

## HIGHLIGHT

### 250 scientists from 30 countries discussed the future of smart water systems at a Scientific Conference in Cyprus



The 4th International Conference on Water Distribution Systems Analysis & Computing and Control in the Water Industry (WDSA/CCWI 2026), organized by KIOS CoE within the framework of the ERC Synergy Grant Water Futures project, was a great success. The conference took place in Paphos from 18 to 21 May 2026 and brought together 250 researchers, engineers, and representatives of water organizations from 30 countries.

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### MoU with Nicosia District Local Government Organization to Advance Research and Innovation in Water Management



The Memorandum of Understanding supports the collaboration between the KIOS Research and Innovation Center of Excellence at the University of Cyprus and Nicosia District Local Government Organization for research and innovation activities to support the green and digital transformation of Nicosia's water and sewerage systems.

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### KIOS CoE Joins European CITADEL Range Project to Strengthen Cyber Defence Training



The KIOS CoE has joined the European CITADEL Range project to strengthen Europe's cyber defence capabilities through advanced training and exercise technologies. The project - funded by the European Defence Fund - aims to study, design, prototype, test, and qualify a suite of cost-effective and advanced cyber range tools and frameworks tailored to prepare the EU and its Member States' armed forces for delivering full-spectrum cyber defence operations.

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## Research and Innovation Project Outcomes

### OptimRES platform for planning and control of hybrid renewable energy systems

The OptimRES platform, developed within the EU-funded OptimRES project, has been validated in a real-life distributed generation plant combining wind turbines, photovoltaics, and BESS. It helps owners of Renewable Energy Sources (RES) and Battery Energy Storage Systems (BESS) optimize facility planning, maximize market profits, and enable real-time control - supporting smooth, stable integration of green technology into the power system.

[\[Watch the video\]](#)

### GridGnosis intelligent platform to support uninterrupted energy supply

Developed within the EU-funded GridGnosis project, the platform brings together innovative monitoring and protection methodologies to strengthen the resilience of power systems. It enables real-time estimation of system states, line parameters, and system inertia, while offering adaptive protection and fault diagnosis schemes that enhance line distance and underfrequency protection, and enable automatic localization and classification of short circuit faults.

[\[Watch the video\]](#)

### Launch of DiGiPOL: A Major Step Towards Digital Policing



The Cyprus Police, a KIOS Innovation Hub partner, officially launched the DiGiPOL platform — a digital transformation initiative that marks a significant milestone in the modernization of public services in Cyprus. The platform is expected to bring significant benefits for both citizens and members of the Cyprus Police, including faster access to digitized data, simplified request submission, contactless transactions, immediate access to educational material and answers to frequently asked questions, and faster approvals of requests.

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### Why Cleantech Startups Need Testing Environments and Stronger Support



Europe's cleantech startups are developing technologies that reduce emissions, modernise cities and strengthen energy resilience, but many still struggle to move from innovation to real-world deployment. The FINEX project, in which KIOS is a key partner, concludes that experimentation spaces play a critical role in accelerating Europe's green and digital transition by helping cleantech startups test innovative solutions in real-world conditions.

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**Keep in touch with us!**



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