

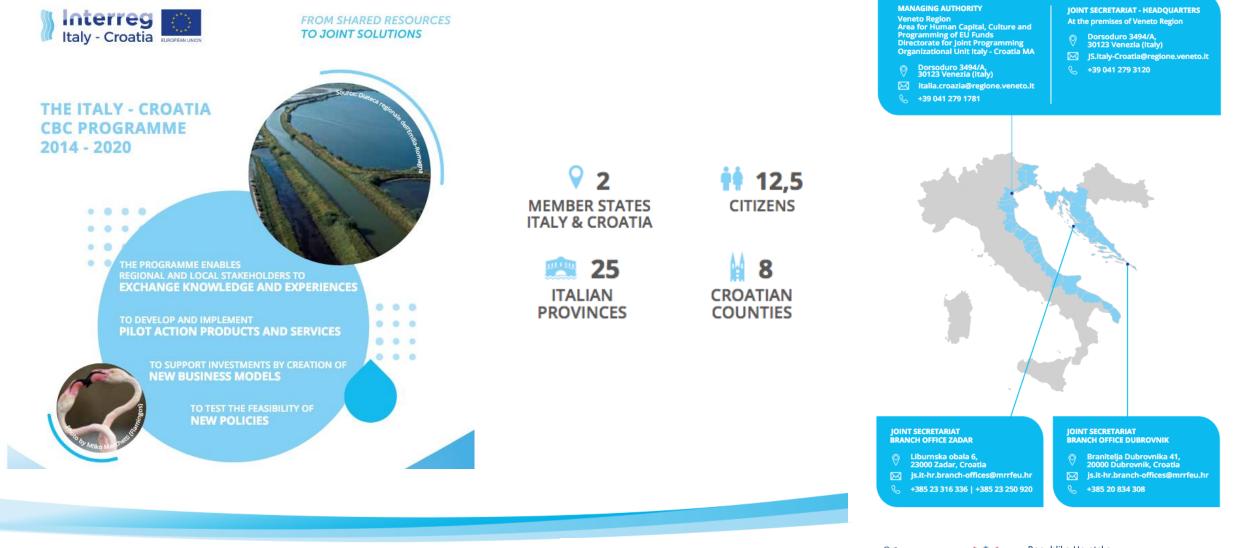
# **GUTTA key figures**

## Paola Agostini | Fondazione CMCC

09 March 2022 Opatija, Croatia

European Regional Development Fund

# What is the Italy-Croatia CBC Programme









Jadertina | 1396 | 2002 |



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# What is the Italy-Croatia CBC Programme



### **BLUE INNOVATION**

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

### SAFETY & RESILIENCE

Specific Objective 2.1 Improve the climate change monitoring and planning of adaptation measures tackling specific effects, in the cooperation area Specific Objective 2.2 Increase the safety of the Programme area from natural and man-made disaster

### **ENVIRONMENT & CULTURAL HERITAGE**

Specific Objective 3.1 Make natural and cultural heritage a leverage for sustainable and more balanced territorial development Specific Objective 3.2 Contribute to protect and restore biodiversity Specific Objective 3.3 Improve the environmental quality conditions of the sea and coastal area by use of sustainable and innovative technologies and approaches

### **MARITIME TRANSPORT**

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



## **OUTPUT INDICATORS:**

- Improved multimodal transport services
- New links  $\succ$ established
- > Harmonized services for passengers put in place







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EUROPEAN UNION European Regional Development Fund

PRIORITY

**AXES** 

GUTTA

# GUTTA project: partnership



- Euro-Mediterranean Center on Climate Change Foundation (LP)
- Southern Adriatic Sea Port Authority (PP)



- Croatian Shipowners' Association Mare Nostrum (PP)
- University of Zadar (PP)
- Ministry of the Sea, Transport, Infrastructure (PP)

PROJECT DURATION 2019/01/01 - 2022/06/30

€ <sup>ERDF</sup> 1,020,000 EUR

TOTAL BUDGET 1,200,000 EUR





€







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# **GUTTA project: objectives**

GUTTA's main objective is to support the decarbonisation of the existing CB maritime links through optimized operations

## **Specific objectives:**

1 To Improve maritime transport services by enabling CO2 emission savings

(2) To facilitate the implementation of the MRV, providing feedbacks and analyses

③ To facilitate the establishment of at least one new CB maritime link, after COVID-19 pandemic









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# **GUTTA project: output**

Programme output indicator

## Improved multimodal transport services

## GUTTA project main output

GUTTA's main output is GUTTA-VISIR, a pilot-system for planning ferry routes that minimize ferry CO<sub>2</sub> emissions, based on the knowledge of the forecast meteo-marine conditions







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# **GUTTA project: work organization**

WP1 Project management and coordination of activities	<ul> <li>Act. 1.1 Start up activities</li> <li>Act. 1.2 Day-to-day project management, coordination and internal communication</li> <li>Act. 1.3 Steering and monitoring of the project implementation</li> <li>Act. 1.4 Financial management</li> </ul>
WP2 Communication activities	<ul> <li>Act. 2.1 Start-up activities</li> <li>Act. 2.2 External communication</li> <li>Act. 2.3 Direct engagement of stakeholders</li> </ul>
WP3 Strategic potential for a greener and more integrated CM maritime mobility	<ul> <li>Act. 3.1 Input data collection</li> <li>Act. 3.2 Initial data analysis and planning</li> </ul>
WP4 Developing tools for upgrading environmental sustainability and connectivity of regional mobility	<ul> <li>Act. 4.1 Emissions and routing models</li> <li>Act. 4.2 MRV-data collection guidance</li> <li>Act. 4.3 Maritime mobility data and COVID-19 pandemic dynamics</li> <li>Act. 4.4 Eco-routes DSS</li> </ul>
WP5 Demonstrating the change in environmental impact and territorial connectivity	• Act. 5.1 Validation and demonstration
Italy - Croatia CUTTA European Regional Development Fund	Centro Euro-Mediterraneo         Marcino Euro         Marcino Euro         Marcino Euro         Marcino Euro         Marcino Euro         Steučilište u Zadru         Universitas Studiorum         Jadertina   1396   2002

# GUTTA project: communication/dissemination



### Događanja

Prezentacija Hrvatske udruge brodara Mare Nostrum i GUTTA projekta na

## 1 Kick off meeting in Lecce

•

- Several meetings/workshops with stakeholders organized
- Several conferences attended
- Talks for high school students
  - Website update
  - 22 CMCC newsletters
  - Several posts on partners social media pages
  - 1 CMCC Webinar
  - **1 INTERREG** online event in collaboration with E-CHAIN and METRO projects
- 2 scientific publications •
- 1 brochure (in English, Italian & Croatian)
- 3 videos and 1 video tutorial produced



### Istraživanje intenziteta ugljika sa trajekata

Emisije ugljika sa trajekata su prekomjerne u odnosu na količinu tih brodova. Polovica emisija s europskih trajekta potječe iz Sredozemlia, što uvelike odražava veću količinu brodova u ovom moru

Koji čimbenici utječu na intenzitet ugljika i energetsku učinkovitost trajekta? Novi uvidi i perspektiva iz studije koju je zaklada CMCC realizirala u okviru aktivnosti projekta GUTTA. Više informacija moguće je pronaći na poveznici ... Altro...

Visualizza traduzione

### Fondazione Cmcc @CmccClimate · 21 dic 2020 ry #emissions are over-proportional with respect to the numbe cmc these ships Investigating the carbon intensity of ferries in GUTTA project New insights with @ItalyCroatia @gianandream @VISIF ow.lv/Og8K50CNOX

Fondazione Cmcc

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# **GV video-tutorial**





## https://www.youtube.com/watch?v=-qORsU-Jh\_8









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# **GUTTA project: contacts**

Lead Partner:

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www.italy-croatia.eu/GUTTA









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