

May 2025 PRESS RELEASE #5



D-HYDROFLEX Webinar Series #2: Operation and maintenance

D-HYDROFLEX Webinar Series Continues with a Focus on Operation and maintenance

The D-HYDROFLEX project is excited to continue its webinar series, aimed at exploring the frontiers of sustainable hydrogen and hydropower technologies. Each session brings together experts from across the field to share insights, spark collaboration, and drive innovation.

The next webinar, titled **"Operation and Maintenance"** will take place on **Tuesday, 27th May 2025**. This session will explore how digital tools and predictive technologies are enhancing the efficiency, reliability, and flexibility of hydropower systems.

The agenda includes:

- **Przemysław Janik** from **TAURON Ekoenergia** and **Artur Machalski** from the **Wrocław University of Science and Technology**, who will present on **"Digital Twin Applications in Plant Operation: The Hydrosystem Digital Twin in D-HYDROFLEX."**
- **Weiwei Chen** from the **University College London** and **Alwyn Mathew** from the **University of Cambridge**, who will discuss **"Developing a Dam Digital Twin: Enhancing Hydropower Infrastructure Management."**



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D-HYDROFLEX project has received funding from the European Union's HORIZON Research and Innovation Action under Grant agreement No 101122357

We're also pleased to welcome a special guest from the **iAMP-Hydro** project: **Israel Ohiemi** of **Trinity College Dublin**, who will provide insights into **"From Lab to Site: Developing Predictive Maintenance Systems for Hydropower Using Sensors, CFD, and AI."**

As with previous sessions, the webinar will conclude with a live Q&A, giving attendees the opportunity to engage directly with the speakers and explore practical applications of these digital innovations.

The D-HYDROFLEX webinar series continues to foster knowledge-sharing and collaboration across the hydrogen and hydropower sectors. We invite researchers, practitioners, and energy stakeholders to join the conversation and be part of this dynamic initiative.

Registrations are open until 25th of May EOB.


For more information, please visit [Microsoft Virtual Events Powered by Teams](#).



D-HYDROFLEX
Webinar Series


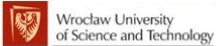
#2: Operation and maintenance



SAVE THE DATE
27.05.2025
11:30–13:00 CET



Registrations by 25.05 EOB
www.d-hydroflex.eu



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Przemysław Janik



Artur Machalski



Weiwei Chen



Alwyn Mathew


OUR GUEST



Israel Ohiemi


Disclaimer

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About us:



















The D-HYDROFLEX is a project funded by the European Union's HORIZON Research and Innovation Action under the topic HORIZON-CL5-2022-D3-03-08/Development of digital solutions for existing hydropower operation and maintenance and responds to the Call HORIZON-CL5-2022-D3-03/Sustainable, secure and competitive energy supply. The Consortium consists of 18 partners, bringing together 5 power plant operators/energy producers (EDF, TEE, PPC, INTEX, TASGA), 6 European research institutes and universities (CARTIF, PWR, UCL, UOC, UoA, ENERGYLAB) and 7 technology providers (UBI, NOVA, UBE, MINDS, FASADA, IDEA, CINT). D-HYDROFLEX will carry out 5 demonstration campaigns in 7 hydropower plants. D-HYDROFLEX is a 36-month long project started in September 2023.



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D-HYDROFLEX Consortium

	PARTICIPANT NAME	SHORT NAME	COUNTRY CODE	LOGO
1	GIOUMPITEK MELETI SCHEDIASMOS YLOPOIISI KAI POLISI ERGON PLIROFORIKIS ETAIREIA PERIORISMENIS EFTHYNIS	UBI	EL	
2	UBITECH ENERGY	UBE	BE	
3	FUNDACION CARTIF	CARTIF	ES	
4	TASGA RENOVABLES S.L.	TASGA	ES	
5	FUNDACION CENTRO TECNOLOGICO DE EFICIENCIA E SOSTENIBILIDADE ENERGETICA	ENERGYLAB	ES	
6	ELECTRICITE DE FRANCE	EDF	FR	
7	TAURON EKOENERGIA SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	TEE	PL	
8	POLITECHNIKA WROCLAWSKA	PWR	PL	
9	PRZEDSIEBIORSTWO ROBOT ELEWACYJNYCH FASADA SP ZOO	FASADA	PL	
10	ASOCIATIA INOVARE SI DEZVOLTARE IN ENERGIE - IDEA	IDEA	RO	
11	INTEX PRIM GREEN ENERGY SRL	INTEX	RO	
12	ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON	UoA	EL	
13	DIMOSIA EPICHEIRISI ILEKTRISMOU ANONYMI ETAIREIA	PPC	EL	
14	METAMIND INNOVATIONS IKE	MINDS	EL	
15	CINTECH SOLUTIONS LTD	CINT	CY	
16	NOVA TELECOMMUNICATIONS & MEDIA SINGLE MEMBER SA	NOVA	EL	
17	THE CHANCELLOR MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE	UOC	UK	
18	UNIVERSITY COLLEGE LONDON	UCL	UK	



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