


Event:
Date:
Place:

ENERGY in BUILDINGS 2018
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#	<p>Vasiliki Kyriakou Architect Engineer, MSc. Energy systems</p>	
Title:	<p>Doctoral candidate Department of Civil Engineering Demokritos University of Thrace Greece</p>	
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Presentation title:	Energy Efficiency in Heritage Buildings	
<p>Old buildings have a specific interest, because when they are restored and reused considerable changes take place concerning their energy performance. Research shows that there is a great potential for environmental benefit of building reuse. When comparing buildings of equivalent size and function, reusing and retrofitting existing buildings with an average level of energy performance almost always offers environmental savings over demolition and new construction.</p> <p>Four public buildings in the area of Kalamaria, Thessaloniki, were examined and energy performance was analyzed. All selected buildings were constructed before 1955 and they have been renovated to some extent. All of them are of the same building type: orthogonal plan, two-storey, flat roof, basement and floor level one meter approximately over the ground.</p> <p>The buildings included in this study are: the Municipality central offices' building, a primary education school building, a disabled school and library building, a nursery and social services offices building.</p>		
CV:	<p>Vasiliki Kyriakou has received an integrated Diploma and Master in Architecture from the Aristotle University of Thessaloniki. She holds an MSc in "Energy Systems" and an MSc in "Environmental Planning".</p> <p>She is currently a doctoral candidate at the Department of Civil Engineering at the Demokritos University of Thrace, Greece and she works at the Aristotle University of Thessaloniki.</p> <p>She participates in EU working groups and think tanks for European Energy Policy.</p> <p>She has been teaching in Technical Universities (TEI) as a visiting lecturer and she is a trainer for the employees of the Public Sector.</p>	