



The E5DES project presents its outcomes after 4 years of work

On November 28th, an online results presentation event took place, featuring simultaneous translation to Spanish, French, and Portuguese, serving as a platform to showcase how E5DES has addressed the current challenges and needs in the field of desalination.

[READ MORE](#)



The hyper-realistic 3D construction of a desalination plant will aid in education and dissemination about desalination processes

The Canary Islands Agency for Research, Innovation, and Information Society (ACISI), within the DESAL+ LIVING LAB platform, has produced a hyper-realistic animated 3D video aimed at presenting in detail the operations of an industrial seawater reverse osmosis desalination plant.

[READ MORE](#)



The E5DES project strengthens resources for training and research at the University of Nouakchott through the delivery of a reversal electro dialysis pilot plant

The Canary Islands Institute of Technology (ITC) has facilitated the transfer of a Reversal Electrodialysis (EDR) pilot plant and further training to the University of Nouakchott (UN), a partner in Mauritania within the E5DES project.

[READ MORE](#)



Final touch to the training received by the 83 students participating in the 1st Edition of the Specialized Training Program in Operation and Maintenance of Desalination Plants

The purpose of this technical event was to provide students and attendees with an excellent insight into the trends in seawater desalination by an outstanding speaker.

[READ MORE](#)



DESAL+ LIVING LAB incorporates a brine concentration pilot plant into its brine valorisation open testbed

ITC Water Department has been developing during the last years a testing and verification area for brine valorisation technologies at its Pozo Izquierdo facilities in Gran Canaria, linked to the DESAL+ LIVING LAB platform.

[READ MORE](#)



Two new project proposals recently submitted within the framework of E5DES project

Both proposals aim to achieve significant milestones in desalination research and development by driving sustainable and effective solutions.

[READ MORE](#)



E5DES held a total of 3 webinars on desalination in collaboration with EDS during 2023

This partnership, which began in 2021, has until now organized a total of 15 events, benefiting over 852 professionals associated with this sector.

[READ MORE](#)



Researchers from ULL took part in various activities organized at the MACARONIGHT 2023 science outreach

Researchers from the University of La Laguna were at the heart of scientific activity last September in Tenerife, participating in a series of events associated with Macaronight.

[READ MORE](#)

EVENTS

Events promoted by DESAL+ LIVING LAB

- [Fast-Track School # 1 Solar-driven water production & water treatment technologies and brine treatment processes](#)
PLACE: Online and on-site at UNIPA, Università degli Studi di Palermo, Palermo, Italia
DATE: 10/01/2024 - 11/01/2024
- [Next edition of the specialized training program in desalination.](#)
PLACE: Online and on-site sessions
DATE: Planned for February 2024
- [Online intensive course on "MEMBRANE TECHNOLOGY. PROCESS AND SYSTEM DESIGN"](#)
PLACE: Online
DATE: 11/04/2024 to 12/04/2024 and 15/04/2024 to 18/04/2024

Recent Publications:

E5DES Project

- [Ángela Hernández López, Jorge Camacho-Espino, Baltasar Peñate Suárez and Graciliano Nicolás Marichal Plasencia. Energy Efficiency Optimization in Onboard SWRO Desalination Plants Based on a Genetic Neuro-Fuzzy System. Applied Sciences. 2023; 13\(6\):3392.](#)
- [Deivis Avila, Yanelys Cuba Arana, Ramón Quiza and G. Nicolás Marichal. Assessment of Wave Energy Converters Based on Historical Data from a Given Point in the Sea. Water, 2023, vol. 15, 4075.](#)

DESAL+ LIVING LAB

- [DESAL+ LIVING LAB RESULTS REPORT \[ENGLISH\]\(#\) | \[ESPAÑOL\]\(#\) | \[FRANÇAIS \\(new\\)\]\(#\) | \[PORTUGUÊS \\(new\\)\]\(#\)](#)

- 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 PROJECTS AND FUNDERS



DESALRO



Fondo Europeo de Desarrollo Regional

NICEST

Next generation Industrial Control Engineering for Sustainable water system Treatment



VOLANTE INERTIA



Other funders



Consejería de Universidades, Ciencia e Innovación y Cultura
Agencia Canaria de Investigación, Innovación y Sociedad de la Información



Water Department. Instituto Tecnológico de Canarias, ITC.

Playa de Pozo Izquierdo, s/n.
35119 – Santa Lucía. Las Palmas, CANARY ISLAND, Spain



+ 34 928 72 75 11 / 86



desalinationlab.com



[Unsubscribe](#)