

“Green where we can,
grey where we must



Sponge measures are a type of nature-based solution that absorb, store, retain and slowly release water, mitigating floods and droughts and providing lasting benefits.

Their **implementation** is challenging due to limited historical data, the need for diverse expertise, particularly in ecology, hydrology and soil sciences and long-term cooperation between knowledge holders and stakeholders.

This is precisely where SpongeScapes aims to help, by bringing **new evidence and tools** for upscaling the implementation of sponge measures in landscape wide sponge strategies.



4
Years
2023 - 2027

3
Million €

10
European partners

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Consortium partners



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Sponge Scapes

improves the **sponge** functioning of **soil and water** ecosystems to make European landscapes more resilient to **floods and droughts**



OBJECTIVE

SpongeScapes aim is to upscale individual 'sponge measures' into overarching 'sponge strategies' at the landscape scale.

To do this, we combine detailed monitoring of individual measures with landscape-scale modelling approaches to determine the maximum sponge capacity of catchments under current and future change scenarios.

We involve stakeholders in the co-design and implementation of sponge measures in different geographical landscapes, taking into account co-benefits and trade-offs.

METHODOLOGY

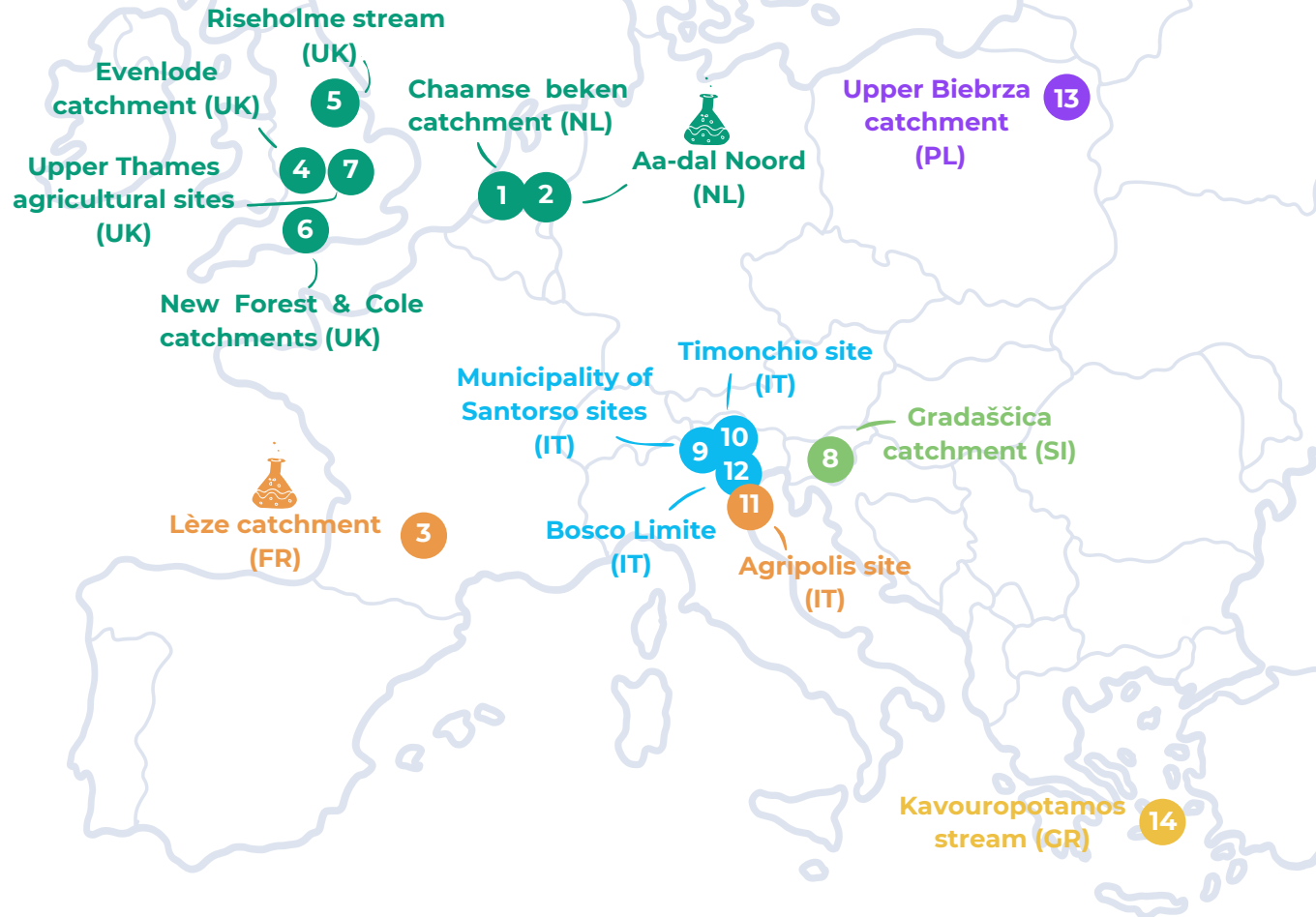
Evaluation of sponge measures

Evaluation of co-benefits and trade-offs for society

Promotion of an enabling environment



14 CASE STUDIES



2 SPONGELABS

SpongeLabs help public authorities, the private sector, and civil society create sponge strategies in the landscape they are living in.

6 BIO REGIONS

- Atlantic Central
- Nemoral
- Mediterranean North
- Mediterranean South
- Mediterranean Mountains
- Alpine South