

Event:
Date:
Place:

ENERGY in BUILDINGS 2017
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Athens, Hellas



#	Konstantinos Sentzas Civil Engineer / HSE	
Title:	Civil Engineer / Technical Special Consultant at Municipality of Deskati (WM)	
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Presentation title:	A hybrid life cycle analysis method for the environmental assessment of conventional building materials	
	<p><i>The main objective of this project is to raise awareness for minimizing loss of all the useful materials of Construction Industry. It proposes permanent Recycling Centers of old concrete (Green points), to settle to Regions of residential areas, thereby solving several problems of public bodies to manage old materials, including the problem of landfill sites. In a radius up to 50km from "Green points" will be installed the treatment of demolition materials including concrete producers. This will considerably reduce the transport distance of aggregates, energy consumption and consequently the environmental impact of the process. A production of recycled materials concrete in relation to a small radius transport of materials will lead to protecting the environment against the spread of outdoor quarries, decrease the use of raw materials and Sustainable Development of Construction sector.</i></p>	
CV:	<p>In 2016 I completed my M.Sc. in Environmental Management and Conservation at Open University of Cyprus. This provided me an additional range of management skills, accepted techniques and tools to solve environmental problems, knowledge to carry out environmental impact assessments and how to combine work experience with current trends in environmental management and protection. Currently, I am working as a freelance Civil Engineer in Civil Engineering industry end especially in Infrastructure projects. I graduated in 2001 from Technological Educational Institute of Larissa in Greece with a Bachelor Degree in Civil Engineering and Infrastructure. As an undergraduate I gained an extensive knowledge of different areas of construction like mapping, designing, and construction of infrastructure projects. At March 2015 I gained CSCS UK card for manager and professionals and tested in Health Safety and Environment schemes. Concurrently I had training in HSE issues at Fiveways Ltd in Bournemouth. My professional target is to combine the Environmental Science with Civil Engineering industry.</p> <p>I have always had an interest in Environmental projects and Energy technologies. I have my first published last year in IMANE conference (INNOVATIVE MANUFACTURING ENGINEERING & ENERGY INTERNATIONAL / CONFERENCE / ImanE2 2016 / http://www.imane.ro) with subject: Biomass district heating methodology and pilot installations for public buildings groups.</p>	