



Project funded by the  
**EUROPEAN UNION**



**REGIONE AUTÒNOMA DE SARDIGNA**  
**REGIONE AUTONOMA DELLA SARDEGNA**



# **AQUACYCLE's Cross border dimension and benefits of the project**



**Meeting wit ECA**  
**17 January 2022**

# Cross-border stakeholder engagement

3 Series of Stakeholder Workshops styled in same format/having the same agenda to yield directly comparable outcomes and feedback

Series	Objective	Target audience (number)	LB	ES	TN	(Target) date
1	Identifying opportunities and barriers to reuse of treated effluent Collect feedback on prototype WebGIS decision support tool	Decision-makers, nat'l entities concerned with non-conventional water resources (25)	25	70	28	LB Jul 2020 TN Sep 2020 ES Oct 2020 (online)
2	Perceptions of treated effluent reuse Drawing up of 'bottom up' reuse action plans (Participatory GIS)	Farmers and Local community representatives around pilot plants (15)				TN Dec 2021 (ES Feb 2022) (LB Feb 2022)
3	Presenting optimal reuse action plans obtained from WebGIS Exploring investment opportunities	Decision-makers, nat'l entities concerned with NCWR, investors (25)				(Final semester of project duration)

# Cross-border project outcomes achieved

(1) SWOT analysis of the local governance framework with regard to wastewater treatment and reuse

## Target outcome of the analysis

To come up with strategies aimed at changing the paradigm on wastewater treatment and reuse which duly



**Build on Strengths**

**Minimize Weaknesses**



**Explore Opportunities**

**Mitigate Threats**



# Cross-border project outcomes achieved

(1) SWOT analysis of the local governance framework with regard to wastewater treatment and reuse

## Inputs

Desk research  
(institutional and regulatory framework, past and ongoing action plans)

3\*5 Interviews

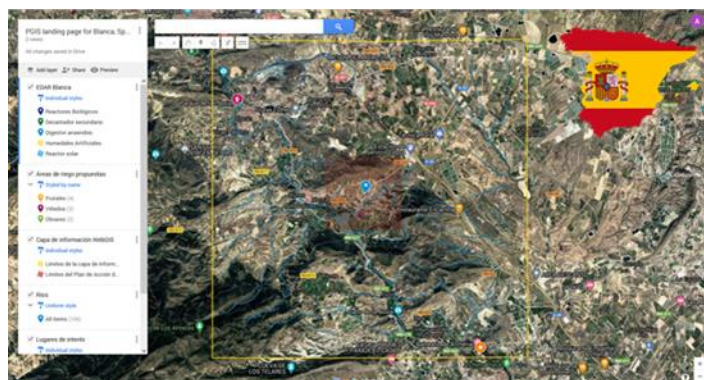
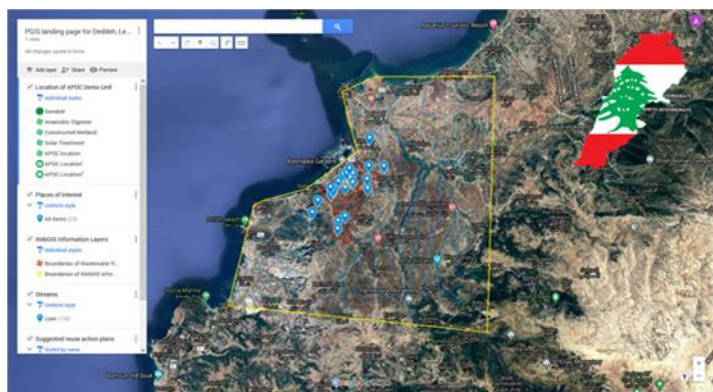
First Stakeholder Workshop

## Outcomes shared on YouTube



# Cross-border project outcomes achieved

(2) Preparing for 'bottom up' inputs to action plans for reuse of treated effluent through the use of Participatory GIS



PGIS Landing pages with the same 'look' and 'feel' to facilitate cross-border interpretation

Farmers and local community representatives will be invited to draw suggested reuse action plans

Planned locations for APOC technology demonstration units



Target: 300,000 m<sup>3</sup> of treated effluent reuse at each site

# Cross-border project outcomes achieved

## (3) e-Training platform on the APOC Technology

Taking  
knowledge  
transfer to  
new levels



The platform  
also enables  
connecting and  
establishing  
cooperation  
among experts,  
researchers  
and water  
stakeholders

Content compiled with active input from all partners

# Together we are stronger!

The mutual aspiration of **AQUACYCLE**, **MEDISS**, **MENAWARA**, **NAWAMED** and **PROSIM** in finding innovative and technological solutions to increase water efficiency and encourage the use of non-conventional water resources brings a **real opportunity for each individual project to achieve more by joining forces!**



This initiative, launched by **Dr. Konstantinos Plakas** in March 2020 was given prominence on the **ENI CBC Med website**

Invitation was extended to all EU funded projects through the **EMWIS/SEMIDE Newsletter** with the active support of **JTS**