



# **GALILEO** **FOR MOBILITY**

## **ADVISORY GROUP MEETING & THESSALONIKI PILOT**

**Thessaloniki, October 30<sup>th</sup> 2019**

**Center for Research & Technology Hellas  
Hellenic Institute of Transport**

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Hellenic Institute  
of Transport

[www.imet.gr](http://www.imet.gr)

## Who we are

The **Centre for Research and Technology-Hellas** is one of the leading research centers in Greece with important scientific and technological achievements in many areas.

No1 in the top list of  
research organizations in  
terms of EU Funding in  
Greece

No 17 in EU

**Hellenic Institute of Transport-HIT**, established in 2000, is part of the greater team of CERTH. HIT is a highly recognized research body offering specialized basic and applied research and highly technical services in all fields of transport. Scientific team: 80 members

### Our Institute consists of 4+1 sectors



Vehicle -  
Human Factors -  
Vehicles



Infrastructure-  
Networks Mobility  
and Logistics



Transport Economics  
& Environment -  
Non-Land Transport



Transport &  
Tourism



Horizontal Activities

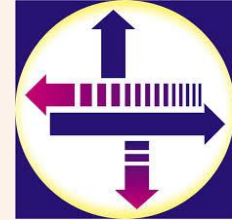


**The mission of HIT is to provide state of the art research and create innovation in the field of Transport in Greece and in Europe.**

### **Strategic Goals**

- Development of HIT as the Central National Research Pole in Transport and Tourism.
- Development of Centers of Excellence and Innovation in key areas in these sectors.
- Deployment of Intelligent Transport Systems and solutions for smart and sustainable cities.
- Excellence in data analytics in transport and mobility.
- Support to decision making and transport planning authorities.
- Use and continuous development of research infrastructure of H.I.T.
- Continuation and reinforcement of the cooperation of H.I.T. with the other Institutes of CE.R.T.H.
- Coordinated transfer of expertise from H.I.T. to Greek businesses, as well as to Society.
- Targeted exploitation of the research results and the expertise of the Institute.

**What we do**



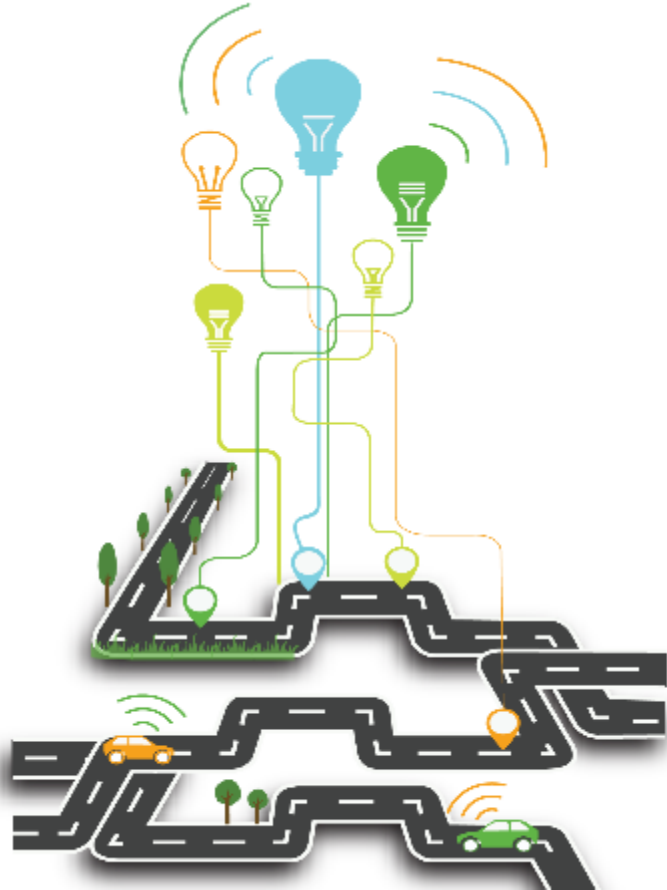
# Organisation & Research fields

| Research Sector A<br>Human Factors and<br>Vehicle Technology<br>Head: M. Panou              | Research Sector B<br>Infrastructure,<br>Networks, Mobility<br>and Logistics<br>Head: G. Ayfadopoulou | Research Sector C<br>Non-land Transport,<br>Environmental and<br>Economic Issues<br>Head: M. Boile | Research Sector D<br>Support and<br>External Services<br>Head: E. Bekiaris   |
|---|--|--|--|
| Laboratory A1:<br>Road Safety and Security<br>Head: E. Gaitanidou                           | Laboratory B1:<br>Sustainable Mobility<br>Head: M. Morfoulaki  | Laboratory C1:<br>Maritime Transport Systems<br>and Services<br>Head: M. Boile                     | Laboratory D1:<br>International Relations<br>and Transportation Policies<br>Head: M. Panou                               |
| Laboratory A2:<br>Clean Vehicle Technologies<br>Head: M. Gemou                              | Laboratory B2:<br>Data analysis and modelling<br>Head: J. Salanova                                   | Laboratory C2:<br>Air Transport Systems<br>and Services<br>Head: E. Sdoukopoulos                   | Laboratory D2:<br>Software Engineering -<br>Maintenance of IT Infrastructure<br>Head: K. Kalogirou                       |
| Laboratory A3:<br>Intelligent Materials and<br>Manufacturing in Transport<br>Head: M. Gemou | Laboratory B3:<br>Infrastructure and Traffic<br>Management in Land Transport<br>Head: E. Mitsakis    | Laboratory C3:<br>Environmental and Energy<br>Impacts of Transport Systems<br>Head: A. Tromaras    | Laboratory D3:<br>Education and Knowledge<br>Management<br>Head: M. Morfoulaki   |
| Laboratory A4:<br>Personalized and Accessible<br>Systems and Services<br>Head: M. Panou     | Laboratory B4:<br>Freight Transport<br>and Logistics<br>Head: G. Ayfadopoulou                        | Laboratory C4:<br>Economic and Social Impacts of<br>Transport Systems<br>Head: A. Anagnostopoulou  | Laboratory D4:<br>Dissemination and Public<br>Awareness Campaigns<br>Head: S. Nikolaou                                   |
|   | Laboratory B5:<br>Rail Transport Systems<br>and Services<br>Head: A. Kortsari                        |  | Laboratory D5:<br>Institute Data Analysis, Impact<br>Factors and Success Indicators<br>Assessment<br>Head: D. Margaritis |
|   |  |  | Laboratory D6:<br>Commercial Exploitation of<br>Research Results and<br>IPRs - Patents<br>Head: E. Bekiaris              |

# CERTH-HIT domains of activities

- *Passenger transport: Provision of info mobility and trip planning services for road transport at urban, interurban and national scale, SUMPs*
- *Freight transport: Provision of freight services visibility platforms and added value services based on information exchange and cargo monitoring at urban and interurban scale.*
- *ITS & C-ITS: Deployment of ITS and C-ITS infrastructure and development of ITS and C-ITS services for road transport.*
- *Big Data analytics, AI & Traffic Management*
- *ADAS systems for road transport and Autonomous transport*
- *Other*
  - *Modeling: Modeling of multimodal transport networks at all levels.*
  - *Impacts of climate change on road transport and vice versa.*
  - *Transport economics, electromobility, sustainable tourism*

# Smart Mobility Living Lab



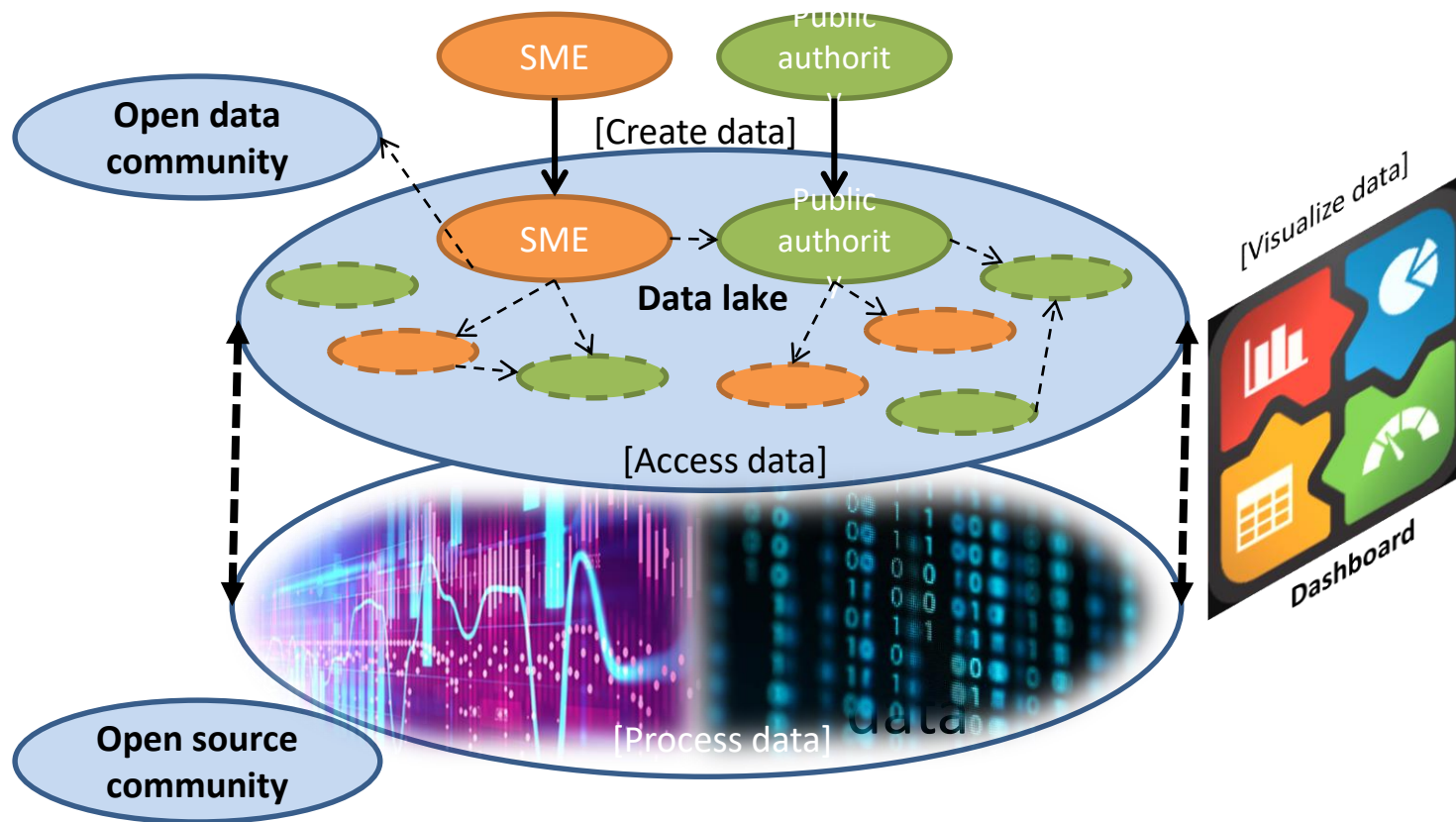
Thessaloniki Smart Mobility Living Lab fosters initiatives encouraging development in the transport sector and the sustainability of mobility schemes by the provision of novel technologies and innovation.

Sensing the city, creating knowledge and visualizing content for better decision making



thessaloniki  
smart mobility  
living lab

# Thessaloniki Smart Mobility Living Lab





# Agenda of Advisory Group Meeting



| Time        | Description  | Responsible  |
|-------------|--|--|
| 09:15-09:30 | Welcome coffee   |  |
| 09:30       | Opening  | CERTH, UITP  |
| 09:40-10:10 | Update on project and pilot sites progresses<br>– Small Scale Pilots to join the project.  | PILDO,<br>Pilot Sites representatives              |
| 10.10-10:30 | Taxi/Ride Sharing Service in Thessaloniki:<br>G4M return of experience   | CERTH  |
| 10.30-10.40 | Update on EIT Urban Mobility   | EIT Urban Mobility/CARNET                          |
| 10.40-10.50 | Introduction into ARIADNA project  | Factual  |
| 10.50-11:00 | Coffee break   |  |
| 11:00-13:00 | <b>Workshop on Maas</b><br>The Galileo4Mobility pilots, even though different, are all testing advanced solutions for enhancing MaaS deployment and operation, mainly through improved accuracy of location-based services.<br>Local stakeholders, AG members and consortium members are invited to discuss the main drivers and barriers for the market adoption, applicable standards and regulation as well as the different business models and strategies for exploitation and market uptake of MaaS schemes.<br><br>Dedicated material will be shared before the workshop. | RACC, All &<br>local stakeholders: OASTH, Brainbox |
| 13:00-14:15 | Lunch break  |  |



# Agenda of Advisory Group Meeting

|                    |   |       |
|--------------------|---|-------|
| <b>14:45-16:15</b> | <b>Transfer to CERTH and Technical visit:<br/>Thessaloniki Smart Mobility Living Lab</b><br><br>Thessaloniki Smart Mobility Living Lab is one of Europe's largest Living Labs. The whole city of Thessaloniki is a platform for testing technological and innovative solutions for mobility, cooperative and autonomous vehicles and soon freight transport solutions.<br><br>In addition, two more laboratories will be showcased: <ul style="list-style-type: none"><li>– Full Scale Driving Simulator</li><li>– Motorcycle Simulator</li></ul> | CERTH |
| <b>16.30-17.00</b> | <b>Transfer to THE MET Hotel</b>  |       |
| <b>19:00-21:00</b> | <b>Networking dinner</b>  |       |

# Thank you!

Center for Research & Technology Hellas,  
Hellenic Institute of Transport

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