


Event:  
Date:  
Place:

**ENERGY in BUILDINGS 2016**  
Saturday November 12, 2016  
Athens, Hellas



#	<b>Eleftherios Zampetas</b> Mechanical Engineer, NTUA	
Title:	Head of E&E/M Maintenance at ATTIKES DIADROMES S.A.	
Presentation title:	<b>Energy &amp; Environmental Management in Attica Tollway</b>	
<p>Attica Tollway is a project constructed on a concession basis constituting one of the biggest co-financed road projects in Europe. Extending along 70 km, it constitutes the ring road of the greater metropolitan area of Athens and the backbone of the road network of the whole Attica Prefecture. Apart from the obvious direct benefits for its users, the Project offers a further number of direct and indirect positive socio-economic impacts on its surrounding areas, as also demonstrated by relevant experts' studies. In order to ensure the best possible operation and maintenance, a very high amount of electronic and electromechanical (E&amp;E/M) systems and equipment are deployed along the motorway, crucially supporting the every-day efforts of the Operator's (Attikes Diadromes S.A.) personnel to provide, on a 7x24 basis, the appropriate levels of traffic safety and services to the users, but requiring at the same time a correspondingly very high amount of energy and of other resources. In order that Project's operation is duly aligned with environmental protection and with sustainable development, a number of focused and continuous actions are taken, mainly oriented to energy saving and carbon footprint reduction. Major awards confirm company's above intensive efforts for a proper energy-environmental-resources management.</p>		

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CV:

### Education

1991

National Technical University of Athens (NTUA)

Diploma in Mechanical Engineering

### Professional experience

05/2003 – Today

*Employer's name:* Attikes Diadromes S.A.

*Company's subject:* Operation, Maintenance and Exploitation of Attiki Odos motorway

*Position:* Head of Electronic and Electromechanical (E&E/M) Maintenance

08/1999 – 04/2003

*Employer's name:* THALES Services Greece S.A.

#### Projects :

- New Athens International Airport at Spata (Eleftherios Venizelos): Site engineering and management of the installation of a number of subsystems forming part of the Airport's Air Traffic Control System.
- Athens Metro: Site engineering and management of installations and technical support of Automatic Fare Collection System's Machines.
- Active involvement in the development of the Business Plan of THALES Electronic Systems, the industrial branch of THALES in Greece.
- Organization and preparation of offers for the procurement and installation of Telecommunication – Information Technology – Supervisory – Telematic Systems

03/1998 – 07/1999

*Employer's name:* Egis Projects (ex Transroute International)

*Position:* Interface Engineer for Attiki Odos Concession Project

#### Main activities and responsibilities

- Coordination of motorway's Toll-Traffic-Telecom systems studies with Civil and Electromechanical systems studies.
- Coordination and arrangements with Public Administration authorities related with the Project.
- Coordination with Attiki Odos Construction JV and with the Independent Engineer of the Project for technical and contractual issues.

03/1994 – 02/1998

*Employer's name:* General Construction Company S.A.

*Position:* Site Engineer / Manager for Electromechanical works of construction projects

#### Construction Projects :

- Tank Driving Simulators Building in military camp in Avlona Attikis.  
(Customer: Martin Marietta – USA)
- SOYA HELLAS industry's offices building in Psahna Evias.
- HELLAFARM's offices building in Athens / Maroussi.
- MINERVA olive oil industry's new factory in Schimatari Viotias.  
(Customer: Cussons Ltd – GB)
- New Athens International Airport's Main Terminal Building. (Customer: HOCHTIEF – D)

(05/1992 – 02/1994 : *Military Service*)

04/1991 – 04/1992

*Employer's name:* AMES Ltd

*Main activities and responsibilities:* E/M installations design

*Project:* Islamic University of Medinah / Saudi Arabia