O.3.3 ICARUS E-learning platform

WP3   Understanding mobility needs and trends

A.3.3 Understanding mobility needs and trends in CBC area-

O.3.3 ICARUS E-learning platform

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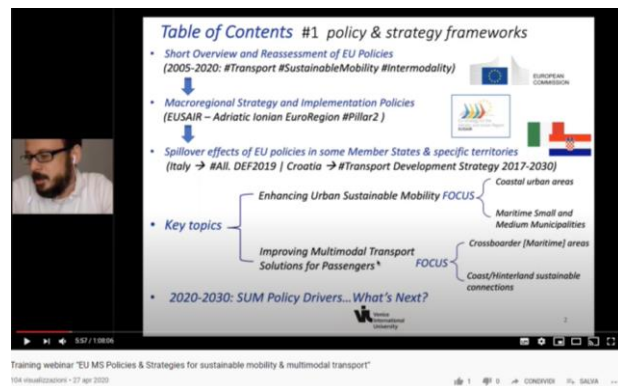European Regional Development Fund

Output summary

ICARUS Projects aims at increasing the technical competences of Authorities to allow them improving mobility policies in Italy and Croatia. It will increase the qualitative understanding and the awareness of present and future transport phenomena at regional and cross border level. This specific objective will be achieved providing the Authorities with the skills to shape their policies and with the activation of a transnational policy learning dialogue also capitalizing the most up to date experiences at EU and global level. The policy learning dialogue will allow partner and non-partner organizations in Italy and Croatia to improve the capacities of human resources developing mobility policies.

In this context the definition of Training path for Authorities is fundamental for the capacity building and for the transfer of experiences, as it will allow partners to better understand which are the trends, the gaps and the solutions adopted to overcome the bottlenecks.

The training path has been made though the organization of 5 training events with the webinar format, Topics and speakers of the training events are described in the following parts of the documents. The events have been recorded and are free to access through the youtube platform of the project (some screenshots of the platform are below):

https://www.youtube.com/channel/UCNbNKdyf1URzhlR_N5sdPfQ

WEBINAR #1	
April 23rd, 2:00 PM CEST - Webinar: **EU and MS Policies & Strategies for sustainable mobility & multimodal transport** *Prof. Pierpaolo Pentucci (Ca'Foscari University of Venice)*	*The aim of the webinar is the tentative to track a sort of review of EU strategies and policies related to sustainable mobility and multimodal transport policies in the last 20 years (with some short historical excursus within the 90's policies). The overview will concern the following main topics: - a short reassessment of EU policies; - macroregional strategy and implementation policies; – spillover effects of EU policies in some Member States (Italy and Croatia). The second part of the webinar will be focused on the ADRION Programme area (and EUSAIR strategy) in order to analyze the effects of transport and mobility policies within the cross-border cooperation and integration framework. Finally, the webinar will try to highlight some selected key topics and keywords emerged as leading concepts from mobility and transport policies in the last years and then it will try to summarize some insights related to the next EU funding Programmes (ETC/FP 2021-2027) in order to understand what will be the role of mobility and transport topic within the whole funding scheme.* *Speaker:* *Pier Paolo Pentucci holds a Ph.D. from the University of Padua in 2010. Presently, he is a technologist and project manager of the Crossmoby project (EU funded project on multimodal transport and sustainable mobility planning) at Cà Foscari University of Venice (Department of Management). Previously he has been a research facilitator at Cà Foscari University of Venice supporting 2 interdisciplinary Research Institutes (2016-2018) concerning design, submission and implementation of European Projects and Grants.*

3

WEBINAR #2	
	Mobility under uncertainty: trends and scenarios in a (post) COVID-19 time *Join the ICARUS training webinar on May 26, 2020, 2:30 PM CEST, with guest speaker Patrick Rerat (University of Lausanne). ICARUS focuses on the improvement of passenger intermodal transport connections by easing coast-hinterland sustainable accessibility. The project is testing smart mobility solutions through pilot activities based on territorial analysis of current gaps and needs. ICARUS also promotes behavioral change campaigns and the development of local authority planning capacities.*

WEBINAR #3	
	Chat with the experts: Public Transport Operator's strategies & ICT solutions in (post) COVID-19 *The 3rd Training Webinar will see the participation of two experts who will discuss public transport stragies in the post COVID-19 emergency, and specifically the role of the ICT and the operator's strategy in this context. Topics: technological trends, different of approaches between the past and the present, how can technologies support? Format: Questions and Answers 60 minutes About the speakers Giuseppe Zottis - Operation Manager at Trieste Trasporti Giovanni Longo - Professor at Trieste University*

4

WEBINAR #4	
	November 11th, 2:30 PM CEST ***Open data to improve the mobility planning*** *The webinar will provide participants with an overview of the current opportunities offered by open data to aid transport planning and relating decision-making processes. Following an introduction on a range of issues concerning data gathered through open sources and the purpose of their applications, a review of key advantages offered by revealed preference data available on the market (including big data collected from floating cars and similar tracking devices) will be introduced. The webinar will end with a discussion of possible real-world living conditions applications, targeting different modes of transport, to support transport planning and design.* *Speaker: Gennaro Ceccarelli* *Transport engineer with several years' international experience in land development planning, sustainable transport planning, traffic engineering as well as design and evaluation of smart mobility solutions. His project-based experience includes thorough feasibility studies for strategic transport investments; functional design of ITS; impact assessments and socio-economic evaluations; evidence-based transport policy recommendations; and the design of novel business models for shared mobility, connected vehicle applications and MaaS-type systems.*

WEBINAR #5	
April 21, 14.30 PM CEST **Demand Responsive Transportation: what's next?** *a conversation with Shotl* Speaker: **Joshua Biondi** *Business Development Manager at Shotl*	April 21, 14.30 PM CEST **Demand Responsive Transportation: what's next?** a conversation with Shotl *Speaker: Joshua Biondi – Business Development Manager at Shotl* *Discussant:* *Lucio Rubini – Venice International University, Eleonora Tu – Fondazione ITL* *What is the role of Demand Responsive Transportation in the current mobility climate? How can DRT bring value to mobility ecosystems while supporting public authorities in reducing operational costs? Which are the likely trends of the MaaS concept?* *A conversation with Shotl will address these topics within the challenges ahead of the* mobility *planning and governance, from the urban to the peripheral areas.* *Shotl is a mobility platform for transport operators, municipalities, corporations and business parks that matches multiple passengers headed in the same direction with a moving vehicle.* Joshua Biondi *Business Development Manager at Shotl. He has been working in the transportation industry for 4 years. While always involved in technology based companies, he is well versed in the challenges of moving people and now focuses on revolutionizing public transportation with Shotl's algorithm based dynamic routing technology.*

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Expected impact and benefits of the output

The beneficiaries are primarily the ICARUS partners. The transferring of skills though the ICARUS training will support the partners' staff in their activities' pilots of the WPt4, under two prospective: (1) for a sound design and monitoring of the activities, in the preparatory and in the running phases and (2) for an effective planning of the sustainability and transferability of the pilots after the ICARUS' closure. The training will be indeed tailored on the pilots' topics, that are briefly summarized in the following:

- Friuli Venezia Giulia Region (FVGR): Intermodal bike/rail solutions to strengthen and link CAAR cycle path and Cross-border bike & bus service to connect Parenzana and CAAR
- Croatian Railways (HZPP): Improving integrated ticketing and booking system in train & bike category performed by
- Intermodal Transport Cluster (KIP): Web/mobile application for the promotion of intermodal passenger transport on Croatian territory
- Emilia Romagna Region: ICT solutions for seamless intermodal transport
- Istrian Development Agency (IDA): Sustainable intermodal solutions between coast and hinterland area in Istria with main focus on bike and train
- Metropolitan City of Venice: setting up integrated facilities and tools fostering bike-bus-train-ferry intermodality in touristic itineraries across the coastal areas and hinterland
- ARAP Abruzzo: Info mobility & integrated ticketing, real time check-in and tracking for passengers performed by the Regional Agency for productive activities

Second level of beneficiaries are the non-partners Institution that will join the ICARUS Enlarged Transfer Programme (WP4). The ETP is a tool to share the ICARUS knowledge with external institutions which benefit of the project results, by the development of an Action Plan.

Reference to deliverables and activities

This output is made of 2 of documents:

- D.3.3.1 Training path for public authorities
- D.3.3.2 Training material prepared and made available for webinars