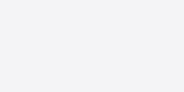


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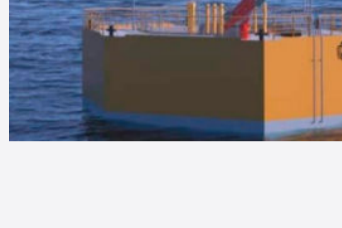
Oct2024
Nº 28

IDIWATER DESAL+ LIVING LAB

Approved the IDIWATER Project for Innovation and Knowledge Transfer in the Industrial Water Sector

With a total budget of €4,134,078.82, this project will be developed between October 2024 and September 2028 under the coordination of the Canary Islands Institute of Technology (ITC).

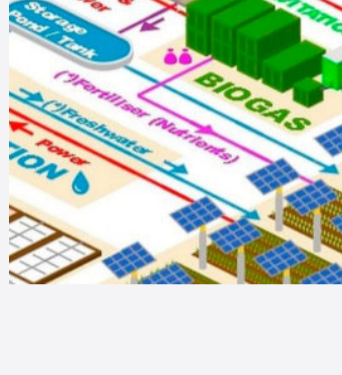
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The DesaLIFE project will produce fresh and sustainable water using wave energy in Gran Canaria

The project, integrated into the DESAL+ Living Lab Platform, will demonstrate the use of wave energy technology to produce desalinated water in a sustainable way and free of CO₂ emissions in the north of Gran Canaria.

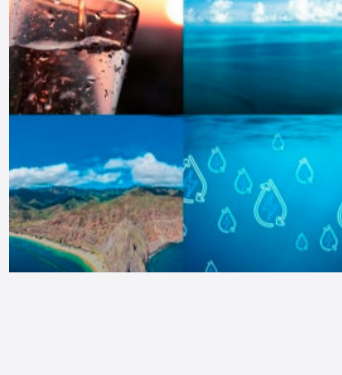
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Circular economy to combat drought in Southern Europe thanks to the CisWEEF-NEX project

A circular production system to close the loops in food, water, and nutrient value chains, with a self-sufficient renewable energy system and a net-zero balance of Greenhouse Gas (GHG) emissions, are the basis of this European project.

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The DESAL+ Living Lab Platform partners with the Spanish Association of Desalination and Reuse (AEDyR)

This partnership provides DESAL+ Living Lab with a series of strategic advantages that will strengthen its role in the water sector and desalination technology.

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The organizers of the Global Prize for Innovation in Desalination (GPID) visit the ITC to show interest in the projects and results of Desal+ Living Lab

The GPID, which recognizes and rewards those who make significant contributions to the field of water desalination, visited the ITC facilities to learn about projects such as DESALRO 2.0, EERES4WATER, DESAL+ and Sol2H2O, which highlight the commitment to the development of technologies that are not only efficient but also environmentally friendly.

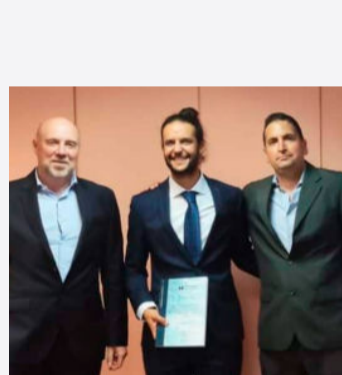
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Available the Master talk on CYBERSECURITY IN THE INDUSTRIAL WATER CYCLE: PREVENTION, MITIGATION, AND RESILIENCE.

In this second keynote talk, the current challenges faced by the water sector in terms of cybersecurity were addressed.

[READ MORE](#)



Jorge Camacho, a researcher at ULL, received the highest distinction, Cum Laude, for the defense of his doctoral thesis.

On July 8, 2024, he successfully defended his doctoral thesis on the use of Artificial Intelligence to optimize efficiency in reverse osmosis desalination plants at the University of La Laguna (ULL).

[READ MORE](#)

EVENTS

Events promoted by DESAL+ LIVING LAB

- [3rd Edition of the Specialized Training Program in Desalination DESAL+ CAP](#)
PLACE: Online
DATE: 28/02/2024 - 11/02/2025
- [Masterclass | Contaminantes emergentes en nuestras aguas: determinar para poder regular](#)
PLACE: Gran Canaria, Spain
DATE: 19/11/24

Upcoming related events

- [Clean energy for EU islands workshop: Reducing emissions related to water supply and distribution](#)
PLACE: La Palma, Spain
DATE: 24/10/2024 - 25/10/2024
- [14 edición Feria Internacional Canagua y Energía](#)
PLACE: Gran Canaria, Spain
DATE: 27/11/2024 - 29/11/2024
- [IDRA World Congress 2024](#)
PLACE: Abu Dhabi - United Arab Emirates
DATE: 08/12/2024 - 12/12/2024
- [Desalination for the Environment—Clean Water and Energy Congress](#)
PLACE: Portugal, Portugal
DATE: 27/04/2025 - 30/04/2025
- [XIV CONGRESO INTERNACIONAL AFDyR '60 años de innovación en desalación y reutilización'](#)
PLACE: Tenerife, Spain
DATE: 24/06/2025 - 26/06/2025

Recent Publications:

EERES4WATER Project

- [Barbara A. Willaarts, María Helena Novais, José María González Navarro, Germán López Lara, Manuela Morais, Erik Zilliox, Baltasar Peñate Suárez, The governance of the water-energy nexus: Co-produced narratives to take stock and address energy dependencies of the urban water cycle in Atlantic Europe, Environmental Science & Policy, Volume 160, 2024, pp. 103835.](#)

IDIWATER Project

- [Avila Prats, D., San Luis Gutiérrez, F., Hernández López, Á., Marichal Plasencia, G.N. Optimal Arrangements of Renewable Energy Systems for Promoting the Decarbonization of Desalination Plants, Journal of Marine Science and Engineering, 2024; 12\(7\):1193.](#)
- [Baltasar Peñate Suárez, Juana R. Betancort Rodríguez, Sigrid Arenas Urrea, Vanessa Millán Gabet, Federico León Zerpa. Propuesta de configuraciones de membranas de ósmosis inversa para la desalación de agua de mar y su adaptación al RD 3/2023. Tecnoagua, n.º 68, julio-agosto 2024, pp. 66.](#)
- [Chirinza, N.; Zerpa, F.A.L.; Muguirrima, P.; del Pino García, T.; Rodríguez, G.M.; Gutierrez, C.; Pino, C.A.M. Life-Cycle Analysis of natural treatment systems for wastewater \(NTSW\) applied to municipal effluents. Water 2024, 16, 2653.](#)

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

OUR MAIN FUNDERS



OUR PROJECTS



Water Department. Instituto Tecnológico de Canarias, ITC.

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