


Event:
Date:
Place:

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



#	Koltsios Stavros Dipl. Electrical Engineer and Computer Science, MSc	
Title:	Research Associate, Centre for Research & Technology Hellas – Information Technologies Institute (CERTH – ITI), Thessaloniki, Greece	
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Presentation title:	Energy Performance of Buildings - Operational Rating	
<p>This presentation delves into the development of an operational energy performance certification system, highlighting the significance of operational ratings in assessing building energy performance. It introduces the concept of operational rating, underscoring its crucial role in Energy Performance Certification of buildings. The presentation outlines the efforts to define a methodology framework and standardization activities underway in CEN TC371/WG5. It includes two case studies from Cyprus and Greece, focusing on the derivation of operational indicators to establish a reference dataset for Cypriot buildings. Additionally, the presentation examines normalization methods, such as those for occupancy and weather adjustments. The ultimate goal of this work is to establish a solid foundation for defining an operational rating system at both European and national levels, aligning with best practices and existing standards for energy-efficient buildings.</p>		
Short CV:		
<p>Mr. Koltsios Stavros (male) is a Research Associate at CERTH/ITI. He received his diploma in Electrical Engineering and Computer Science from Democritus University of Thrace in 2019 and the MSc in Energy Building Design from the International Hellenic University. Since February 2021, he has been employed by CERTH/ITI.</p>		
CV:		
<p>Mr. Koltsios Stavros is a Research Associate at CERTH/ITI. He received his diploma in Electrical Engineering and Computer Science from the Faculty of Technology of Democritus University of Thrace in 2019. In 2021, he received the MSc in Energy Building Design from the International Hellenic University. Since February 2021, he has been employed at CERTH/ITI, involved in various H2020 projects, focusing on energy efficiency in the domain of buildings and the electricity grid. Currently, he is involved in three H2020 projects, namely: REN+HOMES, EVELIXIA and SmartLiving EPC, which focuses on the assessment and upgrade of the energy performance both on a building and district level.</p>		