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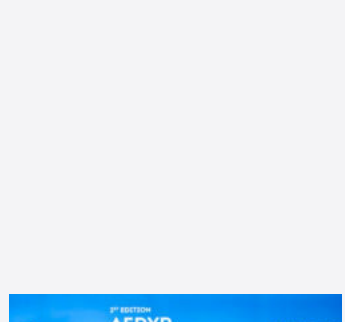
Sep 2025
Nº 32



IDIWATER boosts innovation in the water sector with an international acceleration programme

ITC and SPEGC are launching, as part of the IDIWATER project, an acceleration programme aimed at fostering innovation and enhancing the technical competitiveness of companies in the water sector in the Canary Islands and West Africa.

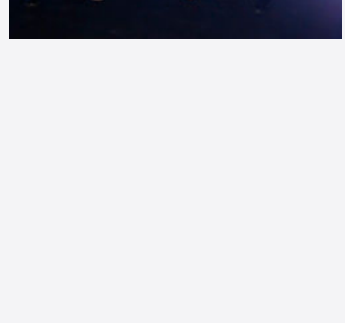
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DESALRO 2.0@ selected as a qualified team in the Xprize Water Scarcity Competition

The innovative DESALRO 2.0@ desalination plant, launched by the Canary Islands Institute of Technology (ITC), has been selected as a 'Qualifying Team' in the XPRIZE Water Scarcity, a \$119 million, multi-year global challenge aimed at driving access to clean water worldwide by creating reliable, affordable, and sustainable seawater desalination systems.

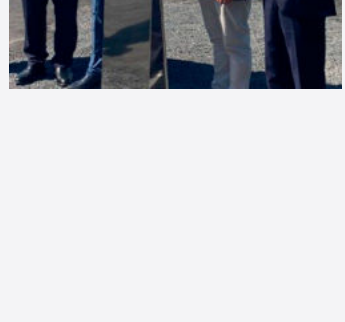
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The ITC's DESALRO 2.0@ desalination plant design receives Honorable Mention for Innovation at the AEDyR Awards 2025

The award was presented during the closing ceremony of the XIV AEDyR International Congress, in recognition of the desalination plant model developed by ITC, capable of reducing energy consumption to below 2 kWh/m³.

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The new WAVE Innovation Center positions Adeje at the forefront of sustainable desalination

This is a space for the development of new desalination systems, brine valorization, and the use of renewable energy, where universities, research centers, public bodies, and companies collaborate.

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Water Innovation Center (Saudi Arabia, NEOM) visits ITC facilities to promote collaborations with the Brine Valorisation Open Testbed in Pozo Izquierdo

The facilities of the Canary Islands Institute of Technology (ITC) in Pozo Izquierdo welcomed the visit of Nikolay Voutchkov, Executive Director of Water Innovation Center and the Eng. Salman Arab.

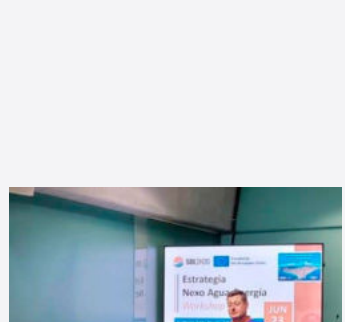
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The IDIWATER Project, present at the Atlante Project's events in West Africa

The IDIWATER project reaffirmed its commitment to sustainable development in Macaronesia, promoting cooperation, innovation, and the creation of synergies around water management as a strategic resource for the future of communities.

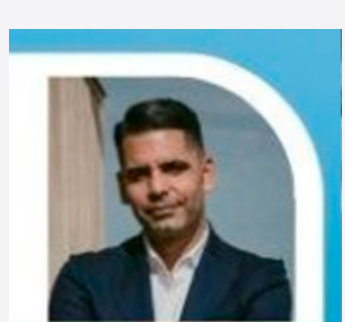
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ITC and the startup PRONOE sign an agreement to validate desalination-related technology in Pozo Izquierdo

The collaboration takes place within the DESAL+ Living Lab innovation ecosystem, a strategic hub for the validation and demonstration of technologies linked to the industrial water cycle, providing access to ITC's experimental area in Pozo Izquierdo.

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Experts address the sustainability of the Water Cycle at the SOL2H2O Workshop Held in Tenerife

The technical workshop 'Water-Energy Nexus', organized by the Plataforma Solar de Almería-CIEMAT and the Instituto Tecnológico de Canarias (ITC) within the framework of the European project SOL2H2O, took place on Monday, June 23, in Santa Cruz de Tenerife as a prelude to the 14th International AEDyR Congress.

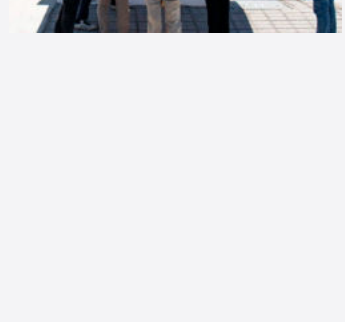
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IDIWATER Project Analyzes the Role of Artificial Intelligence in Water Management in the Canary Islands

The Sociedad de Promoción Económica de Gran Canaria (SPEGC) and the Instituto Tecnológico de Canarias (ITC) organized the keynote lecture "Artificial Intelligence in the Integrated Water Cycle - Innovation, Opportunities, and Challenges for the Canary Islands", delivered by Mr. Javier Santana Afonso, a technology consultant specialized in AI and founder of Cognitia Tech.

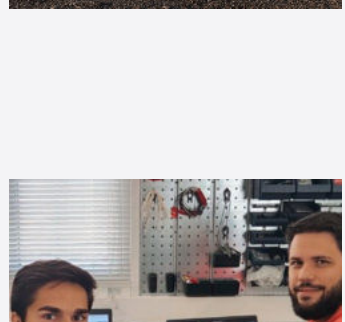
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The Canary Islands Institute of Technology and the multinational DANFOSS strengthen collaboration in innovation applied to desalination

The visit of DANFOSS delegation to the Canary Islands Institute of Technology forms part of the public-private collaboration driven by the DESAL+ LIVING LAB, aimed at boosting innovation and the development of sustainable solutions for the water industry in the Canary Islands.

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The International Water Research Institute - IWRI (UM6P) and the OCP Green Water (OGW) visited the ITC facilities to promote collaborations

The facilities of the Canary Islands Institute of Technology (ITC) in Pozo Izquierdo welcomed the visit of Prof. Hicham Fenniri, Head of the International Water Research Institute, Prof. Abdessamad Belgada, Assistant Professor in Advanced Desalination and Water Treatment Technologies at IWRI, Dr. Lamia Housni, Director of Business Development, OCP Green Water and Dr. Fatima Ezzahra Akhrif, Project Control Manager of the Desalination Program at OGW.

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Baltasar Peñate shares insights on cutting-edge desalination technology in RETEMA magazine

Baltasar Peñate, Head of the Water Department at the Instituto Tecnológico de Canarias (ITC), is featured in a prominent interview in the latest issue of RETEMA - Revista Técnica de Medio Ambiente.

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The ITC participates in the training of researchers at the University of Évora (Portugal)

From July 8 to 11, 2025, the Instituto Tecnológico de Canarias (ITC) took part in training and capacity-building activities within the European project SOL2H2O, held at the University of Évora (Portugal).

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EVENTS

Events promoted by DESAL+ LIVING LAB

- [Desalination Technology Expo 2025](#)
PLACE: Valencia, Spain
DATE: 04/11/2025 - 06/11/2025
- [21th Conference on Sustainable Development of Energy, Water and Environment Systems \(SDEWES\)](#)
PLACE: Gran Canaria, Spain
DATE: 30/08/2026 - 03/09/2026

Upcoming related events

- [IDRA Reykjavik Summit on Water and Climate Change](#)
PLACE: Reykjavik, Iceland
DATE: 12/10/2025 - 14/10/2025
- [7th International Conference on Desalination Science and Technology 2025 \(DESAL 2025\)](#)
PLACE: Florida, USA
DATE: 16/11/2025 - 19/11/2025
- [AFRICAGUA Canarias 2025 - IX Foro de Agua y Energías Renovables](#)
PLACE: Fuerteventura, Spain
DATE: 20/11/2025 - 21/11/2025
- [IWA Water and Development Congress & Exhibition](#)
PLACE: Bangkok, Thailand
DATE: 08/12/2025 - 12/12/2025

Recent Publications:

DESAL+ LIVING LAB RECENT PUBLICATIONS

- [PEÑATE SUÁREZ, Baltasar; DE LA FUENTE, Juan A.; LEÓN ZERPA, Federico. Evolution of Energy Optimization in Seawater Reverse Osmosis Desalination Plants Using Energy Recovery Devices. En: Renewable Energy Systems and Desalination. Encyclopedia of Life Support Systems \(EOLSS\). Edited by International Editorial Board. Paris: UNESCO-EOLSS; \[2025\].](#)

➤ See here all the scientific publications generated within the framework of the DESAL+ Living Lab Platform and related projects: <https://www.desalinationlab.com/scientific-publications/>

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OUR PROJECTS



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