


Event:
Date:
Place:

ENERGY in BUILDINGS 2024
November 22-23, 2024
Athens, Hellas



#	Dr Anastasia Mylona, PhD, CEng, MCIBSE	
Title:	CIBSE Technical Director	
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Presentation title:	Thermal Comfort in a Changing Climate	
	<p>Greenhouse gases that have already been emitted in the atmosphere will remain until the middle of the century. Even if we achieve net zero tomorrow, the climate will continue to change until the middle of the century.</p> <p>Industry is on a race to achieve net zero and decarbonisation targets, which we need to continue, but we also need to adapt to the inevitable changes.</p> <p>One of the main impacts of climate change on the built environment is to the comfort and energy performance: warmer winters may reduce the need for heating, but keeping cool in summer without increasing energy use and carbon emissions will present a serious challenge.</p> <p>The challenge in our industry's decarbonisation efforts is how we will meet future energy demand for cooling.</p> <p>We need to increase heat resilience by passive measures and occupant centric design/technologies/controls and education.</p> <p>The presentation will also cover tools, guidance and policy on adapting buildings to the impacts of a changing climate.</p>	
CV:	<p>Dr Anastasia Mylona, CIBSE's Technical Director, is a Chartered Engineer and a CIBSE Member. In her capacity, she leads CIBSE's Technical Team, shaping the institution's technical vision, defining knowledge priorities, and establishing policy positions. Dr Mylona previously served as CIBSE's Head of Research for the past decade, overseeing the institution's knowledge and research activities. During this time, she fostered collaborations with both academia and industry, concentrating on developing guidance relevant to embodied carbon, circular economy principles, and providing crucial climate information for future-proofing buildings and their services.</p> <p>Her contributions extend to advising the Government on the implementation of Part O – Assessment of overheating risk in new dwellings in England, a component of Building Regulations.</p> <p>D. Mylona's professional journey began with architectural training at the Aristotle University of Thessaloniki, Greece, followed by PhD studies at the Welsh School of Architecture, focusing on the environmental performance of buildings. Subsequently, she pursued post-doctoral research at the University of Oxford, exploring the impacts of climate change on the built environment.</p>	