well as different tourist destinations, mainly by implementing and using digital technologies.

PRIMIS is the strategic project based on previous strategic project **JEZIK LINGUA** (2007-2013). It is very important for the involvement of both national minorities and linguistic minorities of the Programme area and therefore should be more valorized from the point of possible

capitalization, also inside the new 2021-27 Programme, as well as verifying potential intersections with the EUSALP macro-regional strategy.

In the 2021-27 Territorial and socio-economic Analysis⁷, basis for the strategic orientation of Italy-Slovenia Programme 2021-27, it is also underlined that the topic of sustainable tourism development (related to 2014-2020 Priority Axis 3) is a **shared topic for the smart specialization strategies of the cross-border area**. The desired changes in the future are, in short: introducing digitization, enhancing Green Infrastructures Networks and foster-shared approaches to manage and promote protected areas, capitalizing good results achieved in cooperation in the environmental field, promoting the cultural and linguistic minorities and cultural heritage via creative industries, implementing territorial development strategies linked to GO 2025 Nova Gorica.

4.3.2 Priority Axis 3 evaluation questions

Evaluation Question

EQ.3.2. What integrated project and tools were put in place to target protected and environmentally highly valuable areas?



Answer

There were 9 projects targeting protected and environmentally highly valuable areas (marked with an asterisk in the Table 7). **Acquavitis** chose vineyards for monitoring water-stress in Vipava valley, Karst area and Friuli and a series of irrigation and soil tillage experiments were implemented. The **CONA project** contributed to the chemical and physical conditions of the Corno river and the Isonzo river mouth in the Adriatic. **ECO-SMART** worked on ecosystem services for advanced NATURA2000 protection policies. Three projects: **ENGREEN**, **GREVISLIN** and **ISONZO-SOČA** worked on green infrastructures. **GREVISLIN** worked on mapping green infrastructure and focused on the Livenza, Vipava and Isonzo/Soča rivers. **ISONZO-SOČA** contributed to the creation of recreational infrastructure along the river. **NAT2CARE**, similarly to ECO-SMART, focused on engagement of citizens for the restoration and conservation of cross-border Natura2000 areas (also sharing and fine-tuning cross-border species monitoring and developing common monitoring protocols for fauna). **VISFRIM** project partners worked on the prevention of flood risk management. The **TRETAMARE** project implemented activities on the management plans for the Natura 2000 areas in Trezze, Tegne and marine environments of the upper Adriatic.

Evaluation Question

EQ.3.6. To what extent did the CP promote the capitalization of past experiences and the exchange of best practices?

⁷ https://www.ita-slo.eu/sites/default/files/TSE%20Analysis_FINAL02082021_PUBL.pdf



Answer

The capitalization of past experiences and the exchange of best practices has been promoted in projects like AgriTourII (a follow-up project, linked with AgriTour from the 2007-14 programming period), CONA and Isonzo-Soča projects. Other projects, those that promoted cooperation between Natura2000 areas (like **NAT2CARE** and **ECO-SMART**), as well as waste prevention and recycling activities (like **WASTE DESIGN**) were also already addressed in the past. **There was an exchange of best practices in river management, flood risk management, green infrastructure, protection of the environment in industry, water quality, saving water in agriculture.** Many projects combine the safeguarding of cultural heritage, natural heritage and nature protection, creating new opportunities for **sustainable tourism.**

4.3.3 Priority Axis 3 potential for capitalization

For sustainable tourism development, there is the need to introduce more digitization, enhance Green Infrastructures Networks, foster-shared approaches to manage and promote protected areas, promote the cultural and linguistic minorities and cultural heritage via creative industries, and implement territorial development strategies linked to GO 2025 Nova Gorica.

Compared to the EU objectives for the 2021-2027 programming period, there is still space for **protection of forests and implementing re-forestation**, also following the significant climate change extreme weather events and forest fires that affected the area of the Programme. This is even more important after summer 2022, when there was an extended natural disaster-long and impacting forest fire, on the cross-border Karst Plateau area, which caused the burning of 2902 hectares of forest. In addition to the negative economic effect, the fire left an enormous damage to biodiversity. This aspect, along with other similar natural hazards due to climate change, should be kept in mind also for capitalization activities of the Programme, to support a re-forestation and restoration of biodiversity on the Karst Plateau. The area will be benefitting in the 2021-27 period from the strategic project KRAS CARSO II, which is working on the UNESCO registration of the Karst geopark.

Other activities for the prevention of toxic waste and reaching the EU “**zero pollution ambition**” (for soil, water and air), could be an interesting capitalization and up-grade potential for some of the approved projects.

There are further elements, concerning the projects of Priority Axis 3 in two of the three annexed tables to this Report (Annex 1-Annex 3).

From this Priority Axis, the project PRIMIS could be a good project to create synergies with EUSALP and the projects TRETAMARA and GREENHULL for synergies with EUSAIR.⁸

⁸ EUSAIR booklet of the Italian cohesion agency.

It has to be mentioned as well that strategic project VISFRIM participated twice in EUSAIR events within Environmental pillar.

4.4.1 Evaluation on Priority Axis 4 with reference to listed Evaluation Questions

The projects under Priority Axis 4 can be grouped as follows:

SUB-TOPICS FOCUS (Ref. EU Green Deal, if not applicable marked with /)	PROJECT ACRONYM	REFERENCE TO EVALUATION QUESTIONS & GREEN DEAL	Project content
/HEALTH	C3B		Cross-border platform for efficient management of biobanks
/LEARNING AND EDUCATION	CB-WBL		Italian-Slovenian alliance for cross-border work-based learning
Multimodal mobility	CLEAN BERTH	Project dealing with "Farm to Fork" Cfr. Section 6.1 of this report	Cross-border institutional cooperation for ports environmental sustainability and energy efficiency
/HEALTH	CrossCare		An integrated cross-border approach to healthcare for the elderly
/SECURITY	CROSSIT SAFER Strategic project		Cross-border cooperation between Slovenia and Italy for a safer region
/EDUCATION	EDUKA2		Cross-border governance of education
Multimodal mobility	FORTIS	Project dealing with "Farm to Fork" Cfr. Section 6.1 of this report	Strengthening institutional cooperation in the cross-border area through innovative solutions in public transport and civil motorization procedures
Preserving biodiversity	GeoKarst	Project dealing with "Farm to Fork" Cfr. Section 6.1 of this report	Establishment of the Cross-border Geopark on the Karst
/SPATIAL PLANNING	HARMO-DATA		Harmonisation of data for cross-border land management
/SOCIAL INTEGRATION	INTEGRA		A cross-border network for migrant women: social

			integration, and sexual and reproductive health
/HEALTH	MEMORI-net		Network for the Post-Stroke recovery of Mental and Motor Functions
/HEALTH	NEX AID		Cross-border network on health emergency systems and management of maxi emergencies
/HEALTH	SALUTE-ZDRAVSTVO		Construction of a network of cross-border health services
Multimodal mobility and security	SECNET	Project dealing with “Farm to Fork” Cfr. Section 6.1 of this report	SECNET: Cross-border institutional cooperation for the improvement of port security

Table 8: Priority Axis 4 projects and suggested sub-groups (grey=projects responding to “Farm to Fork”)

Some of the sub-topics are in line with the EU Green Deal, four of the above listed projects (marked in grey) relate to it directly. It can be observed that there is a certain fragmentation in different subtopics. An important part of the above projects is dedicated to health, mobility and learning-education. Others focus on security, preservation of biodiversity, spatial planning and social integration.

Some of the projects under Priority Axis 4 also contributed to **equality**: **CROSSCARE** project devoted actions to guarantee equal opportunities for the elderly at risk of social exclusion. Women had an active and decisive role in the implementation of the **EDUKA2** project, as they were one of the most addressed target groups. The **INTEGRA** project addressed the problem of traditional cultural practices and restrictions detrimental to women's freedom and health, defining health care protocols and offering empowerment to migrant women. The **MEMORI-net** project showed special attention to gender medicine, which especially in the cerebrovascular field and in pain, sensitivity is still particularly lacking in health risk markers for women.

All 14 Priority Axis 4 projects are in line with the evaluation question (EQ) 4.2.

4.4.2 Priority Axis 4 evaluation questions

Evaluation Question

EQ4.2. - Have shared processes concerning regulatory frameworks, functional networks, common structures, coordination of policies and investments, governance models been developed?



Answer

Shared processes concerning regulatory frameworks, functional networks, common structures, coordination of policies and investments, governance models have been developed in **all 14 Priority Axis 4 projects**. In the 2014-20 programming period, numerous agreements were signed (e.g., on harmonization of territorial data, social and sanitary services for elderly, medical diagnostics, management of sanitary emergencies, port security to strengthen cooperation, energy efficiency in port areas, and environmental sustainability, on cross-border mobility opportunities and public transport availability on cross-border level). The wish for the next programming period is for those to be valorized and capitalized.

4.4.3 Priority Axis 4 potential for capitalization

There is the need to capitalize the good results achieved and **including more municipalities, ministries, and NGOs**; fostering **administrative simplification** in the whole cycle of policymaking and focusing on the **needs of the population and enlarge participation and involvement to other actors** (NGOs, third sector, environmental, cultural, and social associations, actors able to promote and develop public-private partnerships).⁹

Compared to the EU objectives for the 2021-2027 programming period, there is still space for other projects on **social integration** involving NGOs, third sector, environmental, cultural, and social associations and actors able to promote and develop public-private partnerships. There is also the need to continue the work on **administrative simplification** in procedures that affect the daily life of the inhabitants in the cross-border area.

There are further elements, concerning the projects of Priority Axis 4 in two of the three annexed tables to this Report (Annex 1-Annex 3).

From this Priority Axis, the project CROSSCARE could be a good project to create synergies with EUSALP and CLEAN BERTH for EUSAIR.¹⁰

5. Analysis of indicators

The analysis of the indicators represents an important part of each evaluation process. Certainly, the analysis made in the Second Report was a mid-term one, still enabling further programme choices.

In this phase of the Programme life cycle, being in its last mile, the analysis of the indicators has the ability to take a closer look at the achievement (or not) of the expected outputs that have been set from the beginning of the programming period and during the implementation of the Programme itself.

⁹ Territorial and socio-economic analysis

¹⁰ For the last project: cfr. EUSAIR booklet of the Italian cohesion agency.

The analysis therefore allows us to understand if the Programme has already been able, or may be within a year, of reaching or at least approaching the reference target values.

Please note that the table of output indicators is available under Annex II to this Report.

As regards the indicators selected for Axis 1, the target values were all met already in advance of the expected deadlines. The two common indicators CO42 “Number of research institutes joining cross border, transnational or interregional research projects” and CO26 “Number of enterprises cooperating with research institutes” already met their 2023 target values in 2021, meaning two years in advance. The same consideration is also valid for indicator 1.1.1 “Number of innovative services, products and instruments transferred to enterprises”. The contributions to the two indicators CO42 and CO26 stem from the partners in the projects (either directly involved or engaged via technology parks and incubators). The 17 projects under this Priority Axes were focusing on 17 different innovative services, products and tools. There were additional spin-off solutions created e.g. in the project CAB (20 companies which had access to cross-border packages), DIVA (with 21 selected pilot projects for cross-border innovation in creative industries), FishAgroTech (4 projects of cross-border interest) etc. More pieces of information about achievements of PA1 projects are available in the Annex 3.

The indicators of Axis 2, on the other hand, show a more complex situation, which describes a different outcome for the two values considered. In fact, indicator 2.1.1 “Number of actions for the reduction of public buildings annual primary energy consumption” shows a value quite distant from the threshold in 2021, with a target value of 25 in 2023 that it is believed to be able to approach, but not reach the foreseen target. This indicator is linked mainly with the achievements by three projects: Energy Care (with 3 pilot areas), LightingSolutions (six pilot applications) and, last but not least important, SECAP project (including a wide range of municipalities in Italy and Slovenia with the coordination of energy agencies and environmental agencies, as well as municipalities).

Indicator 2.1.2 “Pilot actions for innovative services for a low-carbon emissions smart mobility”, on the other hand, already amply satisfies the target value for 2023 with the standard projects of 2019, meaning that the achievement was obtained three years in advance. This indicator is linked primarily with the 5 projects: CrossMoby, Interbike II, MOBITour, MUSE and partly SECAP project. More pieces of information about achievements of PA2 projects are available in the dedicated space, in the Annex 3 to this report.

Looking at the detailed system of 10 indicators selected and defined for Axis 3, it should be emphasized that - beyond the indicators already satisfied -the forecasts for achieving the 2023 targets are all positive.

Indicator 3.1.2 “Km of completed cycling routes” was already satisfied in 2021, while indicators 3.1.1 “Number of realized investments or services/products created to support conservation /restore natural or cultural heritage sites” and CO09 “Increase of visits to cultural and natural heritage sites, attractions co-financed (common indicator)” show values in 2021 that are close to the targets but still do not reach it, with forecasts of satisfaction and exceeding those target in 2023. All three of these indicators, lagging behind the target as a result of the standard and ITI projects, were positively impacted by the results of strategic projects in year 2019. It is hence worth counter-checking the reached outputs of GREVISLIN, MERLINcv and VISFRIM under Annex 3 to this report.

The CO23 “Surface of habitats co-financed to obtain a better status of conservation” and 3.2.3 “Participants to educational and promotional events” indicators show the achievement

of the final target already in year 2021. Going into even more detail, the CO23 indicator amply satisfies the final target already with the standard 2019 projects, while the 3.2.3 indicator reaches this target with the fundamental contribution of the standard Call 7 projects.

Taking into account indicators 3.2.1 “Instruments and services developed for the evaluation and promotion of eco-systemic services” and 3.2.2 “Cross-border Pilot actions supporting biodiversity”, the situation is different. Indicator 3.2.1 presents values close to the final target in year 2019, with target satisfaction forecast for 2023. Indicator 3.2.2, on the other hand, remains significantly behind schedule and only forecasts of satisfactory implementation of projects under Call 7 make it possible to envisage reaching the target by 2023.

Continuing with the analysis of the Axis 3 indicators, indicators 3.3.1 “Number of tested and implemented innovative green technologies” and 3.3.2 “Number of companies applying new or innovative ecological solutions” are highlighted. For both indicators, the values reached by 2021 show a delay, although the estimated impact of the standard projects under Call 7 shows the possibility of reaching and exceeding the final target in 2023. Projects like Acquavitis, BlueGrass and GREENHULL contributed to these two indicators.

As regards the CO20 indicator “Population that is benefitting of protection measures preventing floods”, the figure for 2021 shows a very significant delay compared to the final target. The forecast relating to the implementation of 2019 strategic projects indicates a very high value, capable of bridging the current gap and allowing the satisfaction of the targets by 2023, even exceeding it by 30 times. Here, there was an important contribution by the GREVISLIN (working on green infrastructure) and VISFRIM (on Vipacco/Vipava river stream and other river basins) project. Project CONA also allowed for a contribution on this topic (working on Corno/Koren and Isonzo/Soča water-flow).

There is a different picture in the indicators of Axis 4. All four indicators referring to this Axis, in fact, show values that met the final target already in year 2021, again 2 years in advance.

More in detail, indicators 4.1.2 “Common solutions that increase integration, cohesion, harmonization of governance in the Programme area (shared policies, legal framework or rules, common strategic documents, e-government instruments, etc.)” and 4.1.3 “Number of beneficiaries participating to common trainings” already reach and exceed the 2023 final target with the contribution of the 2019 standard projects. 14 project have been approved under PA14, 5 of them focusing on common social and health-related solutions (C3B, CROSS CARE, INTEGRA, MEMORI NET, NEX AID and ITI project Salute/Zdravstvo), 2 on learning and education (EDUKA2, CB_WBL. Two were dedicated to ports: environmental sustainability and energy efficiency of ports (CLEAN BERTH) and cooperation among ports (SECNET). The other 5 are covering safety issues and cooperation of civil protection (CROSSIT SAFER), public transport and motorization procedures (FORTIS), harmonisation of spatial planning (HARMO DATA), environmental protection and green tourism stimulation (GeoKarst).

Even indicators 4.1.4 “Number of cross-border health-care teams trained and operational” and 4.1.1 “Signed Cross-border protocols and agreements” have never presented values that were particularly lagging behind the reference targets, then reaching the final target 2023 with the contribution of the standard and ITI 2019 projects. There was a significant contribution from all the 5 above mentioned projects on health and social matters (C3B, CROSS CARE, INTEGRA, MEMORI NET, NEX AID and ITI project Salute/Zdravstvo), the ITI project developed cross-border activities and agreements in the field of mental health,

autism, physiological pregnancy and social inclusion. More information on concrete outputs is presented in the Annex 3 to this report.

From the above, we can say that there is quite a varied situation, there was a good part of indicators that reached the target 2 years in advance and even some that went well over the expected values (e.g. CO20 indicator “Population that is benefitting of protection measures preventing floods”, that was 30 times higher than initially foreseen). There are still indicators that did not reach the set targets but there are signs that the majority of targets should be met by the end of year 2023, with the progressive conclusion of project activities and reaching of project results. A more detailed analysis will be included in the EX-post report.

6. Focused analysis of projects fitting under the “From Farm to Fork strategy”

6.1 The objectives of the “Farm to fork Strategy”

Food systems nowadays account for nearly one-third of global GHG emissions, consume large amounts of natural resources (water and other), result in biodiversity loss and negative health impacts (due to both under- and over-nutrition) and do not allow fair economic returns and livelihoods for all actors, in particular for single agriculture producers or companies in the agriculture sector. These are the reasons why the “Farm to fork strategy” was developed in the EU. The “Farm to Fork Strategy” is a building block of the European Green Deal. Its objective is to make food systems fair, healthy and environment-friendly. One of the potential outcomes of the application of a specific strategy to the food system is a better resilience to crises such as the COVID-19 pandemic.

Making food systems more sustainable also brings new opportunities for companies in the food value chain. Innovative technologies and scientific discoveries, combined with increasing public awareness and demand for sustainable food, will benefit all stakeholders and the consumers.

The “Farm to Fork Strategy” aims to accelerate the transition to a sustainable food system that should:

- have a neutral or positive environmental impact;
- help to mitigate climate change and adapt to its impacts;
- reverse the loss of biodiversity;
- ensure food security, nutrition and public health, making sure that everyone has access to sufficient, safe, nutritious, sustainable food;
- preserve affordability of food while generating fairer economic returns, fostering competitiveness of the EU supply sector and promoting fair trade.¹¹

¹¹ https://food.ec.europa.eu/horizontal-topics/farm-fork-strategy_en

6.2 The Interreg Italy-Slovenia projects fitting the “Farm to fork Strategy”

Seven Interreg Italy-Slovenia 2014-2021 Programme projects fit under the “Farm-to-fork” strategy, as displayed in Table 9 below.

INTERREG ITALY-SLOVENIA PROJECTS FITTING THE FARM TO FORK STRATEGY			
PROJECT	Priority Axes	SUB-TOPIC RELATION	Project short description
FISH-AGRO-TECH	PO 1	Protection and preservation of biodiversity and innovation	Agriculture/Fisheries: Cross-border investment and innovation
SUSGRAPE	PO1	Protection and preservation of biodiversity and innovation	Promoting sustainable viticulture through ICT
Acquavitis	PO3	Protection and preservation of biodiversity and innovation	Innovative solutions for the efficient use of water in cross-border viticulture
AGROTUR II	PO3	Sustainable farming practices and ICT	Sustainable agriculture and tourism development in the cross-border Karst region
BEE-DIVERSITY	PO3	Protection and preservation of biodiversity	Biodiversity improvement through innovative ecosystem management and bee monitoring
Blue Grass	PO3	Green Agri-Food	To promote the development of a green agri-food industry through the introduction of the aquaponics
MEDSGARDEN	PO3	“Farm to fork Strategy” in general	An indigenous Mediterranean Garden and culinary art for the preservation of the typical regional identity
GeoKarst	PO4	Preserving biodiversity in general	Establishment of the cross-border geopark on the Karst

Table 9: Interreg Italy-Slovenia 2014-21 projects that fit under the Farm to Fork Strategy

It can be observed that some of the project fit in more than one sub-topic. Projects fitting the Farm to Fork Strategy have been approved under three Priority Axes and they are all standard projects: there are two projects approved under Priority Axes 1 (FISH-AGRO-TECH and SUSGRAPE), five under Priority Axes 3 (Aquavitis, Agrotour II, BEE-DIVERSITY, Blue Grass, MEDSGARDEN) and one project under the Priority Axes 4 (GeoKarst). None of the projects is related to Priority Axes 2.

It can be mentioned that there is a certain fragmentation in different subtopics, there is certainly a focus on the protection and preservation of biodiversity, which is a pre-requisite for sound agriculture. Two projects are counted under that, BEE-DIVERSITY and FISH-AGRO-

TECH. Three of the projects have a clear relation to innovation and application of ICT (FISH-AGRO TECH, SUSGRAPE, Acquavitis) which could be considered horizontal topics. Two projects are related to the Farm to fork strategy in general (MEDSGARDEN and GeoKarst).

Content-wise, there was a strong focus on viticulture, on the agriculture (even in connection with fishing which is a precursor of the more “marine and maritime approach” present in the 2021-27 Programming period in the European Union) and a better use of water (drip-irrigation/aquaponics).

A more detailed analysis on these 7 projects are presented in Annex 1 to this report, including some details on the outputs of each single project.

Going back to the aims of the Farm to fork strategy, we can notice that the above listed projects respond to the challenge of accelerating the transition to a sustainable food system that should:

- help to mitigate climate change and adapt to its impacts (with projects like Acquavitis and Blue Grass);
- reverse the loss of biodiversity (BEE-DIVERSITY);
- ensure food security, nutrition and public health, making sure that everyone has access to sufficient, safe, nutritious, sustainable food (AGROTOUR II, FISH-AGRO-TECH, Blue Grass, SUSGRAPE)¹²

6.3 Farm to fork strategy projects - potential for capitalization

Stemming from the analysis in the previous sub-chapter, there is still potential for projects that: have a neutral or positive environmental impact and those that preserve affordability of food while generating fairer economic returns, fostering competitiveness of the EU supply sector and promoting fair trade.

Considering the potential to create synergies with EUSALP, taking into account the examples presented in the previous Thematic Report regarding European Green Deal, many projects could be mentioned. In terms of sustainable mobility, the SaMBa and MELINDA Alpine Space projects are representative as they focus on passenger behavior by studying how people can be motivated to switch to sustainable means of transport. In addition, two Alpine Space projects have already directly contributed to the topic of the circular economy: GREENCYCLE and CYRCULAR 4.0. In the field of clean energy solutions, two Alpine Space Programme/EUSALP projects were also proposed: AlpGrid and BB-clean.

7. Evaluation of the general Programme performance with reference to listed Evaluation Questions

The first steps towards capitalization have been made within the Programme for some more mature topics, with the support of Interact (e.g. to be underlined the joint efforts made in this sense by projects financed under PA 2 or following 2019 Annual Event). The Programme might increase capitalization activities and synergies also with other Interreg programmes and macro-regional strategies in the programming of the 2021-2027 activities.

¹² https://food.ec.europa.eu/horizontal-topics/farm-fork-strategy_en

The cross-border area is included in both EUSAIR and EUSALP macro-regional strategies. The program for the period 2021-2027 will have to be coordinated with the existing priorities within the EUSALP and EUSAIR macro-regional strategies in order to create synergies with regular projects and their flagship projects.

Several possible synergies can be envisaged with the EUSALP strategy: from a focus on remote and rural areas to water, soil and river management, and from a focus on youth and the elderly to quality of life for citizens. Other topics with potential for cross-border Italy-Slovenia application could be the energy transition, sustainable mobility, digital innovation, natural risk management. The 2014-20 programme offered good examples of projects implemented on these themes that could be further capitalized, such as CROSSCARE, SECAP, INTERBIKE II and PRIMIS.

Within the EUSAIR Flagship Booklets some Italy-Slovenia projects of the 2014-20 Programme were identified as coherent with the strategic 21 projects of EUSAIR pillars, and namely BIOAPP and GREENHULL for Pillar 1, CLEAN BERTH for Pillar 2, TETRAMARA for Pillar 3 (EUSAIR Flagship Booklets).

In addition, as already mentioned in previous evaluation reports, there have already been examples of Italy-Slovene cross-border projects that have been highlighted as good projects for the Adrion programme (e.g. CrossMoby, InterBike and Lighting Solutions projects), and cooperation with Adrion Programme could be strengthened.

For both macro-regional strategies, the involvement of youth is extremely important. EUSAIR recognizes initiatives related to the Youth Manifesto Mladi POPRI - a concept developed by the Primorski Technological Park as being an interesting example of youth inclusion and participation. Two Alpine Space projects that also focus on young people, GaYA and YOUrALPS, could also be considered as well.

8. Conclusions

Table 12. Resume of recommendations, comparison with the 1st and 2nd Extensive evaluation report and Third Report Findings

Topic	First Report Recommendations (I Report covers the period Dec 2015-July 2017)	Follow up of Second Report and Recommendations (recommendations are highlighted in bold) (II Report covers the period Aug 2017-Dec 2018)	Third Report Findings
Programme management	<p>Programme management structures must continue to satisfy all the requirements according to the Common Provision Regulation (EU) No 1303/2013, particularly in terms of adequate capacities and staffing.</p> <p>Decision making processes must continue to be clear and transparent.</p>	<p>Programme implementation (preparation, approval and launching of two calls for strategic projects - call n. 5/2018 and call n.6/2018 - and preparation and approval of the last call for standard projects - call n. 7/2019) proved to keep complying with all the requirements according to the Common Provision Regulation (EU) No 1303/2013, also in terms of clarity and transparency (3 MCs, 11 written procedures, Working groups, bilateral group meetings for call 7/2019).</p>	<p>The Programme management structure stood the test of Covid-19: projects continued implementing their activities (as much as possible, depending on the restrictive measures). The Programme and the projects continued their work online or in hybrid mode.</p> <p>There were even new specific activities (as those in the ITI Health, focusing on Covid 19).</p>
	<p>Effectiveness of procedures, mostly those involving stakeholders and beneficiaries, must be fine-tuned with the timing of Programme implementation, in order to avoid delays.</p>	<p>The IT system is still representing the main issue to be managed by the Programme, affecting the reporting of standard projects, the first level control system, as well the second level control, the system does not guarantee the audit trail in general the timely delivery of services and information. Improvement is needed.</p> <p>In order to avoid delays, lengthy reporting and any misunderstanding, the Programme granted a specific guidance to project partners by organising one-to-one meetings right after</p>	<p>The procedures in this last period shall focus on the closure of the projects and successful gathering of pieces of information on the project results.</p> <p>In view of the new Programming period, capacity building action to support the understanding and dissemination of practices fostering effectiveness (e.g. simplified cost</p>

		<p>approval, at the start of the project implementation. Dedicated workshops on the use of the on line reporting system were organized, targeting the beneficiaries. Improvement must be realised in the progress of Programme implementation.</p> <p>Capacity building action to support the understanding and dissemination of practices fostering effectiveness (e.g. simplified cost options) is to be considered appropriate and recommended.</p>	<p>options) is to be considered appropriate and recommended.</p>
<p>Progress of programme implementation</p>	<p>Indicators system must be checked when requested/allowed to support the efficient monitoring of the Programme.</p> <p>A deeper reasoning should be done about milestones and target values for 2018 and 2023. As outcome of the first standard call, in some cases it seems to be a relevant disproportion among some of the targets and the capacity of the current projects to reach them, even in a future perspective. Tools and procedures must continue in the effort of reducing the administrative burden of applicants and beneficiaries, fine-tuning online procedures. Decision making/selection procedures must be optimised in order to avoid delays or time extensions in the granting of resources. Future calls must focus on those targets and indicators that need a stronger effort to be satisfied/reached.</p>	<p>In the process of preparation and adoption of the last call for standard projects, a specific effort has been made on indicators, in the light of reducing gaps with final targets, following a specific gap analysis.</p> <p>In the process of defining and approving the calls, the Monitoring Committee has progressively focused on the contribution of co-financed activities to indicators. A process of increasing focus, however, that went hand in hand with the reduction of available resources. This has meant that many resources have been committed and expenses with less impact on the indicators and that the residual resources must necessarily be much more targeted towards those indicators.</p> <p>The Programme should have been more demanding before.</p> <p>Gap analysis on indicators shows an overall gaps reduction & tackling. It is therefore recommended to monitor the follow-up of current and future projects regarding their</p>	<p>There was a good part of indicators that reached the target two years in advance and even some that went well over the expected values (e.g. CO20 “Population that is benefitting of protection measures preventing floods”, CO26 Number of enterprises cooperating with research institutions, CO42 Number of research institutions participating in cross-border, transnational or interregional research projects, CO09 Increase in expected number of visits to supported sites of cultural and natural heritage and attractions, CO23 Surface area of habitats supported in order to attain a better conservation status).</p>

		focus on indicators.	
	Decision making/selection criteria and procedures must continue to be clear and transparent, with a regular update of the information channels. Articulation and complexity of selection procedures can be simplified, even with the objectives of avoiding delays, keeping the same quality level.	Assessment procedure has been revised to meet recommendations asking for simplification and time reduction.	In this final phase of the programming period, it is necessary to capitalize on good practices and to consider the critical issues in view of the new Cooperation Programme. Transparency, reliability and simplification of procedures, on which progress has been made during the period, remain points of reference for the MA, partners and beneficiaries.
	Projects successfully meeting the quality requirements of the first call, which could not be eligible for the allocated funding, must be valorised as a good source of support to reach the indicators in an economic and timely manner.	The Programme adopted different solutions by publishing new calls.	All the experience accumulated has been considered in planning the initial implementation phase of 2021-27 Programming period with regard to strategic projects, ECOC 2025 related funds and especially to the first capitalisation call which addressed the concrete valuable outputs of 2014-2020 projects financed under the Programme. This is considered a best practice of continuity bridging two different programming periods.
Communication strategy	Programme communication must continue to ensure coherence with EU rationale and guidelines. Considering that communication	Compared to findings from the First Report, there was a positive step forward in the sense that the shift from the preparation phase to the mature phase was successfully obtained. The	The challenge in the closure phase is to actively promote the results of the closing and closed projects and planning measures to involve more all

	<p>competences and responsibilities are shared among different actors an efficient coordination must be put in place. Actions at local level in the Programme area must satisfy the high expectations of stakeholders, applicants and beneficiaries about the quality and frequency of meetings/events.</p>	<p>number of events for the stakeholders increased, the events were more focused on the stakeholders' needs. There is still potential to work on capitalisation activities and in targeted promotion on Programme's results and for specific groups (e.g. young public).</p>	<p>those stakeholders that were not involved sufficiently in the whole programming period, esp. watching over the active involvement of youth (because of the importance on cross-border and macro-regional level).</p> <p>It should be emphasized that for a significant period of time (about 2 years), the Programme has been implemented under Covid19 restrictions.</p> <p>Nevertheless, the Programme has led an intense work of "community building" and capitalization on various important topics for the future: e.g. on energy efficiency and low-carbon mobility (Axis 2), Health projects, Green Deal's-related projects (mainly Axis 3). This had an echo also at EU level. There were events within different editions of the EU week of cities and regions in Brussels and acknowledgment of flagship projects also at national level in Italy beside the well-known interaction with the European Macroregional Strategies, especially to EUSAIR.</p>
<p>Description of I.T.I. as for implementation</p>	<p>I.T.I. organisation and management must continue to ensure coherence with the EU regulations and guidelines, in the light of</p>	<p>The strongly innovative element is represented by the management structure. This pilot experience on IB governance is a</p>	<p>There was a strong improvement in the completion of the foreseen tasks in relation to the two ITI projects.</p>

<p>of principles included in the Programme</p>	<p>I.T.I. supporting the implementation of Programme. Result and output indicators appear not easy to be fully satisfied in a 2018 perspective, therefore need to be regularly monitored and eventually desirably revised.</p>	<p>unique case among Cooperation Programmes. Such a unicity does not allow comparisons and benchmarking and can be properly evaluated more in an outcome/final perspective than in output/medium term one. At the current implementation stage, ITI projects show patterns of improved cross border cooperation, which naturally need to evolve in stable dynamics. On the other hand, the sole beneficiary as a collector of extra resources from other sources seems still to be an objective to be reached. In this perspective, there are still open questions that need to be answered: if the IB governance of an ITI carried out by an EGTC is an effective management tool in the Cooperation Programme filling up also the linguistic gaps that could affect the results of joint activities.</p>	<p>Also in this respect the experience of the Programme served for a bridge into 2021-27 programme, as it foresees a dedicated allocation for cultural and tourist activities for the area of Gorizia and Nova Gorica enhancing the award of the area with the European Cultural Capital in 2025. The area covered by the ITI have always been very active into the Programme.</p> <p>The challenge for the future is to involve the other bordering areas that were less active in the past (the northern part of the programme area such as pre-Alpine Torre/Natisone valleys and Goreniska on the border between Slovenia and Italy).</p>
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Sources

European Green Deal

Sustainable Development Goals

Communication on the EU Biodiversity Strategy for 2030

SAM work on sustainable food systems

Eurobarometer October 2020: Making our food fit for the future - new trends and challenges

EUSAIR booklet of the Italian Cohesion Agency.

Factsheet on Farm to Fork Strategy

Factsheet on benefits for farmers

Second Extensive Evaluation Report, available on the Interreg Italy-Slovenia programme website

Programme website, section dedicated to approved projects

Territorial and socio-economic analysis for the Interreg Italy-Slovenia 2021-2027 Programme, available at https://www.ita-slo.eu/sites/default/files/TSE%20Analysis_FINAL02082021_PUBL.pdf

ANNEX 1

Table of correspondence between European Green Deal targets under the “Farm-to-Fork” strategy and Interreg Italy-Slovenia 2014-21 projects

The seven selected projects were subdivided, according to the previously cited EU Green Deal main targets and sub-targets for the “Farm-to-Fork” strategy.

European Green Deal: FROM FARM TO FORK STRATEGY			
Relation	Project	Activities	Some relevant results
Related to Protection and preservation of biodiversity and innovation	PA1 - FishAgroTech: Agriculture/Fisheries: Cross-border investment and innovation STANDARD PROJECT	Fishing - agriculture: cross border participation and innovation	<ul style="list-style-type: none"> The partnership concluded the mapping of needs for innovation expressed by fisheries - aquaculture and agriculture sectors companies and identified possible practical technological innovative solutions Companies, organizations, institutions, promoters and developers of innovation have been involved at cross-border level through seminars, B2B - R2B events and individual meetings, there were 3 research institutes involved, the most interesting meetings were those held with the Area Science Park in year 2019 70 companies/farmers/fishermen were involved in the activities of the project, dialogue was maintained over 13 focused events in the cross-border area 30 companies/farmers/fishermen were involved in innovative solutions verification, via match-making activities, tailor-made solutions were applied 3 Cross-border pilot actions implemented, such as the monitoring of under-water data (collaboration with Aries), meteo and other environmental observations of soil, water and chemicals (collaboration with Area Science Park) The project had to tackle the shift in generation (fishermen and farmers) and the decrease of fish stocks in the Adriatic. Even so, the partners successfully engaged the fisheries and agriculture community in all the organized events and matchmaking occasions that were proposed by the LAGs (LAG Carso, LAG Istre) or by coordinating bodies (FLAG GAC FVG). The joint innovative approach was welcomed by the stakeholders, the fact that the project listened to the stakeholders (correctly applying the CLLD principles) was appreciated and praised. <p>The potential upgrade of the project could be clustering activities, that were not possible during</p>

			Covid-times.
Related to Sustainable farming practices and ICT	PA1 - SUSGRAPE : Promoting sustainable viticulture through ICT in the Ita-Slo cross-border areas STANDARD PROJECT	Promoting sustainable viticulture through ICT in the ita-slo cross-border areas	<ul style="list-style-type: none"> The project created a Decision Support System (DSS) with the activation of 42 monitoring stations (18 in Collio/Brda and 24 on the Slovenian coast) and of the WiForAgriSUSGRAPE web platform. The platform displays phytopathological forecasting models against late blight and oidium for the areas of the Collio and the Slovenian coast, and tests on output in 4 experimental vineyards. It worked over two production years and the data collected allowed the possibility to create forecasts that are tailor-made to Collio/Brda and the Slovenian coast. The results showed even a 18% decrease of use of phytosanitary products over 1 season (and this way already working towards the objectives of the EU Green Deal-reducing chemicals and toxic products) A micro-biotic study on vine leaves was carried out to screen the bacterial collection - there was an important increase of competences in this matter by PP4 (a scientific publication and forecasting models were prepared, contributing to the body of science in this topic), There were also new collaborations, in particular between PP4 and PP% that had complementary tasks on the studies on the effectiveness of of phytosanitary products The 19 companies from the wine-growing sector that were involved in the project were satisfied with the activities and outcomes of the project, more eco-sustainability of the wine production and less use of phytosanitary products were achieved. There was also a strong sense of innovation, the latest technologies were applied to a “traditional” sector like wine-growing. This was coupled with the trainings offered to schools and university students, activity that sensibilized also the next generations to the topics of the project.
Protection and preservation of biodiversity and innovation	PA3 - Acquavitis : Innovative solutions for the efficient use of water in cross-border viticulture STANDARD PROJECT	Development and testing of joint innovative technologies and solutions for the safeguard and efficient use of water resources	<ul style="list-style-type: none"> The project aimed to contribute to sustainable agriculture through better management of water resources by adjusting the quantity, method and time of irrigation according to the real needs of the vine. The goal was pursued in four steps: Step 1- Setting up the web; Step 2 - Implementation of new methods for measuring the water stress of plants; Step 3 - Development of irrigation systems and definition of effective irrigation (drip irrigation); Step 4 - Knowledge transfer to farmers, students and researchers. The project developed new irrigation protocols, worked on the surface drip irrigation system and sub-surface drip irrigation. A new platform was developed that monitored the irrigation system. The final result of the project was reducing the usage of water from vulnerable sources (which is a benefit to the inhabitants, as well as for the companies in the agriculture sector/farmers.
Related to Sustainable farming practices and ICT	PA3- AgriTour II : Biodiversity improvement through innovative	Sustainable development of agriculture and tourism in the cross-border karst region (implementation of the e-Karst	<ul style="list-style-type: none"> The final phase of the project involved the setting up of the Center for the promotion of typical local products with a wine cellar of regional wines in the Štanjel Castle, contributing to the cross-border visibility of typical products

	ecosystem management and bee monitoring STANDARD PROJECT	application for monitoring the condition of vineyards, optimization of wine and ham production processes, creation of new itineraries along with promotion of local products)	<ul style="list-style-type: none"> Irrigation tests were conducted in two vineyards to assess the cost-benefit ratio Updates to the e-Karst application (https://e-karst.eu) were developed to monitor agrometeorological parameters and wine-growing technologies as well as to optimize and standardize technologies in the production of Terrano wine on the cross-border karst territory, the app also monitors the hydrological stress and parasites, the app contributed to standardization of typical products Monitoring of the quality of the Karst raw ham ("Kraški pršut"), produced from exemplary indigenous-bred-pigs In the quality control of Terrano, the activities contributed to the sustainable use of water and to the mapping of "green agri-tourism" establishments on cross-border level The activities on "Hotel dobrega terana" with an upgrade of the platform were performed, contributing to the slow tourism on the Karst A shift in paradigm was worked on: reducing the consumption of phytosanitary products (and this way already working towards the objectives of the EU Green Deal-reducing chemicals and toxic products) Electronic mapping of thematic itineraries and drafting of two brochures highlighting project results in relation to the improvement of the quality of Terrano wine and of Karst raw ham ("Kraški pršut") and tourist activity on the Karst. 5 new tourist itineraries on the Karst have been proposed, including natural and cultural heritage sites
Related to Protection and preservation of biodiversity	PA3 - BEE-DIVERSITY : Biodiversity improvement through innovative ecosystem management and bee monitoring STANDARD PROJECT	Biodiversity improvement through innovative ecosystem management and bee monitoring (for an innovative cross-border system for the improvement and monitoring of biodiversity)	<p>The operating protocols were defined aimed at identifying the different study areas and within them the identification of the objectives.</p> <p>An evaluation on which is the best technological solution for the detection of data supplied by beekeeping stations was performed (one proposal spouse the Melixa system already in use at VenetoAgricoltura, which guarantees a high quality of data).</p> <p>An APP prototype has been implemented that allows operators to collect and implement data on the state of health of bees and consequently to learn about risk situations deriving from the production environmental contexts.</p>
Related to Green Agri-Food	PA3 - BlueGrass : To promote the development of a green agri-food industry through the introduction of the aquaponics STANDARD PROJECT	The project aims at launching a market analysis to assess territorial interest/needs of aquaponics products, testing 2 pilot installations; involving farmers, breeders and researchers; increasing consumer awareness)	<ul style="list-style-type: none"> Consumer demand for aquaponics products were evaluated (258 questionnaires were collected and analyzed) and a "marketplace" for the companies active in aquaponics was created Two working groups established for collecting recommendations for implementation of two pilot plants (characteristics of pilot plants have been discussed with IT and SLO participants) Two pilot plants (prototypes) started in Koper and in Porcia (inaugurated in December 2018) and used throughout 2019 to define production management and monitoring models and to study their sustainability (this was done via LCA analysis, to evaluate the environmental impact) and a final technical report was drafted and submitted to the Programme, Stakeholders were involved The systems hosted training and distribution activities targeting breeders, farmers, schools and purchasing groups

			<ul style="list-style-type: none"> • A network on aquaponics was created, involving 191 active members, with a maximum of 296 potential partners (10 events, 6 technical tables, 412 school children involved in demonstration activities) • An intense social activity was conducted on FB and Instagram and the results were presented at the international aquaculture and vertical farming fair aquafarm / novel farm in 2020. <p>The 2 pilot plants were a good testing field for the new technical knowledge applications and an efficient way to showcase project activities to the specialists and non-specialist general public. The network worked a lot also on joint activities to reduce the legal and authorization burden (quite a difficulty in the sector). The prototypes showed that aquaponics is a viable solution for abandoned or underused buildings in urban or peri-urban areas. The work could continue: with a focus on environmental impact (LCA) or via a joint platform that could oversee the further development of this sector on cross-border level.</p>
Directly connected with the topic	PA3 - MEDS GARDEN : An indigenous Mediterranean Garden and culinary art for the preservation of the typical regional identity STANDARD PROJECT	The project aims at the development, conservation and attractiveness of the cultural landscape, also through an innovative educational tourism related to native plants, local cuisine and products of the northern Adriatic.	<ul style="list-style-type: none"> • Five Mediterranean Gardens have been opened to the public, three in Slovenia (Purissima - Škofije, Boršt and Bertoki) and two in Italy (Orto del Brenta - Mira and Friùli- Pordenone). • Gardens - open to the public upon notification of the visit - offer training, teaching, courses, cooking workshops and guided tours for visitors of various target groups: children, students, technicians and professionals from the agricultural world, tour operators and tourists. • The concept of a typical Mediterranean garden was developed, intended for general use by all interested parties. • A manual for the creation of a Mediterranean garden was published. It includes lists of native vegetation, the structure of the garden with a detailed description of thematic ensembles, plans for possible plantings. The aim is to provide guidance for the sustainable and environmentally friendly cultivation of native plants and the conservation of natural and cultural heritage (tangible and non-tangible). • There was a focus on learning experiences and cognitive tourism. • The demand for such experiences increased over time, over the implementation of the project (and was in line with the post-Covid tourism demand of outdoor tourism)
Directly connected with the topic	PA 4 - GeoKarst : Establishment of the cross-border geopark on the Karst STANDARD PROJECT	Establishment of the cross-border geopark on the Karst	<p>The results of the project include:</p> <ul style="list-style-type: none"> • the Act for the establishment of the cross-border geopark of the Classic Karst which will constitute the basis for the formal legal constitution of the cross-border geopark • the adoption of 2 shared solutions aimed at ensuring greater connectivity, coherence and coordination in the management of the area: the first will be the Cross-border Management Plan (there are two documents that will be merged in one), the second will be an innovative interpretation of the heritage for a more effective governance. • the preparation of the candidature for the inclusion in the UNESCO Geoparks Network. • the second solution's outputs are: the creation of a shared territorial brand, the delivery of guidelines for quality certification, activation of educational and tourist programs, an integrated information system, implementation of a visitors regulation, new business ideas,

			<p>qualified tourist guides, geo-routes, etc. for which a series of local consultations and preliminary trainings were held in the cross-border area</p> <p>The basic documents for the UNESCO candidature were prepared and joint work will continue in the strategic project KRAS-CARSO II, in the 2021-27 programming period.</p>
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ANNEX 2

Tables with the Programme Indicators

Axis 1

Axis	Id	Indicator	Unit, if applicable	Programme Target 2023	Declared Target by funded projects (II sem. 2022)	Status	Modification of Programme target out of WP 52
1	CO42	Number of research institutes joining cross border, transnational or interregional research projects	Organisation	27	54	overreached	50
1	CO26	Number of enterprises cooperating with research institutes	Enterprises	38	50	overreached	45
1	1.1.1	Number of innovative services, products and instruments transferred to enterprises	Number	10	39	overreached	-

Axis 2

Axis	Id	Indicator	Unit, if applicable	Programme Target 2023	Declared Target by funded projects (II sem. 2022)	Status	Modification of Programme target out of WP 52
2	2.1.1	Number of actions for the reduction of public buildings annual primary energy consumption	Number	25	25	reached	-
2	2.1.2	Pilot actions for innovative services for a low-carbon emissions smart mobility	Number	5	16	overreached	-

Axis 3

Axis	id	Indicator	Unit, if applicable	Programme Target 2023	Declared Target by funded projects (II sem. 2022)	Status	Modification of Programme target out of WP 52
3	C009	Increase of visits to cultural and natural heritage sites, attractions cofinanced (common indicator)	Number	20.000	39.953	reached	33.500
3	3.1.1	Number of realized investments or services/products created to support conservation / restore natural or cultural heritage sites	Number	30	40	overreached	-
3	3.1.2	Km of completed cycling routes	Km	12	12	reached	-
3	C023	Surface of habitats co-financed to obtain a better status of conservation	Ha	6.000	30.402	overreached	26.000
3	3.2.1	Instruments and services developed for the evaluation and promotion of eco-systemic services	Number	7	8	reached	-
3	3.2.2	Cross-border Pilot actions supporting biodiversity	Number	48	51	reached	-
3	3.2.3	Participants to educational and promotional events	Number	8.500	18.063	overreached	-
3	3.3.1	Number of tested and implemented innovative green technologies	Number	13	13	reached	-

3	3.3.2	Number of companies applying new or innovative ecological solutions	Number	7	22	overreached	-
3	CO20	Population that is benefitting of protection measures preventing floods	Number	1.111	33.700	reached	28.500

Axis 4

Axis	id	Indicator	Unit, if applicable	Target 2023	Declared Target by funded projects (II sem. 2022)	Status	Modification of Programme target out of WP 52
4	4.1.1	Signed Cross-border protocols and agreements	Number	10	21	overreached	-
4	4.1.2	Common solutions that increase integration, cohesion, harmonization of governance in the Programme area (shared policies, legal framework or rules, common strategic documents, e-government instruments, ecc.)	Common solutions	11	34	overreached	-
4	4.1.3	Number of beneficiaries participating to common trainings	Number	400	1.551	overreached	-
4	4.1.4	Number of cross-border health-care teams trained and operational	Number	5	8	reached	-

ANNEX 3

Expected/delivered projects outputs

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
PA1					
1	<p>PA1 - ARTE: ecosystem for advanced therapies of regenerative medicine</p> <p>STANDARD PROJECT</p>	<p>develop innovative treatments, including a pilot cell therapy project for osteoarthritis and new methods of personalized and regenerative medicine (use of stem cells)</p>	<p>Foster investments, entrepreneurial innovation and competitiveness, improving cooperation between hospitals, research centres, universities, SMEs and technology parks in the field of regenerative medicine</p>	<p>Knee osteoarthritis clinical trial. 10 patients treated at the Partner OB Valdoltra, under observation, with promising results. Clinical study presented to AIFA for 10 other patients at the ASUFC Partner, Udine.</p> <p>Establishment of an international HUB with 3 research centres/hospitals and 2 biomedical networks, 450 SMEs, 5 scientific publications, and partners in Italy, Ireland, Sweden, Spain, Israel and the United States.</p> <p>7 innovative SMEs involved in the development of the NANT platform "GMP in a Box".</p> <p>Socio-economic impacts: over 2.5 million euros of private investments in SMEs, with an increase in direct employment of 18 people</p>	<p>LP: VivaBioCell SpA PP2: Tehnološki park Ljubljana, d.o.o. PP3: Ortopedska bolnišnica Valdoltra PP4: Univerza v Ljubljani (Fakulteta za farmacijo) PP5: Azienda Sanitaria Universitaria Friuli Centrale PP6: Biovalley Investments S.p.A.</p>
2	<p>PA1 - BioApp: Trans-regional platform for the transfer of technological biopolymers from research to the market</p> <p>STANDARD PROJECT</p>	<p>Trans-regional platform for the transfer of technological biopolymers from research to the market (biopolymers)</p>	<p>Various biopolymer materials to be developed Online BioApp platform to be built up to mobilize stakeholders and stimulate the technology transfer from the laboratory to the market.</p>	<p>The partners worked on cooperation research organisations / economic stakeholders, development of pilot technologies and commercial initiatives for innovative biopolymers. Various biopolymer materials have been developed and their use in food, cosmetic and biomedical industries have been reported.</p>	<p>LP: Kemijski inštitut, Odsek za katalizo in reakcijsko inženirstvo PP2: Università degli Studi di Trieste PP3: COBIK PP4: Biopolife s.r.l. PP5: ACIES BIO</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
				<p>The online BioApp platform has brought many stakeholders into efficient communication by carrying out the technology transfer from the laboratory to the market.</p> <p>The cooperation will be active after the end of the project, also with new start-ups, to facilitate the transfer of pilot technologies on advanced biopolymers developed by BioApp project to various sectors.</p>	<p>biotehnoške raziskave in razvoj, d.o.o</p>
3	<p>PA1 - CAB: Cross-border business accelerator for intelligent specialization strategies</p> <p>STANDARD PROJECT</p>	<p>Cross-border business accelerator for intelligent specialization strategies</p>	<ul style="list-style-type: none"> • “Crossborder acceleration programme” (pilot action) to be implemented • Cross-border packages foreseen for companies • Mentoring on cross-border level foreseen <p>Research on business acceleration to be performed</p>	<p>The project focused on promotion of investments in the development of new products and innovative services and transfer of technologies from R&D centers to SMEs.</p> <p>Based on the acceleration model developed by the CAB project, project partners successfully implemented the “Cross-border acceleration programme” (pilot action)</p> <p>Thanks to the two calls promoted by the 3 “CAB Points”, 20 companies (15 start-ups and 5 SMEs) were given access to the combined cross-border package - online and on site for a value of € 200,000 €.</p> <p>Over 40 mentor-team combinations in Slovenia and Italy, activated for the development and “Go to market” of the selected projects.</p> <p>Published 1 Compendium with the results of research on business acceleration.</p>	<p>LP: Friuli Innovazione Centro di Ricerca e di Trasferimento Tecnologico Scarl</p> <p>PP2: Inštitut za razvoj startupov in mladih podjetij ABC</p> <p>PP3: Università Ca’ Foscari Venezia</p> <p>PP4: Univerza na Primorskem</p> <p>PP5: Università degli Studi di Trieste</p> <p>PP6: Gospodarska zbornica Slovenije</p> <p>PP7: SMART COM, d.o.o. informacijski in komunikacijski sistemi</p> <p>PP8: Gruppo Euris S.p.A</p>
4	<p>PA1 - CATTEDRA: cross-border collaboration for innovative diagnosis</p>	<p>address diagnostic and therapeutic deficiencies by increasing knowledge of the</p>	<ul style="list-style-type: none"> • strengthen cooperation and knowledge integration among pediatric clinical centers in the Programme area; 	<p>The CATTEDRA database on immune-mediated rare diseases in childhood has allowed the collection of clinical, diagnostic and therapeutic information on children affected by these serious diseases in the Program Area.</p>	<p>LP: IRCSS Burlo Garofolo</p> <p>PP2: Univerzitetni klinični center Ljubljana</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
	of rare diseases in pediatrics STANDARD PROJECT	rare immune-mediated pediatric diseases	<ul style="list-style-type: none"> support the innovation of innovative diagnostic tests through the transfer of knowledge; improve clinical knowledge, refine early diagnosis and improve the outcome of immune-mediated rare diseases in childhood. 	A process of harmonization of diagnostic and clinical therapies has been initiated. Two feasibility studies of new diagnostic tests for the identified diseases have been completed.	PP3: Better d.o.o. PP4: Center odličnosti za biosenzoriko, instrumentacijo in procesno kontrolo PP5: Experteam SRL
5	PA1 - CONSTRAIN sharing and application of innovative strategies for the seismic protection of masonry buildings STANDARD PROJECT	The project aimed to improve the seismic protection of buildings, the safeguarding of people, structures and contents in the Program area, with particular regard to buildings most exposed to seismic risk.	The project intended to: <ul style="list-style-type: none"> promote joint applied research to foster the sustainability of the building stock in accordance with smart specialization strategies; promote organizational innovation in SMEs; disseminate and transfer R&D results from research institutes to the business sector to develop innovative processes and products; create a cross-border cluster that benefits from the synergies available in the area, merging the skills of the production and research sectors to promote innovation in the context of structural 	A preliminary analysis of the consolidation intervention techniques used on the market made it possible to identify innovative strategies, based on the targeted use of modern fiber-reinforced composite materials for the construction of top curbs, floor bindings, reinforced plasters applied to the outside of the building. An entire full-scale building, together with accessory test samples, was designed, built and tested to optimize intervention strategies in terms of materials, application and effectiveness.	LP: Università degli Studi di Trieste PP2: Fibre Net S.p.A. PP3: Veneziana Restauri Costruzioni Srl PP4: Univerza v Ljubljani PP5: IGMAT d.d., Institut za gradbene materiale PP6: Kolektor CPG, d.o.o.

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			<p>consolidation interventions and disseminate acquired knowledge and experience;</p> <ul style="list-style-type: none"> identify a common methodology for dealing with seismic risk based on the targeted use of modern fiber-reinforced composite materials applied to the outside of the building. 		
6	<p>PA1 - DIVA support cross-border innovation through the creative industries</p> <p>STANDARD PROJECT</p>	DEVELOPMENT OF ECOSYSTEMS AND INNOVATION VALUE CHAINS	<ul style="list-style-type: none"> The project intended to connect the creative and economic sectors to an ecosystem of technological, commercial and social innovations to face the global market. Thanks to an analytical, mapping, modeling, education and testing approach, the project intends to catalyze the innovation, production and end-user system, where networks will incorporate innovators into the local economy. Among the expected results - the creation of new opportunities for cross-border collaboration 	<p>After mapping the cultural and creative enterprises in the Program area and analyzing the needs of both traditional and creative enterprises, the "Collaboration model" was developed and approved to promote fruitful collaboration between enterprises.</p> <p>Local hubs have been defined and launched and have designed a figure of catalyst for innovation, the mediator between the world of industry and that of culture and creativity.</p> <p>In March 2021, the DIVA public call for pilot projects was released, which represent an experiment in cooperation between such different worlds, according to the "Collaboration Model". The 21 selected projects were officially launched and presented in a cross-border event, implemented and accounted for. The activities ended on 30 June 2022. The hubs of Slovenia, Veneto and Friuli Venezia-Giulia assisted the companies with consultancy and support activities in order to facilitate them in carrying out</p>	<p>LP: Camera di Commercio Industria Artigianato Agricoltura di Venezia Rovigo;</p> <p>PP2: Regione del Veneto - Direzione Beni, attività culturali e sport;</p> <p>PP3: Università luav di Venezia;</p> <p>PP4: Ecipa Società consortile a R.L.;</p> <p>PP5: Regione Autonoma Friuli Venezia Giulia- Direzione centrale cultura, sport e solidarietà;</p> <p>PP6: Informest;</p> <p>PP7: Friuli Innovazione Centro di Ricerca e di Trasferimento Tecnologico;</p> <p>PP8: Area di Ricerca Scientifica e Tecnologica</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			<p>and development for high-tech companies, communities of operators and companies capable of facing the challenges of markets and consumers.</p>	<p>the projects.</p> <p>Two online Study visits were organized to explore the themes of innovation and creativity and a transnational event involving the representatives of the funded projects to encourage the exchange of ideas and the birth of further innovative projects. DIVA is currently in the reporting closing phase.</p>	<p>di Trieste - Area Science Park; PP9: Tehnološki park Ljubljana; PP10: Univerza v Novi Gorici, Akademija umetnosti; PP11: Arctur Računalniški inženiring; PP12: Primorski tehnološki park; PP13: Zavod za kulturo, umetnost in izobraževanje Kersnikova; PP14: Gospodarska zbornica Slovenije; PP15: RRA Zeleni KrasScienze Chimiche e Farmaceutiche</p>
7	<p>PA1 - DuraSoft: Innovative technologies to improve the durability of traditional wooden structures in socio-ecologically sensitive environments</p> <p>STANDARD PROJECT</p>	<p>Innovative technologies to improve the durability of traditional wooden structures in sensitive environment</p>	<ul style="list-style-type: none"> • increase the durability of native coniferous wood to be used in traditional constructions; • expand the possibility of using coniferous wood in an aquatic environment; • evaluate the performance of the materials produced and of the artefacts in different environmental conditions; • evaluate the environmental compatibility of the treatments used through the use of an integrated ecotoxicological approach conducted at various 	<p>Durability tests conducted (on materials and manufactured articles treated with a series of copper-based impregnating agents (Sylvanolin) or subjected to some wood modification processes (thermal and acetylation))</p>	<p>LP: Consiglio Nazionale delle Ricerche - Istituto di Scienze Marine (CNR-ISMAR) PP2: Università di Lubiana PP3: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale-OGS PP4: Università Ca' Foscari Venezia PP5: Camera di commercio del Litorale PP6: Silvaprodukt, podjetje za proizvodnjo in prodajo sredstev za ščito</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			<p>levels of biological complexity;</p> <ul style="list-style-type: none"> provide management indications on the use of wood in socio-ecologically sensitive environments. 		materialov, d. o. o. PP7: Agriteco Società Cooperativa
8	<p>PA1 - ISE EMH: slovenian-italian ecosystem for electronic and mobile health</p> <p>STANDARD PROJECT</p>	<p>The goal of the project was to extend and improve the concept of electronic and mobile health - EMH (Electronic and Mobile Health) in the cross-border area between Italy and Slovenia</p>	<ul style="list-style-type: none"> The analysis of EMH applications and platforms envisaged the identification of their needs and requirements as well as the monitoring of their development for the purpose of their use in the ecosystem. The sectors to be explored and included in the ecosystem were in particular oncology, dermatology and care for the elderly. The project also envisaged the creation of a platform to provide information, support and assistance to users in the field of health and medicine and is intended in particular for Italian and Slovenian citizens. 	<p>The project partners have completed the implementation of the Insieme platform which provides information, support and assistance to users in the field of health and medicine and is aimed in particular at Italian and Slovenian citizens in order to consolidate cross-border cooperation and knowledge transfer in the field of e-Health and Mobile (EMH).</p>	<p>LP: ARCTUR Računalniški inženiring d.o.o.</p> <p>: Istituto di Ricovero e Cura a Carattere Scientifico Burlo Garofolo di Trieste</p> <p>PP3: Institut "Jožef Stefan"</p> <p>PP4: Polo Tecnologico Alto Adriatico</p> <p>PP5: Università Ca' Foscari Venezia</p> <p>PP6: ROBOTINA, d.o.o.</p>
9	<p>PA1 - FishAgroTech: Agriculture/Fisheries: Cross-border</p>	<p>Fishing - agriculture: cross border</p>	<ul style="list-style-type: none"> Mapping of needs for innovation expressed by fisheries - aquaculture and 	<p>155 companies, 6 associations, 25 institutions, 18 innovation bearers participated in the project. 3 pilot activities were carried out and 4 projects of</p>	<p>The partners successfully engaged the fisheries and</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
	investment and innovation STANDARD PROJECT	participation and innovation	<p>agriculture sectors companies and identified possible practical technological innovative solutions</p> <ul style="list-style-type: none"> Companies, organizations, institutions, promoters and developers of innovation have been involved at cross-border level through seminars, B2B - R2B events and individual meetings The project had to tackle the shift in generation (fishermen and farmers) and the decrease of fish stocks in the Adriatic. 	<p>cross-border interest identified.</p> <p>The final Memorandum of Understanding establishes the collaboration of the network of partners, scientific subjects and innovation producers involved.</p> <p>The activities allowed cross-border technological cooperation through the strengthening and creation of partnerships and networks for the collaboration between companies, institutions and subjects engaged in research and development.</p>	<p>agriculture community in all the organized events and match-making occasions that were proposed by the LAGs (LAG Carso, LAG Istre) or by coordinating bodies (FLAG GAC FVG).</p> <p>LP: AriesScarl- Camera di Commercio Venezia Giulia</p> <p>PP2: Consorzio per l'Area di Ricerca Scientifica e Tecnologica di Trieste</p> <p>PP3: Gruppo di Azione Locale del Carso - Lokalna Akcijska SkupinaKras</p> <p>PP4: Tehnološki park Ljubljana d.o.o.</p> <p>PP5: Primorska Gospodarska zbornica</p> <p>PP6: Nacionalni Inštitut za biologijo</p>
10	PA1 - IMBI : diagnosis of prosthetic infections in orthopedics with innovative methods based on the use of bacteriophages	The aim of the project was to significantly reduce the time required to establish the most accurate diagnosis possible, thus	<ul style="list-style-type: none"> The aim of the project was to develop a diagnostic test for the identification of bacteria in sonicates in patients with prosthetic joint infection, using an optimized suspension of 	<p>The main output is the development of a highly sensitive and specific diagnostic test using bacteriophages for the detection and identification of bacteria of the Staphylococcus family.</p> <p>Tests were performed on over 100 sonication fluid samples from infected prosthetic joints. Another</p>	<p>LP: Valdoltra Orthopaedic Hospital</p> <p>PP2: University of Ljubljana, Faculty of Chemistry and Chemical Technology</p> <p>PP3: JAFRAL, d. o. o.</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
	STANDARD PROJECT	enabling rapid specific treatment, and to increase knowledge about bacteriophages, to help their use for therapeutic purposes in the future.	<p>specific phages. The diagnostic test was to be tested in a clinical study on revision arthroplasty patients.</p> <ul style="list-style-type: none"> The project also aimed to create a bacteriophage library accessible to other institutions, thus creating a European Center for research and use of bacteriophages in the cross-border area. 	important project output was the creation of a consortium of cross-border partners aimed at improving the exchange and transfer of scientific knowledge between different stakeholders. A bacteriophage library was created thanks to which the consortium was recognized as a benchmark in applied research of bacteriophages in medicine.	<p>PP4: ICGEB - International Centre for Genetic Engineering and Biotechnology</p> <p>PP5: Centro Ricerche Scientifiche Dott. Dino Paladin</p>
11	PA1 - IMMUNO CLUSTER STANDARD PROJECT	CROSS-BORDER CLUSTER FOCUSING ON IMMUNE RESOINSE IN BREAST CANCER	<ul style="list-style-type: none"> The aim of the project was the creation of a cross-border Immuno-Cluster through clinical trials for the treatment of triple negative breast cancer using autologous cellular immunohybridoma vaccine, introduced a few years ago by the Lead Partner (Celica Biomedical). As part of the project, the validation of the generation of dendritic cells according to the so-called "open" method (Celica Biomedical) and the so-called "closed" method by automatic bioreactor (BivaBioCell) 	<p>A joint clinical protocol for the treatment of triple negative breast cancer with the cross-border involvement of three hospitals and the approval by the local ethics committees of Italy and Slovenia was achieved.</p> <p>The successful validation of the two technologies has ensured greater accessibility to therapies for patients in the area thanks to the introduction of trans-regional clinical trials.</p> <p>The project has therefore fostered the integration between cutting-edge hospitals, pharmaceutical and biotechnological companies, universities and research centres, all relevant players at European and global level.</p>	<p>LP: Celica Biomedical</p> <p>PP2: Onkološki inštitut Ljubljana</p> <p>PP3: Ortopedska bolnišnica Valdoltra</p> <p>PP4: VivaBioCell S.p.A.</p> <p>PP5: Università degli Studi di Udine- Dipartimento di Area Medica</p> <p>PP6: ALUSS 3 Serenissima</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
12	<p>PA1 - NANO REGION: an open network for innovation through nanotechnologies</p> <p>STANDARD PROJECT</p>	<p>The aim of the project is to network existing expertise on nanotechnologies to respond to the needs of the productive world.</p>	<p>The project envisaged:</p> <ul style="list-style-type: none"> widespread dissemination aimed at bridging the gap between science and production activities in the nanotechnology field; cross-border standardization of nanotechnology transfer practices; the creation of an operational network of nanotechnological laboratories to support businesses in the area. 	<p>The project has promoted the meeting between the needs of companies and technological responses, through a virtual platform.</p> <p>The construction of a dialogue for the dissemination of nanotechnological culture at various levels of society was facilitated through the 33 events.</p> <p>A network of laboratories was created with the standardization of shared practices and the constitution of the unified offer to SMEs. And technology transfer was promoted through the activation of 25 feasibility studies.</p>	<p>LP: Consiglio Nazionale delle Ricerche - Istituto Officina dei Materiali CNR-IOM;</p> <p>PP2: Università Ca' Foscari Venezia - Dipartimento di Management;</p> <p>PP3: Tehnološki Park Ljubljana;</p> <p>PP4: Center odličnosti nanoznanosti in nanotehnologije CO Nanocenter;</p> <p>PP5: Primorski Tehnološki Park, d.o.o.;</p> <p>PP6: RRA Zeleni Kras d.o.o.;</p> <p>PP7: Università Ca' Foscari Venezia - Dipartimento di Scienze Molecolari e Nanosistemi;</p> <p>PP8: Univerza v Novi Gorici;</p> <p>PP9: Elettra-Sincrotrone Trieste S.C.p.A.;</p> <p>PP10: Università di Trieste - Dipartimento di Scienze Chimiche e Farmaceutiche</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
13	PA1- NUVOLAK2: Innovative marketing tools STANDARD PROJECT	Innovative marketing tools for the global competitiveness of the SMEs in the cross-border area	<ul style="list-style-type: none"> A platform to be set-up and enhanced with tools: new approach for brand development, a benchmarking tool, a database of institutions and mentors Intense communication activities on innovative marketing foreseen 	The project developed innovative cross-border marketing tools. 50 innovative SME practices and 2 SME- friendly-contexts were examined via the platform. Most of the morning coffees (INNOtalk) and blog posts have been completed, exceeding 3000 likes The FestINNO event was held, the third edition of which, as well as the remaining events and workshops, will be held online in 2020 (http://www.inno.si).	LP: Univerza na Primorskem PP2: Inštitut za razvoj startupov in mladih podjetij ABC PP3: Università Ca' Foscari Venezia PP4: Associazione Temporanea di Scopo Confcommercio Trieste PP5: Območna obrtno-podjetniška zbornica Logatec PP6: Azienda speciale Aries - Camera di Commercio di Trieste PP7: PROTECTUS, storitve, razvoj in informacijska tehnologija, d.o.o.
14	PA1 - TechMOlogy STANDARD PROJECT	New models of business-research cooperation	<ul style="list-style-type: none"> TechMOlogy intended to create the preconditions for companies, especially the small and artisan-run ones that operate in the automotive value chain, to increase the use of the key enabling technologies (KETs) of Industry 4.0. New models of research-enterprise collaboration based on the principles of open innovation, public-private co-investment and the sharing of research facilities in the program 	The project launched 7 industrial challenges related to current problems in the mobility industry . The aim is to identify solutions based on the application of enabling technologies 4.0 in the automotive, aerospace and "smart mobility" sectors. To define the challenges, a scenario analysis of the main technological trends and a survey on the major needs for training and skills updating by 50 companies in the cross-border area were carried out. 8 demonstration events were organized at the 5 partner laboratories with almost 100 participants. The project managed to promote new business-research cooperation models based on 3 principles - public-private co-investment, open innovation, shared economy - to strengthen digital skills and the	LP: Friuli Innovazione scarl PP2: GIZ SLOVENSKI AVTOMOBILSKI GROZD PP3: ECIPA scarl PP4: SIEVA doo PP5: Lean experience factory

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			<p>area were to be developed and tested.</p> <ul style="list-style-type: none"> By facilitating accessibility to KETs and supporting SMEs in the development of new products and services based on them, the transformative process towards Industry 4.0 would be supported by those companies with very high quality artisan know-how at risk of disappearing, which represent one of the assets of the cross-border economy. 	<p>use of enabling technologies in the mobility chain.</p> <p>TechMOlogy supported the transfer of know-how on emerging technologies and technologies impacting the mobility sector in the broadest sense (i.e. including the automotive, "soft" mobility such as bicycles and electric, nautical and aerospace) towards companies smaller and artisanal in nature, which represent the majority of related industries in percentage terms, contributing to the development of new products and services.</p>	
15	<p>PA1 - SUSGRAPE: Promoting sustainable viticulture through ICT in the Ita-Slo cross-border areas</p> <p>STANDARD PROJECT</p>	Promoting sustainable viticulture through ICT in the Italy-Slovenia cross-border areas	<ul style="list-style-type: none"> The project created a Decision Support System (DSS) with the activation of and of the WiForAgriSUSGRAPE web platform. The platform displays phytopathological forecasting models against late blight and oidio for the areas of the Collio and the Slovenian coast, and tests on output in 4 experimental vineyards 	<p>There was also a strong sense of innovation, the latest technologies were applied to a "traditional" sector like wine-growing. This was coupled with the trainings offered to schools and university students, activity that sensibilized also the next generations to the topics of the project.</p> <p>42 monitoring stations (18 in Collio/Brda and 24 on the Slovenian coast) 4 experimental vineyards (for the areas of the Collio and the Slovenian coast)</p> <p>The 19 companies from the wine-growing sector that were involved in the project were satisfied with the activities and outcomes of the project, more eco-sustainability of the wine production and less use of phytosanitary products were achieved.</p>	<p>LP: Area di ricerca scientifica e tecnologica di Trieste Area Science Park PP2: Primo Principio Società Cooperativa PP3: Primorska Gospodarska zbornica PP4: Univerza na Primorskem - Università del Litorale PP5: International Centre for Genetic Engineering and Biotechnology PP6: Vinakoper Podjetje za proizvodnjo in prodajo vina, d.o.o. PP7: Consorzio Tutela Vini Collio</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
16	<p>PA1 -TRAIN: Big Data and disease models: a cross-border platform of validated kits for the biotech industry</p> <p>STANDARD PROJECT</p>	Big data and disease models: cross- border platform of kits validated for industry	<ul style="list-style-type: none"> 'machine learning' and 'big data' processing to be used to improve the diagnosis and therapy of various pathologies; Essays to be carried out, to be used in kits for the detection of any contaminants in foods and in the study of in vitro disease models; Numerous collaborations to be activated with companies; A virtual reality experience to be developed. 	<p>The project stimulated cooperation among research institutes/universities/companies for innovation in biomedical research sector in cell biology and large-volume data analysis, for cardiological and inflammatory diseases, on cross-border level.</p> <p>Thanks to the project, 'high-throughput screening' with 'machine learning' and 'big data' processing were combined to improve the diagnosis and therapy of various pathologies.</p> <p>Essays have been developed to be used in kits for the detection of any contaminants in foods and in the study of in vitro disease models.</p> <p>Numerous collaborations have been activated with companies aimed at the transfer of knowledge.</p> <p>A virtual reality experience has been developed to represent what has been achieved by the TRAIN project.</p>	<p>LP: International Centre for Genetic Engineering and Biotechnology</p> <p>PP2: Institut "Jožef Stefan"</p> <p>PP3: Tehnološki park Ljubljana d.o.o.</p> <p>PP4: Experteam Srl</p> <p>PP5: BioValley Investments S.p.A.</p> <p>PP6: Mednarodna podiplomska šola Jožefa Stefana</p>
17	<p>PA1 - TRANSGLIOMA: New therapies for glioblastoma through a transnational cross-border research platform</p> <p>STANDARD PROJECT</p>	Cross-border research in biomedicine	<ul style="list-style-type: none"> improve cooperation between key players in biomedicine (research institutes, hospitals, universities and companies) promote the transfer of knowledge to innovative solutions in medical biotechnology and their use in clinical research on brain cancer (glioblastoma) 	<p>Unified laboratory protocols and biological sample processing established a cross-border interactive brain tumor bank GLIOBANK and at the same time developed open source software to analyze the data collected in it.</p> <p>Identified and experimentally confirmed a number of potential biomarkers of glioblastoma (stem) cells and two direct delivery systems for nanobodies at bioinformatics and cellular level.</p> <p>Experiments on the therapeutic action of nano-bodies in vivo on selected animal models for the design of a new targeted way to treat brain tumors.</p>	<p>LP: "Univerza v Ljubljani Medicinska fakulteta UL"</p> <p>PP2: Azienda Sanitaria Universitaria Integrata di Udine</p> <p>PP3: Elettra Sincrotrone Trieste S.C.p.A.</p> <p>PP4: Nacionalni Institut za biologijo</p> <p>PP5: Biosistemika d.o.o.</p> <p>PP6: Azienda Unita Locale Socio-Sanitaria N. 12 Veneziana</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
PA2					
18	<p>PA2 - CrossMoby: Cross-border integrated transport planning and intermodal passenger transport services</p> <p>STRATEGIC PROJECT</p>	<p>Mobility planning and sustainable, cross-border and passenger transport services, in the pursuit of intermodality</p>	<p>After the reactivation of the Udine-Trieste- Ljubljana cross-border railway link, the CROSSMOBY project also launched the following PILOT ACTIONS:</p> <ul style="list-style-type: none"> • an analysis for a cross-border strategic reference framework to be completed; • the creation of a stakeholders platform for dialogue and cross-border planning foreseen; • a study on sustainable urban mobility to be carried out; , • a project on traffic monitoring to be planned 	<p>The partners focused on coordinated planning of sustainable mobility and achievement of several sub-projects. Experimentation of cross-border rail services for passengers of public transport along the Venice-Trieste-Ljubljana axis achieved.</p> <p>A cross- border strategic action plan on sustainable mobility based on the already existing SUMP (Sustainable Urban Mobility Plans) methodology applied to a limited number of pilots.</p> <p>A call for a bike sharing service was published at the railway stations between the Municipalities of Divača, Hrpelje-Kozina, Komen and Sežana and a call for a maritime passenger service on the Ankaran-Koper-Izola-Piran line. The new Bovec-Kranjska Gora bus line was established for months of July and August and a shuttle service on the Julian Alps path on the occasion of the European Mobility Week.</p>	<p>LP: Regione Autonoma Friuli Venezia Giulia - Direzione Centrale Infrastrutture e Territorio PP2: Università Cà Foscari Venezia PP3: Veneto Strade SpA PP4: Urbanistični inštitut Republike Slovenije PP5: RRC Koper PP6: Posoški razvojni center PP7: Občina Ilirska Bistrica PP8: Gect Euregio Senza Confini r.l.</p>
19	<p>PA2 - Energy Care: Energy efficiency of public buildings and sustainable mobility with community engagement</p> <p>STANDARD PROJECT</p>	<p>Energy efficiency of public residential and school buildings and sustainable mobility with community involvement</p>	<ul style="list-style-type: none"> • Participative activities involving the residents have been concluded • Definition of the project for the cycle path and for the pedibus line • Environmental awareness-raising meetings with citizens <p>Infrastructural interventions foreseen</p>	<p>CAP & COM pilot actions involvement and project communication activity were intense. In the 3 pilot areas, participative activities involving the residents have been concluded - Infrastructural interventions foreseen in Koper, Trieste and San Donà have been concluded Cycle path (San Donà di Piave) and the pedibus line (Koper) concluded In Trieste the PonzianaLAB was active as an Infopoint dedicated to the project</p>	<p>LP: Azienda Territoriale per l'Edilizia Residenziale di Trieste PP2: Mestna občina Koper PP3: Comune di San Donà di Piave PP4: Kallipolis PP5: Goriška Lokalna Energetska Agencija, Nova Gorica</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
20	PA2 - LightingSolutions: Innovative solutions for energy-efficient lighting of public buildings STANDARD PROJECT	Reduction of greenhouse gas emissions and improvement of energy efficiency	<ul style="list-style-type: none"> greater energy efficiency in the management of lighting in public buildings in Italy and Slovenia 	<p>Six pilot measures implemented to reduce annual primary energy consumption in existing public buildings.</p> <p>Updated public lighting registers and introduced energy accounting systems.</p> <p>Awareness campaign conducted and an educational program on energy saving behavior prepared.</p>	<p>LP: Občina Šempeter-Vrtojba PP2: Občina Tolmin PP3: Goriška lokalna energetska agencija, Nova Gorica PP4: Svet slovenskih organizacij - Confederazione Organizzazioni Slovene PP5: Comune di Doberdò del Lago - Občina Doberdob PP6: Comune di Medea</p>
21	PA2 - InterBike II: Development of multimodal connections along the Adriabike cycling path STANDARD PROJECT	Development of multimodal connections along the Adriabike cycle path from Kranjska Gora to Ravenna	<ul style="list-style-type: none"> promotion of cycling for sustainable daily mobility and for tourist creation of 4 multimodal transport service points for bikes, buses and boats 	<p>During summer 2018 and 2019, the bus service with bike transport between Koper/ Capodistria, Grado and Cormons was tested.</p> <p>Boat and bicycle service was introduced along the Lemene river.</p> <p>The maritime service between Bibione and Caorle was active.</p> <p>A new cycling route platform developed in Western Slovenia.</p> <p>A new section of the cycle path planned in Hrvatini.</p> <p>In Eastern Veneto, electric charging stations set up</p>	<p>LP: Regionalni razvojni center Koper - Centro regionale di sviluppo Capodistria PP2: Mestna občina Koper PP3: Comune di Monfalcone PP4: GAL Venezia Orientale PP5: Regijska razvojna agencija ROD Ajdovščina</p>
22	PA2 - MOBITour: Sustainable mobility of cross-border coastal and hinterland tourist area STANDARD PROJECT	Sustainable mobility of coastal tourist areas and the cross-border hinterland	<ul style="list-style-type: none"> Creation of 5 "park and drive" pilot systems to promote sustainable mobility foreseen E-stations and vehicle purchase A digital platform to be set-up CAP & COM pilot actions 	<p>Definition of 3 UPSM - urban plans for sustainable mobility (Lignano, Caorle, Piran).</p> <p>Implementation of 5 'park & drive' pilot systems (electric vehicles, electrical pillars) and 2 sustainable mobility plans (Park Škocjanskejame and KobilarnaLipica).</p> <p>19 vehicle charging stations were positioned and 6 electric cars, 1 minivan and 366 bicycles were purchased.</p> <p>A digital platform was created for sharing information on tourist routes/itineraries, public transport and sustainable mobility services(www.crossmobility.eu)</p>	<p>LP: Javni zavod Park Škocjanske jame, Slovenija PP2: Občina Piran PP3: Holding Kobilarna Lipica, d.o.o. PP4: Comune di Lignano Sabbiadoro PP5: Istituto di Sociologia Internazionale di Gorizia PP6: Comune di Caorle</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
23	<p>PA2 - MUSE: Cross-border collaboration for Energetically efficient Sustainable University Mobility</p> <p>STANDARD PROJECT</p>	Cross-border collaboration for energy efficient sustainable university mobility	<ul style="list-style-type: none"> Guidelines for Public Administrations and the Cross-border Action Plan to be developed The "MUSE Winter School" to involve mobility experts, university students and stakeholders Pilot projects on university mobility foreseen 	<p>Guidelines for Public Administrations and the Cross-border Action Plan drawn up</p> <p>The "MUSE Winter School" organized by the LP in Bohinj (January 2020) with participation of mobility experts, university students and stakeholders</p> <p>Pilot projects completed: a secure solar-panelled e-bike deposit inaugurated in Grosuplje in June 2019; two photovoltaic stations for charging electric vehicles (Trieste, December 2019 and Roveredo in Piano, February 2020)</p>	<p>LP: Università degli Studi di Trieste</p> <p>PP2: Regione Friuli Venezia Giulia</p> <p>PP3: Unione Territoriale Intercomunale del Noncello</p> <p>PP4: Univerza v Ljubljani, Fakulteta za gradbeništvo in geodezijo, Prometnotehniški inštitut</p> <p>PP5: RRA Severne Primorske - Agenzia di sviluppo regionale di Nova Gorica</p> <p>PP6: RRA LUR - Agenzia di sviluppo regionale di Lubiana</p>
24	<p>PA2 - SECAP: Supporting energy and climate adaptation policies</p> <p>STRATEGIC PROJECT</p>	Support for energy and climate adaptation policies (transition of several SEAPs (Sustainable Energy Action Plan) to APSECs (Action Plan for Sustainable Energy and Climate))	Favor the sustainable development of the cross-border territory, promoting low carbon emission strategies in particular for urban areas	<p>The adaptation and mitigation strategies and the guidelines for cross-border municipalities and unique for the Italian and Slovenian territory, which promote the entry of municipalities into the SEAP/SECAP process;</p> <p>The accompaniment of some Municipalities in the process of transforming SEAP into SECAP was achieved;</p> <p>interventions for a better use of energy resources and consequent reduction of emissions, carrying out feasibility studies, a collection of good practices, as well as demonstrative infrastructural interventions aimed at energy saving and adaptation.</p>	<p>LP: Regione Autonoma Friuli Venezia Giulia - Direzione Centrale Ambiente ed Energia</p> <p>PP2: Università degli Studi di Trieste;</p> <p>PP3: Area Science Park;</p> <p>PP4: Città Metropolitana di Venezia;</p> <p>PP5: Università Iuav Venezia;</p> <p>PP6: Unioncamere Veneto;</p> <p>PP7: GOLEA - Agenzia per l'energia di Nova Gorica;</p> <p>PP8: LEAG - Agenzia per l'energia della Gorenjska;</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
					PP9: RRA LUR; PP10: Občina Pivka
PA3					
25	PA3 - Acquavitis: Innovative solutions for the efficient use of water in cross-border viticulture STANDARD PROJECT	Development and testing of joint innovative technologies and solutions for the safeguard and efficient use of water resources	The project aimed to contribute to sustainable agriculture through better management of water resources by adjusting the quantity, method and time of irrigation according to the real needs of the vine.	The goal was pursued in four steps: Step 1- Setting up the web; Step 2 - Implementation of new methods for measuring the water stress of plants; Step 3 - Development of irrigation systems and definition of effective irrigation (drip irrigation); Step 4 - Knowledge transfer to farmers, students and researchers. The project developed new irrigation protocols, worked on the surface drip irrigation system and sub-surface drip irrigation . A new platform was developed that monitored the irrigation system. The final result of the project was reducing the usage of water from vulnerable sources (which is a benefit to the inhabitants, as well as for the companies in the agriculture sector/farmers).	LP: Regione Autonoma Friuli Venezia Giulia - Direzione Centrale Ambiente ed Energia PP2: Università degli Studi di Trieste; PP3: Area Science Park; PP4: Città Metropolitana di Venezia; PP5: Università luav Venezia; PP6: Unioncamere Veneto; PP7: GOLEA-Agenzia per l'energia di Nova Gorica; PP8: LEAG - Agenzia per l'energia della Gorenjska; PP9: RRALUR; PP10: Občina Pivka
26	PA3- AgroTour II: Biodiversity improvement through innovative ecosystem management and bee monitoring STANDARD PROJECT	Sustainable development of agriculture and tourism in the cross-border karst region (implementation of the e-Karst application for monitoring the condition of vineyards,	Improve the competitiveness, recognition and quality of local products.	A shift in paradigm was worked on: reducing the consumption of phytosanitary products (and this way already working towards the objectives of the EU Green Deal-reducing chemicals and toxic products) The activities on "Hotel dobrega terana" with an upgrade of the platform were performed, contributing to the slow tourism on the Karst. In the quality control of Terrano, the activities contributed to the sustainable use of water and to the mapping of "green agri-tourism" establishments on cross-	LP: Kmetijski inštitut Slovenije PP2: Università degli Studi di Trieste PP3: Università degli Studi di Udine PP4: Univerza v Novi Gorici PP5: Občina Komen PP6: Confesercenti

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
		optimization of wine and ham production processes, creation of new itineraries along with promotion of local products)		<p>border level</p> <p>The final phase of the project involved the setting up of the Center for the promotion of typical local products with a wine cellar of regional wines in the Štanjel Castle, contributing to the cross-border visibility of typical products</p> <p>Irrigation tests were conducted in two vineyards to assess the cost-benefit ratio</p> <p>Updates to the e-Karst application (https://e-karst.eu) were developed to monitor agro-meteorological parameters and wine-growing technologies as well as to optimize and standardize technologies in the production of Terrano wine on the cross-border karst territory, the app also monitors the hydrological stress and parasites, the app contributed to standardization of typical products. 5 new tourist itineraries on the Karst have been proposed, including natural and cultural heritage sites</p> <p>Monitoring of the quality of the Karst raw ham ("Kraški pršut"), produced from exemplary indigenous-bred-pigs</p>	Venezia
27	PA3 - BEE-DIVERSITY: Biodiversity improvement through innovative ecosystem management and bee monitoring STANDARD PROJECT	Biodiversity improvement through innovative ecosystem management and	Bee monitoring for an innovative cross-border system for the improvement and monitoring of biodiversity was planned.	<p>The operating protocols were defined aimed at identifying the different study areas and within them the identification of the objectives.</p> <p>An evaluation on which is the best technological solution for the detection of data supplied by beekeeping stations was performed (one proposal spouse the Melixa system already in use at VenetoAgricoltura, which guarantees a high quality of data).</p> <p>An APP prototype has been implemented that allows operators to collect and implement data on the state of health of bees and consequently to learn about risk situations deriving from the production environmental</p>	LP: Agenzia Veneta per l'Innovazione nel Settore Primario PP2: Polo Tecnologico Alto Adriatico PP3: Università degli Studi di Udine PP4: BSC KRANJ, Poslovno pod porni center Kranj PP5: Università di Ljubljana

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
				contexts.	
28	<p>PA3 - BlueGrass: To promote the development of a green agri-food industry through the introduction of the aquaponics</p> <p>STANDARD PROJECT</p>	The project aims at launching a market analysis to assess territorial interest/needs of aquaponics products	<ul style="list-style-type: none"> • testing 2 pilot installations; • involving farmers, breeders, researchers; • increasing consumer awareness 	<p>Consumer demand for aquaponics products were evaluated (258 questionnaires were collected and analyzed) and a “marketplace” for the companies active in aquaponics was created.</p> <p>The systems hosted training and distribution activities targeting breeders, farmers, schools and purchasing groups</p> <p>An intense social activity was conducted on FB and Instagram and the results were presented at the international aquaculture and vertical farming fair aquafarm / novel farm in 2020.</p> <p>A network on aquaponics was created, involving 191 active members, with a maximum of 296 potential partners (10 events, 6 technical tables, 412 school children involved in demonstration activities).</p> <p>Two working groups established for collecting recommendations for implementation of two pilot plants (characteristics of pilot plants have been discussed with IT and SLO participants).</p> <p>Two pilot plants (prototypes) started in Koper and in Porcia (inaugurated in December 2018) and used throughout 2019 to define production management and monitoring models and to study their sustainability (this was done via LCA analysis, to evaluate the environmental impact) and a final technical report was drafted and submitted to the Programme, Stakeholders were involved.</p>	<p>LP: Univerità Ca’ Foscari Venezia PP2: Univerza v Ljubljani PP3: Unione Territoriale Intercomunale del Noncello PP4: KZ Agraria Koper PP5: Shoreline Società Cooperativa</p>
29	PA3 - CONA : The improvement of the ecological status of the Corno river and the Isonzo river mouth in the Adriatic	Improvement of the ecological state of the Corno river and the area of the mouth of the Isonzo river in	<ul style="list-style-type: none"> • Improvement of the chemical and physical condition of the waters to be checked • Preparation of the design 	<p>Improvement of the chemical and physical condition of the waters done.</p> <p>Koren creek: Preparation of the design for revitalisation of the flow, Secondary school students performed analyses on the flow of the Koren creek,</p>	<p>LP: Irisacqua Srl PP2: Vodovodi in kanalizacija Nova Gorica d.d. PP3: Šolski center Nova</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
	STANDARD PROJECT	the Adriatic - Cona area	for revitalisation of the flow of the Korencreek <ul style="list-style-type: none"> • Application for online data monitoring from all weather stations • Activities with schools • Production of project documentation for the reconstruction of lightening discharges • Proposal of measures for sustainable regulation (green infrastructure) • Meteorological stations built and connected to the SCADA system 	proposal of measures for sustainable regulation (green infrastructure). Corno: Production of project documentation for the reconstruction of lightening discharges along the Corno in Italy, the CNS system was extended to manage and contain the first wave of precipitation in the Corno stream Nova Gorica: Application for online data monitoring from all weather stations is available on the Nova Gorica school center website, Meteorological stations built and currently connected to the SCADA system for the Nova Gorica wastewater treatment plant. “Mlinčeknavodo - Water mill” competition held for primary schools	Gorica
30	PA3 - ECOSMART: market of ecosystem services for an advanced policy for the protection of natura2k areas STANDARD PROJECT	The objective was to evaluate and test, at an interregional level, the economic feasibility of the PES - "Payment System for Ecosystem Services", as a tool for financing actions to safeguard biodiversity in the Natura 2000 network sites	The ECO-SMART project faced the challenge of providing an economic tool capable of improving the capacity of monitoring climate change and planning in the Natura 2000 network sites of the Program area, allowing the adoption of adaptation measures that reduce the negative effects on the quality of biodiversity	The project has enabled the implementation of a harmonized cross-border procedure which has led to the identification of PES as tools for financing the adaptation measures necessary to safeguard the most vulnerable Ecosystem Services (ESS) present in the pilot sites and to reduce the climate effects acting on them. The study was carried out on 6 sites and is based on the following phases: 1) identification of Ecosystem Services (ESS) and climate hazards, 2) assessment of vulnerability of ESS, 3) identification of PES and adaptation measures, 4) economic evaluation of PES and adaptation measures. The study was conducted on the following sites: the "Laguna di Caorle - Mouth of the Tagliamento", the "Foce del Tagliamento", the "Valle Vecchia - Zumelle	LP: Regione Veneto PP2: Comune di Monfalcone PP3: Università degli Studi di Padova, Dipartimento di Ingegneria Industriale PP4: Regionalni Razvojni Center Koper PP5: Znanstveno-Raziskovalno Središče Koper

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
				<p>- Valli di Bibione", the "Upper Lagoon of Venice", the "Cavana di Monfalcone" and the "Val Stagnon - Škocjanski Zatok Nature Reserve".</p> <p>The partnership has been active in promoting the results at international conferences and producing scientific and popular publications and articles as well as a specific educational site aimed at promoting the concepts of biodiversity, PES, ESS, vulnerability, hazard and providing guidelines to teachers and to the students.</p> <p>An intense training activity was carried out with the stakeholders, with which agreements were also signed to promote PES and the implementation of adaptation measures.</p>	
31	<p>PA3 - ENGREEN: Strengthening of green infrastructures to guarantee a good state of conservation of protected species in IT-SI cross-border environment ISONZO/SOČA</p> <p>STANDARD PROJECT</p>	Strengthening of green infrastructures to guarantee a good state of conservation of protected species	Promote cross-border cooperation in order to ensure a good state of conservation of green infrastructures, protected habitats and related protected species in the cross-border landscape between Italy and Slovenia	<p>Investments for the restoration of three ponds Construction of 170 m of dry stone walls in the Park Škocjanske jame Restoration of the ice house in Val Rosandra Census of biodiversity in the Karst, removal of non-native species</p> <p>Revitalization of the Molini di Stalis Construction of the panoramic tower in Portogruaro. Organization of summer camps for students, art competitions, focus groups, educational and outreach events</p>	<p>LP: Javni zavod Park Škocjanske Jame, Slovenija PP2: Comune di San Dorligo della Valle-Občina Dolina PP3: Univerzana Primorskem/Università del Litorale PP4: GAL Venezia Orientale</p>
32	<p>PA3- GREENHULL: Green technologies for ecological cleaning of biological incrustation on hulls in the Upper Adriatic</p> <p>STANDARD PROJECT</p>	Green technologies for ecological cleaning of biological incrustation on hulls in the Upper Adriatic	<ul style="list-style-type: none"> Analysis of European and national Italian and Slovenian legislation for the sector foreseen. A pilot underwater cleaning system and a modular wastewater 	<p>Environmental protection was improved by developing solutions for effective cross-border management of marine waste water and hazardous waste generated.</p> <p>Activities related to the analysis of European and</p>	<p>VP: Mednarodna podiplomska šola Jožefa Stefana PP2: NIB - Nacionalni inštitut za biologijo PP3: ESOTECH, družba za razvoj in izvajanje ekoloških in energetskih</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			<p>treatment plant are planned.</p>	<p>national Italian and Slovenian legislation for the sector were completed.</p> <p>2 pilots were developed, tested and applied to control, monitor and manage the waste for conservation of the marine environment. Specifically: 1 pilot underwater cleaning system and 1 modular wastewater treatment plant were achieved, along with additional activities on the field.</p>	<p>projektov, d.d. PP4: CORILA - Consorzio per il coordinamento delle ricerche inerenti al sistema lagunare di Venezia PP5: COMET S.C.R.L. Cluster Metalmeccanica Friuli Venezia Giulia</p>
33	<p>PA3 - GREVISLIN: Green infrastructures for the conservation and improvement of the condition of habitats and protected species along the rivers</p> <p>STRATEGIC PROJECT</p>	<p>Creation of green infrastructures in NATURA 2000 in the Isonzo area,</p>	<ul style="list-style-type: none"> • Inventories of the mapping of green infrastructure zones in the cross-border area to be created • Monitoring of the basins of 3 rivers as for surface waters and fish communities • Harmonization of Slovenian and Italian methodologies for assessing the state of the waters • First collection of data on common pests in agriculture • Promotion of the use of sustainable agricultural practices 	<p>Pilot activities were carried out, identification of best practices for awareness raising for local communities, agricultural operators and visitors with regard to the efficiency of ecosystem services.</p> <p>Preparation of a multi-year cross-border plan for the development of green infrastructures as well as the introduction of cross-border monitoring of the state of water, which involved the improvement of species and habitats in Natura 2000 areas.</p> <p>Inventories of the mapping of green infrastructure zones in the cross-border area.</p> <p>Monitoring of the basins of 3 rivers: Isonzo, Vipava and Livenza, as for surface waters and fish communities.</p> <p>Harmonization of Slovenian and Italian methodologies for assessing the state of the waters achieved.</p> <p>In the municipality of Postojna, a pedestrian walkway was inaugurated near the Pivka river.</p>	<p>VP: RRA SEVERNE PRIMORSKE d.o.o. Nova Gorica; PP2: Občina Ajdovščina; PP3: Mestnaobčina Nova Gorica; PP4: Inštitut zavode Republike Slovenije; PP5: Agencija Republike Slovenije za okolje; PP6: Kmetijsko gozdarska zbornica Slovenije - Kmetijsko gozdarski zavod Nova Gorica; PP7: Občina Postojna; PP8: Autorità di bacino distrettuale delle Alpi Orientali; PP9: Regione Autonoma Friuli Venezia Giulia; PP10: Agenzia Regionale per la protezione dell'ambiente del Friuli Venezia Giulia; PP11: Consorzio di Bonifica della Venezia Giulia;</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
					PP12: Comune di Staranzano - Organo gestore Riserva Naturale Foce ISONZO; PP13: Regione del Veneto; PP14: Agenzia Veneta per l'innovazione nel Settore Primario-Veneto Agricoltura
34	PA3 - MEDS GARDEN: An indigenous Mediterranean Garden and culinary art for the preservation of the typical regional identity STANDARD PROJECT	The project aims at the development, conservation and attractiveness of the cultural landscape.	<ul style="list-style-type: none"> The activities foreseen encompass an innovative educational tourism related to native plants, local cuisine and products of the northern Adriatic. 	<p>Gardens - open to the public upon notification of the visit - offer training, teaching, courses, cooking workshops and guided tours for visitors of various target groups: children, students, technicians and professionals from the agricultural world, tour operators and tourists.</p> <p>Five Mediterranean Gardens have been opened to the public, three in Slovenia (Purissima - Škofije, Boršt and Bertoki) and two in Italy (Orto del Brenta - Mira and Friùli- Pordenone);</p> <p>The concept of a typical Mediterranean garden was developed, intended for general use by all interested parties.</p> <p>A manual for the creation of a Mediterranean garden was published. It includes lists of native vegetation, the structure of the garden with a detailed description of thematic ensembles, plans for possible plantings. The aim is to provide guidance for the sustainable and environmentally friendly cultivation of native plants and the conservation of natural and cultural heritage (tangible and non-tangible).</p> <p>There was a focus on learning experiences and cognitive tourism.</p>	LP: Kmetijska Zadruga Agraria Koper, z.o.o. PP2: Mestna občina Koper PP3: Live Green - Center za Trajnostni Razvoj, z.o.o. PP4: Scuola Centrale Formazione PP5: Giuseppe Olivotti Società Cooperativa Sociale Onlus PP6: Fondazione Opera Sacra Famiglia - Impresa Sociale

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
				The demand for such experiences increased over time, over the implementation of the project (and was in line with the post-Covid tourism demand of outdoor tourism)	
35	PA3 - MERLINcv : Multisensorial experiences linked to the castles and villas of the cross-border region for excellence in tourism STRATEGIC PROJECT	Multisensorial experiences linked to the castles and villas of the cross-border area	<ul style="list-style-type: none"> • Increase the tourist attractiveness and visibility of the Programme area through integrated sustainable models that favor the creation of innovative tourism products • Investments for innovative marketing products foreseen • Technical-specialist content based on scientific conference and content to be developed for the enhancement of cultural heritage • Harmonization of criteria for creating a virtual platform for excellence in tourism for promotion and dissemination of project results needed 	<p>The cycle path has been arranged in the Municipality of Pivka and in the Consorzio Comunità Collinare del Friuli area and the plans for the revitalization of the Salzano spinning mill have been prepared.</p> <p>Systematic marketing actions were carried out (on social networks, important portals such as that of the broadcaster RTV SLO and print media - the project was presented in the Platinum magazine, attached every week to the newspaper Il Sole 24 Ore)</p>	<p>LP: Znanstveno-raziskovalno središče Koper/Capodistria (SLO)</p> <p>PP2: Dipartimento di Studi Umanistici - Università Ca' Foscari Venezia</p> <p>PP3: Turistično gostinska zbornica Slovenije</p> <p>PP4: Comune di Salzano</p> <p>PP5: ARIES - società consortile a responsabilità limitata</p> <p>PP6: Consorzio Comunità Collinare del Friuli</p> <p>PP7: Občina Pivka</p> <p>PP8: Občina Tolmin</p>
36	PA3 - NAT2CARE : Engagement of Citizens for the Restoration and Conservation of	Nat2Care focused on the protection and enhancement of biodiversity in the Natura 2000	<ul style="list-style-type: none"> • exchange of information and development of common methodologies for the management of species and habitats; 	<p>Sharing and fine-tuning cross-border monitoring focusing on the rock ptarmigan and the Alpine longhorn beetle</p> <p>Initiatives for active management of habitats</p> <p>Collection of data for the evaluation of the ecosystem</p>	<p>LP: Ente parco naturale delle Prealpi Giulie</p> <p>PP2: Javni zavod Triglavski narodni park</p> <p>PP3: Ente Parco</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
	cross-border Natura 2000 areas STANDARD PROJECT	areas of the mountain territory in Friuli Venezia Giulia and Slovenia.	<ul style="list-style-type: none"> evaluation of ecosystem services; awareness raising for stakeholders, citizens and young generation on natural heritage 	<p>services involved more than 2,000 people</p> <p>Awareness raising activities to improve knowledge and conservation of the Natura 2000 areas of the cross-border area were carried out. They involved around 4,000 people, especially young people.</p> <p>Development of common monitoring protocols for fauna (large carnivores, ungulates, avifauna and alpine rosalia) and periglacial flora.</p> <p>Pilot actions have been carried out for the management of significant habitats and defined methodologies for assessing ecosystem services.</p>	<p>naturale regionale delle Dolomiti Friulane</p> <p>PP4: Università degli Studi di Udine - Dipartimento di Scienze AgroAlimentari, Ambientali e Animali</p> <p>PP5: NIB - Nacionalni inštitut za biologijo</p> <p>PP6: Biotehniški center Naklo</p>
37	PA3 - RETRACKING: Towards the circular economy: traceability of manufactured products made from Fibre-Reinforced Composites (FRC) STANDARD PROJECT	The project intended to develop an innovative management strategy for the recovery of FRC waste, based on the analysis and registration of materials and traceability of “secondary raw material”, as well as testing of innovative technologies for waste management	<ul style="list-style-type: none"> Creation of a new management model for the recovery, treatment and transformation of Reinforced Fiber Composites 	<p>The project aimed at creating the conditions for moving from a linear economy to the circular economy.</p> <p>A pilot plant capable of recycling production waste and scraps, and to produce new 100% recyclable products from secondary raw materials was created.</p> <p>An ICT platform for process management enabling the traceability of new products marked with RFID and the management of the life cycle of new products was achieved.</p>	<p>LP: Polo Tecnologico Alto Adriatico Andrea Galvani SCpA</p> <p>PP2: Gees Recycling Srl</p> <p>PP3: Zavod za gradbeništvo Slovenije</p> <p>PP4: Infordata Sistemi Srl</p> <p>PP5: Gospodarska Zbornica Slovenije</p>
38	PA3 - PRIMIS: multicultural journey	The main objective of the	<ul style="list-style-type: none"> The project aimed to enhance the linguistic, 	In the last period, the creation of the multimedia platform and related digital tourist guide has been	<p>LP: Unione Italiana</p> <p>PP2: ATS Projekt;</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
	between italy and slovenia through the prism of minorities STRATEGIC PROJECT	project is the enhancement of the common linguistic, cultural and natural heritage of the minorities of the Program area in order to attract sustainable cultural tourism.	cultural and natural heritage of the linguistic communities of the Program area (Slovene and Italian national minorities, as well as linguistic communities such as Cimbri, Ladin, Friulian) so that multiculturalism and multilingualism are an added value for the sustainable tourism. • The expected results include the creation of 4 multimedia centres, a multimedia platform and a digital guide, as well as cultural events and information/training activities.	completed. The platform is accessible at the link https://primisproject.regione.veneto.it/home/about . 2 of the 4 multimedia centers dedicated to minorities are operational. The "CICO" of Santo Stefano di Cadore and the one at the Bibione lighthouse are open to the public, while the "Narodni Dom" of Trieste and Palazzo "Gravisi-Buttorai" in Koper/Capodistria are under construction and will be completed by the closing date of the project. Cultural events and training activities were completed.	PP3: Regione del Veneto - Direzione Relazioni Internazionali Comunicazione e SISTAR - U.O. Cooperazione internazionale; PP4: CAN Costiera; PP5: Regione Autonomia Friuli Venezia Giulia - Direzione Centrale Cultura e Sport; PP6: SDGZ - URES; PP7: RRA Zeleni kras, d.o.o.; PP8: Turistično gostinska zbornica Slovenije (TGZS); PP9: Fondazione Centro Studi Transfrontaliero del Comelico e Sappada; PP10: GAL Venezia Orientale
39	PA3 - TARTINI: Cultural tourism in the sign of Giuseppe Tartini STANDARD PROJECT	Promotion and conservation of cultural heritage	<ul style="list-style-type: none"> conservation, enhancement and development actions promotion of Tartini's cultural heritage enhancement of the demand for sustainable tourism in the area. 	Renovation of the birthplace of the musician Giuseppe Tartini and implementation of a visitor center and a new itinerary multimedia museum in the birthplace. Creation of the "TARTINI" brand, which enhances and promotes what the artist has created and a cross-border cultural itinerary dedicated to important places for the musician.	LP: Občina Piran PP2: Associazione "Comunità italiana Giuseppe Tartini" di Pirano PP3: Festival di Lubiana PP4: Conservatorio di

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
				<p>Numerous dissemination-cultural activities carried out, major events held in Pirano, Trieste and Ljubljana.</p> <p>A publication was produced containing the musician's epistolary correspondence, which includes 187 letters. The results of the project and the digitized recordings of the works are available on the www.discovertartini.eu portal.</p>	<p>Musica Giuseppe Tartini PP5: Segretariato Esecutivo dell'Iniziativa Centro Europea PP6: Università degli Studi di Padova, Dipartimento di studi linguistici e letterari</p>
40	<p>PA3 - TRETAMARA: Trezze, Tegnue and marine environments of the upper Adriatic: management proposals</p> <p>STANDARD PROJECT</p>	<p>Management proposals of marine environments of the upper Adriatic</p>	<p>Outline shared guidelines at transnational level, for an integrated management plan of marine habitats with high ecological value, also through targeted actions with a high innovation content, which harmonizes and incorporates existing management plans; promote social awareness of the high ecological value of trezze, tegnue, detrital environments and cladocora formations.</p>	<p>Drafting of a transnational analysis document of the management plans of the marine and coastal protected areas of the Upper Adriatic.</p> <p>All the pilot actions with reference to those on calcareous algae, the Pinna nobilis and the Cladocoraca espitosa are concluded (sampling, geophysical surveys, Structure-from-Motion surveys)</p>	<p>LP: Istituto Nazionale di Oceanografia e di Geofisica Sperimentale - OGS PP2: Shoreline società cooperativa PP3: Istituto nazionale di biologia PP4: Consiglio Nazionale delle Ricerche</p>
41	<p>PA3 - VISFRIM: Vipava/Vipacco and Other Transboundary River Basins Flood Risk Management</p> <p>STRATEGIC PROJECT</p>	<p>Water-related risk management for the Vipava river basin and other cross-border basins (joint measures of mitigation of hydro-geological risk due to urbanisation and climate change in the international basins of the</p>	<ul style="list-style-type: none"> • Shared data and development of models for simulating flooding; • Green IT tools to promote active participation of citizens; • environmental monitoring and small structural works with low environmental impact; • Methodologies and operational technological 	<p>Data have been used for development of shared hydrological and hydraulic models for the Lemene basin, through which simulations of alluvial processes can be carried out for assessing water-related hazards</p> <p>Within Lemene basin two new hydrometric stations have been installed</p> <p>3 construction sites in Slovenia (Soča and Vipava rivers)</p>	<p>LP: Autorità di bacino distrettuale delle Alpi Orientali PP2: Città Metropolitana di Venezia PP3: Regione Autonoma Friuli Venezia Giulia PP4: Regione del Veneto PP5: Direkcija Republike Slovenije za vode PP6: Agencija Republike Slovenije za Okolje</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
		Isonzo and Vipacco rivers and in the inter-regional basin of the Lemene river,	<p>tools for the implementation of the existing flood risk management plans)</p> <ul style="list-style-type: none"> Collection harmonization and sharing of environmental data and studies concerning floods 		<p>PP7: Občina Miren-Kostanjevica PP8: Mestnaobčina Nova Gorica PP9: Občina Postojna PP10: Občina Šempeter-Vrtojba PP11: Občina Vipava</p>
42	PA3 -WALKofPEACE : First World War heritage STRATEGIC PROJECT	The sustainable development of First World War heritage between the Alps and the Adriatic	<ul style="list-style-type: none"> Creation of the "Walk of Peace" brand, Extension of the "Walk of Peace" path - which now includes 400 km from the Alps to the Adriatic and which will be suitably signposted within the start of the tourist season Restoration of the Church of the Holy Spirit in Javorca completed Creation of a new interactive web page www.thewalkofpeace.com Implementation of researches and investments on the heritage of the WWI 	<p>Creation of the "Walk of Peace" brand achieved. Extension of the "Walk of Peace" path - which now includes 400 km from the Alps to the Adriatic and which will be suitably signposted within the start of the tourist season. Restoration of the Church of the Holy Spirit in Javorca completed. Creation of a new interactive web page www.thewalkofpeace.com completed Implementation of researches and investments on the heritage of the World War I achieved. Organization of events that attracted people from the entire Program area (concert for peace, held in Kobarid in August 2019 dedicated to the memory of all the victims of WWI and for the value of peace for modern generations; cross-border conference "Why the path of peace" held in Nova Gorica late November 2019) PRIZE OF THE EC achieved.</p>	<p>LP: Posoški razvojni center PP2: Regione del Veneto PP3: Ustanova "Fundacija Poti miru v Posočju" PP4: Associazione GAL Venezia Orientale PP5: Znanstvenoraziskovalni center Slovenske akademije znanosti in umetnosti PP6: Promo Turismo FVG PP7: Mestna Občina Nova Gorica PP8: Ente Regionale per il Patrimonio Culturale della Regione Autonoma Friuli Venezia Giulia PP9: Javnizavod - Park vojaške zgodovine PP10: Comune di</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
					Ragogna
43	<p>PA3 - Waste Design: use of innovative green technologies for the collection of municipal waste and the promotion of the recycling culture</p> <p>STANDARD PROJECT</p>	<p>The project aimed to rationalize the collection of urban solid waste and to reduce it through the use of green technologies, as well as to reduce the production of unsorted waste through an action to raise awareness of citizens on circular economy issues.</p>	<p>Main outputs:</p> <ul style="list-style-type: none"> • pilot digitized monitoring system; • 3 pilot actions on the use of intelligent underground or basement bins. • cross-border collaboration for the verification of 2 new technologies within the participating municipalities, which have similar urban characteristics and similar criticalities: coastal municipalities and small historical centers. 	<p>During the implementation phase of the project, three partnership meetings were organized to exchange experiences and plan the project activities.</p> <p>As part of the project, three underground ecological islands were built, one in Isola and two in Postojna.</p> <p>An innovative street furniture plan (IUAV) has been developed which will be implemented and placed in the area identified by the end of the project.</p> <p>Activities are also continuing to set up a reuse center (Isontina Ambiente) and to develop a pilot digital system for waste disposal.</p>	<p>LP: Občina Postojna PP2: Javno podjetje Komunala Izola PP3: Università di Venezia (IUAV) PP4: Isontina Ambiente</p>
44	<p>ISONZO-SOCA</p> <p>I.T.I. project</p>	<p>Construction, in Gorizia, Nova Gorica and Šempeter-Vrtojba, of a cross-border network of cycle and pedestrian paths along the Isonzo river and along the State border</p>	<ul style="list-style-type: none"> • conservation, protection, recovery and development of the natural and cultural heritage of the cross-border area along the Soča-Soča river • creation of a network of cycle-pedestrian paths and tourist-recreational infrastructures <p>preparation of an integrated communication and promotion plan</p>	<p>Works on 4 lots completed</p> <p>Completed the works of Lot 1 "Recreational area of Vrtojba";</p> <p>Completed the works of Lot 2 "Passerella sull'Isonzo near Salcano - Solkan";</p> <p>Completed the works of Lot 3 - "Construction of a cycle route along the state border";</p> <p>Completed the works of Lot 4 - "Construction of cycle paths along the Isonzo river".</p>	<p>EGTC GO Comune di Gorizia Mestna občina Nova Gorica Občina Šempeter-Vrtojba</p>
PA4					

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
45	<p>PA4 - C3B: cross-border platform for an efficient management of biobanks</p> <p>STANDARD PROJECT</p>	<p>The main objective of the project is to build capacity for inter-institutional collaboration by encouraging public authorities and key stakeholders in the health care sector in the PA to create joint solutions for system harmonization and efficient cross-border biobanking,</p>	<ul style="list-style-type: none"> • Through a common platform for the harmonization of biobanking and the creation of the first pilot cross-border biobank of biological samples of liver diseases. • A biobank is a collection of biological material and associated data intended for use in research and clinical care. • Establishing harmonized and shared biobanks that comply with GDPR, national and EU legislation and ethical standards is a common challenge in the program area (PA). • The current absence hinders the management and exchange of biological samples necessary for standardized and quality research. • The project will lead to the development of a common biobank model with integrated cross-border management and supported by the local authorities. 	<p>Thanks to cross-border collaboration between research centres, hospitals and public administrations, the program area turned into fertile ground for the development of biobanks to support research activities.</p> <p>Through the sharing of protocols, management guidelines were defined which allow the harmonization of procedures, models and databases.</p> <p>With the launch of the pilot action: the C3B project set up the first biobank dedicated to liver diseases in the cross-border area</p>	<p>LP: Fondazione Italiana Fegato - ONLUS PP2: Zavod Republike Slovenije za transfuzijsko medicino (ZTM) PP3: Università degli Studi di Trieste - Dipartimento Universitario Clinico di Scienze Mediche Chirurgiche e della Salute PP4: Azienda ULSS 3 Serenissima PP5: Univerza v Ljubljani, Medicinska fakulteta PP6: Experteam srl</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
46	<p>PA4 - CB_WBL: Slovenian-Italian alliance for cross-border work-based learning</p> <p>STANDARD PROJECT</p>	Strengthen cooperation between public training institutions and businesses	<ul style="list-style-type: none"> strengthen cooperation between public training institutions and companies in the Program area in work-based learning, with the help of innovative approaches and shared standards for the creation of cross-border mobility paths 	<p>Cross-border workshops held in Nova Gorica, Udine and Vila Vipolže “Development of cooperative skills in VET”</p> <p>Signing of the Memorandum of Understanding on cross-border collaboration between VET stakeholders from Italy and Slovenia</p> <p>Cross-border courses in Nova Gorica, Udine and Sagrado “Cross-border learning paths at work”</p> <p>Design and promotion of the digital platform INPRAXI.INFO, accessible through the domain www.inpraxi.info</p>	<p>LP: Zadrūžni center za socialno dejavnost / Centro cooperativo di attività sociali - Cooperativa sociale - Società cooperativa</p> <p>PP2: Center Republike Slovenije za poklicno izobraževanje</p> <p>PP3: Gospodarska zbornica Slovenije</p> <p>PP4: Šolski center Nova Gorica</p> <p>PP5: Ecipa Società Consortile a R.L.</p>
47	<p>PA4 - CLEAN BERTH: Cross-border institutional cooperation for ports environmental sustainability and energy efficiency</p> <p>STANDARD PROJECT</p>	Cross-border institutional cooperation for environmental sustainability and energy efficiency of ports	<ul style="list-style-type: none"> strengthen the institutional capacity of the ports in the Program Area create the basis for a coordinated and permanent governance in the field of environmental sustainability and port energy efficiency at cross-border level, jointly developing action plans and a long-term strategy 	<p>Elaboration of the carbon footprint of the ports of the Programme Area</p> <p>Drafting of the local action plans</p> <p>Implementation of pilot actions: noise monitoring, installation of charging stations, purchase of e-cars, radar for detecting pollutants at sea and replacement of lighting with LED systems.</p> <p>A Protocol on Cross-border institutional cooperation for ports environmental sustainability and energy efficiency was signed for the application of a joint cross-border strategy</p>	<p>LP: Autorità di Sistema Portuale del Mare Adriatico Orientale</p> <p>PP2: Consorzio per lo sviluppo economico del Friuli</p> <p>PP3: Autorità di Sistema Portuale del Mare Adriatico Settentrionale - Porti di Venezia e Chioggia</p> <p>PP4: Luka Koper, pristaniški in logistici sistem, d.d.</p> <p>PP5: Univerzana Primorskem/Università del Litorale</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
48	<p>PA 4 - CROSS CARE: Integrated cross-border approach in the care of the elderly</p> <p>STANDARD PROJECT</p>	<p>improve the capacity for institutional cooperation in healthcare service (public and private) dedicated to caring for the elderly</p>	<ul style="list-style-type: none"> institutional cooperation between territorial services dedicated to elderly identification of the needs, resources and desires of the elderly 	<p>Cross Care introduced a rating and innovative multidimensional scale, shared between Italy and Slovenia.</p> <p>Cross Care fostered institutional cooperation between territorial services dedicated to elderly care to encourage the planning of joint solutions for aging generation, through a cross-border model of assistance.</p> <p>The model identified a new professional figure, the "care manager", providing for the establishment of Senior Service Points within the Elderly homes and qualified the home service.</p>	<p>LP: Cooperativa Itaca società cooperativa sociale onlus</p> <p>PP2: Azienda Pubblica di Servizi alla Persona ITIS</p> <p>PP3: Residenza per Anziani Giuseppe Francescon</p> <p>PP4: Obalni dom upokojencev Koper - Casa costiera del pensionato Capodistria</p> <p>PP5: DEOS, celostna oskrba starostnikov, d.o.o.</p> <p>PP6: Inštitut RS za Socialno Varstvo</p>
49	<p>PA4 - CROSSIT SAFER: Cross-border cooperation between Slovenia and Italy for a safer region</p> <p>STRATEGIC PROJECT</p>	<p>Strengthening institutional cooperation in the field of civil protection</p>	<ul style="list-style-type: none"> Meetings on cross-border protocols Meetings focused on the guidelines for emergency mapping Meetings on unmanned aircraft Aim of creating a common cross-border protocol Data exchange for the assessment of seismic risk and fire risk Organisation of exercises for Civil Protection Units Public awareness raising 	<p>Seismic and fire risk assessment carried out</p> <p>Common cartographic layers defined for the geographic databases and web-gis</p> <p>Two agreements stipulated, one between the Friuli Venezia Giulia and Veneto Regions approved by the respective Governments and a cross-border one between the Firemen for the management of natural emergencies and other risks</p>	<p>LP: Regione Autonoma Friuli Venezia Giulia - Protezione Civile</p> <p>PP2: Občina Ajdovščina</p> <p>PP3: Gasilska Zveza Slovenije</p> <p>PP4: Gasilska Enota Nova Gorica</p> <p>PP5: ZGRS Sežana</p> <p>PP6: Regione Veneto - Direzione Protezione Civile e Polizia Locale</p> <p>PP7: Università degli Studi di Padova (DICEA)</p> <p>PP8: Città</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			activities		Metropolitana di Venezia PP9: Občina Postojna
50	PA4 - EDUKA2 : For a cross-border governance of education STANDARD PROJECT	Strengthen cross-border cooperation and governance in the education sector	<ul style="list-style-type: none"> strengthen cross-border cooperation and governance in the education sector through the creation of shared teaching tools and training models. Joint solutions planning and implementation for the development of joint governance tools and shared teaching models 	<p>Strategic document containing shared teaching models with 41 teaching units for schools and various e-learning courses for teachers.</p> <p>Knowledge promotion of the unity of the cross-border territory and the consolidation of linguistic-cultural skills among young people.</p>	<p>LP: Slovenski Raziskovalni Inštitut/Istituto Sloveno di Ricerche</p> <p>PP2: Inštitut za narodnostna vprašanja</p> <p>PP3: Societât Filologjiche Furlane - Società Filologica Friuliana</p> <p>PP4: Univerza v Novi Gorici</p> <p>PP5: Università Ca' Foscari Venezia</p> <p>PP6: Univerza na Primorskem/Università del Litorale</p>
51	PA4 - FORTIS : Strengthening institutional cooperation in the cross-border area through innovative solutions in public transport and civil motorization procedures STANDARD PROJECT	Strengthening institutional cooperation in the cross-border area through innovative solutions in public transport and civil motorization procedures (<ul style="list-style-type: none"> encourage institutional dialogue and the adoption of joint solutions; improve mutual knowledge in the field of civil motorization procedures; improve cross-border public transport connections, experimenting with innovative solutions; set up cross-border cooperation networks on project issues. 	<p>The partners worked on the analysis of public transport connections in the cross-border area between Italy and Slovenia and defined a set of strategic priorities to support sustainable mobility solutions along the border.</p> <p>These solutions were proposed to the political decision-makers during the technical discussions between the Friuli Venezia Giulia Region and the Slovenian Ministry of Infrastructure. In addition, effective cooperation has been established between the competent motor vehicle authorities.</p>	<p>LP: Segretariato Esecutivo dell'Iniziativa Centro Europea</p> <p>PP2: Regione Autonoma Friuli Venezia Giulia, Direzione Centrale Infrastrutture e Territorio</p> <p>PP3: Comune Città di Capodistria</p> <p>PP4: Agenzia regionale</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
					per lo sviluppo della regione metropolitana di Ljubljana PP5: Unioncamere del Veneto
52	PA 4 - GeoKarst: Establishment of the cross-border geopark on the Karst STANDARD PROJECT	Establishment of the cross-border geopark on the Karst	<ul style="list-style-type: none"> Strengthen the institutional cooperation to create joint solutions increase the intensity of cooperation thanks to the exchange of experiences and the transfer of good practices 	The cross-border management plan was achieved. The establishment of the cross-border geopark (with the signing of the protocol for the joint approval of the establishment) The application dossier for the global network of UNESCO geoparks was prepared	LP: ObčinaSežana PP2: Regione Autonoma Friuli Venezia Giulia - Direzione centrale difesa dell'ambiente, energia e sviluppo sostenibile - Servizio geologico PP3: Javnizavod Park Škocjan skejame, Slovenija PP4: Regione del Veneto - Area Tutela e Sviluppo del Territorio Direzione Difesa del Suolo
53	PA4 - HARMODATA: Harmonization of data for cross-border territory management STANDARD PROJECT	Institutional cooperation between public authorities and main territorial planning operators	<ul style="list-style-type: none"> Strengthening the capacity for institutional cooperation between public authorities and main territorial planning operators in order to create joint solutions aimed at the harmonization of systems and more effective management of the cross-border area Creation of a cross-border 	Implementation of a cross-border model for the management of the territory of the Programme area. Intensive joint training program in the field of cross-border land management for strengthening the capacity of the public service and civil society in multi-level management of the territory. Creation of a cross-border platform of data harmonization (www.harmo-data-geoportal.eu).	LP: Geodetski inštitut Slovenije PP2: Geodetska uprava Republike Slovenije PP3: Igea, Svetovanje in storitve s področja nepremičnin, infrastrukture in prostora, d.o.o. PP4: Insiel S.P.A. PP5: Università degli Studi di Trieste PP6: Terre Srl

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			platform for the harmonization of territorial data		
54	PA 4 - INTEGRA: Cross-border network for migrant women: social integration, sexual and reproductive health STANDARD PROJECT	The INTEGRA project aimed to address a rather unexplored topic: the protection of sexual and reproductive health of migrant women coming from cultures with a strong patriarchal imprint.	<ul style="list-style-type: none"> The overall objective of the project was to increase the knowledge and cross-border cooperation of health operators on the topic of sexual and reproductive health of migrant women, especially those at risk of female genitalia mutilation and forced marriages 	<p>Common intervention protocol.</p> <p>It was innovative to transfer good practices to deal with a phenomenon involving the whole programme area and resulting relatively new for Slovenian facilities.</p> <p>Universities, healthcare facilities and local associations actively participated in project activities.</p>	<p>LP: Università degli Studi di Trieste Dipartimento di Scienze Politiche e Sociali - DiSPeS</p> <p>PP2: I.R.C.C.S. materno infantile Burlo Garofolo</p> <p>PP3: Univerza na Primorskem - Fakulteta za vede o zdravju; Università del Litorale - Facoltà di Scienze della Salute</p> <p>PP4: Bolnišnica Postojna</p>
55	PA 4 - MEMORI NET: Network for mental and motor rehabilitation of stroke STANDARD PROJECT	The project MEMORI-net set out to create a joint institutional framework for the management of rehabilitation courses for post-stroke patients	<ul style="list-style-type: none"> joint effort to improve post-stroke rehabilitation management; define common protocols on the most advanced scientific knowledge and international best practices. 	<p>With more than 4000 new cases / year in the programme area, stroke is one of the most pressing causes of intellectual and motor disability. It can hurt people in productive years, leaving deep consequences on the health care system, families and the whole local economy.</p> <p>MEMORI-net partners cooperated to improve post-stroke rehabilitation management strategies.</p> <p>All the centers involved in the various rehabilitation phases adopted a Therapeutic Assistance Diagnostic path (PDTA) with common standardized protocols for the assessment of the deficit of patients and for the integrated cognitive-motor rehabilitation.</p> <p>An ICT platform to facilitate cooperation between institutions, stakeholders and families was developed.</p>	<p>LP: Università degli Studi di Trieste - Dipartimento di Scienze della Vita</p> <p>PP2: Ospedale San Tommaso dei Battuti, Azienda ULSS n. 10 "Veneto Orientale" - Portogruaro</p> <p>PP3: Splošna Bolnišnica Izola - Izola</p> <p>PP4: Znanstveno raziskovalno središče Koper - Centro di Ricerche Scientifiche Koper</p> <p>PP5: Scuola Internazionale Superiore</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
					di Studi Avanzati SISSA PP6: Univerza v Novi Gorici UNG - Nova Gorica Centre for Systems and Information Technologies and Center for Biomedical Sciences and Engineering
56	PA4 - NEX AID: cross-border network on health emergency systems and management of maxi emergencies STANDARD PROJECT	The project represents the first case of management of maxi-emergencies in a cross-border context.	<ul style="list-style-type: none"> • Implement cross-border health cooperation through the preparation and implementation of shared protocols and agreements for the joint management of emergency interventions; • Identify the optimal joint solutions in order to harmonize the management of first aid emergencies in the cross-border area; • Implement ECM-accredited health training courses for Italian and Slovenian health personnel working in the emergency field; • The expected change is represented by the creation of a permanent cross-border network of health emergency systems 	<p>The protocols for radio communication in the cross-border area, on the PEIMAF (Emergency Plan in the event of a massive influx of injured people) and on the management of the patient with polytrauma were approved and signed.</p> <p>The analysis of the data relating to the management of emergency interventions and the elaboration of the joint intervention model have been completed. Two simulation events were carried out with the involvement of all partners and local authorities.</p> <p>Joint MRMI, maxi-emergency/NBCR, pBLSD, Sim-Man and PHTC training courses were held.</p>	LP: Azienda ULSS 3 Serenissima PP2: Splošna Bolnišnica Izola / Ospedale Generale Isola PP3: Splošna Bolnišnica Jesenice PP4: Comune di Venezia PP5: Azienda Sanitaria Universitaria Giuliano Isontina PP6: Zdravstveni dom Osnovno Varstvo Nova Gorica

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			<p>for the preparation and implementation of shared protocols and cross-border agreements;</p> <ul style="list-style-type: none"> The foreseen target group is very wide: public institutions, healthcare facilities, healthcare professionals and patients. 		
57	<p>PA4 - SECNET: Cross-border institutional cooperation for the strengthening of port security</p> <p>STANDARD PROJECT</p>	Strengthen the institutional capacity of ports	<ul style="list-style-type: none"> strengthen the institutional capacity of the ports of the Programme Area, strengthen their security and competitiveness create the basis for a coordinated and permanent governance of port security at a cross-border level joint development of long-term action plans and strategies, increasing coordination and cooperation between ports 	<p>Drafted a cross-border action plan.</p> <p>Concrete pilot actions on both physical and cybersecurity implemented by each port.</p> <p>Development of a common strategy as the basis for the protocol for the institutionalization of a cross-border cooperation system in the field of port security (signed in the final project conference, Trieste March 28, 2019).</p>	<p>LP: Autorità Portuale di Trieste</p> <p>PP2: Iniziativa Centro Europea - Segretariato Esecutivo</p> <p>PP3: Università degli Studi di Trieste</p> <p>PP4: Autorità Portuale di Venezia</p> <p>PP5: Luka Koper, pristaniški in logistini sistem, d.d.</p> <p>PP6: Univerza na Primorskem</p>
58	<p>SALUTE-ZDRAVSTVO</p> <p>I.T.I. project</p>	construction of a network of cross-border healthcare services	<ul style="list-style-type: none"> enhance the offer and improve the quality of social and health services for the population living in the area where the EGTC GO is established and in the border areas where 	<p>The cross-border Single Reservation Center (CUP) has been launched.</p> <p>In the field of mental health protection, two cross-border agreements were signed, two training courses and the "health budget" activities were concluded.</p>	<p>EGTC GO</p> <p>ASUGI (Azienda sanitaria universitaria Giuliano Isontina)</p> <p>Splošna bolnišnica "dr. Franca Derganca" Nova Gorica</p> <p>Zdravstveni dom</p>

No.	Project	Main topics	Expected Output	Output delivered	Partners and areas involved
			<p>the cross-border Public Bodies involved operate</p> <ul style="list-style-type: none"> strengthen the institutional cooperation capacity through the mobilization of the Public Authorities and operators in order to plan shared solutions based on common needs in the socio-health services sector 	<p>In the field of autism, two training courses (ESDM and CAA) were completed, a medical protocol was signed, the premises adapted and the equipment purchased for the operation of the integrated medical team.</p> <p>In the field of physiological pregnancy, the activities have been completed: a cross-border agreement has been signed, the maternity ward in the general hospital of Nova Gorica has been renovated and work is underway for the construction of the Casa della donna - Parco Basaglia.</p> <p>The activities carried out in the field of social inclusion have been concluded: signing of a cross-border agreement, a training event, thematic workshops and the inauguration of three Info points.</p>	<p>Osnovno varstvo Nova Gorica Psihiatrična bolnišnica Idrija</p>