

BRINE VALORISATION OPEN TESTBED



Fostering innovation in desalination brine valorisation, embracing circular economy

The Canary Islands Institute of Technology (ITC) hosts a unique open testbed worldwide, within the DESAL+ LIVING LAB framework, offering services and infraestructure for projects and research related to desalination brine valorisation.

This experimental area enables testing under real conditions, optimisation and validation of pre-commercial technologies, aiming to drive research and innovation.

WHAT DO WE OFFER?

- Desalination brines with different characteristics:
- 1-stage RO, 2-stage RO, NF, concentrated brine, FO
- Research area to locate pilots, demonstratives, including promising and disruptive technologies
- Simple and fast installation - Plug & Play, pre-installed plot
 - Authorized brine discharge permit and administrative support for project execution
 - Highly-qualified ITC technicians and researchers
 - Variety of renewable energy technologies available
- 0. 22 Getting advantage of special tax deductions for R&D projects
 - Consulting and support service for entrepreneurs and innovative companies

MAIN OBJECTIVES

Boost R&D with a high level technical location focused on applied research using actual desalination brines

Engage companies with pre-market solutions

Promote our testing site for International and private project proposals

Co-funders











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BRINE VALORISATION OPEN TESTBED FACILITIES

