

# Harnessing **Artificial Intelligence (AI)** and the **Internet of Things (IoT)** for **Sustainable Environments** and **Smart Operations** management

FULLY SUBSIDIZED SEMINAR

## Date and Time



May 6 & 8, 2025, 8:30 - 16:45

## Duration:



14 hours classroom training and  
4 hours private company consultation

## Location:



Frederick Univeristy Nicosia

## Instructor:



Dr Ryan Costadinos Grammenos

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From  
“things” to  
“thoughts” to  
operational  
intelligence!

**Are you ready to lead the digital sustainability revolution?**

Join forward-thinking senior executives for this vital importance seminar designed for decision-makers who recognise that ESG compliance isn't just about meeting regulations—it's about leveraging data and creating strategic advantages.



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The programmes\* have been approved by the HRDA as Vital Importance. Enterprises/organisations participating with their employees who satisfy HRDA's criteria, are entitled to subsidy.



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## WHY ATTEND?

Tomorrow's competitive edge lies at the intersection of technology and sustainability; this seminar positions you at the forefront of Industry 4.0 accelerating your ESG journey and compliance with key EU regulations, such as the Energy Efficiency Directive (2012/27/EU, amended 2018/2002/EU), Corporate Sustainability Reporting Directive (CSRD), Energy Performance of Buildings Directive (2010/31/EU) and more.

**This isn't theoretical discussion — it's practical implementation.**

Over two **immersive** days, you will discover how to:

- Position your organisation as a leader in ESG transformation and sustainability innovation.
- Lead technology and sustainability transformation initiatives that overcome organisational resistance.
- Create data-driven frameworks for ESG reporting that impress stakeholders.
- Leverage predictive analytics to prevent costly operational failures.
- Implement smarter maintenance strategies that reduce operational costs while boosting performance.
- Transform environmental data into actionable intelligence aligned with key SDGs (3, 4, 9, 11, 12, 13).

*SDG 3 – Good Health and Well-being*

*SDG 4 – Quality Education for professional development*

*SDG 9 – Industry, Innovation and Infrastructure*

*SDG 11 – Sustainable Cities and Communities*

*SDG 12 – Responsible Consumption and Production*

*SDG 13 – Climate Action*



**Dr. Ryan Costadinos Grammenos** is a Senior Consultant, Project Manager, and HRDA-certified Trainer with extensive expertise in information and communication technologies. He holds degrees in Electronic Engineering (Cardiff University), Electrical & Electronic Engineering (Université Côte d'Azur), and Communications Engineering (UCL), where he is also a Visiting Academic.

With over 15 years of experience in industry and academia, Ryan has worked on projects related to energy-efficient building systems, AI-driven waste management solutions, and IoT wireless technologies. He has provided training and advisory services to organizations like Arup, IBM, and Rothamsted Research.

Ryan is a Senior Fellow of Advance Higher Education (SFHEA) and advocates for innovative learning methods. Fluent in Greek, English, and French, he focuses on technology solutions that drive ESG compliance and operational excellence.

**You will engage with cutting-edge tools, participate in real-world scenarios, and develop actionable future-proof strategies to implement directly within your organisation.**



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