Event: **Energy in Buildings Epirus Conference 2026**
Date: Saturday November 28, 2026
Place: Hotel DuLac, Ioannina, Greece

ASHRAE Hellenic Chapter

#	**Sotiria Asaridou** Meng Civil Engineering	
Title:	Associate BIM Consultant at Tylko Advisors, Thessaloniki, Greece	
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Presentation title:	**Data-Driven Sustainability: The role of Digital Product Passports in the Circular Economy**	

Digital Product Passports are rapidly emerging as a pillar for Europe's shift toward circularity and decarbonization, formalized under the Ecodesign for Sustainable Products Regulation. However, effectively managing sustainability across the built environment requires accessible, reliable, and standardized data at every stage of a product's life cycle.

This presentation outlines the core essentials of the Digital Product Passport, exploring how structured product identities bridge the gap between regulatory intent and project delivery. It examines the role of DPP data throughout the building life cycle. The session highlights how product-level information transforms conventional, price-driven procurement into life-cycle-value decision-making.

Finally, the presentation addresses why the construction industry must act now: navigating emerging EU compliance rules, mitigating embodied carbon, and leveraging verifiable product transparency as a catalyst for sustainable, circular asset delivery.

Short CV (EN) :

Sotiria Asaridou is a Civil Engineer and Associate BIM Consultant at Tylko Advisors. Specializing in Digital Workflows and Digital Product Passports, she has presented at buildingSMART International Summits in Porto and Tokyo, with the goal of helping drive digital transformation in construction and products.

Short CV (GR) :

Η Σωτηρία Ασαρίδου είναι Πολιτικός Μηχανικός και Associate BIM Consultant στην Tylko Advisors. Με εξειδίκευση στις ψηφιακές ροές εργασίας και το Digital Product Passport, έχει συμμετάσχει ως ομιλήτρια στα συνέδρια της buildingSMART International σε Πόρτο και Τόκιο, με στόχο την ενεργό συμμετοχή στον ψηφιακό μετασχηματισμό των κατασκευών και των προϊόντων.

CV:	

Sotiria Asaridou is a Civil Engineer and Associate BIM Consultant at Tylko Advisors, currently pursuing an MSc in Construction Project Management at the Aristotle University of Thessaloniki. She completed her undergraduate degree in Civil Engineering at the University of Thessaly, specializing in Geotechnical Engineering and numerical seismic modeling of tunnels.

At Tylko Advisors, Sotiria advises international clients on openBIM implementation and develops tools for Digital Product Passport implementation, supporting regulatory compliance, product traceability, and circularity in construction. Her technical work includes leading webinars and training modules that bridge regulatory standards with practical digital workflows.

Her earlier background spans public infrastructure restoration with the Technical Services of the Municipality of South Pelion, alongside engineering internships in photovoltaic system design and installation.

An active contributor to the international digital construction field, she has delivered technical presentations at the buildingSMART International Summits in and Tokyo. She holds the buildingSMART International Certification – Foundation and is fluent in Greek, English and Spanish.