INTERREG V A Italy – Croatia CBC Programme

Factsheet n. 1
ANNEX I

Intervention logic per Specific Objective

Here below the intervention logics of each Specific Objective of the Italy-Croatia CBC Programme are presented

PRIORITY AXIS 1 "BLUE INNOVATION"

Investment priority 1b: Promoting business investment in R&I, developing links and synergies between enterprises, research and development centres and the higher education sector, in particular promoting investment in product and service development, technology transfer, social innovation, eco-innovation, public service applications, demand stimulation, networking, clusters and open innovation through smart specialisation and supporting technological and applied research, pilot lines, early product validation actions, advanced manufacturing capabilities and first production, in particular in key enabling technologies and diffusion of general purpose technologies.

Specific objective 1.1: Enhance the framework conditions for innovation in the relevant sectors of the blue economy within the cooperation area.

Expected result: to improve the performance of the Programme area in the field of innovation by establishing and developing mechanisms which contribute to a better exploitation of the existing potential.

Result indicator 1.1: Number of EPO applications.

Types of actions:
- Joint projects and actions aimed at creating platforms, networks and at supporting exchange of good practices in order to enhance the knowledge transfer and capitalization of achieved results in the field of blue economy;
- Actions aimed at cluster cooperation, joint pilot initiatives in order to boost the creation of marketable innovative processes and products, in the field of blue economy.

Output indicators:
1.1O1 – Number of enterprises receiving non-financial support;
1.1O2 – Number of enterprises receiving grants;
1.1O3 – Number of research institutions participating in cross-border, transnational or interregional research projects;
1.1O4 - Number of participants in joint local employment initiatives and joint training;
1.1O5 – Number of enterprises receiving support.

Examples of Actions
- Joint development of cross-border supply chains by investing in research and innovation;
- Establishment of cross-border clusters in complementary areas of smart specialization;
- Joint development of links and synergies between enterprises, R&D centres, education and the public sector, which shall facilitate the transfer of knowledge between them, shall disseminate the results of previous initiatives in the field of R&D, and shall facilitate the development of new initiatives in this field;
- Joint development of human capital, increasing skills regarding novel technologies (e.g. eco-innovation, low-carbon technologies, ICT, key enabling technologies, etc.), common development of innovative products, services or processes particularly for SMEs;
- Joint design / testing of innovative processes in the relevant sectors of the blue economy including aquaculture and sustainable fisheries with special reference to species, management techniques and breeding, fish welfare and disease control, seafood processing also to reduce the environmental impact of these activities;
- Joint development and piloting of eco-innovative tools and processes in the blue economy relevant sectors;
- Joint development and piloting of social innovation actions in the blue economy relevant sectors including awareness rising actions (i.e. e-health, education, digital divide, start up, labour market change, intellectual property rights);
- Joint actions aimed at improving the access to financing for R&D activities through trainings, information, awareness raising campaigns related to different opportunities.

Target Groups:
- general public;
- local, regional and national public authorities;
- regional and local development agencies, chambers of commerce and other business support organisations;
- SMEs;
- universities, technology transfer institutions, research institutions;
- centers of R&D excellence;
- NGOs, associations, innovation agencies, business incubators, cluster management bodies and networks;
- education and training organisations as well as social partners and labor-market institutions.

PRIORITY AXIS 2 "SAFETY AND RESILIENCE"

Investment priority 5a: Supporting investment for adaptation to climate change, including ecosystem-based approaches

Specific objective 2.1: Improve the climate change monitoring and planning of adaptation measures tackling specific effects, in the cooperation area

Expected result: to improve the climate change monitoring and planning of measures for strengthening the adaptation capacity of the region while increasing the resilience of the territory including its natural environment. The main expected effects of climate change for which this SO aims to develop the area's adaptation capacity are sea level rise, flooding (in both coastal and hinterland areas), accelerated coastal erosion, subsidence, increasing water temperatures, acidification of the marine waters, saltwater intrusion into freshwater systems, increased occurrence of heavy rainfall and severe droughts and fires.

Result indicator 2.1: Inhabitants benefiting from planning of adaptation measures

Types of actions:
- Actions aimed at improving the knowledge base, data and monitoring systems supporting adaptation capacity;
- Actions aimed at increasing the capacity for planning of adaptation measures.

Examples of Actions:
- adoption of downscaled (Italy-Croatia area) climate data for better assessing local impacts and selecting adaptation strategies;
- setting up of common/ integrated/ harmonized monitoring and observing systems, model, spatial data infrastructures to improve the assessment and forecast capabilities, support the planning and design phase, promote the resilience to climate change;
- strengthening the capacity of public sector to develop and implement innovative services, incentives and financing schemes for increasing resilience to climate change;
- elaboration of strategic planning, action plans and other instruments for climate change adaptation.

Output indicators:
2.1O1 - Climate change monitoring systems put in operation;
2.1O2 - Plans of adaptation measures put in place.

Target Groups:
- general public;
- local, regional and national public authorities and related entities;
- regional and local development agencies, environmental agencies and regional associations;
- NGOs;
- education and training centers;
- universities and research institutes.

PRIORITY AXIS 2 "SAFETY AND RESILIENCE"

Investment priority 5b: Promoting investment to address specific risks, ensuring disaster resilience and developing disaster management systems

Specific objective 2.2: Increase the safety of the Programme area from natural and man-made disaster

Result indicator 2.1: Inhabitants benefiting from risk management coordinated measures

Expected result: to improve the safety the Programme area supporting the development of disaster management systems, furthering the capacity of recovery while minimising damages. The main natural and man-made disasters this SO aims to tackle are floods, fire, oil spill and other marine hazards

Types of actions:
- Actions aimed at improving monitoring of risks
- Activities aimed at increasing the management capacity of / prompt response to disasters

Examples of Actions
- establishment of better coordinated collective emergency planning and preparedness for flooding (water management, flood risk techniques, etc.) and other risks (i.e. fire, oil spill, etc.);
- joint development and implementation of awareness raising actions in the society (i.e. schools, citizen) and governance instruments;
- setting up of common framework/models/tools and pilot actions to promote the reduction of environmental risks and more coordinated/ harmonized management of the emergencies;
- development or improvement of existing early warning and decision-making support systems;
- addressing oil spill disasters with coordinated contingency plans at cross border regional scale;
- joint development of tools/methods for improvement of mapping and identification of oil spills disasters.

Output indicators:
2.2O1 - Population benefiting from forest fire protection measures;
2.2O2 - People reached by initiatives for increasing awareness;
2.203 - Population benefiting from flood protection measures;
2.204 - Population benefiting from oil spills and other marine hazards protection measures.

Target Groups:
- general public;
- local, regional and national public authorities and related entities;
- emergency services and coast guard centers;
- NGOs;
- education and training centers;
- universities and research institutes.

PRIORITY AXIS 3 "ENVIRONMENT AND CULTURAL HERITAGE"

Investment priority 6c: Conserving, protecting, promoting and developing natural and cultural heritage

Specific objective 3.1: Make natural and cultural heritage a leverage for sustainable and more balanced territorial

Expected result: to reach a higher level of sustainable economic and territorial development by exploiting the potentials of the natural assets and cultural heritage while preserving them and increasing their value

Result indicator 3.1: Seasonality in tourism in the Programme area

Types of actions:
- Actions aimed at increasing the value of natural and cultural heritage by developing and implementing protection and promotion measures;
- Actions aimed at fostering economic development by sustainable tourism or other activities based upon natural and cultural heritage protection and promotion;
- Actions aimed at decreasing the human pressure to natural and cultural heritage sites.

Output indicators:
3.1O1 - Cultural and natural heritage (tangible and intangible) promoted;
3.1O2 - Actors involved in actions aimed at promoting natural and cultural heritage (including typical products, joint branding and tourism);
3.1O3 - Natural and cultural heritage destinations with improved accessibilities (e.g.: to disabled tourists, virtual tourists etc.) in place;
3.1O4 - Beneficiaries with ecolabel/green certification.

Examples of Actions:
- development of cross border cluster of sustainable products typical of the area;
- development of marketing/ commercialization programmes for common and sustainable Adriatic products, integrating territorial services and piloting matchmaking actions (common branding included);
- support the valorisation of rural and minor natural – cultural sites by enhancing the linkage with coastal and nautical / boat tourism;
- development / enhancement of less targeted tourism itineraries link to common thematic destinations also to reduce pressure on main sites;
- support to cooperation actions for enhancing human resources in the field of sustainable tourism, natural and cultural heritage awareness and valorisation;
- development of cooperation strategies for management of preservation and valorisation of natural and cultural heritage (also by reducing human pressure and seasonalization);
- support for the knowledge and usability of the cultural and natural heritage destinations by all types of visitors including people with disabilities, improving accessibility, information, sustainability awareness, smart use of ICT;
- protection and promotion of common cultural heritage by analysis, digitalization, archiving and data sharing (i.e. virtual museum);
- protection and promotion of old crafts and tradition (e.g. historical boats sector) by mean of training and awareness raising actions;
- enhancing the cultural heritage through research activities and restoration of quality sites for territorial development.

Target Groups:
- general public;
- local, regional and national public authorities;
- public service providers;
- cultural and natural heritage management bodies;
- regional and local development agencies, enterprises (in particular SMEs within the cultural and creative industry as well as the environmental and tourism sector);
- associations, regional innovation agencies;
- NGOs;
- education and training organisations as well as universities and research institutes.

PRIORITY AXIS 3 "ENVIRONMENT AND CULTURAL HERITAGE"

Investment priority 6d: Protecting and restoring biodiversity and soil and promoting ecosystem services, including through Natura 2000, and green infrastructure

Specific objective 3.2: Contribute to protect and restore biodiversity

Expected result: to strengthen the management and protection of ecosystems and the cooperation between public actors/ managers of the protected areas in order to increase environmental benefits and to provide economic and employment opportunities

Result indicator 3.2: Excellent conservation status of habitat types and species of Natura 2000 sites in the programme area

Types of actions:
- Actions aimed at improving the knowledge base, data and monitoring systems for protecting biodiversity and ecosystems;
- Actions aimed at supporting the restoring of biodiversity.

Examples of Actions:
- development of models for species monitoring and sustainable fisheries models testing for their protection;
- analysis of feasibility for setting up CB protected marine areas;
- development of innovative models and systems for increase the marine environment knowledge also through establishment of common platform for marine research, survey habitat-biodiversity mapping, networking to gather and process data related to the sustainable development;
- development of tools for integrated management of the sea, coastal and river environment and of cross-border natural resources (i.e. coordinated Maritime Spatial Planning (MSP) and Integrated Coastal Management (ICM);
- actions aimed at reducing and preventing the environmental risk of alien species introduction due to the ballast water discharge;
- joint piloting of restoration actions for specific endangered species in the Adriatic basin;
- joint development of tools/ methods for degraded, damaged, destroyed habitats restoration (coastal dunes, etc.).

Output indicators:
3.2O1 - Natural ecosystems supported in order to attain a better conservation status;
3.2O2 - Monitoring systems and data collections for protecting biodiversity and ecosystems put in place;
3.2O3 - Restoration actions supporting endangered species;
3.2O4 - Integrated management systems (sea, coastal and river environment) put in place.

Target Groups:
- general public;
- local, regional and national public authorities;
- protected areas/ natural heritage management bodies;
- regional and local development agencies;
- associations;
- NGOs;
- education and training organizations as well as universities and research institutes.

PRIORITY AXIS 3 "ENVIRONMENT AND CULTURAL HERITAGE"

Investment priority 6f: Promoting innovative technologies to improve environmental protection and resource efficiency in the waste sector, water sector and with regard to soil, or to reduce air pollution

Specific objective 3.3: Improve the environmental quality conditions of the sea and coastal area by use of sustainable and innovative technologies and approaches

Expected result: to improve the quality of the water of the sea by using innovative technologies in waste management and treatment, as well as new integrated approaches in facing several problems, including the emerging issue of marine litter

Result indicator 3.3: Quality level of coastal bathing waters (according to the Directive 2006/7/CE)

Types of actions:
- Developing, demonstrating and implementing small-scale innovative environmental friendly technology actions and approaches;
- Innovative actions aimed at improving the knowledge on the environmental quality.

Output indicators:
3.3O1 - Environmental friendly technological solutions (and approaches) implemented;
3.3O2 - Microplastic waste collected in marine areas.

Examples of Actions:
- implementing innovative common spatial information systems on ecosystem components and human uses and activities;
- actions aimed at using green technologies for reducing and preventing all possible kinds of pollution deriving from transport and port activities;
- support cooperation among different sectors for the development of new possibilities of recycling marine litter and development of a CB strategy to assess, prevent and reduce marine litter pollution in the area;
- promoting joint innovative solutions for the protection and efficient use of water resources;
- pilot actions for the implementation of technologies aimed at contrasting marine debris (radar, sensor platform, managing of multispectral data, solutions to prevent marine debris);
- transfer of knowledge and exchange of experience on innovative (green) technologies solutions to improve efforts of different actors in protecting;
- the water, air and soil, contingency planning and promoting resources efficiency.

Target Groups:
- general public;
- local, regional and national public authorities;
- regional and local development agencies;
- SMEs and business supporting organizations;
- associations, innovation and environmental agencies;
- NGOs;
- education and training organizations as well as universities and research institutes.

PRIORITY AXIS 4 "MARITIME TRANSPORT"

Investment priority 7c: Developing and improving environmentally-friendly (including low noise) and low-carbon transport systems, including inland waterways and maritime transport, ports, multimodal links and airport infrastructure, in order to promote sustainable regional and local mobility

Specific objective 4.1: Improve the quality, safety and environmental sustainability of marine and coastal transport services and nodes by promoting multimodality in the Programme area

Result indicator 4.1: Goods transported by maritime mode

Expected result: to improve the quality, safety and environmental sustainability of marine and coastal transport services. In order to achieve this change, the Programme will support actions developing new traffic modalities directed towards the use of vessels using compatible energy sources (such as methane), the adoption of ICT systems to perform embarking and disembarking of passengers in vessel traffic management and implementation of e-ticket (electronic ticketing) systems and electronic traffic management to ensure a more efficient development of traffic in the area. Efforts for enhancing the quality and the environmental sustainability of services and node will contribute to a reduction of the CO_2 emissions for transport purposes.

Types of actions:
- Support coordination/ harmonization/ monitoring of data and systems for enhancing multimodality;
- Piloting tools/ solutions for improving connectivity in the transport systems.

Examples of Actions:
- Promotion of short sea shipping and maritime transport services through piloting CB routes (passengers, ferry connection between ports and their connections to hinterland);
- Enhancing coordination between regional airports of the area for exploiting synergies and complementarities and promote multimodality, in order to improve their environmental performance;
- Harmonization of administrative procedures and improvement of port quality management system for freight and passengers transport, ensuring connections with internal nodes and the logistic system;
- Green upgrading of the logistic system linked with maritime transport sector;
- Improving multimodal (rail, road, sea) transport systems through innovative solutions (ITS) including the promotion of pilot rail services in connection with ports. The investments in road infrastructure are not eligible under this specific objective;
- Promote mobility concepts for harmonizing the development of passenger services (i.e e-mobility, soft mobility, etc.);
- Support the creation of a common vessel traffic centre for monitoring the vessel traffic within the cooperation area aimed at safeguarding environment.

Output indicators:
4.1O1 - Improved multimodal transport services;
4.1O2 - New links established;
4.1O3 - Harmonized services for passengers put in place.

Target Groups:
- general public;
- local, regional and national public authorities;
- regional development agencies;
- enterprises, transport operators including operators of multimodal logistics hubs, infrastructure providers;
- transport associations;
- regional innovation agencies;
- NGOs;
- education and training organisations as well as universities and research institutes.