


Event:
Date:
Place:

ENERGY in BUILDINGS 2022
Saturday December 10, 2022
Athens, Hellas



#	Asterios Tzirgas MEng in Mechanical Engineering (AUTH), MSc In Energy, CEAI	
Title:	Coordinator of IsZEB DIH, Thessaloniki, Greece	
email:	a.tzirgas@iszeb.gr	•
Presentation title:	Smartness and Energy Efficiency in buildings: The IsZEB Standard and the SRI Methodology Tool	
<p>IsZEB DIH is developing a novel Standard / Methodology that gives guidance for the Construction / Major Refurbishment of Smart and NZEB buildings.</p> <p>The methodology and accompanied tools are a result of RnD actions with the purpose of assisting on the digitalization of the Construction sector.</p> <p>IsZEB methodology incorporates the Smart Readiness Indicator (SRI) Methodology that is trying to establish a common international framework/assessment for the inclusion of building automation systems in the building sector.</p> <p>Additionally the IsZEB Standard is supported by digital tools that can exploit BIM files (i.e ifc files) to deliver the IsZEB and SRI assessment of a building, promoting energy efficiency, smartness of buildings and digitalization of construction SMEs.</p>		
Short CV:		
<p>Asterios Tzirgas is the Coordinator of IsZEB DIH. He holds a degree in Mechanical Engineering (AUTH) and an MSc in Energy (HWU). His key activities focus on the building sector, mainly on Energy Auditing In Buildings and Industrial Sector, Implementation of building regulations according to EPBD Directive, EPC assessments, Energy efficiency & Energy management consulting in public / private sector.</p>		
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Asterios Tzircas is the Coordinator of IsZEB DIH. He holds a degree in Mechanical Engineering (AUTH) and a Master's degree in Energy (HWU). He is a Qualified National Energy Auditor (Class C), an Energy Performance Certificate (EPC) Assessor and a Member of Association of Energy Engineers (AEE) entitled as a Certified Energy Auditor (CEAI). He has more than 10 years Greek and International experience in engineering, consulting and project management in energy, energy efficiency and business sector supported by strong academic and professional qualifications. His key activities focus on the building sector, mainly on Energy Auditing In Buildings and Industrial Sector, Implementation of building regulations according to Energy Performance of Buildings Directive, EPC assessments, Energy efficiency & Energy management consulting in public and private sector.

- Past and On-going Projects / activities include:
 - Technical and Project management overview of IsZEB for research projects that, among others, involve Zero Energy Buildings, SRI and Energy Performance Certificates and include maintenance and potential extension of the SRI calculation methodology
 - Energy Auditing: 20+ facilities, 100.000+ m2
 - EPC Assessments: 100+ facilities, 350.000+ m2
 - Energy Efficiency & Management Consulting: 30+ building energy efficiency projects
 - BREEAM, EcoHomes & CfSH Certification Assessments