

# Demonstrator and replicators map



■ Demonstrator   ■ Replicator

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## CONSORTIUM



Geologically Enhanced NaturE-based Solutions for climate change resiliency of critical water InfraStructure

# Take part in our contest

## 'Groundwater on Islands'

Are you between 14 and 18 years old and live in Macaronesia?

Your creativity can make a difference!

- Create a video of up to 1 minute on how nature helps protect groundwater on your island.
- You can make it animated, narrated, documentary-style... **however you want!**
- Participate **alone or with friends** (up to 4 people).
- In **Spanish or Portuguese**, with English subtitles or a transcript



### Prizes:

Gift cards worth €150, €100, and €75 for the top three entries

What's more, your video could appear on social media, in campaigns, and at European events. **Get yourself seen!**

You have until **December 23, 2025**

Find out more by scanning the QR



# GENESIS WILL

Analyse, for each demonstrator site



Water demand for agricultural and urban use



Hydrogeological models and simulations



Effectiveness of the NbS in the quantity and quality of water

**Citizen's engagement and active participation will be enabled through different channels**

Implement and test different kinds of Macaronesian suited Nature-based Solutions to improve aquifer recharge and water quality

- 1 Reclaimed water in dry gallery,
- 2 Underground dike-impounded dam systems.
- 3 Soil aquifer treatment,
- 4 Wetland restoration,
- 5 Other ecosystem-based approaches (infiltration ponds).

A digital twin of the hidrogeology of La Palma will test the synergetic effects of the four NbS implemented and the resilience of the water system towards climate change scenarios.