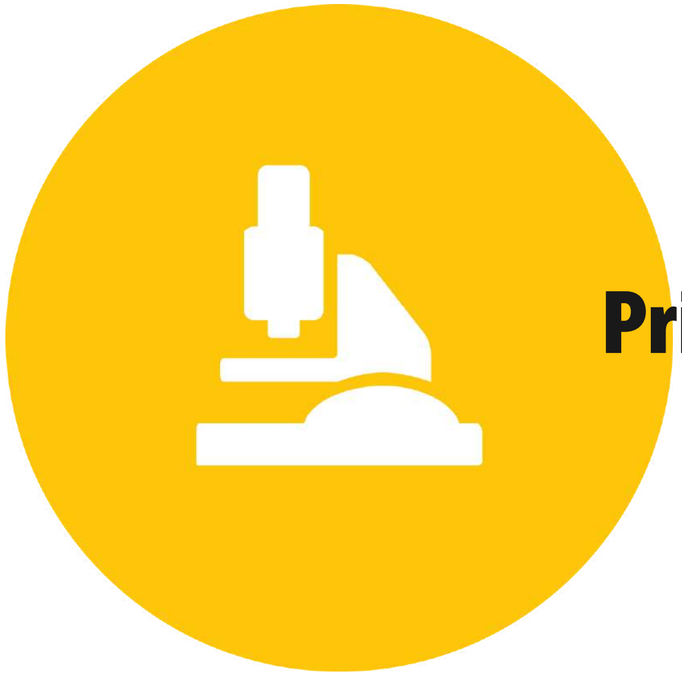
ASOC European Territorial Cooperation

with Interreg Italy–Croatia CBC Programme

Webinar 0

11th February at 2.30 pm



Priority Axis 1: Blue Innovation

FAIRSEA

Data & Figures

32 months

2,06 Mio €

12 partners

Activities

The central focus of the project is the fisheries sector, an important economic activity in the Adriatic Sea also for its strong cultural, social and economic role in regional coastal communities. The main result of the Project will be the development of an integrated platform for a quantitative ecosystem approach to fisheries that goes across territorial boundaries. The platform will integrate biological/ecological processes and fisheries bio-economic dynamics and will be used as a planning tool to implement demonstrative testing of applicable fisheries policies both at local and whole Adriatic level. The Project will provide an answer for the optimisation between ecological and socio-economical sustainability of fisheries in the Adriatic Sea.

Project video

Results Reached

01

Integrated platform

to support sea resources management

02

2 advanced schools

on quantitative methods for ecosystem approach to fisheries

03

Best practices & Guidelines

for a sustainable fishery management

ADRIREEF

Data & Figures

36 months

2,81 Mio €

11 partners

Activities

Projects' ambition is to combine innovative actions related to natural and artificial Adriatic reefs with possible socio- economic impacts originating from activities such as aquaculture and tourism, two sectors of the Blue Economy. The term „blue economy" refers to the sustainable use of ocean resources for economic growth, improved livelihoods, and jobs while preserving the health of the ocean ecosystem. As the success of activities strongly depends on the structural and ecological performance of the reefs (both natural and artificial), the project will also include setting up and testing of suitable technologies with low impact for underwater monitoring. Along with specific regulations and frequent monitoring, the project will therefore open concrete possibilities to protect the environment and create new economic activities.

Virtual diving experience on the Paguro artificial reef

Results Reached

01 **Adriatic Reef map**
and their classification

02 **Seagrass Handbook**
for monitoring & research with affordable methods

03 **Reef classification**
from different perspective

04 **Guidelines**
and Code of Conduct for stakeholders

05 **White paper**
on the exploitation of Adriatic reefs

COASTENERGY

Data & Figures

36 months

1,82 Mio €

8 partners

Activities

The overall objective is to foster the creation of a favorable environment for business initiatives in the Blue Energy sector and promote the realization of coastal blue energy systems in the Programme area, particularly focusing on wave and thermal energy converters to be integrated in structures such as breakwaters, marinas, etc. These initiatives must be designed to guarantee the full preservation of marine ecosystems and the landscape, and also comply with the needs of other maritime activities such as fishing, aquaculture, tourism, and shipping. The cross-border cooperation is crucial to define and share a common strategy for the sustainable exploitation of marine renewable energy, taking into account environmental sensitivity, shipping routes and shared policies for tourism and fishing. Planning an integrated renewable energy system will represent an opportunity for blue growth in the Adriatic sea.

Results Reached

01

CB Coastal Energy hub

02

Online database

WebGIS blue energy

03

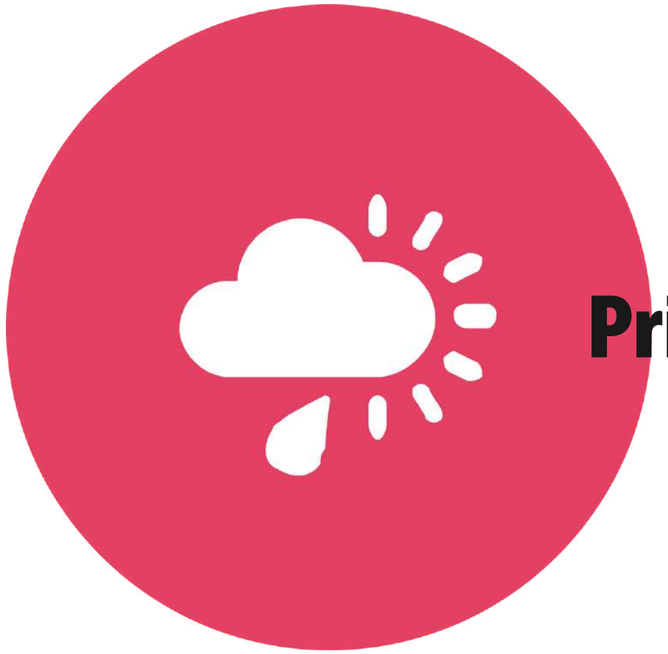
8 feasibility study

for Blue Energy projects in Adriatic

Interreg
Italy - Croatia
European Regional Development Fund

EUROPEAN UNION

ASOC ETC
ITALY - CROATIA



Priority Axis 2: Safety and Resilience

CHANGEWECARE

Data & Figures

36 months

2,7 Mio €

11 partners

Activities

The project explores climate risks faced by coastal and transition areas contributing to a better understanding of the impact of climate variability and change on water regimes, salt intrusion, tourism, biodiversity and agro-ecosystems affecting the cooperation area. The main goal is to deliver integrated, ecosystem-based and shared planning options for different problems related to climate change (CC), together with adaptation measures for vulnerable areas to decision makers and coastal communities who may best benefit from it. The project also aims at defining a paradigm for transferring successful methods of analysis, development and implementation of adaptation measures from the pilot sites to other systems facing similar problems at the cross-border scale, by harmonising procedures and data standards and bridging knowledge gaps for the final users. To this aim, a set of five coastal systems will be considered in order to encompass the broad variability of possible geomorphological and ecological settings, physical drivers, and threats determining coastal vulnerability in the cooperation area.

Results Reached

01

Interconnected reports, data sets and GIS tools

monitoring of essential ocean & climate variables

02

Multi-disciplinary reports

assessing the expected evolution of environmental dynamics

03

Pilot site plans

A set of adaptation and management plans for 5 Pilot Sites developed

How does climate change affect the Adriatic basin?

Specific issues affecting the five project pilot sites due to climate change

Joint_SECAP

Data & Figures

30 months

2,09 Mio €

9 partners

Activities

The project defined strategies and actions for climate change adaptation, especially for those weather and climate changes and hydrogeological risks affecting coastal areas. In the first phase the common methodology for Joint Actions definition and implementation was developed and the basic knowledge about issues concerning climate change adaptation strategies and energy efficiency measures were shared. A web platform was designed to share information, to support planning activities and even to monitor results and ongoing actions. The second phase started upon the analysis uploaded in the web platform, acting as a useful tool for the development of scenarios for the Joint Actions to be implemented in the Joint SECAP plans. The Joint_SECAP Support Platform will serve as a dataset to compare and monitor data, information and experiences, and so it can also be integrated after the project closure to support the implementation of other planning activities.

Results Reached

01

Support System Platform

web tool for the local coordination of Joint Action

02

8 Climate Change Adaptation Plans

in each target Area

03

Joint Action Coordinator

setting up

Adriadapt

Data & Figures

30 months

2,22Mio €

11 partners

Activities

The ultimate goal of the project activities is to enable local authorities to contribute to secure, stable, and integrated development in the Adriatic and Ionian region, in line with the aims of the Adriatic Ionian Initiative. The project outputs consist in an inventory of climate data, climate indicators and climate related information co-defined in close collaboration with stakeholders (local policy and decision makers) and in an assessment of climate change signals in the region of interest, including extreme events. The enhance of knowledge planning of adaptation measures in the cooperation area and increase of preparedness of Adriatic cities and towns has been ensured

Promotional video

Results Reached

01 **Resilience platform**
for Adriatic cities and towns

02 **Catalogue**
of adaptation measures

03 **Toolkit manual**
planning for adaptation in Adriatic

04 **2 Local plans**
for climate change adaptation and mitigation

05 **Climate data & indicators**
defifition and final report release

PEPSEA

Data & Figures

30 months

2,9 Mio €

8 partners

Activities

Main objective of the project is to protect the Adriatic sea from pollution coming from ships, offshore platforms and inland sources, to increase the quality of life for coastal population and to preserve biodiversity of the Adriatic region. Croatian and Italian partners will work together on increasing the safety of the Adriatic sea, protecting it from natural and man-made disasters, which will produce benefits for the fishery and tourism sector. This model of protection and response to pollution is believed to be transferable to other parts of the Adriatic and perhaps beyond. Adriatic area will get an innovative response system for most endangered parts of sea with strong and original planning and applicative solutions.

Results Reached

01 **Contingency plans**
for five pilot enclosed parts of the sea

02 **Technological solutions**
for delimiting and cleaning the pollution of the sea

03 **Training programmes**
for managing the sea pollution risk

04 **Educational programmes**
for prevention of sea pollution

READINESS

Data & Figures

18 months

1,17 Mio €

7 partners

Activities

The ultimate goal of the project activities is to enable local authorities to contribute to secure, stable, and integrated development in the Adriatic and Ionian region, in line with the aims of the Adriatic Ionian Initiative. The project outputs consist in an inventory of climate data, climate indicators and climate related information co-defined in close collaboration with stakeholders (local policy and decision makers) and in an assessment of climate change signals in the region of interest, including extreme events. The enhance of knowledge planning of adaptation measures in the cooperation area and increase of preparedness of Adriatic cities and towns has been ensured

Results Reached

01 **Pilot Deployment**

of Civil Protection and Volunteers Advanced Trainings

02 **6 Pilot Deployment**

of Citizen Promptness Raise Awareness

03 **XBorder trainings**

for children

04 **Adaptation reports**

for citizens awareness raising

Interreg
Italy - Croatia
European Regional Development Fund

EUROPEAN UNION

ASOC ETC
ITALY - CROATIA

Priority Axis 3: Environmental and Cultural Heritage

KeyQ+

Data & Figures

18 months

871,9 Thousand €

9 partners

Activities

The main objective of project was to protect and preserve the historically rooted cuisine and the less known heritage sites and give a boost to the cross-border economy thanks to the experimental tourism packages. This also valorizing some emblematic buildings included in the list of the cultural heritage of the area, such as the historical Market of Pula from the Austro-Hungarian Monarchy, "the ship of freedom that turned east" built in 1950, the medieval didactic kitchen in Cividale del Friuli, Casa Artusi, the Wine National Exhibition in Pramaggiore, the Apoxyomenos Museum. The project took the approach of matching local food, cultural assets and history to mutually reinforce their attractiveness by presenting the traditional local agri-food products, historical recipes, didactic kitchens and cultural heritage sites relevant for the KeyQ+ area to the wide public.

Project short video

Results Reached

01 **Catalogue of 20 less-known products**
rooted in the territory

02 **Gastronomy & Touristic guidebook**
also available on an interactive online map

03 **Catalogue of 20 forgotten recipes**
reinterpreted by ITA-CRO chefs

04 **20 Interactive Videos**
in 3 languages illustrating recipes

05 **Training units & handbooks**
for the professionals in the food sector

HISTORIC

Data & Figures

37 months

2,43 Mio €

6 partners

Activities

The overall objective of the project will be to reach a higher level of sustainable economic and territorial development, by exploiting the potentialities of cultural heritage, (re)discovering the history and the local traditions, and moving local communities towards a more conscious and aware use of their own cultural heritage. The business networks will be established in pilot areas. Enterprises will sign a Letter of Intent and will manage a common service charter. The operators will map themselves and will upload their data on common templates for online publication. Augmented Reality and Progressive Web Application for touristic products and social route trackin is foreseeng. A network of complementary Living Labs where testing new touristic approaches is to be established. The project will offer smart and new solution towards a better management of the tourist flows, optimizing seasonal flows to be redirected from the centre to the periphery, throughout the year with a planned and shared technological approach between Italy and Croatia.

Results Reached

01 **Durable installations**

in pilot areas

02 **Augmented Reality applications**

03 **APP implementation**

to understand tourists' needs

04 **Pilot sites promotion**

of cultural & natural heritage

ARCA ADRIATICA

Data & Figures

36 months

3,16 Mio €

10 partners

Activities

Project aims at protecting the existing material and intangible maritime heritage and by the means of a series of measures develop and revive a common tourism product. The key results will be a greater visibility of the included destinations, an increased availability of the maritime heritage for all the society (virtual museum, outdoor museums, interpretation centers), an increased number of visitors in the cross-border area, an increased number of the permanently protected artefacts of the maritime intangible and material heritage (through the interpretation centres, the virtual museum, the maritime heritage base, the technical characteristics of the vessel), an increase in the tourism infrastructure based on the maritime heritage (interpretation centers in Malinska, Cervia, Venice, Rovinj and Tkon), the renovation of little boats that will be live examples and exhibits in little ports and regattas, the increase in the number of educated children and visitors about the maritime crafts and skills (Academy of Maritime Crafts and Skills) and recognition of the entire coastal cross-border area, as one tourism destination (promotion campaign).

Results Reached

01 **Master plan**
for the development of new cultural tourism product

02 **7 Centres of Excellence**
for common touristic product

03 **Academy of Old Crafts and Skills**
to educate participants

04 **5 Interpretation centers**
designed as virtual museums

05 **19 renovated small boats**
as outdoor museums' artefacts

VALUE

Data & Figures

42 months

3,25 Mio €

8 partners

Activities

The project aim is to qualify and share the cultural and natural assets through identification of the common identity cultural paths on which establish Districts and management plan, create the network and promote the off-season tourism. Overall objective is to define a new model of development centred on the integration between culture, nature and tourism to make cultural heritage and natural assets a tool for territorial development. The expected changes are: an increase of the sustainable economic and territorial development connected with the off-seasonal tourist offer; an enhanche of valorisation of the cultural assets by the establishment of the Archaeological Parks; an increase and diversification of quality of services offered raising awareness of the added value of a sustainable approach.

Results Reached

01 **3 CB pathways**
equipped for tourist information

02 **4 Archeological Parks**
Po Delta, Cres, Kastela & Korcula

03 **9 pilot actions**
reconstructions, historical virtual archive, excavations ...

04 **7 Archeological labs**

05 **Center of scientific excellence**

SASPAS

Data & Figures

42 months

1,9 Mio €

8 partners

Activities

The overall project objective is to improve seagrass preservation and restoration through safe anchorage innovative systems, pilot transplantation and connected activities in order to contribute to a better protection and restoration of the biodiversity (Phanerogamae) in the cross-border Adriatic area. The project foresees to establish and run an integrate real-time monitoring system of marine seagrasses (Phanerogamae); to improve protective and restoration actions to ameliorate the condition of endangered species and to enhance the management of Marine Segrasses and habitats through an Integrated management system

Results Reached

01

Anchoring system placement

Environmental friendly

02

Pilot transplatation

in areas damaged by humans

03

GIS Information platform

for integrated management

04

MSSIMP

Marine Seagrass Safeguard Integrated Management Program

ECOSS

Data & Figures

30 months

3,39 Mio €

10 partners

Activities

The main objective is the establishment of the ECOlogical observing system in the Adriatic Sea (ECOAdS), shared between Italy and Croatia, able to integrate ecological and oceanographic research and monitoring with Natura 2000 conservation strategies. The project foresees design and development of the Ecological Observing System in the Adriatic Sea; Integration of oceanographic research and monitoring with Natura2000 conservation strategies. ECOSS will create a long term strategy and a roadmap that will define the overall structure, purpose and long-term sustainability and maintenance of the ECOAdS among the involved countries and regions, in tight connection with the relevant stakeholders

Results Reached

01

ECOAds

strategic roadmap document

02

6 case studies

for integration of Natura 2000 monitoring & ECOAdS

03

Data infrastructure

setting up

ECOMAP

Data & Figures

30 months

2,83 Mio €

11 partners

Activities

The project aim is to help local ports to design better environmental strategies and to have access to suitable environmental management tools to remain competitive and to contribute to a more sustainable Programme area. In particular the Project:

- Sustains the environmentally-friendly services in marinas and nearby area in order to prevent the waste polluting of the sea
- Suports the knowledge raising, environmentally-responsible behavior and awareness of stakeholders regarding pollution from anthropogenic activities and use of sustainable and innovative technologies and approaches, within the area of port management on Italian and Croatian Adriatic;
- Investigates methodologies to analyze the geomorphologic evolution of port areas (sedimentation and erosion dynamics) due to climate change in order to identify defense systems and sediment removal operations that hinder the hydraulic functions of ports and its effect on water resource availability.

Project video

Results Reached

01 **Infrastructure**
in marinas to prevent sea polution

02 **Protocol set-up**
for water monitoring & analysis

03 **Environmental certifications**
for marinas & beaches

04 **Equipment**
in marinas for waste & waste water mngt.

05 **ICZM tools**
development & moniitoring networks

AdSWiM

Data & Figures

36 months

2,03 Mio €

12 partners

Activities

The project connects research institutions, municipalities and managers of wastewater treatment plants to maintain and improve the quality of marine water. The project investigates new treatments, new analytical devices and new chemical and microbiological parameters to maintain and improve the environmental quality conditions of sea and costal area and of the bathing water quality through the control of the waste waters. The impact and transferability of project results, also to stakeholders outside the Programme area, are obtained through the preparation of cross-border agreed guidelines to manage waste waters and depuration plants and drawing up legislative proposal for an appropriate review of the effects on the environment of the legislation itself, in relation to the territorial specificities, to preserve the habitat/status ecological status and to contribute to maintain high the quality level of bathing water.

Project video

Results Reached

01 **Sampling water**
at the DP pipe & along water line of discharge points

02 **Innovative solutions**
for water treatment & quality

03 **New protocols**
for improving energy efficiency of waste water treatment

04 **New biosensors**
for detection of sea contaminants

05 **Reef balls**
placed at DPs to restore ecosystems

WATERCARE

Data & Figures

36 months

2,83 Mio €

10 partners

Activities

Project aims to improve the quality of the microbial and environment and resource efficiency in bathing and coastal waters reducing the microbial contamination by using innovative tools in waste management and treatment. In particular the Project:

- Develop an innovative Water Quality Integrated System (WQIS) composed by a real time hydro-meteorological monitoring network;
- Realize an ad-hoc infrastructure for bathing waters management in a pilot site through a forecast operational model;
- Realize feasibility studies in several target sites. Develop a real-time alert system able to preventively identify the potential ecological risk from fecal contamination of bathing waters and to support governance decision processes in bathing water management.

Results Reached

01

Innovative water sensors

in project target areas

02

Operational model

Meteorological/hydrological and bacterial

03

Management guidelines

for wastewater and bathing waters

ML-REPAIR

Data & Figures

21 months

1,07 Mio €

7 partners

Activities

The project realized environmental education activities and raising awareness of fishing sector stakeholders in marine litter management. In particular: Development and testing of new educational tools (specific for each country) inducing a positive change in attitudes and behavior toward marine litter (ML) among future generations; Raising awareness activities for tourists with collection of ML on the beach; o A transnational communication campaign on the ferries connecting Italy and Croatia; Workshops dedicated to fishermen with the aim to raise awareness on ML issue and enlarge an active involvement of fishermen in Fishing for Litter (FfL) activities; ourther development of FfL activities in the Adriatic Sea, supporting fishermen with new practical tools to monitor ML distribution, amount and type of waste recovered; o Coordination of local authorities, science institutions and Local Action Groups (FLAGs) straightening the co-operation to address the ML issue.

Results Reached

Project video

01 **App for ML management**
for fishermen & p. makers

02 **Characterization Protocol**
for marine plastics

03 **ML educative programmes**
in 15 cities for school children & tourists

04 **Fishing for Litter**
60 tons of marine litter collected

Priority Axis 4: Maritime Transport

ICARUS

Data & Figures

39 months

2,2 Mio €

10 partners

Activities

ICARUS promotes a strategy for intermodal connections in Adriatic Ionian Region. The objective is to improve passenger intermodal transport connections and eases coast – hinterland sustainable accessibility to promote car-independent lifestyles. Accidents, congestion and pollution are some of the problems generated from the massive use of private cars. In some cases, it is the only alternative, in some others it is the result of a lack of transport services integration, collaboration among transport providers and integrated information. ICARUS wants to go past these problems making a use of innovative technologies to adapt smart mobility in a digital world. Moreover it aims to activate a behavioral change in mobility, using the Mobility as a Service, a concept which moves passenger needs from the transport means to the mobility service.

Results Reached

01

Intermodality bike–train

from hinterland to the coast

02

CB bike&bus

to connect Parenzana and CAAR

03

Bike+train+ferry

corridor in north Adriatic

04

Open data ICT platform

Fostering bike-bus-train-ferry intermodality

05

ICT Systems

integrated ticketing,real time check-in and passengers' tracking

MOSES

Data & Figures

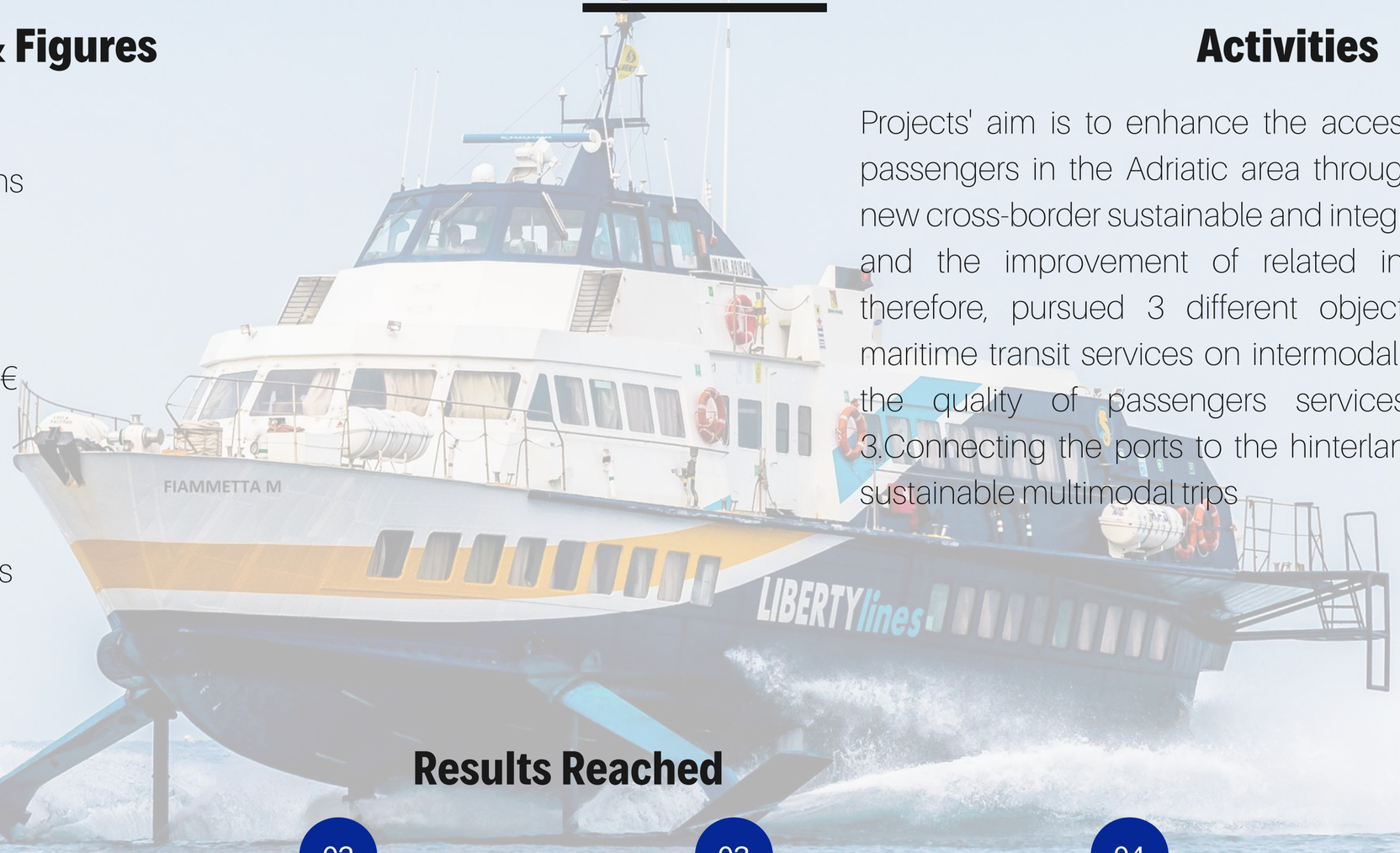
21 months

1,17 Mio €

5 partners

Activities

Projects' aim is to enhance the accessibility and mobility of passengers in the Adriatic area through the development of new cross-border sustainable and integrated transport services and the improvement of related infrastructures. MOSES, therefore, pursued 3 different objectives: 1.Improving the maritime transit services on intermodal CBC trips 2.Improving the quality of passengers services and their comfort 3.Connecting the ports to the hinterland, in order to facilitate sustainable multimodal trips



Results Reached

01 **Pilot action**
Maritime fast-line transport services for passengers

02 **Quay in Susak**
Reconstruction & wall renewal

03 **Flexible mobility hub**
electric car/bike sharing system in Ravenna

04 **Bike & Bus**
between Grado, Trieste and Poreč

ADRIGREEN

Data & Figures

36 months

2,1 Mio €

10 partners

Activities

The main objective of ADRIGREEN project is to improve the integration of Croatian and Italian ports and airports with other modes of transportation in order to enhance the processing of passengers during the summer seasons and to improve environmental performances of the Adriatic maritime and aviation systems. In order to do that, the project will implement a set of structured activities based on transnational and cooperative approach. The main idea is to identify and analyse a number of existing operational and technological solutions that can be easily transferred and adapted by involved ports and airports.

Results Reached

01

Smart solutions in Bari & Pescara

connect the airport/port with local transportation system

02

Integrating timetabling

in Ancona e Rimini

03

New services testing

reducing energy consumption in airport facilities

DigLogs

Data & Figures

36 months

2,55 Mio €

10 partners

Activities

DigLogs aims to create the technological solutions, models and plans to establish the most advanced digitalised logistic processes for multimodal freight transport and passengers' services in the Italy-Croatia area. This project will have a significant impact on the quality, safety and environmental sustainability. The project is focused on the development of key deployment roadmaps to increase the competitiveness of multimodal transport services and the harmonisation of passengers' services. These roadmaps, on the basis of the results of seven different pilots implementation run during the project, are translated into a transferability and action plan laying on the following vision statement:"In five years time, most of the transport flows, concerning freight and passengers, of the Italy-Croatia area will be digitalised and therefore connected through innovative ICT solutions able to support a wide range of ITservices for logistic operators, industrial users, private passengers and public authorities."

Results Reached

01

DelPlan

Deliveries planning system

02

Warehouse Management System

03

White paper