


Event:
Date:
Place:

ENERGY in BUILDINGS - CRETE 2024

Saturday April 20, 2024

Heraklion, Crete



#	Antonia Tritou Mechanical Engineer, Master in Business Administration	
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Presentation title:	Electrification in Hotels Opportunities and Challenges	
<p>The electrification process is the path to a greener and more sustainable energy future. It is essential to numerous domains such as environment, economy, technical evolution and the improvement of the public health issues that have risen in these past years.</p> <p>According to the latest European legislation, it is essential to reduce Greenhouse Gas emissions, as well as to diversify energy resources. These actions can have a positive impact in public health by reducing air pollution, offer lower operating costs by being energy efficient compared to fossil fuels, and also promote technological innovation and create new industries.</p> <p>The contribution of tourism and hotels to our domestic market has been significant for many years to our GDP, the most significant contributor. Electrification can be implemented in the Hotel Sector in both new construction and retrofits.</p> <p>The incorporation of electrical technologies can be present in various domains such lighting (Led lighting, smart controls and management systems, HVAC SYSTEMS, Electric vehicle stations and renewable energy resources.</p> <p>The transition from traditional HVAC methods, brings various benefits and opportunities but can also have substantial problems such as upfront costs, technical challenges, staff trainings, limitation of resources, compliance with specifications and prolonged return on investment.</p> <p>Some of the most common problems during this transition will be presented here, along with proposals to avoid them.</p>		
CV:		
<p>My name is Antonia Tritou, I am a Mechanical Engineer and I work in the technical sales department at Delta Techniki Group. My previous experience includes employment in contracting and maintenance-breakdowns of air conditioning systems.</p> <p>My main work focuses on HVAC systems, water systems, such as chillers, heat pumps as well as air handling systems such as central air conditioning units and packaged rooftop units, but also multi-zone systems directly</p> <p>I have been a member of Ashrae since 2022 and I am actively involved in the Membership promotion department.</p>		