


Event:  
Date:  
Place:

**ENERGY in BUILDINGS - EPIRUS 2023**  
Saturday November 25, 2023  
Hotel Du Lac Ioannina



#	<b>Ioannis Kokorotsikos</b>	
Title:	Co-Founder & Project Manager at Sielight PC, Athens	
email:	<a href="mailto:kokorotsikos@sielight.gr">kokorotsikos@sielight.gr</a>	•
Presentation title:	<b>Achieving Buildings Sustainability through Efficient Lighting - Best Practices</b>	
<p>To combat climate change and according to the Paris Agreement signed in 2015 for limiting global warming to an increase of 1,5°C above pre-industrial levels, it is required that carbon emissions reach net zero by 2050. Building stock worldwide is an important source of carbon emissions, being responsible for 39% of global energy-related emissions, with an estimated total of 28% of them resulting from buildings operation (lighting, HVAC, etc). Thus, lighting and lighting control systems are an important part of this complex challenge, accounting for 5% of the world's greenhouse gas emissions.</p> <p>This presentation focuses on best practices for sustainable buildings with maximum lighting energy savings. Lighting installations, in both retrofit and new projects, must go beyond LED technology and incorporate detailed lighting control strategies and lighting control systems that combine with sensors and/or IOT devices to create "smarter" buildings and to enable more aggressive energy-saving options. Furthermore, to maximize success of buildings decarbonization projects, a holistic approach should be adopted, considering the use of sustainable materials, circular economy to reduce waste to landfills and occupants' health and wellbeing.</p>		
Short CV:	<p>Ioannis Kokorotsikos, co-founder of SIELIGHT PC, has studied Electrical Engineering and has been active in the lighting industry since 2002, with significant experience in the design and implementation of large projects in our country and abroad.</p>	

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**Education:**

1998-2002: Electrical Engineer

**Work Experience:**

2011-Present: Co-founder & Project Manager at Sielight

2002-2010: Project Manager at Siemens S.A.