



LISBON 2022

MOVING TOGETHER

See you in Lisbon in 2022!



TRA2022 Lisbon - Main highlights

TRA2022 Conference Highlights
26th September 2022

Luís Maia and Marta Teixeira Pinto



AGÊNCIA NACIONAL
DE INOVAÇÃO

Welcome to Lisbon!
Welcome to the 9th Transport Research Arena



TRANSPORT RESEARCH ARENA

traconference.eu

- The largest European research and technology conference on transport and mobility
- Moving together – reimagining mobility worldwide
- 14-17 November 2022 |Lisbon Congress Center (CLL)



TRA2022 in numbers

4 Plenary Sessions

+ 2.000 participants

4 days

+30 hours of programming

+50 stands

+30 Scientific & Technical Sessions

12 Strategic Sessions

+15 demonstrators

+10 technical visits



Programme Overview



[DOWNLOAD THE PROGRAMME OVERVIEW](#)

Please consider the environment and do not print it if not necessary

SUNDAY 13.11.2022

9.00 – 18.00

REGISTRATION

MONDAY 14.11.2022

8.00 – 18.00

REGISTRATION

8.00 – 8:30

Preparation time at the exhibition area

9.30 – 12.00

OPENING CEREMONY

INDUSTRIAL ROUND TABLE: The future of mobility in Europe
TRA Visions Young Researchers Awards Ceremony

12.00 – 13.00

OPENING OF THE EXHIBITION

12.00 – 13.30

Lunch Break
Exhibition Opening hours 12.00 – 18.30

13.30 – 14.45

PLENARY 1 – Smart Solutions and Society

14.45 – 15.15

Coffee Break

15.15 – 16.30

Strategic Session 1.1 – Mobility for all: fair, inclusive, affordable and accessible in all places

Strategic Session 1.2 – Connected and Automated Multimodal Mobility in Europe – Paving the way to deployment

Strategic Session 1.3 – Artificial Intelligence for smart and sustainable mobility



OPENING SESSION

Monday, 14 November 2022: 09:30 – 13:00

09:30 – 10:15: Opening keynotes with:

- Pedro Nuno Santos, Portuguese Minister for Infrastructure and Housing
- Mariya Gabriel, EU Commissioner for Innovation, Research, Culture, Education and Youth *
- Carlos Moedas, Lisbon Mayor *

10:15 – 11:30: Industrial Round Table: The future of mobility in Europe | Moderated by Jacki Davis

- Henrik Hololei, Director General at DG-MOVE *
- Joana Mendonça, President at the Portuguese National Innovation Agency
- Luc Nadal, CEO at GEFCO *
- Manuel Nunes, CEO Siemens Mobility
- René Berkvens, Chairman at SEA Europe
- Sigrid de Vries, Director General at the European Vehicle Manufacturer (ACEA)

11:30 – 12:00: TRA Visions Young Researchers Awards Ceremony with:

- Mariya Gabriel, EU Commissioner for Innovation, Research, Culture, Education and Youth *
- Key sponsors of TRA Visions

12:00 – 13:00: Opening of the exhibition and exhibition tour with:

- Pedro Nuno Santos, Portuguese Minister for Infrastructure and Housing
- Mariya Gabriel, EU Commissioner for Innovation, Research, Culture, Education and Youth *

*to be confirmed



PLENARY 1 – SMART SOLUTIONS AND SOCIETY

Monday, 14 November 2022: 13:30-14:45

SPEAKERS:

- Evangelos Bekiaris, Director at Hellenic Institute of Transport (HIT)
- Francois Régis Le Tourneau, VP for Corporate Responsibility at L’Oreal
- Henrik Hololei, Director-General DG MOVE *
- Mário Filipe Campolargo, Portuguese Secretary of State for Digitalisation and Administrative Modernisation
- Young Tae Kim, Secretary General at ITF

MODERATOR:

- Jacki Davis

*to be confirmed

DESCRIPTION:

In this Plenary Session, dedicated to Smart Solutions and Society, the digital and just transition will be explored and approached in the scope of the most adequate mobility solutions. Human behavior patterns and digital tools should be approached together to develop win-win mobility solutions that target sustainable, affordable, safe, flexible, and inclusive forms of mobility.

The European Green Deal, A Europe Fit for the Digital Age, and the Sustainable and Smart Mobility Strategy are key driver initiatives that will foster mobility solutions towards improved resilience and increased sustainability. Mobility (people and goods) is in deep transformation as we are at the crossroad of massive digitalization enabling more and more easy interconnectivity and access to services and resources seamlessly and urgent decarbonization needs that call for more efficient and shared use of the resources. In this paradigm situation, the innovation landscape is fertile and there are plenty of



PLENARY 2 – GREEN MOBILITY AND DECARBONISATION

Tuesday, 15 November 2022: 10:30-11:45

SPEAKERS:

- Carlos Moedas, Mayor of Lisbon *
- Francisco Jose Cardoso dos Reis, Chairman of UIC Europe Region and International Affairs Director and Senior Advisor to the Board of Directors at Infraestruturas de Portugal
- Henriette Thygesen, CEO for Fleet & Strategic Brands at Maersk *
- Patrick Child, Deputy Director-General DG ENV and Cities Mission Manager *
- Peter Lehnert, Vice President at BMW
- Sabine Klauke, CTO at Airbus / Member of the Airbus Executive Committee *

MODERATOR:

- Jacki Davis

*to be confirmed

DESCRIPTION:

In this Plenary Session, dedicated to Green Mobility and Decarbonization, the challenge related to carbon neutrality in the transport system will be explored considering different transport modes and the full value-chain approach. The main political initiatives that drive this session are related to the fulfilment of the European Green Deal and its overall goals concerning sustainability and Carbon neutrality. The EU Green Deal includes a target to reduce transport-related greenhouse gas emissions by 90% by 2050. To reach this goal, the Sustainable and Smart Mobility Strategy is also a key driver with the main priorities of increasing the uptake of zero-emission vehicles and having at least 100 climate-neutral cities in Europe by 2030.



PLENARY 3 – INNOVATIVE INFRASTRUCTURE FOR EUROPE 2030

Wednesday, 16 November 2022: 10:30-11:45

SPEAKERS:

- Annaleena Mäkilä, Chair of the European Sea Port Association (ESPO)
- João Caetano, President at the Portuguese Institute for Mobility and Transport *
- Olga Algayerova, Executive Secretary at UNECE *
- Pietro D'Arpa, Vice-president Supply Chain Procter & Gamble Europe

MODERATOR:

- Jacki Davis

*to be confirmed

DESCRIPTION:

This Plenary Session, titled Innovative Infrastructure for Europe 2030, will foster the discussion of the main issues surrounding the future of transport infrastructure in Europe and beyond, considering the vision and goals set in relevant strategic documents such as the European Green Deal and the Sustainable and Smart Mobility Strategy, as well as the financing opportunities for infrastructure provided by the European Recovery and Resilience Plan.

Traffic on Europe's roads and railways is increasing while much of the continent's transport infrastructure is ageing and facing new climate-related challenges. This is increasing the risk of accidents and undermines efficiency. Investments have been and continue to be made to complete the physical TEN-T network, but there are still many bottlenecks and operational obstacles to cross-border multimodal freight and passenger transport. At the same time, transport infrastructure is now facing new challenges and opportunities from energy transition and digitalization. It is important to improve how European infrastructure is designed, built, maintained, and operated taking into account the three dimensions: physical, energy, and digital.



PLENARY 4 – POLICIES AND ECONOMICS FOR A COMPETITIVE EUROPE

Thursday, 17 November 2022: 10:30-11:45

SPEAKERS:

- Bernard Meyer, CEO and owner of Meyer Werft *
- Jean-Eric Paquet, Director General DG RTD *
- Jean-Luc di Paola-Galloni, Vice President at Valeo
- Markus Villig, CEO at Bolt *

MODERATOR:

- Jacki Davis

*to be confirmed

DESCRIPTION:

This Plenary Session, titled Policies and Economics for a Competitive Europe, will focus on the discussion of the main policies, frameworks, and economic trends that are needed to boost Europe's competitiveness in the area of transport, both on the research and industrial fronts, taking into account the vision and goals set in relevant strategic documents such as A Europe Fit for the Digital Age, the Fit for 55 Package and the Sustainable and Smart Mobility Strategy, as well as the financing opportunities for the industry provided by the European Recovery and Resilience Plan.

Pursuing global leadership and competitiveness in Europe requires supporting industrial policy for the digital and green transformation. Challenges include making the transport industry circular, internalizing environmental externalities, fostering sustainable value chains to yield significant social and environmental benefits, and moving towards Industry 5.0. European partnerships, multi-stakeholder collaboration, and open science in transport research are important seeds for future mobility and innovation.



CLOSING SESSION

Friday, 17 November 2022: 14:15 – 15:15

14:15-14:40: Closing intervention by:

- Elvira Fortunato, Portuguese Minister for Science, Technology and Higher Education *
- Adina Vălean, EU Commissioner for Transport *

14:40-14:55: TRA 2022 Conclusions

- José Manuel Viegas, Chairman of the Environment and Sustainability Board at EDP

14:55-15:15: Handing Over Ceremony and welcome to TRA 2024 in Dublin

- Elvira Fortunato, Portuguese Minister for Science, Technology and Higher Education *
- Adina Vălean, EU Commissioner for Transport *
- Hildegard Naughton, Irish Minister of State at the Department of Transport

*to be confirmed



Be part of TRA 2022!

We are looking forward to meeting you in Lisbon in November!



Exhibitors



SPRINGER NATURE



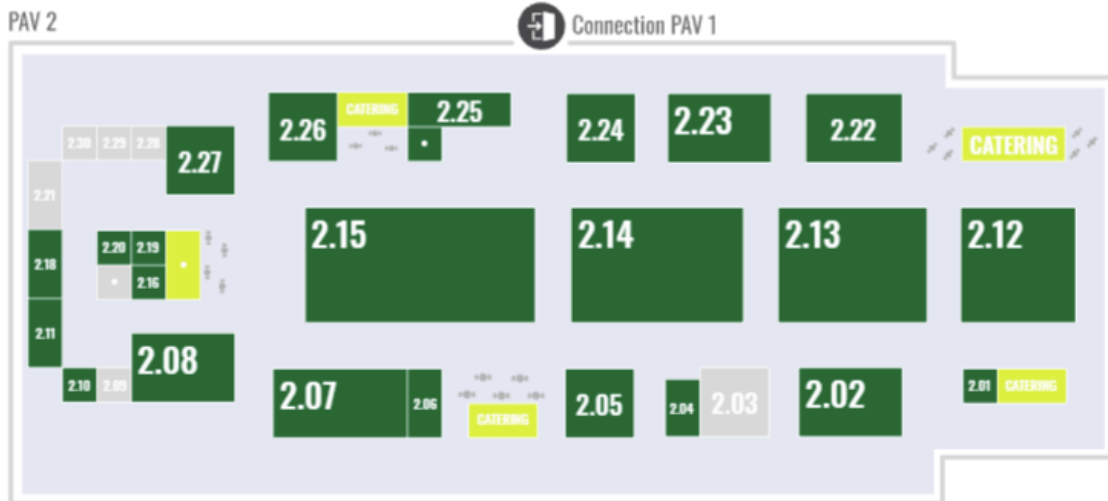
University of Minho School of Engineering





Exhibitors

Interactive Exhibition Floorplan



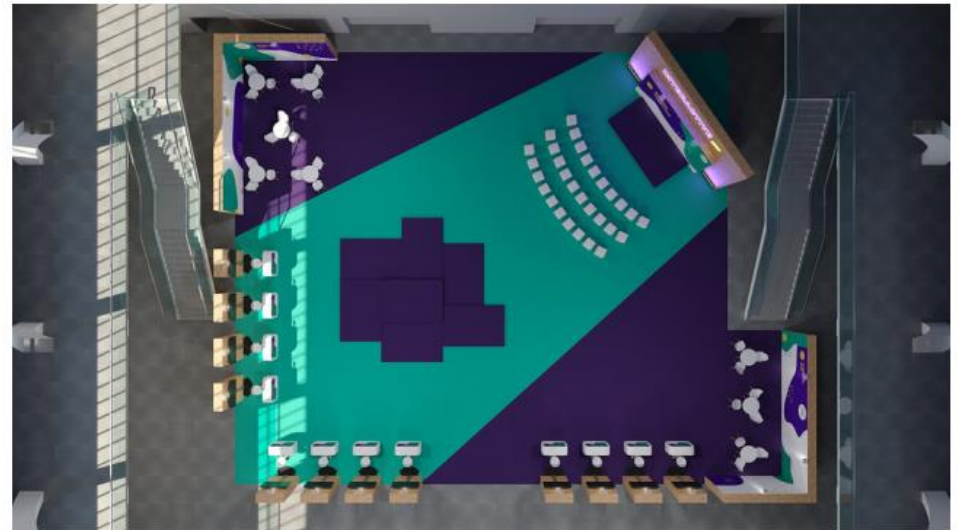
■ General Exhibition Area
 ■ Portugal Corner
 ■ Startups
 ■ Interactive Zone Indoors
 ■ Interactive Zone Outdoors
 ■ Catering Area



Demonstrations



In the TRA Lisbon 2022 demonstration area at the Lisbon Congress Centre, public and private companies and other stakeholders can present their projects including latest innovations and technologies reflecting the conference themes. This way, demonstrations provide a great opportunity to display your offerings to this worldwide conference audience in a real-time engaging way.



720 m² of indoor and 1000 m² of outdoor space.

Side events

Side Events

TRA 2022 Lisbon offers all stakeholders the opportunity to organise side events by facilitating the space and conditions of the **Lisbon Center of Congress (CCL)**. Taking place in the **exhibition area, side events**, i.e. **project meetings**, are organised by **stakeholders of the European transport community** in parallel with the conference sessions.

Would you like to organize your project meeting or event within the TRA Conference? Then get in contact with us:
tra2022@ccl.fil.pt





Sponsors

SILVER



With its BMW, MINI, Rolls-Royce and BMW Motorrad brands, the BMW Group is the world's most successful premium car and motorcycle manufacturer. The BMW Group has a global sales network in over 140 countries and employs over 120,000 people. In 2021, BMW Group reached a global sales volume of more than 2.5 million cars and more than 194 thousand motorcycles. The BMW Group's success has been built on a long-term basis and based on responsible conduct, making ecological sustainability and efficient resource management at the heart of its strategy.



EMEL, the Lisbon Mobility and Parking Company, has the mission of regulating parking and managing mobility in the city of Lisbon. To improve the mobility experience of those who live, work, study or visit Lisbon, EMEL develops various projects and activities within the capital's urban mobility strategy, including mobility policies and public space use. In parallel, EMEL participates in international projects which promote innovation in the area of mobility.

BRONZE



AVL List GmbH, with its headquarters in Graz, is one of the world's leading mobility technology companies for development, simulation and testing in the automotive industry and other sectors. Drawing on its pioneering spirit, the company provides concepts, solutions and methodologies for a greener, safer and better world of mobility.

AVL constantly expands its portfolio of high-end methodologies and technologies in the areas of vehicle development and testing. With a holistic approach – from the ideation phase to serial production – the company covers vehicle architectures and platform solutions, including the impact of new propulsion systems and energy carriers.



Infraestruturas de Portugal, the Portuguese public company responsible for managing road and railway infrastructures, operates within a rationale to promote multimodal mobility and ensure safe, efficient and sustainable services. Its major operations are design, project, construction, financing, conservation, exploitation, re-qualification, expansion and modernisation of national road and rail networks, including traffic control and supervision. Infraestruturas de Portugal is a national and international reference in providing Innovative Mobility and accessibility systems by continuously improving its services' quality, safety, security and reliability standards.



Sponsors

NATIONAL SPONSOR



Operating under the auspices of the Ministry of the Economy and Maritime Affairs, Turismo de Portugal is Portugal's National Tourism Authority. Responsible for the tourism business's promotion, enhancement, and sustainability, it brings together all of the institutional competencies involved in making tourism more dynamic, from supply to demand. Enjoying a privileged relationship with other public entities and economic agents in Portugal and abroad, Turismo de Portugal is committed to strengthening tourism as one of the main driving forces for the growth of the Portuguese economy.

Turismo de Lisboa – The Lisbon Tourism Association – is a nonprofit Private Association established in 1997. It is the Regional Tourism Promotion Agency for the Region of Lisbon since 2004, maintaining international tourism promotion as its main activity. Turismo de Lisboa is the Vice-President of the Portuguese Tourism Confederation, a member of the Strategic Business Council of the Portuguese Industrial Association and of the Strategic Council for Tourism Promotion.

PARTNER



In 2008, the Automotive Coalition for Traffic Safety, Inc. (ACTS), a non-profit organization which represents the world's leading automakers, established a public-private partnership with the U.S. Department of Transportation's National Highway Traffic Safety Administration to research and develop vehicle-integrated technologies to prevent drunk driving, known as the Driver Alcohol Detection System for Safety Program (DADSS): to research, develop, and test technologies that detect alcohol in a driver's system quickly, accurately, and unobtrusively and that would be essentially invisible to drivers. U.S. legislators and safety advocates are supporting the effort, making DADSS part of a multi-faceted commitment to reduce and help eliminate drunk driving.



Registration

TYPE - In presence	Advanced Until 10th November	Onsite
Regular (4 days)	590.00 €	740.00 €
Speakers, Authors, Reviewers	395.00 €	395.00 €
Students & young researchers	190.00 €	220.00 €
Exhibitors & Demonstrations	350.00 €	350.00 €
Press, Special guests	- €	- €
One day	290.00 €	350.00 €

<https://traconference.eu/registration/>



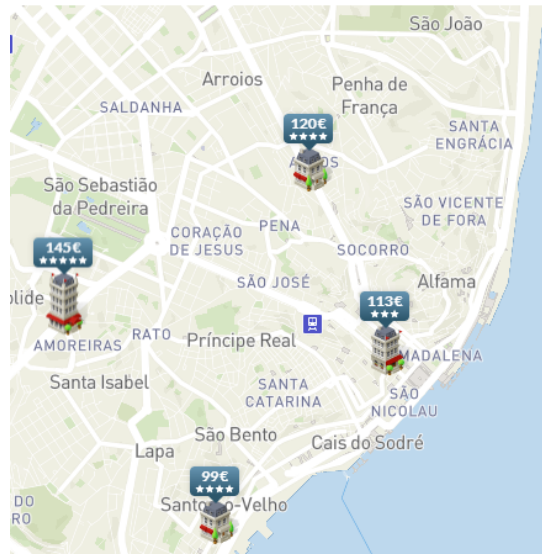
Registration

Accommodation

The accommodation booking system is now open!

Take advantage of the **preferential rates** negotiated for Conference participants and **make your reservation** by selecting one of the available hotels below!

For more information or group reservations, please contact the secretariat on secretariat@leading.pt.



Parceiros oficiais de reserva de hotéis LEADING com HotelMap

Transport Research Arena 2022

Segunda 14 - quinta 17 novembro 2022 | Lisbon Congress Centre

	CHECK-IN 13 nov 2022		CHECK-OUT 17 nov 2022		REQUISITOS DO QUARTO 1 Adulto em 1 Quarto		€		pt
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Hotéis oficiais Nas proximidades

Hotéis oficiais

- ★★★★★ 5 ESTRELAS (1)
- ★★★★ 4 ESTRELAS (5)
- ★★★ 3 ESTRELAS (1)





Why TRA 2022?

Simply enjoy LISBON!

- Meet more than 2.000 representatives from research, industry, public administration and politics from all over Europe
- Discuss and exchange ideas in an open arena on the most important topics and challenges in transport and mobility research, such as decarbonization and European policies for 2030
- Get inspired by the latest research in transport and mobility in all its modes
- Increase your visibility and be part of the 7.000m² exhibition area
- Present your latest developments and show-case your prototypes, products and service in the demonstration's interactive zone
- Learn about the key innovations by young and senior researchers with the winners of the TRA Visions awards
- Enjoy various networking and socialising activities such as the Gala Dinner, the side events and the meeting areas

HOSTED AND ORGANISED BY:



CO-ORGANISED BY



IN COOPERATION WITH:



TOGETHER WITH:

