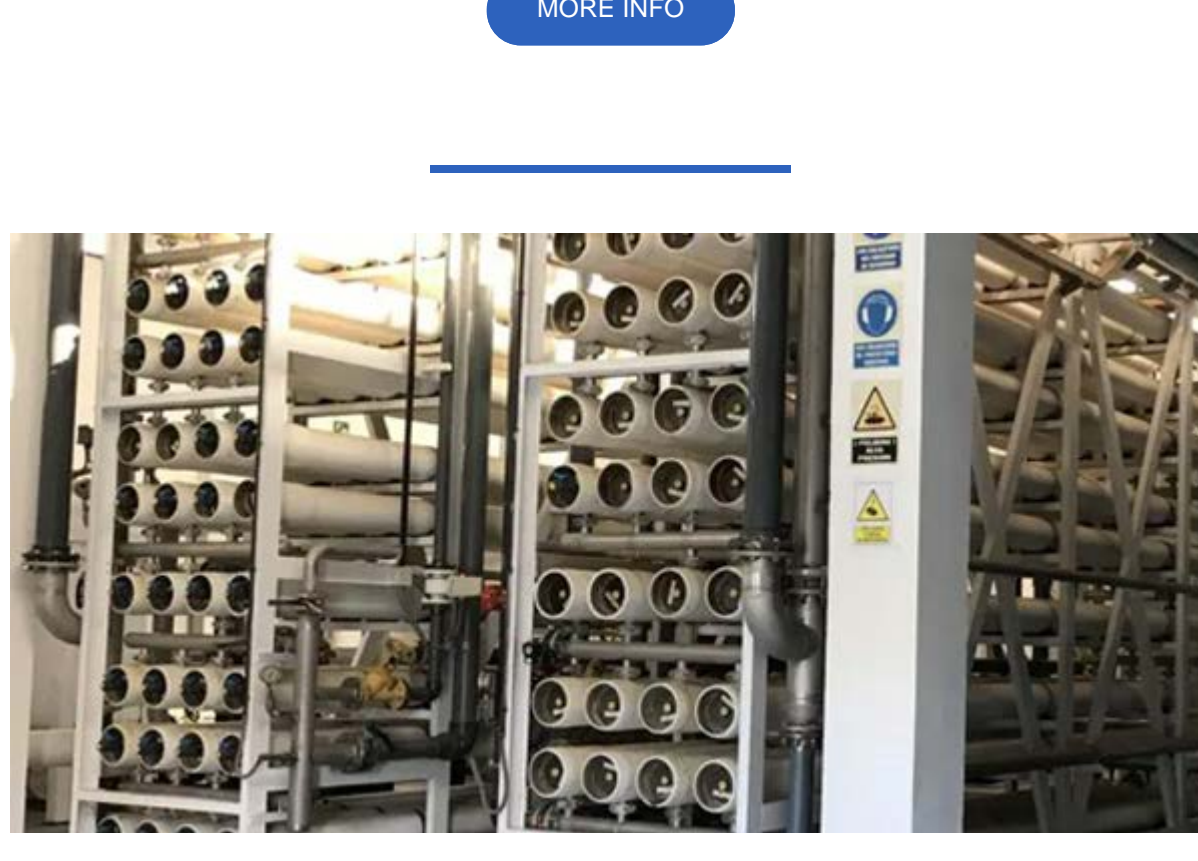


Technical and environmental analysis intended to exploit wave energy for desalination purposes in the northern coastline of Gran Canaria

ULPGC and PLOCAN, in collaboration with Consejo Insular de Aguas de Gran Canaria (Gran Canaria's Water Council or CIAGC) and within the framework of activity 2.2.1 of the DESAL+ Project, have conducted a survey intended to estimate the exploitation capacity of wave energy in the northern coastline of Gran Canaria.

[MORE INFO](#)


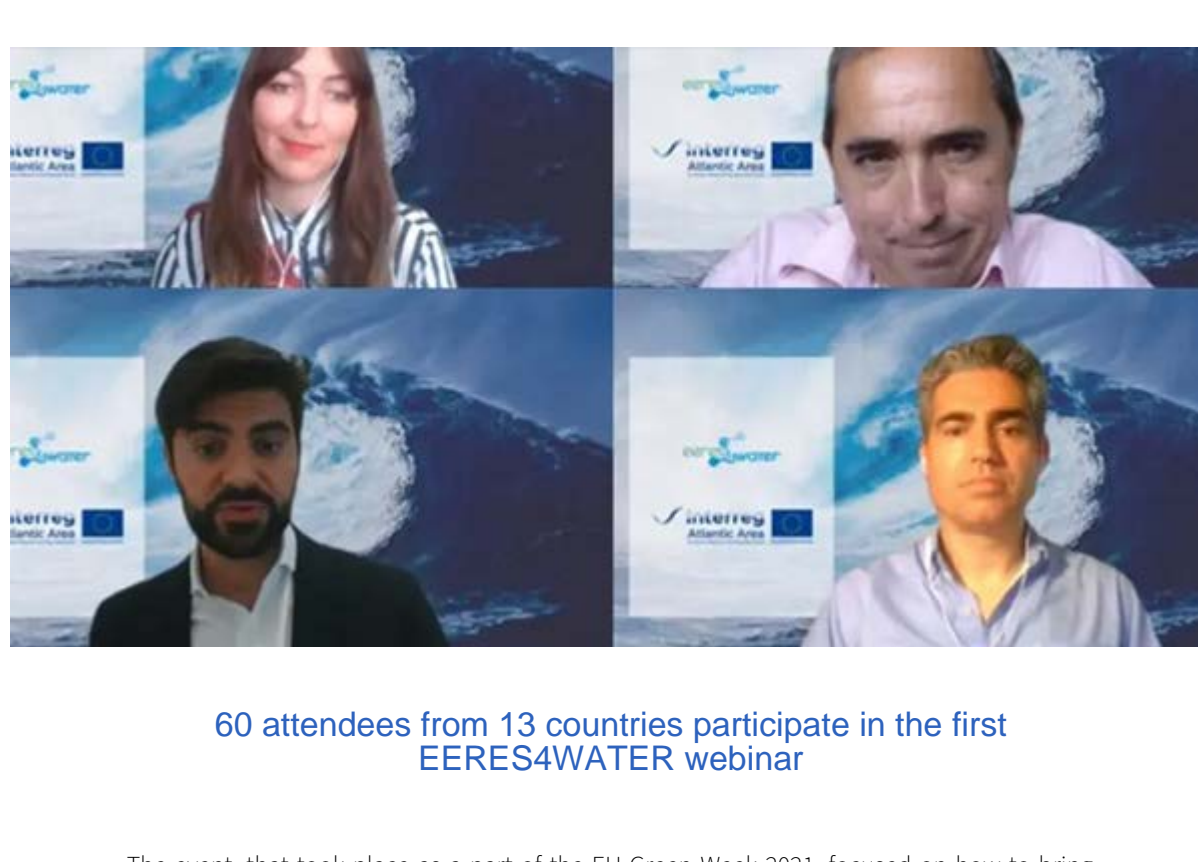
Installation and commissioning of the first experimental Forward Osmosis (FO) plant in the Macaronesian region

This plant continues to increase the high added-value research infrastructure available in the Canary Islands.

[MORE INFO](#)

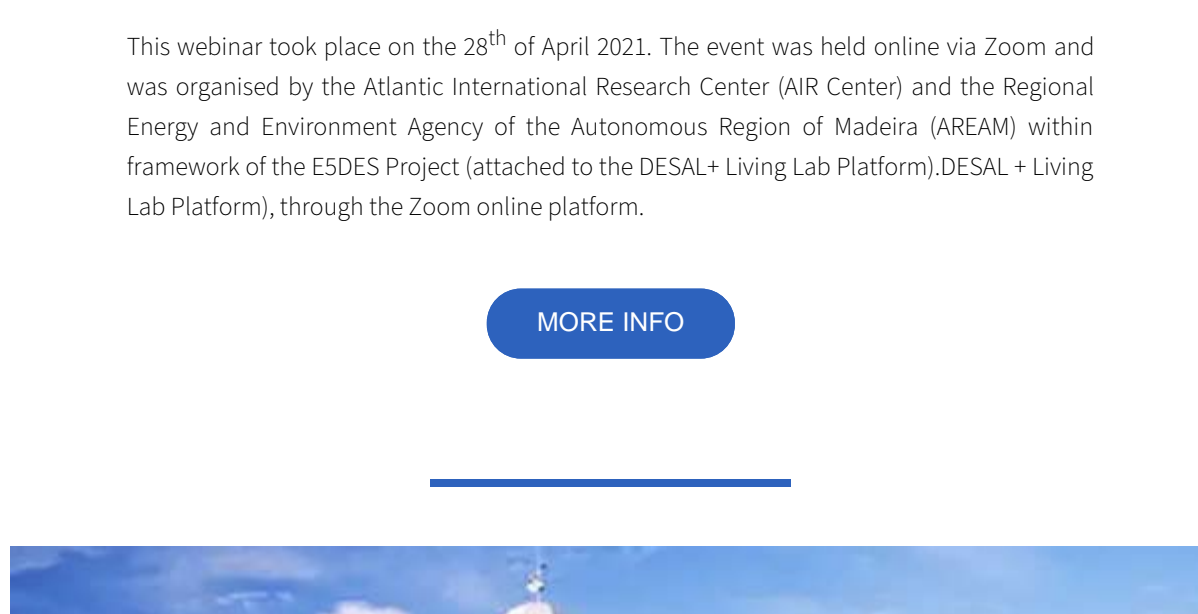

Giving desalination membranes a second life in the Canary Islands

The conclusions of a survey conducted by ACISI help increase the sustainability of the desalination processes in the islands.

[MORE INFO](#)


Reducing chemicals in desalination plants – a priority for the industry

Within the framework of the DESAL+ Project and in line with the Canary Islands' Circular Economy Strategy, ACISI is carrying out a survey intended to reduce the chemicals used in the ultrafiltration pre-treatments of the desalination processes.

[MORE INFO](#)


Two ULPGC researchers are studying the possibility to link water and power production

This project aims to work out innovative solutions for a smart, sustainable management of the desalination systems, as well as to increase the excellence in desalination R&D&I developed in the DESAL+ Living Lab Platform, in particular within the framework of the ESDS Project.

[MORE INFO](#)



60 attendees from 13 countries participate in the first EERES4WATER webinar

The event, that took place as a part of the EU Green Week 2021, focused on how to bring Europe to the forefront of the energy and water sustainability through Open Innovation strategies.

[MORE INFO](#)

WEBINAR PROJETO ESDS

Potencialidades das Unidades de Dessalinização em Regiões com Escassez de Água



28 DE ABRIL DE 2021
10h00-12h00 (GMT)

Participação através da plataforma online Zoom
Inscrições gratuitas

FINANCIADO POR:  

ORGANIZAÇÃO: 

The ESDS Project hosts a webinar on the potential of desalination units in regions with water scarcity

This webinar took place on the 28th of April 2021. The event was held online via Zoom and was organised by the Atlantic International Research Center (AIR Center) and the Regional Energy and Environment Agency of the Autonomous Region of Madeira (AREAM) within framework of the ESDS Project (attached to the DESAL+ Living Lab Platform). DESAL+ Living Lab Platform), through the Zoom online platform.

[MORE INFO](#)


REMINDER: EDS International Conference on Desalination for the Environment – Las Palmas de Gran Canaria, SPAIN (21-25 November, 2021)

Considering the COVID-19 worldwide crisis, the organization has decided to move the event to 21-25 November 2021.

[MORE INFO](#)

Events Promoted
by DESAL+ LIVING LAB

- > Curso de control y automatización inteligente de procesos de desalación de aguas - Date: 24/09/2021 to 16/10/2021 Place: Semi-presencial
- > MEMBRANE TECHNOLOGY, PROCESS AND SYSTEM DESIGN – Online intensive course - Date: 27/09/2021 to 29/09/2021 and 04/10/2021 to 06/10/2021 Place: Online
- > Curso de desalación con energías renovables -Date: 5/11/2021 to 17/12/2021 Place: Semi-presencial
- > Desalination for the Environment: Clean Water and Energy – NEW DATES: 21/11/2021 to 25/11/2021 Place: Las Palmas de Gran Canaria, Spain

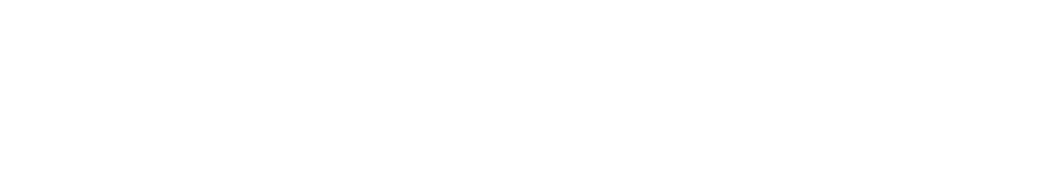
Recent Publications
DESAL+ LIVING LAB

Pedro Cabrera, José Antonio Carta, Henrik Lund, Jakob Zinck Thellufsenet. Large-scale optimal integration of wind and solar photovoltaic power in water-energy systems on islands. Energy Conversion and Management, 2021, vol. 235, p. 113982.

Pedro Cabrera, Matt Folley, José Antonio Carta. Design and performance simulation comparison of a wave energy-powered and wind-powered modular desalination system. Desalination, 2021, vol. 514, p. 115173.

Federico León-Zerpa, Baltasar Peñate-Suárez, Javier Roo-Filgueira y Jenifer Vaswani. Reutilización de elementos de ósmosis inversa de los procesos de desalación. Ingeniería y tecnología del medio ambiente, 2021. In Press.

OUR PROJECTS



OUR FOUNDERS



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