



Smart Transportation Alliance

2016 STA TECHNICAL ROUNDTABLE & WORKSHOP

Final Programme

Brussels, 25 October 2016

Roundtable Sponsors



An interactive review of ideas and best practices in current and future Smart Transportation Infrastructures

The Roundtable & Workshop in a nutshell

The **STA Technical Roundtable on the Smart Transportation Infrastructures of the Future** is a one-day event offering a review of the on-going efforts carried out by the STA community to bring to reality the deployment of **Smart Transportation Infrastructures** connecting people and businesses across the world.

High-performance steels outcomes from the **HIPEBA EU-funded project** led by STA member Fundación CIDAUT will be presented and discussed with interested stakeholders present in the event, in a parallel Workshop.

The Roundtable will take place in the heart of Europe – **Brussels, Belgium** – on **Tuesday, 25 October 2016**, and will provide a unique opportunity to engage with practitioners leading and supporting activities improving the methods, technologies and standards associated to transportation infrastructures.

Every year, STA organises two landmark events: the *STA Annual Conference & Innovation Awards* and the *STA Technical Roundtable on the Smart Transportation Infrastructures of the Future*.

Programme at a Glance

Tuesday 25 October 2016

08:45-9:15

Registration & Welcome Coffee

09:15-9:45

OPENING PLENARY SESSION

EU's R&I Strategy towards a carbon-free 2050

- **Keynote:** Ms Maria Cristina Marolda, Policy Officer, DG Mobility and Transport, European Commission

Introduction: Mr José F. Papí, Chairman, Smart Transportation Alliance

09:45-11:00

THEMATIC SESSION 1

Roundtable: Review of STA Discussion Papers published

- *Smart Roads: A Vision / Labelling Smart Roads / Smart infrastructure investments: Changing from arch to node / The role of concrete pavement in tunnel safety / Durability of ports as a key path for their sustainability*
Mr César Bartolomé, Director for Innovation at the Spanish Institute for Cement and its Applications
- *Guidelines for improving road safety in emerging countries*
Mr Patrick Asimus, CEO, MOVEA SAS
- *Innovation in road equipment systems: The case of lighting and signage poles*
Mr Patrick Le Pense, Manager at ArcelorMittal Flat Carbon Europe
- *Appraising the sustainability of infrastructure projects*
Prof. José Manuel Vassallo, Head of Department at the Technical University of Madrid

Moderator: Mr Wolf P. Zeplin, Member, STA Management Committee

11:00-11:15

Coffee Break

11:15-11:45

THEMATIC SESSION 2

Roundtable: Review of STA Technical Reports published

- *Towards Climate-Resilient Transportation Infrastructures / A Strategic Road Research Agenda 2015-2025*
Mr Pablo García, Chief Innovation Officer at S3Innovation
- *Recondition & Reuse of crash barriers after impact: features & risks*
Ms Claudia Cofano, CRM Group – ArcelorMittal R&D

Moderator: Dr José Manuel Menéndez, Director of the G@TV Research Group at the Technical University of Madrid

11:45-12:15	<p>THEMATIC SESSION 3</p> <p>Workshop: HIPEBA project on high-performance steels</p> <ul style="list-style-type: none"> ▪ <i>HIPEBA: High-Performance Steel for Safer & More Competitive Safety Barriers</i> Mr Antonio Amengual, Director Safety Division at Gonvarri Steel Services <p>The session will be followed by a Q&A and a discussion on high-performance steels among different stakeholders present in the audience. <i>Moderator: Mr. José F. Papí, Chairman, Smart Transportation Alliance</i></p>
12:15-13:00	<p>THEMATIC SESSION 4</p> <p>Roundtable: Other R&D initiatives led by the STA community</p> <ul style="list-style-type: none"> ▪ <i>Opticities: Enhancing urban smart mobility</i> Dr José Manuel Menéndez, Director of the G@TV Research Group at the Technical University of Madrid ▪ <i>upark!: Towards Crowd-parking / Apertum: A Real-Time Guide to Step-Free Mobility / Dynahubs: Crowd-sourced Door-to-Door Freight Delivery</i> Mr José F. Papí, Founder & CEO at S3Innovation ▪ <i>SMARTI ETN: Sustainable Multi-functional Automated and Resilient Transport Infrastructures European Training Network 2016-2020</i> Dr Davide Lo Presti, SMARTI ETN Coordinator, Senior Research Fellow at the University of Nottingham ▪ <i>Bringing smart mobility and smart cities solutions to the market: the frontierCities Accelerator</i> Mr Seán Burke, Managing Director at New Frontier Services, Director of the frontierCities Accelerator <p><i>Moderator: Mr César Bartolomé, Member, STA Management Committee</i></p>
13:00-13:30	Lunch
13:30-14:45	<p>THEMATIC SESSION 5</p> <p>Roundtable: Case studies 1</p> <ul style="list-style-type: none"> ▪ <i>Technical challenges for making the Great Rail Freight Axis Scandinavia-Rhine-Rhone-Western Mediterranean a reality</i> Mr Joan Amorós, President, FERRMED ▪ <i>What can combined transport operators do about restrictions of clearance gauge?</i> Mr Frank Jost, Single European Rail Area, DG Mobility and Transport, European Commission ▪ <i>Impact of the global maritime container transport on rail traffic in Europe</i> Mr Klaus-Jürgen Uhl, Senior Adviser, MC Mobility Consultants, former Head of Department at DB Cargo A.G. ▪ <i>Digitalising railway power infrastructure and optimising transit capacity: a SNCF case study</i> Mr Laurent Poutrain, COO, Vizimax <p><i>Moderator: Mr. Kevin Borrás, Editor-in-Chief, Thinking Highways & Thinking Cities</i></p>
14:45-15:00	Coffee Break

15:00-15:45	<p>THEMATIC SESSION 6</p> <p>Roundtable: Case studies 2</p> <ul style="list-style-type: none"> ▪ <i>Identifying financing, funding, governance and business model settings contributing to transport infrastructure projects having a higher chance of being 'successful'</i> Drs Eleni Moschouli, University of Antwerp ▪ <i>Transport Infrastructures: Policy Temptations and Prescriptions for the Future</i> Prof. Rémy Prud'homme, Professor Emeritus, University of Paris XII <p><i>Moderator: Mr. Kevin Borrás, Editor-in-Chief, Thinking Highways & Thinking Cities</i></p>
	<p>THEMATIC SESSION 7</p> <p>Workshop: Case studies 2</p> <ul style="list-style-type: none"> ▪ <i>Identifying financing, funding, governance and business model settings contributing to transport infrastructure projects having a higher chance of being 'successful'</i> Drs Eleni Moschouli, University of Antwerp ▪ <i>Transport Infrastructures: Policy Temptations and Prescriptions for the Future</i> Prof. Rémy Prud'homme, Professor Emeritus, University of Paris XII <p><i>Moderator: Mr. Kevin Borrás, Editor-in-Chief, Thinking Highways & Thinking Cities</i></p>
15:45-16:30	<p>CLOSING PLENARY SESSION</p> <p>Free-Speech Mobility Laboratory</p> <ul style="list-style-type: none"> ▪ Prof. Rémy Prud'homme, Professor Emeritus, University of Paris XII ▪ Mr Kallistratos Dionelis, General Secretary, Association Européenne des Concessionnaires d'Autoroutes et d'Ouvrages à Peage (ASECAP) ▪ Mr Klaus-Jürgen Uhl, Senior Adviser, MC Mobility Consultants, former Head of Department at DB Cargo A.G. <p><i>Moderator: Mr. Kevin Borrás, Editor-in-Chief, Thinking Highways & Thinking Cities</i></p>
16:30	Closure

Venue

B19 Country Club

Avenue Van Bever, 17-19

1180 Brussels (Belgium)

www.b19.be



Registration

at info@smart-transportation.org

Seats are allocated on a first come, first served basis.





Founded in December 2014 and with headquarters in London (United Kingdom), the Smart Transportation Alliance (STA) is a not-for-profit **global collaborative platform for transportation infrastructure innovation.**

In the context of a safe, sustainable and integrated transportation system, STA's vision is the deployment of **Smart Transportation Infrastructures** connecting people and businesses across the world.

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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