



Designing climate resilient landscapes for water

Ecosystem-based Adaptation (EbA), a Nature-based Approach to climate adaptation, tackles the challenges presented climate change by restoring the ecosystem service provisioning capacity of our landscapes. Restoring the infiltration and retention capacity of our landscapes will increase the resilience of the landscape and its water resources to the increasingly frequent drought spells and extreme rain events. Ecosystem-based Adaptation requires a new perspective for land-use planning that includes spatial objectives for the multitude of ecosystem services that need to be generated on the limited land surface available.

A participatory approach to (spatial) planning for climate adaptation measures.

A participatory approach to this landscape scale planning for EbA relies on (early) engagement with all relevant stakeholders and can be obtained by following the phases described in this report:

- Understanding the catchment
- Identifying water resource risks & challenges
- Identifying & engaging stakeholders
- Ecosystem-based Adaptation targeting (vision building)
- Ecosystem Service quantification (vision building)
- Monitoring & adjustment where needed



<https://www.pro-water.eu/sites/default/files/2022-07/O1.1%20Designing%20climate%20resilient%20landscapes%20for%20water.pdf>

A cross-border cooperation

From November 2017 to March 2023, 10 partners from Flanders, the Netherlands and the United Kingdom work together on PROWATER. The project has a budget of more than 5.5 million euros. In each country, water production companies, governments and research institutes as well as land managers are involved in order to achieve a supported vision for Ecosystem-based Adaptation.

The project PROWATER receives 3.315.974 € through the Interreg 2 Seas fund, co-funded by the European Regional Development Fund (ERDF), to work on climate change adaptation and to increase resilience against droughts and extreme precipitation based on ecosystem services. Interreg 2 Seas is a European territorial cooperation programme for the United Kingdom, France, the Netherlands and Belgium (Flanders).

