

## PRESS RELEASE

July 9, 2016

ASHRAE Hellenic Chapter organizes the first International Conference “ENERGY in TRANSPORTATION 2016” (EinT2016). The Conference is organized in collaboration with the Hellenic Navy, the Technical Chamber of Greece (TEE) and the Attiko Metro. “ENERGY in TRANSPORTATION 2016” expands the “ENVIRONMENT & ENERGY in SHIPS” conference that was held in 2015, to include all modes of Transportation, Ship, Aviation and Land. The Conference will be held on **November 12, 2016**, at the **Athens Ledra Hotel**. ASHRAE, as an international non-profit scientific organization of engineers, aiming in research, production and transfer of high technology, is a global leader in all matters related to the energy and transportation industry. The conference will include papers, lectures and specific workshops, with national and international participation.

“ENERGY in TRANSPORTATION 2016” targets to promote, develop and facilitating a platform matching the chief societal, environmental and economic challenges that the EC will face reaching the 2050 strategic plan. According to the EC, a fundamental transition in Europe’s energy roadmap is urged to be directed towards a stable economy plan that will no longer be driven by fossil fuels and where energy security will start to be based on harmony and confidence. This taking into consideration that the share of oil will progressively decrease remaining at a moderately high level since transportation is predicted to remain dominated by oil. Within this roadmap residents will play an important role and actively contribute to the energy system, this will be achieved by using cutting edge technology to reduce the impacts thus vulnerable consumers are not left behind. A global energy system, where strong stakeholders and inventors develop innovative solutions and technological advances are requested. In order to reach this scope the EU needs to accelerate energy efficiency and decarbonization in the transport sector, progressively switching to alternative fuels and the integration of the energy and transport systems. Within the framework of this conference various topics will be discussed that span across engineering and other expertise providing ideas and innovative solutions in terms of new technologies to variations in the energy mix, in conjunction with drivers, policies, renewables and new technologies, reviewing market trends concerning economic efficiency and better use of resources.

Summarizing the main scope of the conference is to promote and tackle issues related to current technologies, inform the attendees about scientific and technological advances and educate targeted participants in the areas of environmental management and savings.

ASHRAE Hellenic Chapter, responding to the needs of the society, after successfully hosting the international conferences "Energy in Buildings" series and “Energy in Ships 2015”, launches the next upcoming innovation, in order to inform and educate all parties related within the transportation sector.

Note that there is no cost to participate in the event.

### CALL FOR PAPERS

Interested authors are invited to submit an abstract by **July 15, 2016**. All submissions will undergo peer-review by the conference Scientific Committee. Additional information @ [www.ashrae.gr/eint2016.php](http://www.ashrae.gr/eint2016.php)

### OBJECTIVES OF CONFERENCE

- To promote sustainable transport as a means of energy efficiency, comfort and convenience
- To improve conventional engineering in transport
- To lobby innovative solutions and upcoming business opportunities considering climate changes
- To illustrate the state of the art considering the energy sector
- To present plug-in hybrid and battery/full electric vehicles, both for passenger and freight road transportation (light commercial vehicles)
- To localize smart systems and smart grids industries in a cross-sectoral viable approach

## CONFERENCE's TOPICS

- Environmental management
- Environmental impact assessment
- Renewable energy in transportation
- Energy security and power safety
- Standards & legislation
- Life Cycle Assessment in transportation
- Energy storage systems security
- Transportation demands in infrastructure
- Stimulating R&D for cutting edge transport technologies
- Daylighting & artificial lighting
- Advanced materials and applications
- Upgrading solutions for improved energy performance
- Simulations & practical tools
- New types of non-conventional energy supply

## TARGET AUDIENCE

- Engineers
- Consultants
- Stakeholders
- Professionals
- Businesses
- Bodies & Organizations
- Academia

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