OPERANDUM

OPEn-air laboRAtories for Nature baseD solUtions to Manage hydro-meteo risks

GeoIKP

Platform for Nature-based Solutions as mitigation measures for hydro-meteorological hazards

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KAJO
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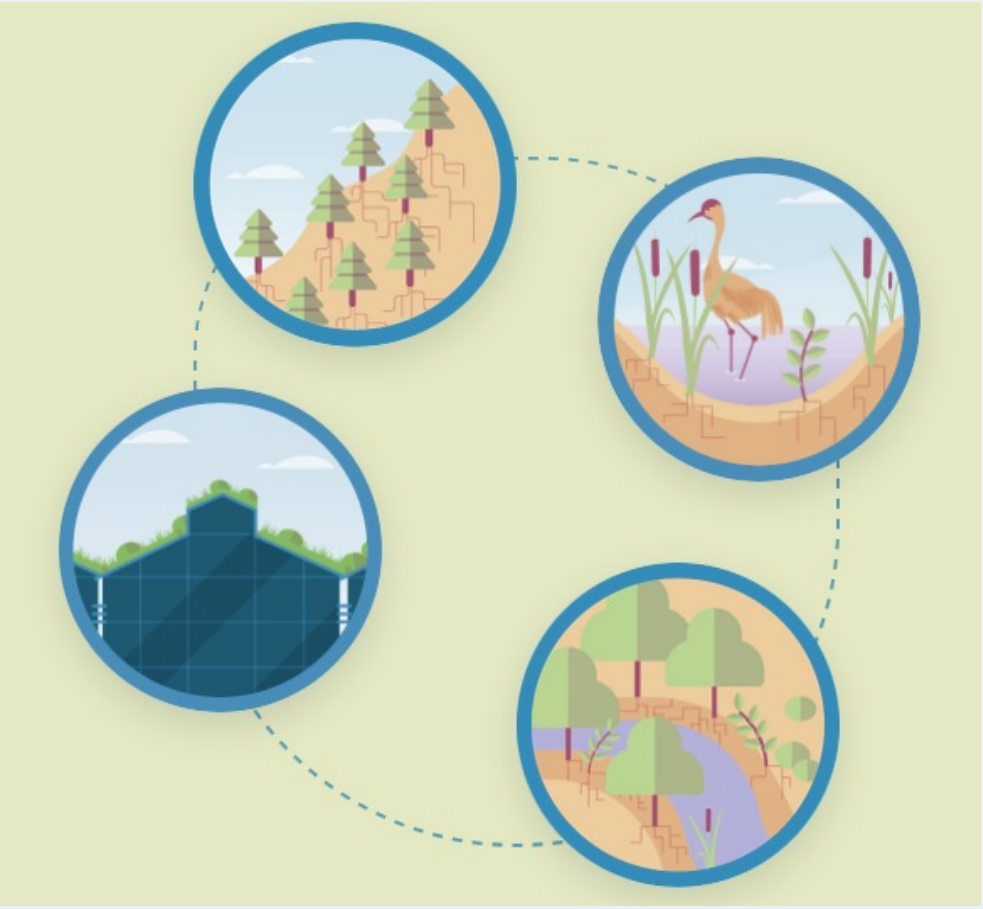
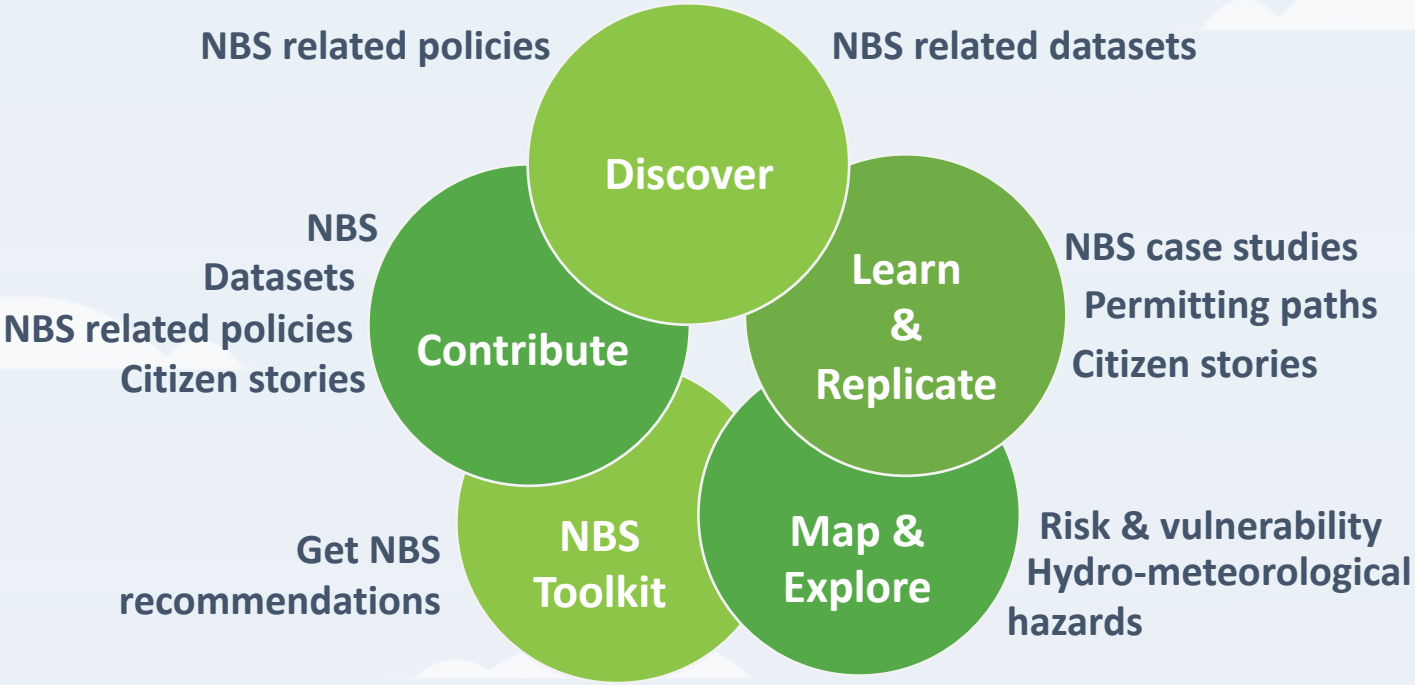
Nature-based Solutions



*'Nature-based Solutions are **actions to protect, conserve, restore, sustainably use and manage** natural or modified terrestrial, freshwater, coastal and marine **ecosystems**, which **address social, economic and environmental challenges** effectively and adaptively, while simultaneously **providing human well-being, ecosystem services and resilience and biodiversity benefits**.'*

(United Nations Environment Assembly (UNEP/EA5/L9/REV.1))

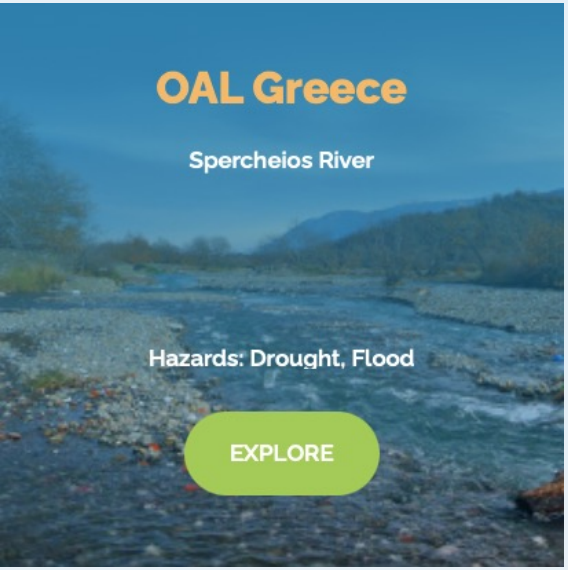
Platform for Nature-based Solutions

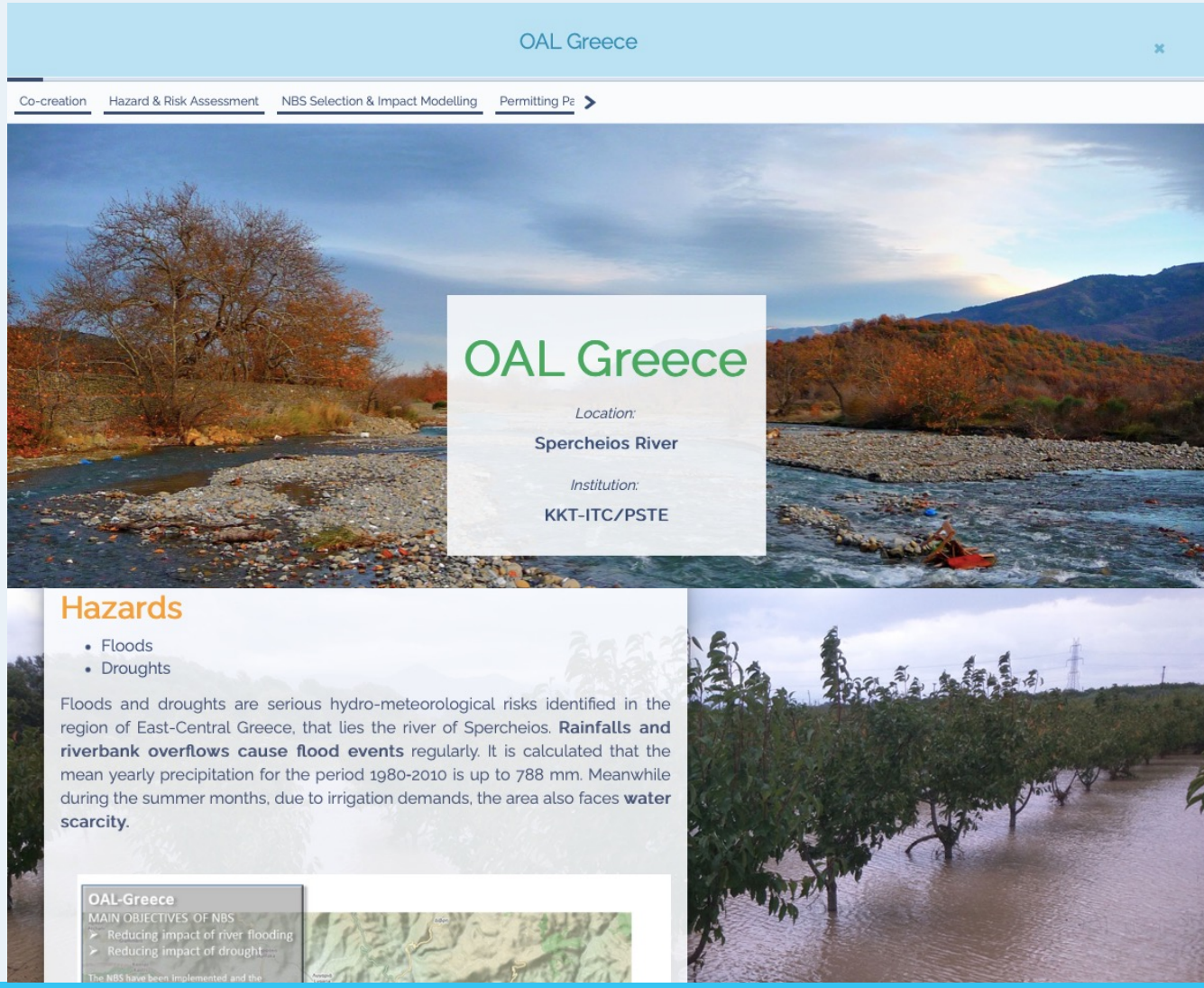


GeoIKP

www.geoikp.operandum-project.eu

Open-air Laboratory in Greece





Citizens Getting Active

Flood and drought prevention through collaboration between citizens, the municipality and local experts

Greece, Sterea Ellada

Flood, Drought

Basic info

Hazard: Flood, Drought

Nature-based Solution: 1. Restoration and stabilization of the river banks, cleaning the bed material loasd and widening the river bed 2. Re-meandering the river course 3. Flood storage reservoir with an earth dam

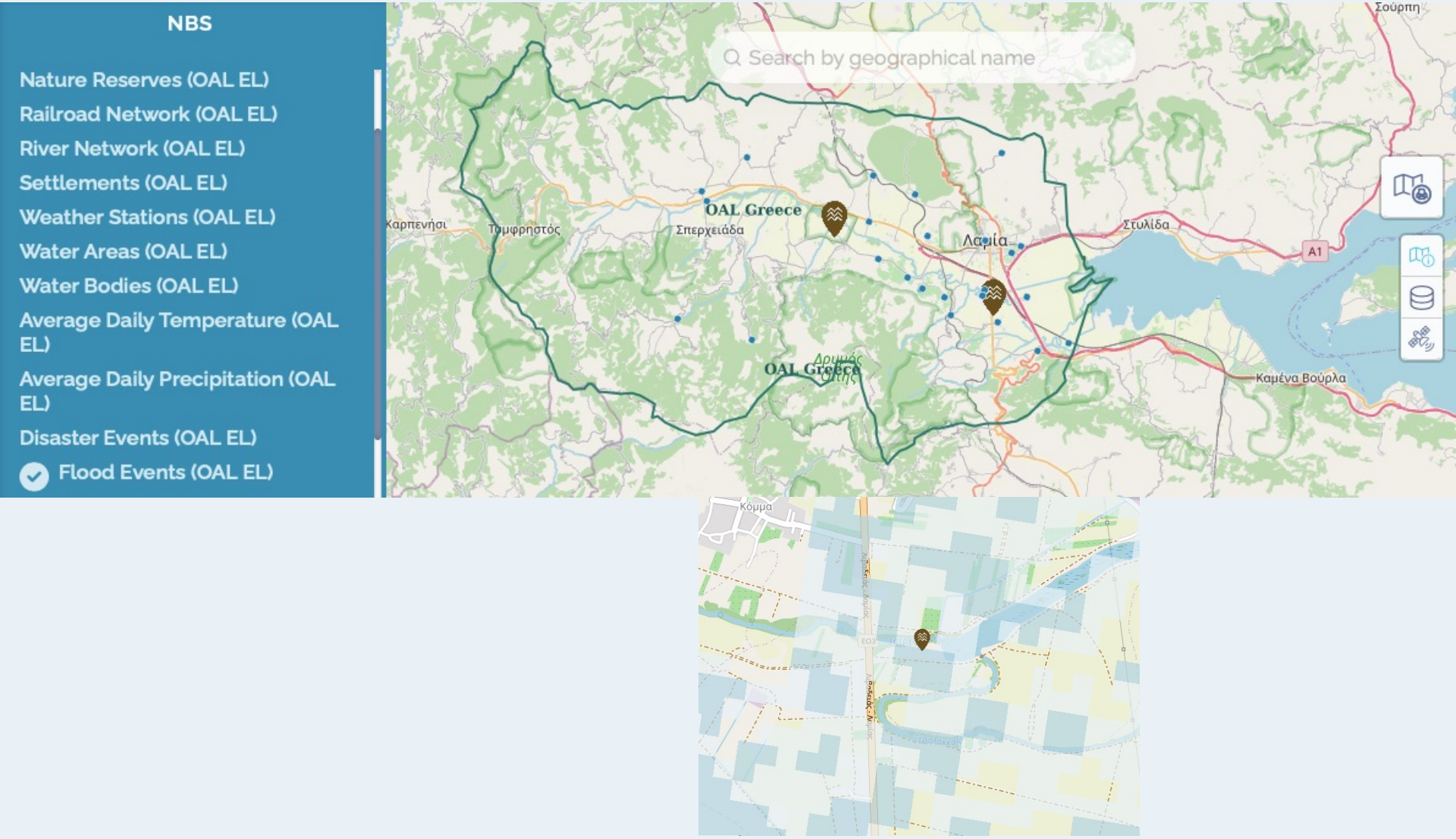
How it started

Starting point: community

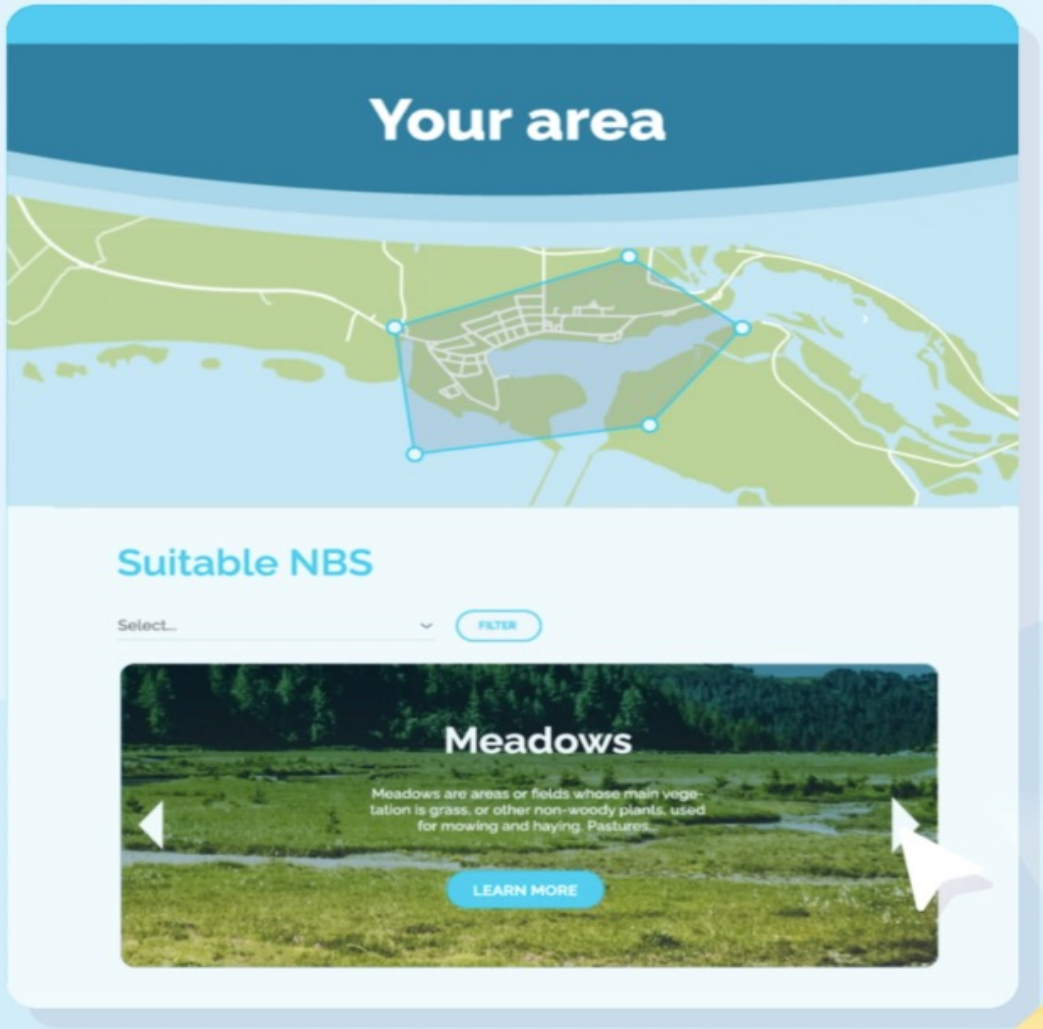
First approaches: municipality

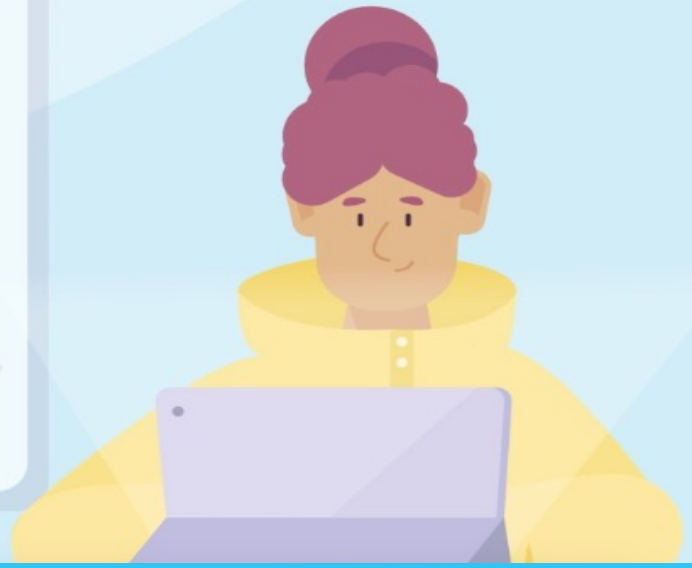
Getting started: Yes, I knew a few people who had the same issue that we cannot go to work sometimes because the bridge is flooded. Together we asked the municipality for help

Risk Identification & Site Selection

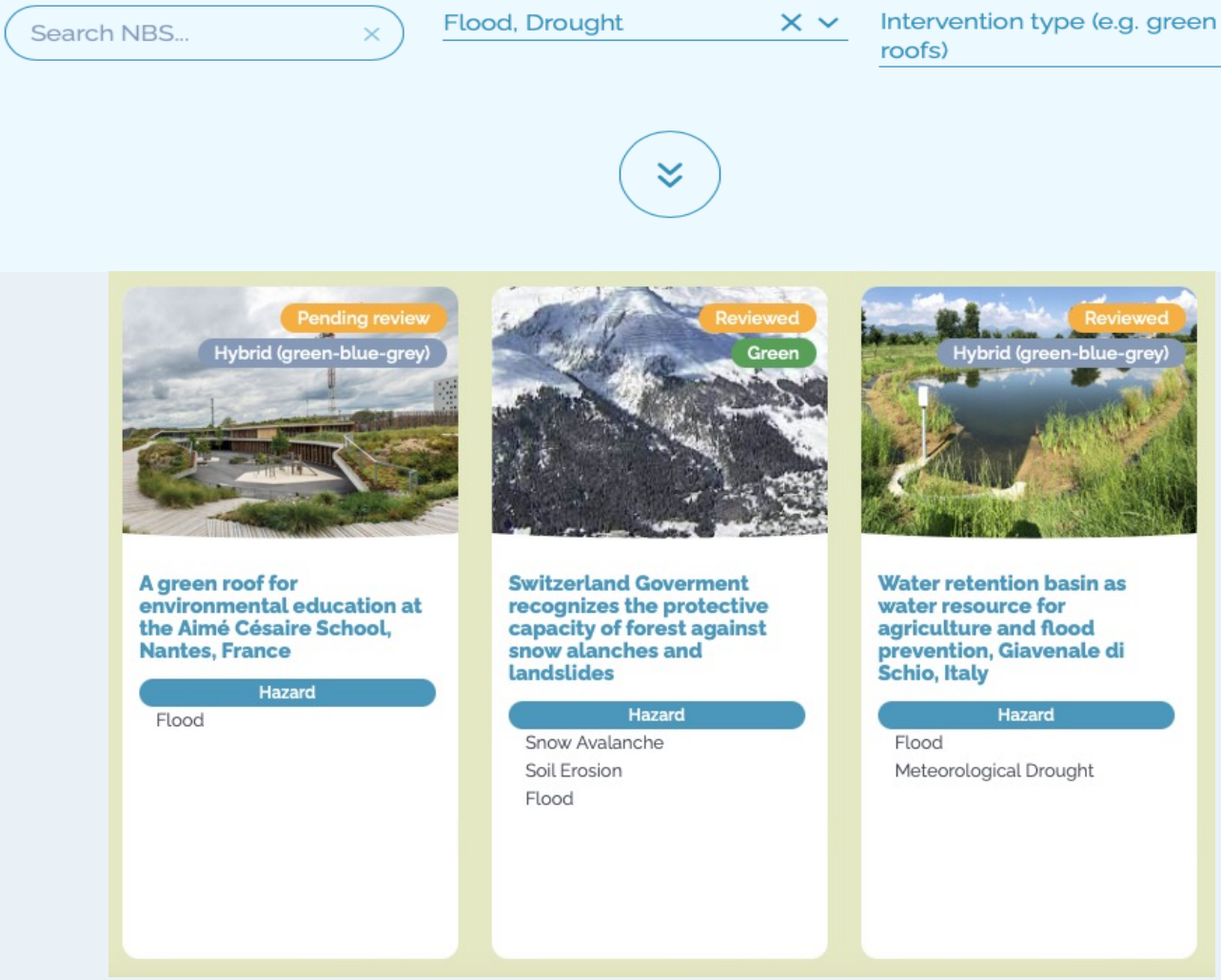


NBS Selection



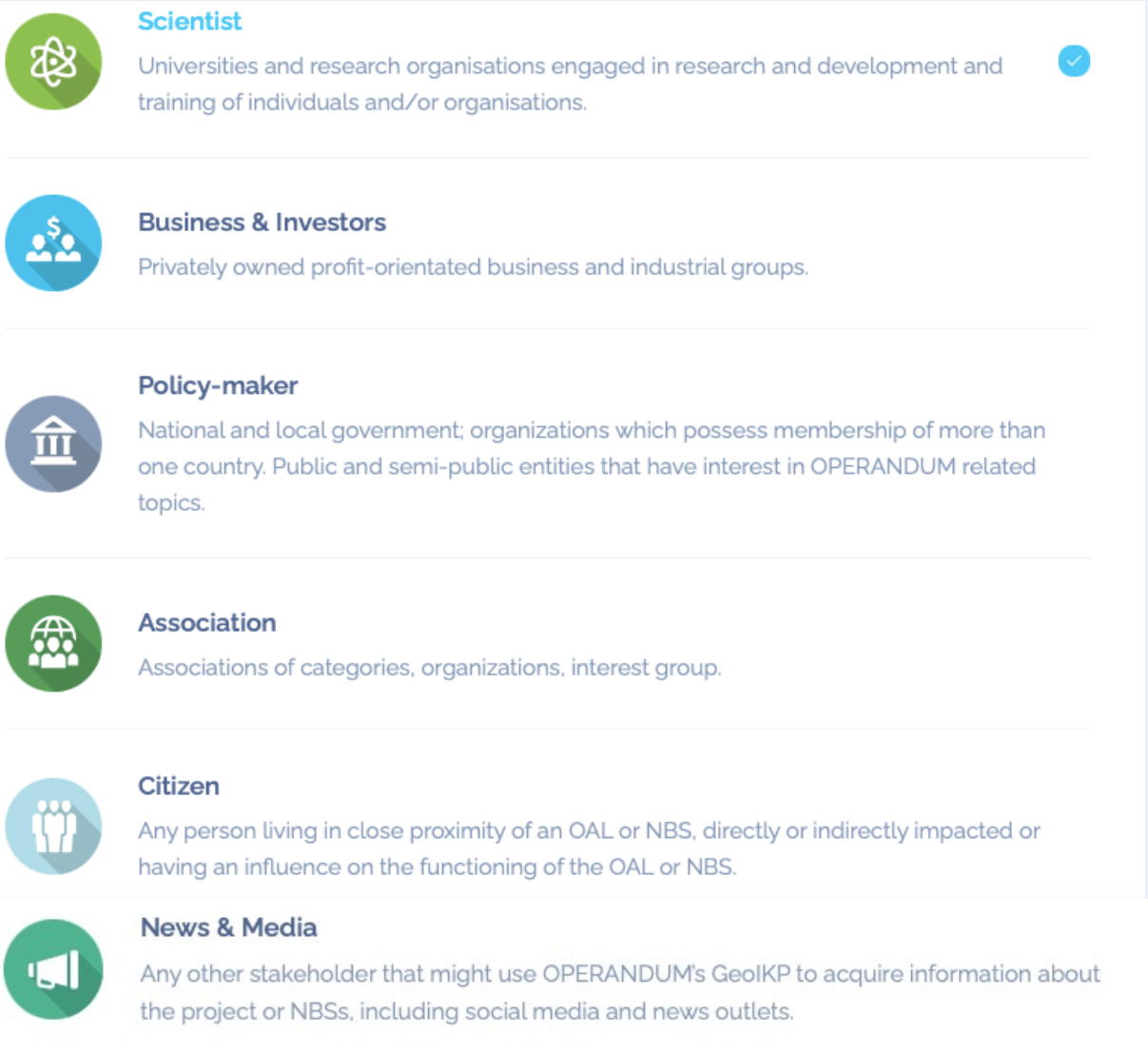


Explore NBS Examples



One Platform Fits All

- ✓ Open-source
- ✓ User customised
- ✓ User-friendly



Shaping the Platform Together

Links

The GeoIKP Platform:
https://geoikp.operandum-project.eu

The GeoIKP video:
https://youtu.be/WRLnVSO3dMk

NBS Toolkit video:
https://geoikp.operandum-project.eu/nbs/toolkit

The OPERANDUM website:
https://www.operandum-project.eu

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Thank you!

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