



What is ICARUS project?

Air pollution, traffic congestion and long waiting are just some of the main consequences of the excessive use of private cars in the seaside regions between Italy and Croatia. Citizens are very much aware of the noise, poor infrastructure and lack of parking spaces. Passengers also experience rather poor connections between the coast and its hinterland, and during their cross-border journeys across the Adriatic sea.

We, therefore, believe the integration of intermodal transport services - establishing cooperation among transport and information providers both locally and overseas - is the answer to all these problems.

ICARUS will test new solutions such as timetable harmonization, car/bike sharing, ICT solutions for seamless information flow, intelligent and integrated multimodal payment systems, dynamic travel planning and cross-border intermodal services.

All these actions call for behavioral changes and the application of new concepts, such as *"Mobility as a Service"*. The user is placed at the very centre of transport services! ICARUS partners jointly work with public authorities to help them nudge their citizens into adopting new sustainable behaviors and the new set of services as more efficient and beneficial for all. Click on the image to **download the brochure:**



Who are we?

The **ICARUS consortium** is made up of 10 partners working together to implement 8 pilot actions to improve intermodal connections between the coast and its hinterland:

Institute for Transport and Logistics Foundation (ITL) – Lead Partner of ICARUS

The Institute for Transport and Logistics Foundation (ITL) is a no-profit public research body established in 2003. Its mission is to contribute to the development and promotion of the transport and logistics system in Emilia-Romagna Region (Italy), through research, consultancy and training activities. ITL's shareholders are the Emilia-Romagna Region, Local Authorities, the Universities in Emilia-Romagna and Ravenna Port Authority.

ITL has 3 operational premises in Bologna, Piacenza and Ravenna. ITL is the Emilia-Romagna Logistics Competence Centre (LoCC) and it is in charge of the Presidency of the Open ENLoCC network (European Network of Logistics Competence Centres – www.openenlocc.net), which brings together 20 regional organizations in Europe (mainly research institutes, logistics clusters and University Departments).

ITL develops research, pilot & study activities in cooperation not only with public authorities, supporting policies set up, implementation and monitoring, but also with business players in the following main fields: city logistics, supply chain management, logistics platforms and multimodality, sustainable mobility, transport services development and optimization, transport corridors and TEN-T networks, logistics market positioning and development, ICT for freight and passengers transport, logistics outsourcing, territorial marketing in logistics, seaport and hinterland logistics systems. ITL is very active in research activities at international level and has strong ties with a wide and international research community. It has been coordinator, partner and technical advisor in several EU-funded initiatives in

6FP, 7FP-CIP, IEE, Interreg, European Territorial Cooperation, Marco Polo, H2020, Leonardo Da Vinci / Erasmus+.

ITL ICARUS Team: Eleonora Tu (Project Manager), Giuseppe Luppino (Senior Advisor), Irene Sabbadini (Team Member), Laura Nubile (Financial Manager)

Team's motto: *"Together for better intermodal transport solutions"*



Venice International University (VIU)

Venice International University (VIU) is a consortium of 18 universities from all over the world with an autonomous campus on the island of San Servolo, Venice, Italy. The mission of VIU is to foster cooperation among VIU member institutions while facilitating the exchange of knowledge and ideas, by developing, promoting and organizing joint academic, research and training/capacity-building programs. VIU carries out research through its Programs one of which is dedicated to Sustainable Logistics (VIU_TeDIS Program_TLSU).

The Sustainable Logistics Unit of VIU is involved in ICARUS mainly in the case study implementation that will define the operative and regulatory conditions for developing a transnational soft corridor in north Adriatic axis that combines the existing transport services such as ferry lines between Venice port and Croatia coast, with bicycle path and train services. ICARUS provides an opportunity to improve knowledge in topic related to the ICT/ITS applied to the public transport sector, as well as the regulatory issues of the passengers inter-modality and the application of data collection and planning methods supporting action plans in strategic sectors of the mobility services. ICARUS will enhance the capability of VIU in dealing with the sustainable mobility design in a transnational approach and will strengthen its role as scientific

partner supporting high-level transnational decision-making processes by public and private stakeholders.

VIU ICARUS Team: Marco Mazzarino (Head of Sustainable Logistics Unit); Maurizio Cociancich, Lucio Rubini, Paolo Menegazzo (Senior Researchers); Matteo Cavaliere, Lucia Di Gioia (Administration and Communication) have a long-standing experience in EU Project management.

Team's motto: *“Connect, Change, Cooperate: three "C" for improving the sustainable mobility within and between Italy and Croatia”*



The Central European Initiative (CEI)

The Central European Initiative (CEI) is the largest and oldest forum of regional cooperation in Central, Eastern and South Eastern Europe.

It is committed to supporting European integration and sustainable development by promoting connectivity and diversity among its 17 Member States. The CEI Executive Secretariat is located in [Trieste](#), Italy.

The CEI strives for a united Europe without dividing lines, with shared values embracing all countries, regions, peoples and citizens; and strong capacities of Member States towards good governance, rule of law and sustainable economic development for stability, social cohesion, security and prosperity.

The CEI is responsible for ICARUS communication, dissemination and promotion.

CEI ICARUS Team: Ana Sinkovic (Project Officer), Ugo Poli (Project Manager) and Olga Sotorrio (Project Officer) have a long-standing experience in EU Project management, communication, and promotion of sustainable development and mobility.

Team's motto: *“Communication is central to the project, it gives strength to the objectives, gives life to project achievements and brings forward further opportunities for its capitalization and future synergies”.*



HŽ Putnički prijevoz d.o.o.

HŽ Putnički prijevoz d.o.o. (Croatian Railways Passenger Transport, hereinafter: HŽPP) is a Croatian national rail passenger carrier, fully owned by the Republic of Croatia. The primary activity of HŽPP is the provision of public passenger transport in the national and international railway traffic. Specifically, this involves interconnecting regional centres as well as local communities within the HŽ network territory; the mass transport of passengers in urban and suburban areas of major cities in Croatia; seasonal connections between continental county and regional centres and coastal tourist towns offering to tourists affordable and comfortable transport services and connecting Croatia with the capitals of the neighbouring countries and centres in Central and Western Europe.

HZPP ICARUS team: Renato Humić (Project coordinator), Zrinka Marchioli (administrative staff), Sunčana Lerota (technical staff) and Helena Luketić (Project manager).

Team's motto: *“Steam ahead! Small team with big expectations for Rail”.*



ARAP ABRUZZO

ARAP ABRUZZO is a Regional Agency for Production Activities for the economic and industrial development of the Abruzzo region. ARAP offers general services to the productive activities in the Abruzzo area and is able to satisfy the organizational requests for the territory development, with a focus on transport services (goods and passengers). ARAP contributes to the **COMPETITIVENESS** and **SUSTAINABLE GROWTH** of the Abruzzo territory. ARAP is also able to develop ICT technology and info-systems to simplify the multimodal transport solutions.

ARAP ICARUS team: Romeo Ciammaichella (Technical staff), Emanuele De Luca (Financial manager), Marianna Di Vito (Project manager), Silvia Palladini (Project coordinator)

ARAP Team motto: *“Don’t be afraid to be connected!”*



Friuli Venezia Giulia Region

Friuli Venezia Giulia Region is one of the five autonomous regional public administration of Italy.

The Regional and local public transport Division is competent for planning and financing the regional and local passenger public transport system (by road, rail and sea). It has competence and a large experience in activities related to topics such as international maritime passengers transport services and to sustainable mobility and intermodal transport services (bike-train, bike bus and bike-sea), financed by regional, national and European funds.

Within its organization, it has established since 2006 a specific Unit composed by 3 people, in charge of the overall administrative and financial issues related to EU co-financed project management, which supports the participation in ETC projects of the technical Divisions, providing knowledge in managing projects.

FVG ICARUS Team: Massimiliano Angelotti (Project Coordinator), Viviane Basso and Silvia Bianchet (Administrative Staff).

Team's motto: *"Cooperation: yes, we can!"*



Intermodal Transport Cluster (KIP)

Intermodal Transport Cluster (KIP) is a non-profit organisation founded on the initiative of the Croatian Ministry of Maritime Affairs, Transport and Infrastructure. The Cluster deals with three basic activities – promotion, developmental projects and informatization of the intermodal transport service. In the Cluster, we are trying to encourage the development of a complete intermodal transport system through common activity areas as a relation between economic sector and state bodies. Among that, our goal is to increase participation of intermodal transport in Croatian transport system as well as to provide information and help with project creation to EU fund users.

KIP ICARUS Team: Tanja Vujnović Kereš (Cluster manager), Martina Antunović (Project Manager) and Lari Lenhard (EU project associate)

Team's motto: *"One small team, one big mission!"*



Città metropolitana di Venezia (CMVE)

Città metropolitana di Venezia (CMVE) is a public authority, both of political and administrative character, belonging to an intermediate tier grouping 44 municipal authorities including the City of Venice.

It was first created by the reform of local authorities (Law 142/1990) and then established by the Law 56/2014 to upgrade and replace the previous Province of Venice.

It is a large-area ("area vasta") territorial authority (thus encompassing urban, suburban and rural contexts) with its own administrative and planning functions, with particular reference to environment as well as transport services and infrastructures.

Furthermore, it is to emphasize how coordinated mobility management is a key pillar and goal in the institution of CMVE, thus calling for a further extension of the planning activity on suburban public transport previously carried out by the Province (Piano di Bacino, 2012).

CMVE ICARUS Team: Paolo Gabbi (Project Coordinator), Alessandro Leon, Giulia Gaita, Olga Irranca Galati (Technical Staff), Nicola Fusco, Sandra Martinuzzi (Administrative Staff) from the Transportation and Logistics Area of CMVE and Project Consultant Andrea Ballarin

Team's motto: *"Let's move! Sustainably though"*



Istrian Development Agency - IDA

Istrian Development Agency - IDA was established in 1999 as the first regional development agency in the Republic of Croatia and as the key operational body for the implementation of the development programs of the Istria County.

The founders of IDA are [Istria County](#) and all 10 Istrian cities: [Buje](#), [Buzet](#), [Labin](#), [Novigrad](#), [Pazin](#), [Poreč](#), [Pula](#), [Rovinj](#), [Umag](#) and [Vodnjan](#).

IDA's development activities have developed gradually over the years in line with the needs of entrepreneurs in the field and are focused today on:

- providing financial support through targeted [lines of credit](#) and a guarantee fund.
- development of the entrepreneurial infrastructure:
- [attracting and promoting investments](#)
- preparation and implementation of [EU projects](#)
- implementation of [education](#) for the private and public sector
- [strategic planning](#) as the basis of development:
 - consultation on the preparation and evaluation of development strategies
 - branding of Istria County through the [IQ project \(Istrian Quality\)](#).
- investing in research, innovation and development through the [METRIS Research Center of Istria County](#), [IstraLab network](#) and the [Center for the Popularization of Science and Innovation of Istria County](#).

- informing and consulting entrepreneurs and promoting entrepreneurship in the public.

IDA ICARUS team: Claudia Pučić – project manager, Boris Sabatti – financial manager, Andi Kalčić – communication manager, Bojana Bojanić – project officer, Edo Cetina – project officer, Marin Lerotić – project officer.

Team's motto: *"Meet cross-border area terrain with bike, boat and train"*



Emilia-Romagna Region - General Directorate for Territorial and Environmental Care

Emilia-Romagna Region is the Regional Public Authority with administrative and territorial competence concerning mobility and transport. Its role of institutional body encompasses the development of policies, implementing and decision making power concerning rail, public transport and intermodal transport. In particular the General Directorate for Territorial and Environmental Care is the technical department of the Regional Ministry of Territorial Programming, Infrastructural Material and Immaterial Networks, Mobility, Logistics and Transport.

The Department has worked on many topics and adopted an Integrated Regional Transport Plan (PRIT 98-2010). It has responsibility and institutional power in rail, intermodal transport, planning and programming of infrastructural networks and services for passengers mobility. Finally, RER Manages regional ROP funds also to guide Cities' SUMP development.

Team: Fabrizio Melis, Alessandro Meggiato, Andrea Normanno, Cesare Sgarzi, Gisella Gardi, Maria Chiara Bini.

Team's Motto: "Planning and implementing sustainable transport and intermodal solutions"



What do we do?

ICARUS aims at improving passenger intermodal transport connections and easing coast-hinterland sustainable accessibility, promoting car-independent lifestyles.

The project fights against problems generated by the massive use of private cars by introducing solutions based on innovative technologies to adapt smart mobility in a digital world. Moreover, it intends to activate a behavioral change in mobility, using the "*Mobility as a Service*" which is a concept representing the shift from personally owned modes of transportation towards mobility solutions that are consumed as a service.

Sustainable multimodal seamless solutions will be tested through **8 pilot actions** consisting in harmonisation of timetables, availability of car/bike sharing within transport nodes, innovative ICT solutions for seamless flow of information, integrated intelligent multimodal payment systems, dynamic travel planning and cross-border intermodal services.

News and Events

1. **Partner Meeting in Pula and Site Visit:**

In the occasion of the last project meeting, ICARUS partners had the opportunity to see what IDA – Istrian Development Agency (partner in the project) intends to deliver as part of their pilot activity. IDA will contribute to the transformation of 21 km long railway Rovinj-Kanfanar into a cycling path! Indeed project partners caught a train from Pula to Pazin and rode their bikes to Kanfanar. It was an unique experience and opportunity to enjoy beautiful Istrian countryside and old train stations. Certainly, it represents a valuable opportunity for cycling tourism!



2. **ICARUS Enlarged Transfer Programme:**

ICARUS partners wish to share their experiences and best practices with other public institutions willing to make a change towards sustainable transport modes. Hence, an Enlarged Transfer Programme will be made available for a minimum of 5 non – partner authorities that will have the opportunity to learn from ICARUS results and deliver an action plan.

Download it here

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