

## Special sessions

### Special session 1 - NEON - New energy and mobility outlook for the Netherlands

Paper ID	Title	Authors
107	Optimization-based comparison of rebalanced docked and dockless micromobility systems	Fabio Paparella, Banchon Sripanha, Theo Hofman and Mauro Salazar
73	Quantifying the charging flexibility of electric vehicles; an improved approach with realistic travel patterns	Peter Hogeveen, Vincent A. Mosmuller, Maarten Steinbuch and Geert P.J. Verbong
153	How rightsized shared autonomous electric vehicles could slash CO2 emissions and resource use while making cities more livable and transport more enjoyable	Auke Hoekstra, Peter Hogeveen and Pim Labee
246	Predicting multimodal trips and sub-trips; simultaneous vs. sequential approach	Pim Labee, Soora Rasouli and Seheon Kim
51	A stated adaptation approach to assess mode change behavior of car drivers in presence of Park and Ride facilities	Valeria Caiati and Soora Rasouli
33	Estimating availability effects in travel mode choice among e-bikes and other sustainable mobility services: Results of a stated portfolio choice experiment	Xueting Ren, Soora Rasouli, Harry Timmermans and Astrid Kemperman
47	Role of service uncertainty in decision to use demand responsive transport services: A stated adaptation choice experiment	Shangqi Li, Soora Rasouli and Harry Timmermans

### Special session 2 - Urban sustainability

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236	INVESTL2 ontology: Semantic modeling of sustainable living labs	Omiros Iatrellis, Areti Bania, Rik Eweg, Liisa Timonen and Ekaterina Arabska
147	Evaluation of the current state and trends for the sustainable development of the AGRIFOOD sector of the south central region of Bulgaria	Nazan Arifoglu Sen, Mariana Ivanova and Svetla Dimitrova
237	Information communication technologies and disaster risk management: Systematic literature review	Areti Bania, Omiros Iatrellis and Nicholas Samaras
238	Innovative Bio-based circular economy schemes: The case of biomass and food waste utilization as an enabler of regional resilience	Maria Batsioula, Apostolos Malamakis, Sotiris I. Patsios, Dimitrios Geroliolios, Stamatia Skoutida, Lefteris Melas and Georgios F. Baniias
239	Relevant research and development competences – Case INVEST4EXCELLENCE	Liisa Timonen, Tiina Muhonen and Helena Puhakka-Tarvainen
240	Optimizing urban resilience via FCM and participatory modeling: The case of Joensuu Finland	Konstantinos Kokkinos, Omiros Iatrellis, Liisa Timonen and Nicholas Samaras

**Special session 3 - Cargo bikes for sustainable mobility and logistics**

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42	Optimizing the route and location planning for cargo bikes and mobile parcel stations	Benjamin Rolf, Gianna Kurtz, Kai Philip Hempel and Hartmut Zadek
118	Evaluation of station distribution strategies for next-generation bike-sharing system	Vasu Dev Mukku, Imen Haj Salah, Abhirup Roy and Tom Assmann
103	Data-driven approach for defining demand scenarios for shared autonomous cargo-bike fleets	Malte Kania and Tom Assmann
67	Determining the demand for loading / unloading zones in urban areas	Patrick Mayregger
90	Diversification of the bicycle market and consequences for urban infrastructure	Dennis Knese and Lukas Fassnacht
113	Collaborative distribution solutions in last mile logistics	Anna Buerklen, Nicolas Schuete and Christian Rudolph

**Special session 4 - Reinforce competitiveness of regional transport SMEs**

<b>Paper ID</b>	<b>Title</b>	<b>Authors</b>
	Interreg Europe programme: State of play	Anne Rocheteau
	The RECREATE Project: project overview and main results	Eleni Anoyrkati
	West Midlands region: adapting a sectorial approach in business support programmes	David Hope
	The South Aegean region's experience through the RECREATE Project: from the identification of regional best practices to the creation of a cluster	Alkis Kyriakou
	The state of the transport sector in Lithuania: what the country has learnt from the RECREATE project and what is the potential for future development	Povilas Bacevičius
	The RECREATE project in South-West Oltenia region: Innovation increase and strengthening of transport SMEs competitiveness through digital support	Sorin Cosmulescu

# Technical sessions

## Thematic track 1 - Electric and clean energy in transportation

### Technical session 1.1 - Shifting to electric and cleaner solutions for fighting climate change

Paper ID	Title	Authors
79	What potential does light electric mobility have to reduce car trips?	Laura Gebhardt and Mascha Brost
97	Is the shift to electrification and powertrain improvement sufficient to change urban mobility impact on climate change?	Vasiliki Georgatzi and Yeoryios Stamboulis
101	The dynamic relation of climate change and energy transition with transport and mobility policies in the EU through social media data mining	Anastasia Nikolaidou, Aristomenis Kopsacheilis, Nikolaos Gavanas and Ioannis Politis
110	Park-and-ride: The case for coupling EV charging stations with micro-mobility hubs in residential areas	Aikaterini Moschopoulou, Ioannis Frantzeskakis, Konstandinos Grizos and Theocharis Vlachopanagiotis
20	Metro braking energy for station electric loads: The business case of a smart hybrid storage system	George Leoutsakos, Alexandros Deloukas, Kanellina Giannakopoulou, Maria Zarkadoula, Dimitris Kyriazidis and Astrid Bensmann
242	The impact of the transport sector on the environment in the context of globalization	Cristiana Tudor and Robert Sova

### Technical session 1.2 - Modeling and optimising electric and cleaner vehicles and services

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23	Forecasting the passenger car demand split from public perceptions of electric, hybrid, and hydrogen-fueled cars in Greece	Konstantinos Christidis, Vassilios Profillidis, George Botzoris and Lazaros Iliadis
95	Demand responsive feeder bus service using electric vehicles with timetabled transit coordination	Yumeng Fang and Tai-Yu Ma
96	Investigation of user's preferences on electric passenger cars	Christos Mylonas, Panagiotis Papantoniou, Panagiota Spanou and Dimosthenis Pavlou
131	A large scale simulation of the electrification effects of SAVs	Riccardo Iacobucci, Marco Pruckner and Jan-Dirk Schmöcker
230	Design and development of power electronic booster to extend the range of supercapacitor powered electric bicycle	Bharathi Sankar Ammaiyappan
234	Driver-in-the-loop simulator of electric vehicles	Csaba Antonya, Călin Husar, Silviu Butnariu, Claudiu Pozna and Alexandra Băicoianu
235	Observations on the driving of plug-in hybrid cars in real-world conditions	Jaime Suarez, Andres Laverde, Alessandro Tansini, Markos Ktistakis, Dimitrios Komnos and Georgios Fontaras

**Technical session 1.3 - Integrating smart transport and smart grids**

<b>Paper ID</b>	<b>Title</b>	<b>Authors</b>
10	Research trends and opportunities related to charging and supply systems for vehicles with electric / hybrid propulsion	Ciprian Bejenar, Mihai Rață, Gabriela Rață and Laurențiu-Dan Milici
11	Dynamic charging management for electric vehicle demand responsive transport	Tai-Yu Ma
76	A regional civilian airport model at remote island for smart grid simulation	Georgios Vontzos and Dimitrios Bargiotas
127	Exploring the feasibility and profitability of using electric bus fleets for power grid services	Fan Fei, Riccardo Iacobucci, Wenzhe Sun and Jan Dirk Schmoeger
129	An innovative smart charging framework for efficient integration of plug-in electric vehicles into the grid	Stylios Vagropoulos, Stratos Keranidis, Zafeirios Bampos and Konstantinos Afentoulis
163	A blockchain-based smart contractual framework for the electric vehicle charging ecosystem	Konstantinos Afentoulis, Zafeirios Bampos, Stylios Vagropoulos and Stratos Keranidis
226	Investigating the option of developing a power supply network using electricity in Greek islands: The case of Skiathos island	Ioannis Gagtzas and Giannis Adamos

**Thematic track 2 - Emerging and innovative technologies in transport****Technical session 2.1 - Technological innovations in transport and mobility**

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2	Innovative non-polluting traffic light crossroads	Calin Ciufudean and Corneliu Buzduga
3	System for avoiding traffic jams of intervention vehicles	Calin Ciufudean and Corneliu Buzduga
21	A mobile computing based tool for low-emission driving	Nikos Dimokas, Dimitris Margaritis, Sébastien Faye, Ramiro Camino, Orhan Alankuş and Engin Ozatay
38	Discrepancy between hyperpath and actual route choices based on smart-card data in Shizuoka, Japan	Rattanaporn Kaewkluengklom, Fumitaka Kurauchi and Takenori Iwamoto
54	Developing a heuristic route planning method to support seamless mobility solutions	Domokos Esztergár-Kiss, Géza Katona and Alireza Ansariyar
55	A large-scale traffic scenario of Berlin for evaluating smart mobility applications	Karl Schrab, Robert Protzmann and Ilja Radusch
229	Advances in smart roads for future sustainable cities	Giannis Adamos
247	A network topology-based deep learning approach for traffic speed evolution prediction	Lili Du

### Technical session 2.2 - On-demand transport services

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30	Smart parking: An image processing-based intelligent parking system	Mehdi Mekni, Mehdi Mekni, Keerthi Lavanyeswari Pasala, Charitha Sree Jayaramireddy, Sree Veera Venkata Sai Saran, Steven Atilho, Benjamin Greenfield, Benjamin Placzek and Mohamad Nassar
53	Total cost of ownership impact on MaaS system appeal: An agent based approach	Carolina Cisterna, Federico Bigi and Francesco Viti
72	A recommendation engine for a smart parking ecosystem	Spyros Kontogiannis, Nikolaos Zacharatos and Christos Zaroliagis
85	A crowdsourcing framework for reporting available parking spots in urban areas	Grigorios Christainas, Dionysios Kehagias, Athanasios Salamanis, Pavlos Spanidis, Menelaos Kyrkoy and Dimitrios Tzovaras
99	A review of use cases of gamification in mobility systems and services	Luís Barreto, António Amaral, Teresa Pereira and Sara Paiva
114	An innovative mobile application for booking parking spaces	Pavlos Spanidis, Nikolaos Dimokas, Mary Panou, Grigorios Christainas, Athanasios Salamanis and Dionysios Kehagias
135	AI driven adaptive scheduling for on-demand transportation in smart cities	Margarita Ruseva, Veneta Markovska and Stanimir Kabaivanov
245	Decision intelligence based on big data for user-oriented trip planner development	Alise Dinko, Irina Yatskiv (Jackiva) and Evelina Budilovich (Budiloviča)

### Technical session 2.3 - Co-creating innovative technologies in transport

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40	Pursuing technological solutions for tourists' urban travel behavioral change in the post COVID-19 era; the SUSTOURISMO app	Kornilia Maria Kotoula, Glykeria Myrovali and Maria Morfoulaki
46	Stakeholders' survey on the introduction of autonomous vehicles in Greece	Evangelia Gaitanidou, Evangelos Bekiaris and Panagiotis Papaioannou
52	Autonomous mobility as a means of innovation diffusion: The case of Trikala, Greece	Georgios Kalogerakos and Nikolaos Gavanas
56	Autonomous vehicles: Impact on human life - a statistic and descriptive overview of research results, using the Delphi method	Ioannis Matsas, George Mintsis, Socrates Basbas and Christos Taxiltaris
137	Big data analytics for analyzing consumer preferences and satisfaction in public transportation	Jabarova Dzhabarova, Aygun Erturk and Stanimir Kabaivanov
162	Citizen and stakeholder engagement in the development and deployment of automated mobility services, as exemplified in the SHOW project	Delphine Grandsart, Henriette Cornet, Matina Loukea, Stéphanie Coeugnet-Chevrier, Natacha Metayer, Anna Anund and Anna Dahlman
203	Transportation systems of Asia: Investigating the preferences for their implementation in Greece with the use of the Maximum Difference (MaxDiff) scaling method	Melpomeni Mokka, Georgios Palantzas, Ioannis Politis and Dimitrios Nalmpantis
222	Urban sharing mobility services, which factors matter? A stated and revealed preference analysis	Angela S. Bergantino, Mario Intini and Lucia Rotaris

**Technical session 2.4 - Cooperative intelligent transport systems**

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34	Digital infrastructure service role and functional model for urban ITS service applications	Junichi Hirose
71	Innovative technologies and systems for urban mobility: The case of Padua	Marco Mazzarino, Luca Braidotti, Beatriz Royo and Teresa de la Cruz
111	Using C-ITS for shockwave damping and preventing on highways	Marina Kouta, Konstantina Marousi and Athanasios Koukounaris
138	Framework for urban C-ITS GLOSA evaluation	Thomas Otto, Michael Klöppel-Gersdorf and Ina Partzsch
157	Relationship and differences between entrepreneurship and research in the crowdmapping project for crowdsourced urban data	Mátyás Szántó and László Vajta
161	Repurposing open traffic data for estimating the mobility performance	Špela Verovšek, Tadeja Zupančič, Matevž Juvančič, Lucija Ažman Momirski, Miha Janež and Miha Moškon
166	Evaluating the quality of public spaces using crowdsourcing data: The case of the metropolitan area of Thessaloniki	Alexandros Sdoukopoulos, Nikolaos Gavanas and Magda Pitsiava-Latinopoulou
244	Percolation phenomenon in connected and automated vehicle network through a multi-agent modeling approach: Market penetration and mobility benefits	Haizhong Wang

**Technical session 2.5 - Vehicle automation and smart equipment**

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74	An informative and secure mobile system to improve driver behaviour and traffic conditions	Emmanuel Vasilopoulos, Nikos Iliakis, Maria Krommyda and Angelos Amditis
80	Application of smart windows equipped with radiant internal curtains to improve thermal comfort in urban transport vehicles	Eusébio Conceição, M <sup>a</sup> Ines Conceição, M <sup>a</sup> Manuela J. Lúcio, João M. Gomes and Hazim Awbi
81	Urban transport vehicles equipped with HVAC systems based in ceiling-mounted air distribution systems	Eusébio Conceição, M <sup>a</sup> Ines Conceição, M <sup>a</sup> Manuela Lúcio, João M. Gomes and Hazim Awbi
140	Fostering the autonomous driving in urban mobility operation (passengers and goods) – INTEGRA network	Mireia Calvo Monteagudo and Sergio Güerri Ferraz
156	Automated vehicles' effects on urban traffic flow parameters	Umberto Crisalli, Ernesto Cipriani, Andrea Gemma and Livia Mannini
208	The impact of CNG on buses fleet decarbonization	João Paulo Fontoura Oliveira, Tânia Fontes and Teresa Galvão
225	A study on the use of autonomous vehicles for the interconnection of urban transport interchanges	Anastasia Georganti, Nikolaos Soumpasis and Giannis Adamos
249	Identifying and assessing the potential of AI and other emerging technologies for the transportation system	Robert Sheehan

**Thematic track 3 - Active and non-motorized travel****Technical session 3.1 - Walking and cycling infrastructure**

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78	How is the redesign of public space for active mobility and healthy neighborhoods perceived and accepted? Experiences from a temporary real-world experiment in Berlin	Julia Jarass and Katharina Götting
88	Driver's willingness to pay for cycling infrastructure	Athanasios Zevgaras, Aikaterini Deliali and George Yannis
94	Strengthening cycling by evaluating and improving the cycling infrastructure - SABRINA project	Lucia Ilieva and Zdravka Yakimova
120	Emergent bicycle infrastructure during the COVID-19 pandemic; The Karamanli Avenue pop-up cycle lane in Thessaloniki, Greece	Garyfallia Katsavounidou, Apostolos Papagiannakis, Iordanis Christakidis and Odysseas Mavros
177	Pedestrian movement and the built environment – A bigdata-based analysis	Avital Angel and Prina Plaut
182	Walkability evaluation: the case studies of Veroia and Igoumenitsa, Greece	Ilianna Boulmou, Konstantina Tsakelidou, Georgios Palantzas, Evangelos Genitsaris and Dimitrios Nalmpantis
193	Evaluation of temporary mobility measures due to the COVID-19 pandemic in the city of Thessaloniki, Greece	Anastasia Totokotsi, Vagia Topouzli, Georgios Palantzas and Dimitrios Nalmpantis
202	Anthropocentric design of sidewalks with the use of conjoint analysis	Anna Anyfanti, Ioannis Frantzeskakis, Georgios Palantzas and Dimitrios Nalmpantis

**Technical session 3.2 - Promoting active mobility**

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14	Context-aware bicycle route planning	Damianos Gavalas, Theofanis Gerodimos and Christos Zaroliagis
28	Promoting public and active transport based intermodal mobility; The Adriatic – Ionian experience	Glykeria Myrovali and Maria Morfoulaki
83	Social media and urban mobility choices: How a transport-related content could be influential in social media	Maria Karatsoli and Eftihia Nathanail
123	Smart and resilient urban mobility during the COVID-19 pandemic. The case of a southern European medium-sized city	Zoi Olympisiou and Apostolos Papagiannakis
144	Supporting behavioural change towards cycling through cycle safety interventions for children	Alexandros Skeparianos and Eleni Anoyrkati
148	Policies to promote and uptake soft mobility in the Mediterranean	Christos Gioldasis, Zoi Christoforou, Kosmas Anagnostopoulos, Claudia Ribeiro, Alessia Giorgiutti and Laia Vinyes Marce
211	Active mobility versus motorized transport of high school students in Orestiada municipality of Greece	Zoe Tampaki, Thomas Panagopoulos, Paraskevi Karanikola, Stilianos Tampakis and Sotiria Ralousi
214	Modal shift towards active transport during the Covid-19 restrictions: Can we maintain this trend?	Panagiotis Nikolaos Kezios and Ioanna Spyropoulou

**Technical session 3.3 - Understanding active travel behaviour**

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86	Evaluating route choice characteristics of e-scooters	Sofia-Ioanna Machaira, Panagiotis Papantoniou and Ioanna Pagoni
87	What is leading the choice between motorized and non-motorized transport modes? The case of Porto metropolitan area	Hudyeron Rocha, António Lobo, José Pedro Tavares and Sara Ferreira
117	A joint methodological approach for interpreting school mobility patterns and decisions	Kornilia Maria Kotoula, Stylianos Kolidakis, George Botzoris and Georgia Aifadopoulou
145	Mobility patterns in the campus of the University of Patras	Christos Gioldasis, Anna Mariam Psarrou Kalakoni, Zoi Christoforou, Garyfallia Liappi and Maria Giannoulaki
159	The impact of Covid-19 pandemic on active mobility – Belgrade example	Ana Trpković, Eleni Anoyrkati, Vladislav Maraš, Predrag Živanović and Sreten Jevremović
188	Understanding group social ties and their impact on travel behaviour	Na'Amah Hagiladi and Pnina Plaut
231	An evaluation of agent-based models for simulating e-scooter sharing services in urban areas	Eirini Stavropoulou, Lambros Mitropoulos, Panagiotis G. Tzouras, Christos Karolemeas and Konstantinos Kepaptsoglou
61	Reinforcing competitiveness of transport SMEs in West Midlands region, UK	Eleni Anoyrkati, Alba Avarello and Giuliana Famiglietti-Pipola

**Thematic track 4 - Equitable, just and inclusive transportation****Technical session 4.1 - Inclusive and equitable mobility**

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43	Involving passengers in creating inclusive digital mobility solutions – findings from the INDIMO project	Kathryn Bulanowski, Sandra Nicolau Lima and Floridea Di Ciommo
49	Multimodal route planning for blind and visually impaired people	Catarina Costa, Sara Paiva and Damianos Gavalas
104	Insularity, accessibility, and affordability of transport in Greek islands	Theodore Tsekeris
108	Is shared mobility equally accessible to all? An income analysis of service adoption	Ignacio Martín, Oliva G. Cantú-Ros and Javier Burrieza-Galán
165	Transit fare equity: Understanding the factors affecting different groups of users' payment methods	Michael Lu and Ehab Diab
169	Co-designing transport solutions towards an inclusive public transport in the city of Bologna	Chiara Lepori, Giuseppe Liguori, Elvia Vasconcelos de Gouveia and Matteo Brusa



**Technical session 4.2 - User centric transport**

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31	User acceptance of automated shuttle buses - results of a passenger survey in Stolberg	Sönke Beckmann and Hartmut Zadek
50	Public transport versus demand responsive transport services in (extremely) low demand areas: The case of the Sicilian hinterland	Tiziana Campisi, Socrates Basbas, Anestis Papanikolaou, Antonino Canale and Giovanni Tesoriere
100	Conceptual architecture for an inclusive and real-time solution for parking assistance	Sara Paiva, António Amaral, Teresa Pereira and Luis Barreto
109	A network analysis model to measure the accessibility of public spaces	Asterios Binopoulos, Eleni Evangelidou, Konstandinos Grizos and Theocharis Vlachopanagiotis
143	An investigation of distraction factors on road safety	George Botzoris, Vassilios Profillidis, Athanasios Galanis, Panagiotis Lemonakis and Gerasimos Argyropoulos
178	Optimization of a prospective carpooling service in the regional unit of Thessaloniki with the use of conjoint analysis and market simulation	Ioannis Ouranos, Vasileios Chatzizisis, Georgios Palantzas, Evangelos Genitsaris and Dimitrios Nalmpantis
198	Micromobility and micromobility status quo in Greece	Panagiota Mavrogenidou, Amalia Polydoropoulou and Athena Tsimpa

**Thematic track 5 - Sustainable and resilient supply chain****Technical session 5.1 - New trends and emerging modes in last mile deliveries**

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15	An emerging and innovation transport solution: Towards transforming parking lot to urban consolidation centre: Madrid living lab	Beatriz Royo Agsutin, Dimitra Politaki, Juan Nicolás González and Angel Batalla
37	How digital services implementation along international supply chains influences the performance of logistics operations? A bottom-up approach for impact validation and categorization	Sofoklis Dais, Leonidas Parodos, Georgia Ayfantopoulou and Elpida Xenou
154	Efficient Management of operations in Ro-Ro/Ro-Pax terminals using a cloud-based yard management platform	Georgios Tsoukos, Athanasios Giannopoulos and Apostolos Bizakis
217	The use of drones in city logistics - A case study application	Theonymfi Xydianou and Eftihia Nathanail
227	Towards an integrated framework for smart goods distribution in a middle-sized city	Eleftherios Tsolkas and Giannis Adamos
232	Crowd shipping for urban logistics: Investigating the factors affecting consumer adoption in Hanoi, Vietnam	Thi My Thanh Truong

**Technical session 5.2 - Advances in operation and management of freight transport and logistics**

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44	Assessing the evolution of urban planning and last mile delivery in the era of e-commerce	Tiziana Campisi, Antonio Russo, Socrates Basbas, Ioannis Politis, Efstathios Bouhouras and Giovanni Tesoriere
48	Is it necessary to calculate passenger car equivalent value for commercial vehicles in urban areas?	Efstathios Bouhouras, Konstantina Kikeni, Athanasios Siginos, Apostolos Vouitsis, Konstantina Voulgari and Socrates Basbas
91	Appropriate key performance indicators for evaluating integrated passenger-freight transport	Francesco Bruzzone, Federico Cavallaro and Silvio Nocera
125	The main problems of the road freight transport sector in Greece	Dimitrios Zekos, Georgios Palantzas and Dimitrios Nalmpantis
167	EN.I.R.I.S.S.T Road freight transport service: An impact oriented policy advice tool	Ioannis Karakikes, Amalia Polydoropoulou, Athena Tsimpa and Ioanna Pagoni
233	Anticipation of new and emerging trends for sustainable last-mile urban distribution	Vasco Silva, António Amaral and Tânia Fontes
243	The importance of logistics performance for mitigating transportation-caused pollution	Robert Sova and Cristiana Tudor

**Thematic track 6 - Urban planning and transport infrastructure****Technical session 6.1 - Challenges and solutions for sustainable public transport**

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8	Water management solutions to decrease both water and CO2 consumption in Europe	Daniela Vasari, Maria Vittoria Corazza and Anita Toni
39	Transport network design based on origin/destination clustering during the COVID-19 pandemic use case	Matthieu Guillot, Angelo Furno, El-Houssaine Aghezzaf and Nour-Eddin El Faouzi
45	Sustainable public transport in Petroşani Basin, Romania – Current status and development perspectives	Sorin Mihailescu and Gabriel Praporgescu
58	The impact of weather on daily ridership of the urban rail transportation system	Oruc Altintasi, Dilan Oruczade and Mehmet Can Guven
134	Estimating the environmental footprint of the O.A.S.A Group	Marlen Michali, Konstantinos Karampourniotis, Panagiotis Zafeiriou and Laoura Vavaliou
209	A hybrid MCDA methodology to evaluate ferry fleet assignment to routes in the Greek islands	Georgios Papaioannou, Eftihia Nathanail and Amalia Polydoropoulou

**Technical session 6.2 - Safe and sustainable transport infrastructure and services**

<b>Paper ID</b>	<b>Title</b>	<b>Authors</b>
13	Sustainable, smart and safe mobility at the core of sustainable tourism in six European islands	Claudio Mantero
35	Evaluating road network hierarchy planning suggestions in SUMP. Evidence from 7 Greek cities	Stefanos Tsigdinos, Aglaia Sfakaki, Anastasia Zachou, Yannis Paraskevopoulos, Panagiotis G. Tzouras and Efthimios Bakogiannis
64	AURORA – Creating space for urban air mobility in our cities	Kathryn Bulanowski, Dominique Gillis, Elham Fakhraian, Sandra Nicolau Lima and Ivana Semanjski
98	Moving towards safe and sustainable mobility: The development of a road accident information center for Greece (DEAR)	Amalia Polydoropoulou, Ioannis Politis, Georgios Georgiadis, Ioanna Pagoni, Alexandros Sdoukopoulos, Danai Kouniadi, Efthymis Papadopoulos, Nikoleta Krousouloudi, Ioannis Fyrogenis and Aristomenis Kopsacheilis
215	A portable device for supporting autonomous and healthy urban ageing: the PROLONG system	Despoina Petsani, Efstathios Sidiropoulos, Dimitris Bamidis, Giuseppe Conti, Leonardo Lizzi and Evdokimos Konstantinidis
216	Policies for sustainable mobility promotion and road safety enhancement at urban intersections	Konstantinos Karagiannis and Sofoklis Grigoriadis
223	Asset management: Rules for enhancing resilience	Afroditi Anagnostopoulou, Aggelos Aggelakakis, Maria Boile and Arjan Hijdra
228	A bibliometric analysis of measures to improve road infrastructure safety	Giannis Adamos

**Technical session 6.3 - Integrated planning and policies for sustainable urban development**

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36	Regenerating Athens city centre to a low pollution and restricted vehicle traffic zone	Dimitra Chondrogianni, Yorgos Stephanedes and Panagiota-Gerogia Saranti
65	Analysis and evaluation of mobility solutions and targeted interventions to support the urban regeneration of the Canal Port of Rimini	Rachele Corticelli, Margherita Pazzini, Lorna Dragonetti, Cecilia Mazzoli, Claudio Lantieri, Annarita Ferrante and Andrea Simone
150	Spatial diffusion of shared mobility schemes across Europe	Elnert Coenegrachts, Joris Beckers, Thierry Vanelslander and Ann Verhetsel
205	Urban air mobility integration to urban planning	Dionysia Perperidou and Dimitrios Kirgiasinis
250	Convincingly presenting your AI project or product: The power and effectiveness of storytelling	Andy Boenau
251	Challenges to AI model development for ITS: Assuring a seamless pathway from data to action	Eleni Vlahogianni

**Technical session 6.4 - Assessment and evaluation of sustainable urban mobility**

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57	Revision of the Budapest mobility plan, and the alignment of urban and transport strategies in Budapest	Diana Kimmer and Tünde Hajnal
142	Minimizing unobserved heterogeneity in self-reported riding behavior data analysis using random parameter negative binomial model	Shivam Singh Chouhan, Ankit Kathuria and Ravi Sekhar Chalumuri
187	Impact of Covid-19 on urban traffic patterns	Nikolaos Mexis and Ioanna Spyropoulou
191	An FCM approach to achieve near zero-CO2 urban mobility: The case of Larissa, Greece	Konstantinos Kokkinos and Eftihia Nathanail
241	Analyzing pollutant concentrations by wind direction in two main Greek urban centers	Cristiana Tudor
248	AI applications in emergency evacuations	Xilei Zhao