

MOBILITYTECH
2019

Program /

High Level Meeting on Connected & Automated Mobility.
Preparing the future for connected and automated mobility



LIETUVOS GELEŽINKELIAI



MOBILITY TECH 2019

High Level Meeting on Connected & Automated Mobility. Preparing the future for connected and automated mobility

12-13 June 2019, Vilnius

Venue: Vilnius Tech Park Sapiegos, Antakalnio 17, Vilnius

12 June

19:30 Welcome dinner at the The National Museum – Palace of the Grand Dukes of Lithuania (*Katedros a. 4, Vilnius*)

13 June

Venue: Vilnius Tech Park Sapiegos, Antakalnio 17, Vilnius

Moderator: Dr. Kristina Gaučė

08:30 Registration and coffee

09:00 Welcome by Rokas Masiulis, Lithuanian minister for transport and communications

09:10 *Vehicle Automation and the Public Policy Challenges of New Mobility Services*

Dr. Tom Voegelé, Transport Policy Expert

Many new mobility services are currently being tested and are close to the market, these range from shared mobility to freight transport as well as modular approaches. The underlying technology setup might include higher levels of automation, sophisticated assistance systems, a setup with a safety driver, or even just on-board staff. Whilst the expert discourse in this context is often very technology driven, this talk will set the scene by discussing the public policy and regulatory perspective. This will include the carrots and sticks necessary for nudging users towards more sustainable modal choices, an analysis of likely undesired outcomes of unregulated new mobility services, the identification of further potential unforeseen negative effects, and urban infrastructure challenges.

First session. Building an autonomous transport ecosystem

09:30 *Volvo's view on autonomous driving in short- and mid-term*
Marius Lukošius, Sales Director for Lithuania // Volvo Trucks

09:45 *Redefining the European Trucking Industry*
Kristian Kaas Mortensen, Director Strategic Partnerships // Girtaka Logistics
With truck platooning tests becoming widespread across Europe it's easy to be convinced that the future of road freight transport is autonomous trucks. However, what kind of trucking industry is necessary for smooth international haulage operation, whether it's like today, with platooning or with fully autonomous trucks. The biggest European haulage company share their industry insights and view of the future.

10:00 *Integrated mobility while choosing transport: are we ready to take air pollution into account?*
Linas Baužys // Lithuanian Railways

10:15–10:45 Coffee break

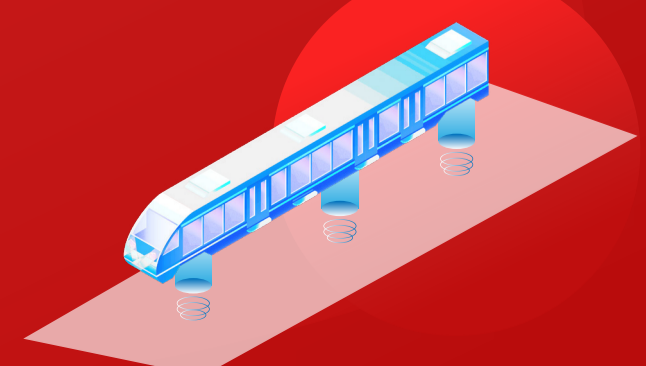
10:45 *Autonomous Vehicles in the Car Sharing Market*
Lukas Yla, Director // CityBee
Key goal for cities is to decrease the number of vehicles on their roads and reduce congestion and pollution. Car sharing fleets are providing the answer already, but with the autonomous car we may take it to another level. However, there are many challenges. CAD is expensive, so can it become a reality through more efficiency and a robust business-case? What impact it will have on the whole transport system and how to avoid negative impact on the public transport system? If autonomous car-sharing becomes a norm, how will it transform current business models? Vilnius is among the cities with the highest rate of shared vehicles per capita in Europe. Major company providing these services will give you its perspective on what comes next (and what comes not).

11:00 *Autonomous vehicles - the right answer to the wrong question?*
Justas Petronis, Senior Product Manager // Trafi
They say that self-driving cars are a godsend that will increase safety while reducing congestion and emissions. However, it seems that autonomous vehicles are the right answer to the wrong question. If we would consider mobility ecosystem as a whole, we could see that there are other, more obvious opportunities. How do we make sure that all mobility modes work in sync? Trafi, the leading software platform for mobility services, explores the mindset of future urban mobility.

11:15 Panel discussion. Food for thought for the afternoon workshops

12:20–13:30 Lunch

Hackathon #LG challenge
13th of Jun // 9:00
Vilnius



Second session. Preparing the future for connected and automated mobility

13:30–14:30

Part I. Getting ready for the change

Workshop 1. Necessary infrastructure

Input presentations: What is needed to build a 5G corridor?

Darius Stravinskas, Adviser to the Minister, Lithuanian Ministry for Transport and Communications

EU policies in defining and supporting 5G CAM/CAD corridors

*Christian Micas, European Commission Directorate-General for Communications Networks, Content and Technology*Guiding questions: Corridor approach – preparing for the roll-out of CAM/CAD corridors in the EU
Digital infrastructure and 5G networks

Workshop 2. Supportive regulation

Input presentation: Automated driving for sustainable transport – regulatory opportunities

Jorge Soria Galvarro, Senior Technical Adviser for vehicle regulations and standards, Scania

How Regulations and Best Practices Support Connected and Shared Intermodality

*Scott Shepard, Chief Commercial Officer, free2move*Guiding questions: Adaptive legislation – how to regulate a changing environment?
What is necessary at EU, national and local levels?
Promoting cross-border harmonised regulation for international mobility services

14:30–15:00

Coffee break

15:00–16:00

Part II. Reaping the benefits

Workshop 3. Efficient mobility through new business models

Input presentations: Vilnius City Municipality

Autonomous and Connected Vehicles for Cleaner Air

*Fabio Galatioto, Senior Technologist, Connected Places Catapult*Guiding questions: The challenge of transport planning: ensuring smooth integration in urban transport
Role of policy makers in providing a framework for new services
Delivering an integrated transport system

Workshop 4. Safety and public acceptance

Input presentations: Dr. Vidas Žuraulis, Vilnius Gediminas Technical University

Guiding questions: Lessons learnt: defining the safety of autonomous vehicles through a safe system approach

What is necessary to promote public acceptance?

Ensuring safety in a mixed traffic

16:00

Wrap-up and next steps

Moderator: Dr. Kristina Gaučė

Takeaways and input for the next HLM CAD meeting in November 2019, Spain

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