

## Special session/Workshop VIII Sustainable Mobility for citizens and tourists.

### **Abstract**

*This workshop is dedicated to the presentation of the projects that the Hellenic Institute of Transport has undertaken and develops in the island of Rhodes. The three projects are going to introduce and develop sustainable mobility systems that will correspond to both residents and tourists needs and requirements. Under this session, local authorities and interested stakeholders will have the opportunity to be informed about the main objectives of the projects, their expected outcomes and impact.*

*The three projects that will be presented within this session are:*

- *DIAGORAS project: Configuration of an ecosystem and development of an e-service to promote the shared use of green transport modes in touristic areas*
- *NEMO project: New and Flexible Forms of Electromobility in the South Aegean*
- *ILEKTRON: Laboratory of Excellence for monitoring the environmental impact of transport and for the promotion of electromobility in Islands*

*Also, good practices and initiatives and projects that have been undertaken from Region of Central Macedonia in the field of transport and mobility will be presented.*

*The abovementioned presentations will be followed by a demonstration of an electric-shared mobility system.*

### **Aim of the Special Session/Workshop**

*Electric-shared mobility is a global trend and policy priority in EU and following the national initiatives towards promotion of electromobility, the Hellenic Institute of Transport undertook three projects that promote the development of holistic sustainable mobility solutions both for residents and tourists. On the one hand the projects aim at improving the daily commuting of the residents and on the other hand at facilitating the unhindered mobility of tourists by taking into consideration the environmental impact of transport schemes.*

*The specific session aims at presenting the three projects of HIT to the local ecosystem that consists of local authorities, tourist and mobility services' providers and the general public of the Rhodes island. The session is mainly informative to engage potential users of the future mobility services in Rhodes and communicate to the authorities and general public the impact that the designed interventions will have to the sustainable mobility of their island.*

*More specifically for each project a presentation providing general information of the project, presenting and analyzing the objectives and expected outcomes and impact of each project will be given. Also there will be a demonstration of an operational electric-shared mobility system to enhance familiarity of guests with such mobility solutions.*

### **Organizers**



**Main Organizer:** Georgia Ayfantopoulou- Hellenic Institute of Transport- Centre for Research and Technology Hellas, Thessaloniki Greece- [gea@certh.gr](mailto:gea@certh.gr)

Dr. Georgia Ayfantopoulou is a Deputy Director and Research Director at the Hellenic Institute of Transport (HIT) of CERTH with professional and research experience for over 25 years in transport systems management and optimization. She is the Head of Research Department of HIT “Intelligent Infrastructure and Networks, Sustainable Mobility and Logistics” and she has participated either as coordinator or as technical manager in more than 30 EU research projects. She has written numerous scientific articles and reports. Always focusing on new technology implementation, as enabler for transforming transport and mobility systems, her work emphasizes on: a) ITS, C-ITS for transport demand and traffic management, b) Data sharing and Big Data analytics for knowledge creation, modelling and decision support in Sustainable Mobility c) Tools and Services development for supporting intermodality as well as users and actors’ visibility in passengers and freight transport chains operation.

### **Associated project(s)**

*Diagoras project: Configuration of an ecosystem and development of an e-service to promote the shared use of green transport modes in touristic areas”*

*Nemo: New and Flexible Forms of Electromobility in the South Aegean,*

*ILEKTRON project: Laboratory of Excellence for monitoring the environmental impact of transport and for the promotion of electromobility in Islands.*

*SUSTOURISMO project: Sustainable Tourism & Mobility Hand by Hand development  
TOURLAB*

### **Target audience**

Target audience are the local and regional authorities, stakeholders of tourism industry and the general public.

### **Structure of the workshop**

<b>Workshop VIII - Sustainable Mobility for citizens and tourists. (DIAGORAS OP South Aegean, NEMO OP South Aegean, SUSTOURISMO Interreg Adrion)</b> <b>09:30-12:00</b>	
<b>Place:</b> Region of South Aegean, Dioikitirio Square, Rhodes <b>Organizer:</b> Dr Georgia Ayfantopoulou, Hellenic Institute of Transport/ Centre for Research and Technology Hellas (CERTH) <b>*The language of this workshop is Greek</b>	
<b>09:30-09:35</b>	<b>Introduction to the workshop</b>
<b>09:35-09:45</b>	<b>Intervention from the Governor of Region of the South Aegean</b> Initiatives in electromobility, smart mobility and tourism in the South Aegean region - Hatzimarkos George, Governor of the Region of South Aegean
<b>09:45-10:15</b>	<b>Welcome addresses</b> - Gioutikas Konstantinos, Vice Governor of Development and Environment of Region of Central Macedonia

	<ul style="list-style-type: none"> <li>- Giannikouris Antonis, President of Technical Chamber of Greece – Dodecanese Dpt</li> <li>- Tzovaras Dimitrios, Director of Central Directorate and Chairman of the Board of Directors of CERTH</li> <li>- Bekiaris Evangelos, President of Hellenic Institute of Transport</li> </ul>
10:15-11:15	<p><b>Business and innovation actions for integrated mobility of citizens and tourists: Shared electromobility applications</b></p> <p><b>Mobility in the Region of Central Macedonia: Innovation Priorities and Impact</b></p> <ul style="list-style-type: none"> <li>- Gioutikas Konstantinos, Region of Central Macedonia,</li> <li>- Trasanidis Orestis</li> </ul> <p><b>Sustainable mobility initiatives in Thessaloniki agglomeration</b></p> <ul style="list-style-type: none"> <li>- Mpressa Nadia, Region of Central Macedonia</li> </ul> <p><b>Electric vehicles fleets' development and management (DIAGORAS)</b></p> <ul style="list-style-type: none"> <li>- Xenakis Nikos, Xenakis Autos</li> </ul> <p><b>Shared micromobility at the service of tourists</b></p> <ul style="list-style-type: none"> <li>- Voulgaroudis George, Brainbox SA</li> </ul> <p><b>New and Flexible Forms of Electromobility in the South Aegean, (NEMO)</b></p> <ul style="list-style-type: none"> <li>- Giannakari Olga Maria, CERTH/HIT</li> </ul> <p><b>Monitoring the environmental impact of transport for the promotion of electromobility in Islands, (ILEKTRON)</b></p> <ul style="list-style-type: none"> <li>- Margaritis Dimitris, CERTH/HIT</li> </ul>
11:15-12:00	<p><b>How tourism development relates to sustainable mobility</b></p> <p><b>Creating a strategic plan for the development of the sustainable tourism – The Example of the greater metropolitan area of Thessaloniki</b></p> <ul style="list-style-type: none"> <li>- Patoulidou Paraskevi, Ass. Prof. Avdimiotis Spyros, IHU – TOURLAB</li> </ul> <p><b>Development of crowdsourcing applications for promoting sustainable tourism</b></p> <ul style="list-style-type: none"> <li>- Dr. Morfoulaki Maria, CERTH/HIT</li> <li>- Dr. Myrovali Glykeria, CERTH/HIT</li> <li>- Dr. Kotoula Kornilia-Maria, CERTH/HIT</li> </ul> <p><b>How participatory sport tourism can upgrade the active mobility of citizens</b></p> <ul style="list-style-type: none"> <li>- Prof. Alexandris Kostas, Sport, Tourism and Recreation Management Lab</li> </ul> <p><b>Needs and requirements for tourists' sustainable mobility in Rhodes</b></p> <ul style="list-style-type: none"> <li>- Hatzilazarou Andriana, Vice president of Rhodes Hoteliers Association,</li> <li>- Dr. Ayfantopoulou Georgia, CERTH/HIT</li> </ul> <p><b>New ethic challenges raised due to innovation and mobility of the future</b></p> <ul style="list-style-type: none"> <li>- Dr. Segkouli Sofia, CERTH/ITI</li> </ul> <p><b>EFTHITA-Vision Zero</b></p> <ul style="list-style-type: none"> <li>- Karidi Eleni, EFTHITA</li> </ul>
12:00	<p><b>Demo application of a shared electric mobility system</b></p>