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MAR 2026
Nº34



World Water Day 2026: Where Water Flows, Equality Grows

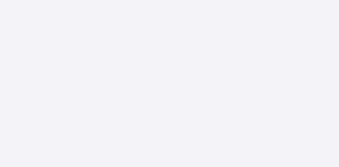
The central message of 2026 is clear: when women participate in water-related decisions on equal terms, services become more inclusive, effective and sustainable. Where water is recognized as a guaranteed right and governed with a gender perspective, educational, professional and political opportunities emerge that help to reduce long-standing inequalities affecting women and girls.

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IDIWATER ACCELERATION PROGRAMME

An open-access initiative to accelerate disruptive ideas or solutions in the water sector. Entrepreneurs, researchers and companies can receive indirect support valued at up to €22,000.

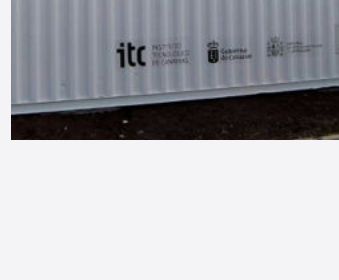
[Apply to our Acceleration Programme](#)



The operation data to obtain the world's lowest specific energy consumption achieved by the DESALRO 2.0 seawater desalination plant has been published in an impact journal

The results supporting the recognition of this Guinness World Record has been published in Energy Conversion and Management: X, 30 (2026), 101682.

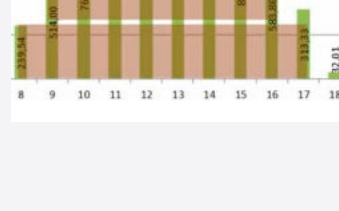
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Advanced brine concentration results have been published in Separation and Purification Technology Journal

The paper, titled "Pilot-scale evaluation and optimization of osmotically assisted reverse osmosis (OARO) for concentrating real SWRO brine," evaluates, at pilot scale, an integrated brine concentration process that combines osmotically assisted reverse osmosis (OARO) technology with a conventional RO pre-concentrator stage, using real seawater reverse osmosis (SWRO) brine pre-treated by nanofiltration.

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ODEMAR Tool developed in IDIWATER project optimises the design of Seawater Desalination Plants Powered by Renewable Energy

Developed jointly by the Instituto Tecnológico de Canarias (ITC) and Ingeniería Calero Luna (ICL), ODEMAR allows the analysis of multiple design options for a renewable-energy-powered desalinated water production facility.

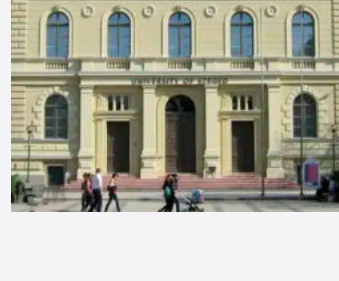
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ITC experimental desalination hub in Gran Canaria to host the AQUASOL pilot system

The initiative focuses on developing innovative desalination and water treatment technologies through the integration of renewable energy sources.

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IDIWATER Project Strengthens International Research Ties Through Visit to the University of Szeged

Professor Graciliano Nicolás Marichal recently carried out a training and networking visit to the University of Szeged (Hungary) with the aim of strengthening academic ties and exploring future collaborations.

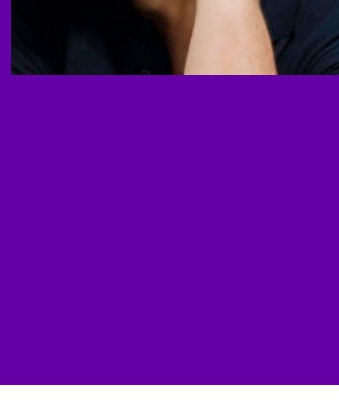
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The 1st International Conference on Renewable Energy – El Hierro 2026, focused on sustainability and the energy transition, is proudly supported by the IEEE

From November 10 to 13, 2026, the island of El Hierro will host the 1st International Conference on Renewable Energy (ICRE El Hierro 2026), an international scientific congress whose mission is to become a leading technical meeting point in the field of renewable energy and sustainability.

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Empowering women in the water sector

Susana Rodríguez: "I became very interested in how basic needs such as water, food or energy can be met sustainably without compromising the environment"

Susana Rodríguez Domínguez is Head of Projects at Ocean Oasis and leads the strategic coordination of the European LIFE project DesalLIFE

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EVENTS

Events promoted by DESAL+ LIVING LAB

- **FDS Euromed 2026**
PLACE: Marrakech, Morocco
DATE: 22/06/2026 - 25/06/2026
- **21st Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES)**
PLACE: Las Palmas de Gran Canaria, Spain
DATE: 30/08/2026 - 03/09/2026
- **International Conference on Renewable Energy**
PLACE: El Hierro, Spain
DATE: 10/11/2026 - 13/11/2026

Upcoming related events

- **The 2nd Edition of International Symposium on Innovations in Solar Desalination and Water Management (ISSD-WM 26)**
PLACE: Tangier, Morocco
DATE: 08/07/2026 - 09/07/2026
- **World Energy Congress 2026 (WEC-2026)**
PLACE: Helsinki, Finland
DATE: 22/07/2026 - 24/07/2026
- **The 12th World Sustainability Forum**
PLACE: Hong Kong, China
DATE: 21/08/2026 - 24/08/2026
- **International Congress on Separation and Purification Technology, ISPT 2026**
PLACE: Sitges, Spain
DATE: 06/09/2026 - 09/09/2026
- **IDRA World Congress 2026 Riyadh**
PLACE: Riyadh, Saudi Arabia
DATE: 01/11/2026 - 05/11/2026

Recent Publications:

IDIWATER project

- **A.Rivero-Falcón, Y. López-López, B. Peñate-Suárez, N. Melián-Martel. Pilot-scale evaluation and optimization of osmotically assisted reverse osmosis (OARO) for concentrating real SWRO brine. Separation and Purification Technology, Volume 394, Part 1, 2026, pp. 137358.**
- **Baltasar Peñate-Suarez, Juan Antonio de la Fuente-Bencomo, Gustavo Melián-Monroy, Sigrid Y. Arenas Urrea, Rafael González-Almenara, Lourdes García-Rodríguez. The worldwide lowest specific energy consumption measured in a seawater desalination plant – Real integration and opportunities of improvement. Energy Conversion and Management: X (30), 2026, pp. 101682.**
- **Estela Calero Luna, María Calero Luna, Roque Calero Pérez, Baltasar Peñate Suárez, Gustavo Melián Monroy. Herramienta para optimizar y viabilizar la explotación de plantas desaladoras con uso exclusivo de energías renovables. Industria Ambiente, febrero 2026.**
- **Estela Calero Luna, María Calero Luna, Roque Calero Pérez, Baltasar Peñate Suárez, Gustavo Melián Monroy. Herramienta para optimizar y viabilizar la explotación de plantas desaladoras con uso exclusivo de energías renovables. Tecnoagua, n.º 77 de enero-febrero de 2026.**
- 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/>

OUR MAIN FUNDERS



OUR PROJECTS



Water Department, Instituto Tecnológico de Canarias, ITC.

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