Agenda

RIDE2RAIL Project Final Event

(on site only)

Date & Time: 27 April 2023 – h 10.00-17.00

Venue: The Pullman Center Midi hotel - Place Victor Horta, 1 - 1060 Brussels (Belgium)

Registration link:
https://efficy.uitp.org/event.php?id=8625

This project has received funding from the Shift2Rail Joint Undertaking under the European Union's Horizon 2020 research and innovation programme under grant agreement no. 881825.

TIME		TOPIC	SPEAKER
10.00	30'	Registration and Coffee	
10.30	10'	Introduction and agenda	Giuseppe Rizzi, Project Manager, UITP
10.40	15'	Welcome words from UITP	Umberto Guida, Head of third-party projects strategy, UITP
10:55	20'	Introduction on Shift2Rial/Europe's Rail Innovation Programme 4	Gorazd Marinic, IP4 Programme Manager - Europe's Rail
11.15	25'	Coffee Break	
11:40	20'	Overview on choice criteria conceptualization and ride-sharing state of the art in Europe	Alessio Carenini, *tbd*, CEFRIEL/Annie Kortsari, Head of Rail Transport Systems and Services Laboratory (CERTH)
12:00	20'	Overview of IP4 technologies and solutions: Collaboration with CFMs Complementary Projects	Rui Eirinha, XXX, Thales Portugal
12:20	5'	Q&A	
12:25	1h	Lunch	
13:25	15'	Travel behaviour and system requirements	Matteo Rossi, Associate Professor, POLIMI
13:40	1h	Overview on RIDE2RAIL solutions: Offer Categorizer, Offer Matcher & Ranker, Incentive Provider, Agreement Ledger, Crowd Based TSP, Driver Companion	Cristian Consonni, Advanced Research Scientist, EURECAT
14.40	10'	Q&A	
14.50	25'	Coffee Break	
15:15	1h 15'	RIDE2RAIL Demonstration Activities: objectives, strategy and outcomes	Nicola Bassi, Head of R&D, FIT Consulting, supported by: • Annie Kortsari, Head of Rail Transport Systems and Services Laboratory, CERTH - Athens Demo Leader • Suvi Vähä-Sipilä, Project Manager, Forum Virium Helsinki - Helsinki Demo Leader/Eetu Rutanen, Project Manager, Metropolia Univ. • Petra Juránková, Project Manager, OLTIS Group - Brno Demo Leader • Emiliano Altobelli, Program Manager, FSTECH - Paua Demo Leader
16:30	15'	Demonstrations: Impact assessment	David Golightly, Lecturer, University of Newcastle
16:45	15'	Wrap-up	Giuseppe Rizzi, Project Manager, UITP
17:00		End of the meeting	

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If you need more information and support for registration please contact giuseppe.rizzi@uitp.org and salah.regan@uitp.org

Scope of the Event

The end goals of the event are to:

- Present and discuss RIDE2RAIL major activities and outcomes, with particular regards to the demonstration carried out in Athens, Helsinki, Brno and Padua, and the RIDE2RAIL components, developed within the project (Offer Categorizer, Offer Matcher & Ranker, Incentive Provider, Agreement Ledger, Crowd Based TSP, Driver Companion)
- Increase understanding of RIDE2RAIL projects objectives and activities
- Know more about Innovation Programme 4 of Shift2Rail/Europe's Rail
- Know more about RIDE2RAIL collaboration with complementary Shift2Rail projects and about solutions for improving multimodality developed within Shift2Rail

Know the Speakers*

*in alphabetical order

Annie Kortsari (CERTH – Hellenic Institute of Transport)

Ms. Annie Kortsari is a research associate at the Hellenic Institute of Transport at the Centre for Research and Technology Hellas, she holds a degree in civil engineering and a Master's in Business Administration. She is in charge of the Laboratory dedicated to "Rail Transport System and Services" of HIT, focusing on the organization and further development of railway transport. She is an experienced project manager, having worked in various research projects covering a vast range of topics, such as railway passenger and freight transport, urban mobility management, ITS, MaaS, as well as port management and electrification in the maritime sector.

Cristian Consonni (EURECAT Centre Tecnològic de Catalunya)

Cristian Consonni is an advanced research scientist at Eurecat, Centre Tecnològic de Catalunya in Barcelona. Cristian obtained his Ph.D. in Computer Science from the University of Trento in 2019. In his thesis, he studies how knowledge emerges from the structure of links in Wikipedia. Still, he is a theoretical physicist by training, having obtained a M.Sc. in Physics from the University of Milano-Bicocca. His research interests cover computational social science, data mining, and knowledge extraction, focusing on graphs. He is also a free

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software activist, and he has participated in the organization of many international projects related to free and open culture.

David Golightly (UNEW)

David is a Lecturer in Human-Systems Integration at the Future Mobility Group, Newcastle University. He is a Chartered Member of the Institute of Ergonomics and Human Factors (CErgHF) and a Chartered Psychologist (CPsychol), and works in the field of cognitive ergonomics, understanding the factors that make technology and systems fit for the intended user's needs and cognitive abilities. This is primarily in the transport sector, with specific expertise in rail, and covers transport innovation, transport operation and also work with passengers and public. Key research areas include, fundamentals and methodology in human performance; decision-making and performance in control environments; design and deployment of future mobility (shared mobility, ICT for mobility, micromobility, underepresented user groups) and safety and systems (accident and incident analysis, resilient performance, safety leadership).

Eetu Rutanen (Metropolia University)

Mr. Eetu Rutanen works at the Metropolia University of Applied Science's Smart Mobility Innovation Hub as a Project Manager. He has been a lead project engineer and project manager in several publicly funded projects related in automated buses, such as "Helsinki RobobusLine", "SOHJOA-Open road pilots with automated buses"", "FABULOS (Future Automated Bus Urban Level Operation Systems)". Mr. Rutanen has been involved in various projects focusing in smart mobility and lately also focusing in the mobility solutions of sparsely populated areas.

Emiliano Altobelli (FSTECH)

Emiliano Altobelli is a Program Manager in the Demand Digital Solutions "Polo Passeggeri" structure for FS Technology, in Rome. Graduated in Computer Science at Università degli Studi di Roma 'La Sapienza', he had a long a experience as Digital Program Manager with a demonstrated history of working in the information technology and services industry. He has been lead Program Manager for several projects funded by the European Commission such as ATLANTIS, EU RAIL, EU CIP, PRECINCT, IP4MaaS and Orchestra.

Giuseppe Rizzi (UITP)

Mr. Giuseppe Rizzi works as Junior Project Manager in the Rail Unit of UITP Knowledge and Innovation Department. He is currently responsible for Ride2Rail and IP4MaaS projects, and manages within UITP the Regional and Suburban Trains Committee. Graduated in Economics and Management for Public Administrations and International Institutions at Bocconi University, Milan, he worked as officer at the China-Italy Chamber of

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Commerce, Beijing and then as advisor for European projects for Newopera Aisbl in Italy and Belgium. He was involved and actively contributed to several European Commission and Shift2Rail co-funded projects (Spider Plus, ViWaS, C4Rail, Innowag, Optiyard, TER4RAIL, Marathon2Operations) covering different roles in the management of the projects.

Gorazd Marinic (Europe's Rail JU)

Gorazd Marinic is a Programme Manager at Europe's Rail Joint Undertaking. He is responsible for Innovation Programme 4 dealing with IT Solutions for Attractive Railways Services, and for Innovation Programme X, dealing with disruptive technologies, exploratory research and System Architecture. His background is telecommunications, IT and transport digitalisation.

Matteo Rossi (Politecnico di Milano)

Matteo Rossi is an associate professor at Politecnico di Milano, from which he received his Laurea Degree in 1999 and his PhD in Computer Engineering and Automation in 2003. He also holds a Diplôme d'Ingénieur from the École nationale supérieure de Techniques Avancées (ENSTA, Paris). He became assistant professor at the Dipartimento di Elettronica e Informazione at Politecnico di Milano in January 2005, and he is associate professor at Dipartimento di Meccanica since January 2020.
His research interests are mainly in formal methods for safety-critical and real-time systems. In particular, he is interested in the study of formal notations for the modelling of real-time systems, in the development of automated formal verification techniques for timed systems, and in their applications to various domains, and in particular to robotic systems that involve the interaction of humans and machines. He is also interested in issues related to the development of intelligent transportation systems.
He has co-authored over 100 papers in international journals and conferences, and a monograph.

Nicola Bassi (FIT)

Head of Research and Development, with a degree in computer engineering at the Polytechnic University of Turin, carries out his role by coordinating and directing multidisciplinary work groups, directly involved in the design concept, in the analysis of processes and costs in transport, technological innovation fields and eco-sustainable energies. In the past he has dealt with various sectors (insurance, automotive, health, aerospace, ...) gaining considerable skills in analyzing and modeling solutions as well as working group management techniques. He was Director of Development of the National Digital Logistics Platform and therefore responsible for its extensions to new service areas. Expert in the management of public tenders for services as DEC and RUP.

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Petra Juránková (Oltis Group)

Petra Juránková, Project Manager at OLTIS Group. During master's and Ph.D education, she developed professional knowledge in the fields of transport, logistics and technologies of automatic identification. Since 2016, she has been working in OLTIS Group as Project coordinator and later as Project Manager. She participates/has participated to S2R IP4 projects (IT2Rail, GoF4R, SPRINT, Shift2MaaS, Ride2Rail and IP4MaaS) with multiple roles e.g., as demo site leader or WP leader. As part of further involvement, she is primarily interested in the areas of smart cities or ticketing in the transport sector.

Suvi Vähä-Sipilä (Forum Virium Helsinki)

Suvi Vähä-Sipilä works as Project Manager for the URBANE and Ride2Rail projects at the Smart Mobility team at Forum Virium Helsinki. Forum Virium Helsinki is the City of Helsinki innovation company making Helsinki the most functional smart city in the world in cooperation with companies, universities, cities and residents. In recent years, Vähä-Sipilä has worked closely with autonomous delivery vehicles and last-mile logistics as well as drones, accessibility, citizen engagement and the Digital Twin for the city of Helsinki. Vähä-Sipilä's professional background is in EU affairs, project management and communications having worked on regional, national and international level of various EU-activities in Helsinki and Brussels.

Umberto Guida (UITP)

Umberto Guida has 20 years of experience in the management of Research and Innovation projects funded by different national and international entities. He has past experience in the aerospace sector. Since 1999 Umberto has been involved as partner, work package leader and project coordinator, in many research and Innovation projects related to aerospace, maritime, rail and road transport funded by the main European institutions and Private investors. He has been with UITP since 2008 and has been the coordinator of the EBSF Project, the largest research project funded by EU in FP7 about urban transport and ZeEUS project about demonstrations of large-size urban electric buses. In 2022 Umberto was appointed Head of third-party projects strategy at UITP.

Projects' Overview

RIDE2RAIL's project aims at developing an **innovative framework for intelligent mobility**, facilitating the efficient combination of flexible and scheduled transport services, enhancing the performance of the overall mobility system. This framework, consisting in a combined suite of travel offer classifications and software components, is integrated into existing collective and on-demand transport services, connecting and reinforcing the mobility offer especially in **rural and low-demand areas**, in order to induct the access to high-capacity services (rail, bus and other public transport services) thanks to easy-to-use multimodal and integrated travel planning, booking, ticketing and payment features.

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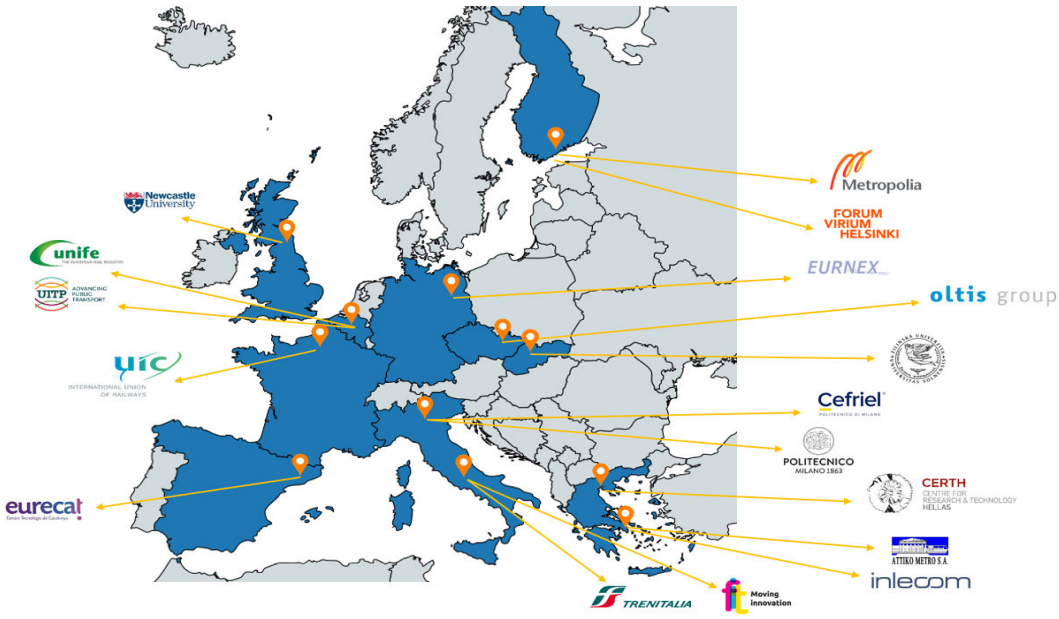
RIDE2RAIL promotes an effective **Ride Sharing** practice of citizens, making it a **complementary** transport **mode** that extends public transport networks. The integration between the Ride Sharing practice, along with a relevant critical mass of users, and the public transport network delivers a crowd-based mobility network and is achieved by the **RIDE2RAIL** framework for intelligent mobility that integrates and harmonises real-time and diverse information about public transport, Ride Sharing and crowdsourcing in a social ecosystem facilitating the comparison and the choice between multiple options/services classified by a set of criteria including environmental impact, travel time, comfort, cost thus facilitating the individual, more positive, convenience of the travel experience.

The second relevant achievement of **RIDE2RAIL** is to test in 4 real demonstrators Padua, Brno, Athens, Helsinki) a **set of software components for the S2R IP4 ecosystem,** including an **advanced Travel Companion** and the **crowd-based Transport Service Provider**.

More information on **RIDE2RAIL**: https://ride2rail.eu/



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