![Smart Transportation Alliance logo - sta with Smart Transportation Alliance text below]
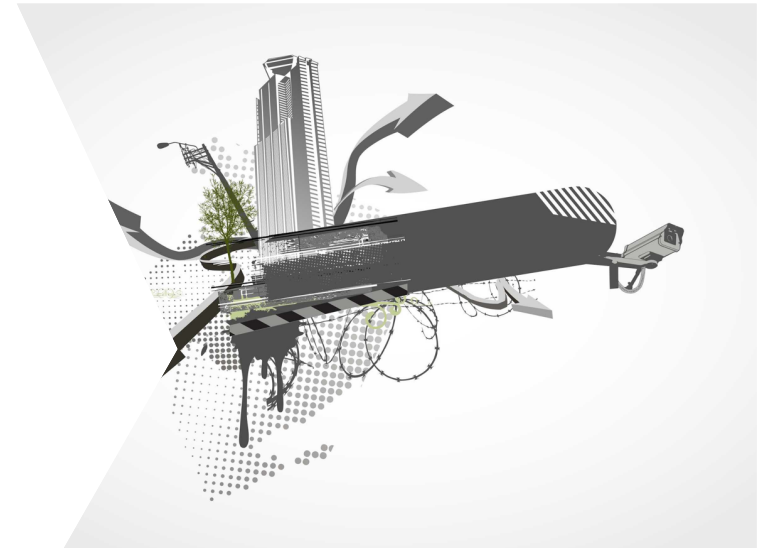
2022 STA ANNUAL CONFERENCE & INNOVATION AWARDS

Adapting transportation infrastructures to the new mobility: A realistic look into needs & requirements

Final Programme

Brussels, Tuesday 29 November 2022 (11:00 – 14:00 CET)

Supported by Federal Public Service Mobility and Transport of Belgium

An interactive exchange of ideas and best practices about migrating to a new generation of transportation infrastructures

The 2022 STA Annual Conference in a nutshell

The 7th edition of this landmark event brings together decision-makers, practitioners and researchers to explore current and emerging **policies, solutions and strategies** leading to the **adaptation of transportation infrastructures to the needs and requirements of the new mobility**, with a special emphasis on topics such as vehicle charging, safe segregated infrastructures, vulnerable users, sensors and infrastructure digitisation, pay per use, etc.

The event takes place in **Brussels (Belgium)** on **Tuesday 29 November 2022**. It provides a unique opportunity to engage with experts leading activities improving the methods, technologies and standards of transportation infrastructures.

2022 STA Annual Innovation Awards

The 2022 *STA Annual Innovation Awards* honour global innovators who are making decisive contributions to deploying Smart Transportation Infrastructures. Further these nominations highlight improving methods, technologies and standards associated with transportation infrastructures.

Award categories include:

- **Person of the Year** highlighting the achievements of exceptional individual accomplishment.

- **Best Innovation Project/Solution** underscoring teamwork that is breaking the paradigm for transportation infrastructures.

Programme at a Glance

Tuesday 29 November 2022 (11:00 – 14:00 CET)	
11:00 – 11:15	**OPENING SESSION: KEYNOTE SPEECH** **Adapting Transportation Infrastructures to the New Mobility: Policy Context** ▪ Mr Rafal Stanecki, Policy Officer at DG MOVE, European Commission *Introduction: Mr José F. Papí, CEO at Etelätär Innovation, STA President*
11:15 – 11:45	**ROUNDTABLE 1: NEEDS AND REQUIREMENTS** ▪ **Infrastructure Requirements for Intelligent, Electrified, Cooperative and Autonomous Road Driving** Mr César Bartolomé, Director for Innovation at the Spanish Institute of Cement and its Applications (IECA), Chair of STA's Technical Committee on Smart Sustainability ▪ **Meeting the Infrastructural Requirements of Vulnerable Users** Ms Friederike Kühl, COO at Etelätär Innovation, STA Programmes Coordinator ▪ **The SCALE-UP Project, a New Generation of Urban Mobility Infrastructures: The Case of Madrid, Antwerp and Turku** Mr Jorge Alfonso, Researcher at the Universidad Politécnica de Madrid (UPM) *Moderation: Dr Elena de la Peña, Deputy Director General for Technical Affairs, Spanish Road Association, STA Vice-President & Chair of STA's Technical Committee on Smart Mobility*

11:45 – 12:45	**ROUNDTABLE 2: EMERGING TECHNICAL SOLUTIONS AND BEST PRACTICES** ▪ **Smart Operation of Transportation Infrastructures** Mr Ricardo Lobo, Head of R&D Department at Aleatica ▪ **Examining Value Propositions of a Shared Mobility Hub: Lessons from the eHUBS Project** Mr Elnert Coenegrachts, Department of Transport and Regional Economics at the University of Antwerp ▪ **Physical and Virtual Qualification Tests for Road Safety Infrastructures: New Challenges** Mr Jocelyn Perisse, CTO at Transpolis SAS ▪ **Numerical Simulation as a Complement to the Physical Testing of Road Safety Barriers** Dr Axel Malczyk, Accident Research Vehicle Safety Section at the German Insurance Association (GDV) & Mr Joseph Marra, CBDO at GDTech *Moderation: Mr Wolf P. Zeplin, STA Vice-President and Chair of STA's Technical Committee on Smart Safety & Security*
12:45 - 13:15	**CLOSING SESSION: AWARD CEREMONY OF THE 2022 ANNUAL INNOVATION AWARDS** **Person of the Year** ▪ *Dr Carlos Azparren, former Team Leader at the Technical Directorate of the Directorate General for Roads, Spanish Ministry of Transport, Mobility and Urban Agenda (MITMA)* **Best Innovation Project** ▪ *Arena del Futuro, Electric Road with Dynamic Wireless Power Transfer (Brebemi Spa, Italy)*
13:15 - 14:00	**CLOSURE & WORKING LUNCH**

Venue

FPS Mobility and Transport
Rue du Progrès 56
1210 Brussels (Belgium)
https://mobilit.belgium.be/en

Registration at info@smart-transportation.org until 21 November 2022.

To secure your spot, please register early; seats are allocated on a first come, first served basis.

Visitor badges will be handed out at the ground floor reception, from where we will direct you to the venue room.

The Smart Transportation Alliance

Established in December 2014, the Smart Transportation Alliance (STA) is a not-for-profit **global collaborative platform for transportation infrastructure innovation across modes and the Smart City.**

In the context of safe, sustainable and multimodal transportation systems, STA's vision is the deployment of **Smart Transportation Infrastructures** connecting people and businesses.

A platform for knowledge management, STA's mission is to lead and support activities improving the methods, technologies and standards associated to transportation infrastructures.

For more information: www.smart-transportation.org

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