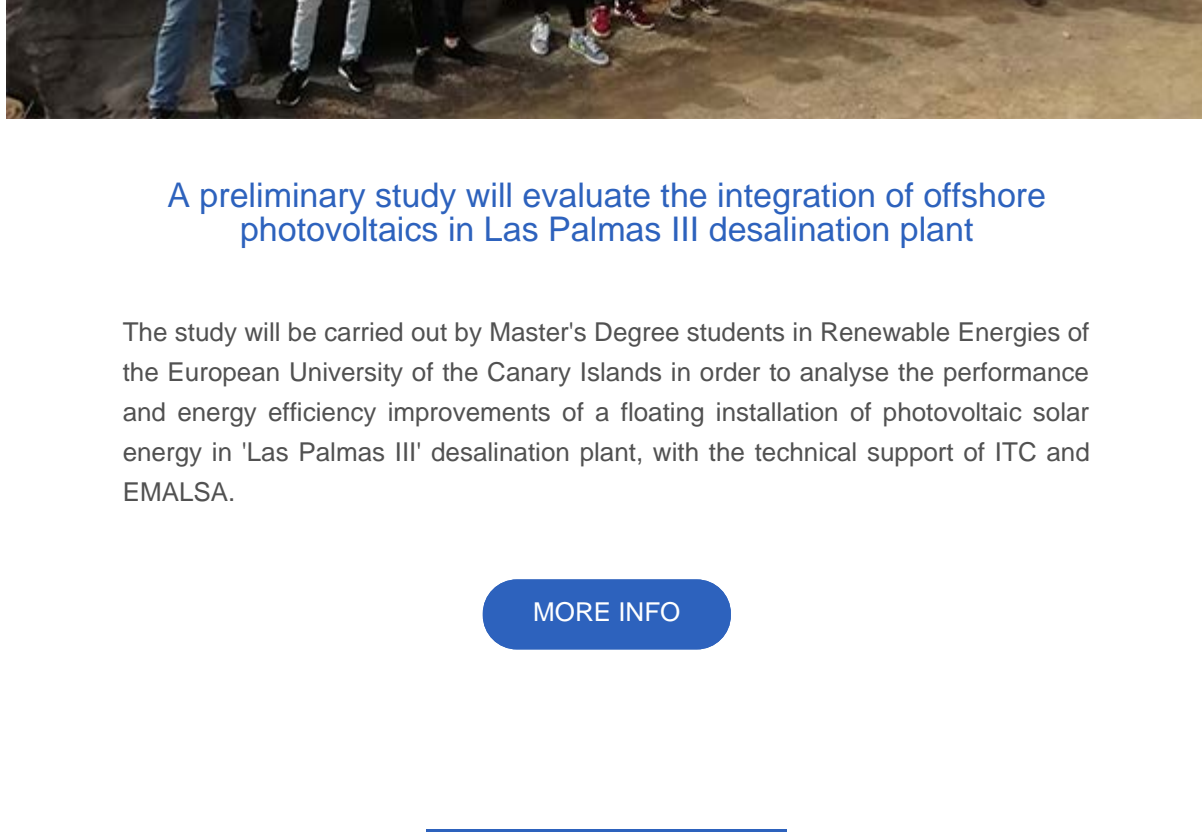


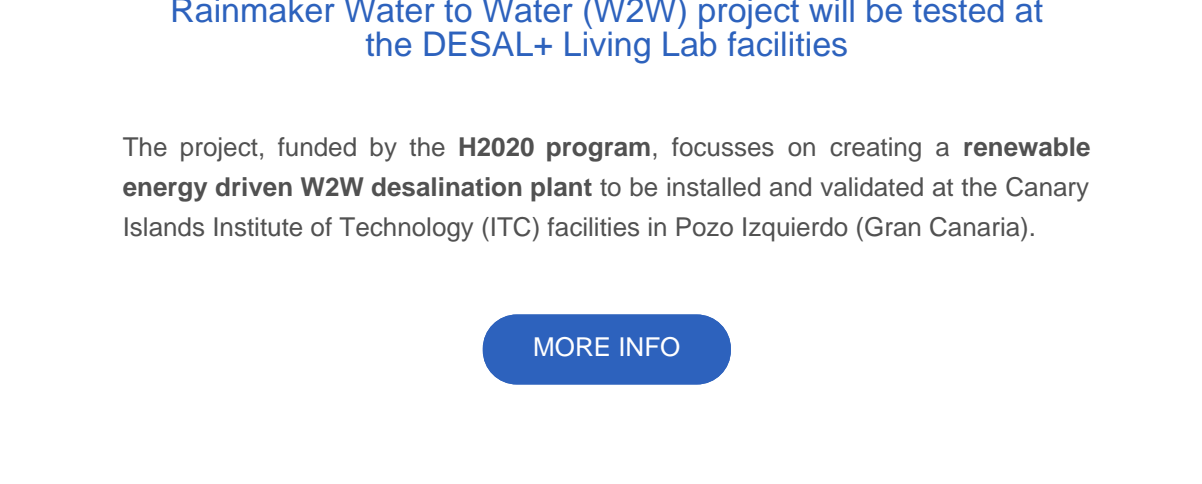
What is DESAL+ LIVING LAB?

The **DESAL+ LIVING LAB**, located in the Canary Islands, is a desalination-oriented real-life and tested environment which offers to manufacturers, companies, technology centers, researchers, etc., different spaces, facilities, infrastructures, equipment, etc. where their research, develop, test and/or validation of water desalination solutions could take place

[MORE INFO](#)


A preliminary study will evaluate the integration of offshore photovoltaics in Las Palmas III desalination plant

The study will be carried out by Master's Degree students in Renewable Energies of the European University of the Canary Islands in order to analyse the performance and energy efficiency improvements of a floating installation of photovoltaic solar energy in 'Las Palmas III' desalination plant, with the technical support of ITC and EMALSA.

[MORE INFO](#)


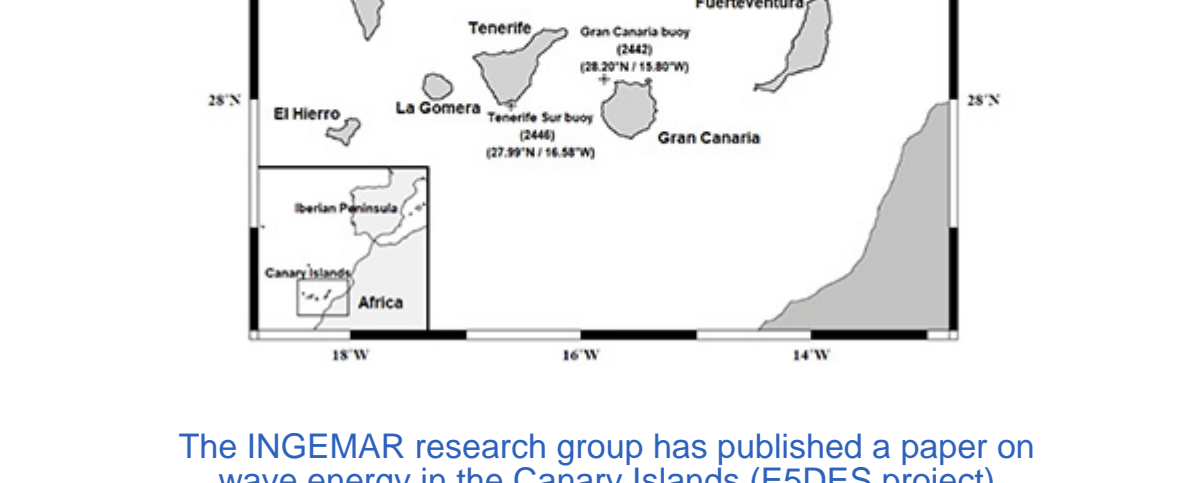
Rainmaker Water to Water (W2W) project will be tested at the DESAL+ Living Lab facilities

The project, funded by the **H2020 program**, focusses on creating a **renewable energy driven W2W desalination plant**, to be installed and validated at the Canary Islands Institute of Technology (ITC) facilities in Pozo Izquierdo (Gran Canaria).

[MORE INFO](#)


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[MORE INFO](#)


DESAL+ project partners present the results of the optimization management of water pumping loads from El Hierro desalination plants

Last June took place a progress meeting between Instituto Tecnológico de Canarias (ITC), Universidad de Las Palmas de Gran Canaria (ULPGC), Consejo Insular de Aguas de El Hierro (CIAEH) and Gorona del Viento El Hierro S.A with the aim of presenting the results from the study carried out by the University of Las Palmas de Gran Canaria which seeks to evaluate the use of the wind surplus from Gorona del Viento hydroelectric plant.

[MORE INFO](#)


The INGENMAR research group has published a paper on wave energy in the Canary Islands (E5DES project)

On April 30th the paper "Forecasting of wave energy in Canary Islands based on Artificial Intelligence" was accepted for publication in the Journal "Applied Ocean Research" (Elsevier), developed by the INGENMAR research group, belonging to the University of La Laguna, ULL.

[MORE INFO](#)

The training program for desalination specialists promoted by SPEGC and the DESAL + LIVING LAB Platform begins

The Gran Canaria Economic Promotion Society (SPEGC) and the Canary Islands Institute of Technology (ITC), member and coordinator of the DESAL+ LIVING LAB Platform, launch the first two training modules, of the 14 planned, which are part of a training program for specialists in desalination aimed at increasing professional skills in this sector.

[MORE INFO](#)

Participation of the DESAL + Living Lab Platform in the webinar "Energy Efficiency and Renewable Energies in the Industrial Water Cycle", organized by the RESOR project

On July 21st, the online seminar "Energy Efficiency and Renewable Energies in the Industrial Water Cycle" was held, during which the current situation in the Canary Islands was studied in depth, and the search for technological solutions to reduce energy consumption in the treatment and distribution of water was discussed.

[MORE INFO](#)

Cabildo de Gran Canaria and ITC align to increase the professional qualification of experts and researchers in desalination

The ITC, as coordinator of the DESAL + LIVING LAB Platform, has begun hiring technicians for their training and increased research competencies in desalination within the framework of an initiative of the Cabildo de Gran Canaria-SPEGC.

[MORE INFO](#)

INTERVIEW WITH RIČARDAS ZAICAS

Ričardas Zaicas is currently a **Project Manager** at **Rainmaker Holland B.V.** He graduated from the Klaipėda University in Lithuania and holds a Master's degree in Ecology and Environmental Science (Photo by: Jos Kottmann).

[READ THE INTERVIEW](#)

Events Promoted by DESAL+ LIVING LAB

> Módulo Pretratamientos de los procesos de desalación - Dates: .11/09/2020 - 17/10/2020 Place: Online

> Curso a distancia "DESALACIÓN MEDIANTE ENERGÍAS RENOVABLES" - Dates: 28/09/2020 - 30/10/2020 Place: Online

> Módulo Eficiencia Energética en desalación. Diseño hidráulico optimizado de bastidores de ósmosis inversa - Dates: 30/10/2020 - 19/12/2020 Place: Online

> Desalination for the Environment: Clean Water and Energy – NEW DATES! - Dates: 16/05/2021 - 19/05/2021 Place: Las Palmas de Gran Canaria, Spain

Upcoming RELATED EVENTS

> 15th SDEWS Conference - Dates: 1/9/2020 - 5/9/2020 Place: Cologne, Germany

> International Congress on Membranes & Membrane Processes 2020 (ICOM 2020) - New Dates: 6 - 11 December 2020 Place: ExCel Centre, London, UK

> XIII Congreso Internacional AEDyR sobre Desalación y Reutilización - Dates: 24/02/2021 - 25/02/2021 Place: Córdoba, España

Recent Publications

DESAL+ LIVING LAB

SCHALLENBERG-RODRÍGUEZ, Julieta, et al. Energy supply of a large size desalination plant using wave energy. Practical case: North of Gran Canaria. Applied Energy, 2020, vol. 278, p. 115681.

OUR PROJECTS

