



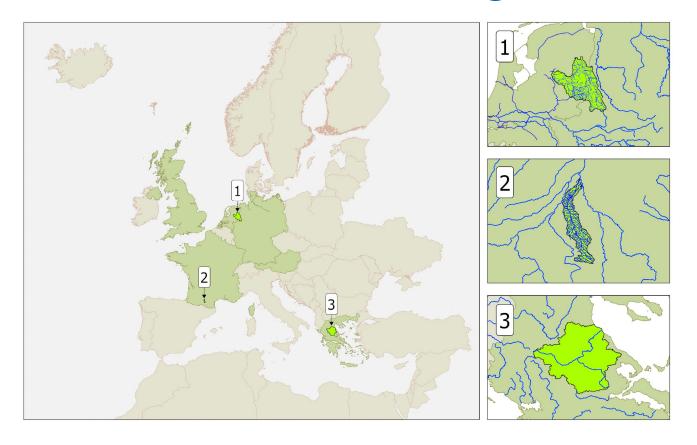
Co-creating, Implementing and Upscaling Nature-based Solutions for Water Retention and Climate Resilience in Europe

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Common challenges in diverse European basins



1. Vecht River Basin (NL/DE)

Cross-boarder lowland basin; Floods, droughts, water quality, biodiversity

2. Lèze River Basin (France)

Hilly agricultural catchment Flash floods, soil erosion, water quality

3. Pinios River Basin (Greece)

Intensive agricultural catchment (ground-)water scarcity, soil management, water quality

All: climate-resilient agricultural practices & maintaining harmony among stakeholders





SpongeWorks vision & aim

Transformative change of landscape and water management for climate resilience

Aim: contribute to reducing **floods**, **droughts** and **biodiversity decline** by **demonstrating effective** and **inclusive** integrated approaches to increase **landscape** water retention capacity of groundwater, soil and surface water systems

Combined scientific excellence and practical know-how a shift in the pace of implementing sponge measures and strategies in Europe and beyond

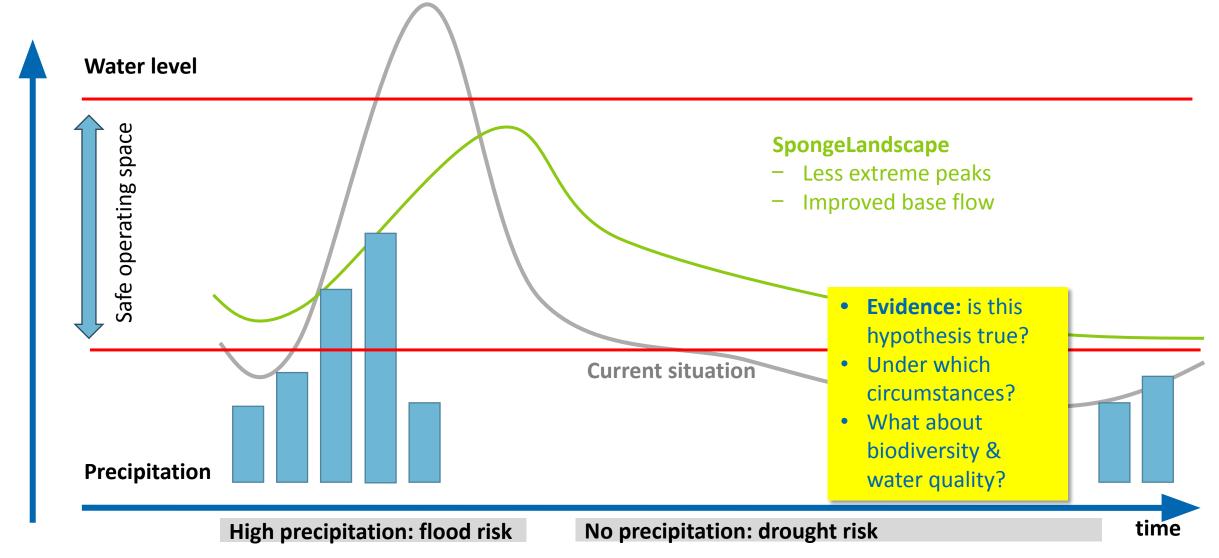








Hypothesis: Sponge landscapes at work

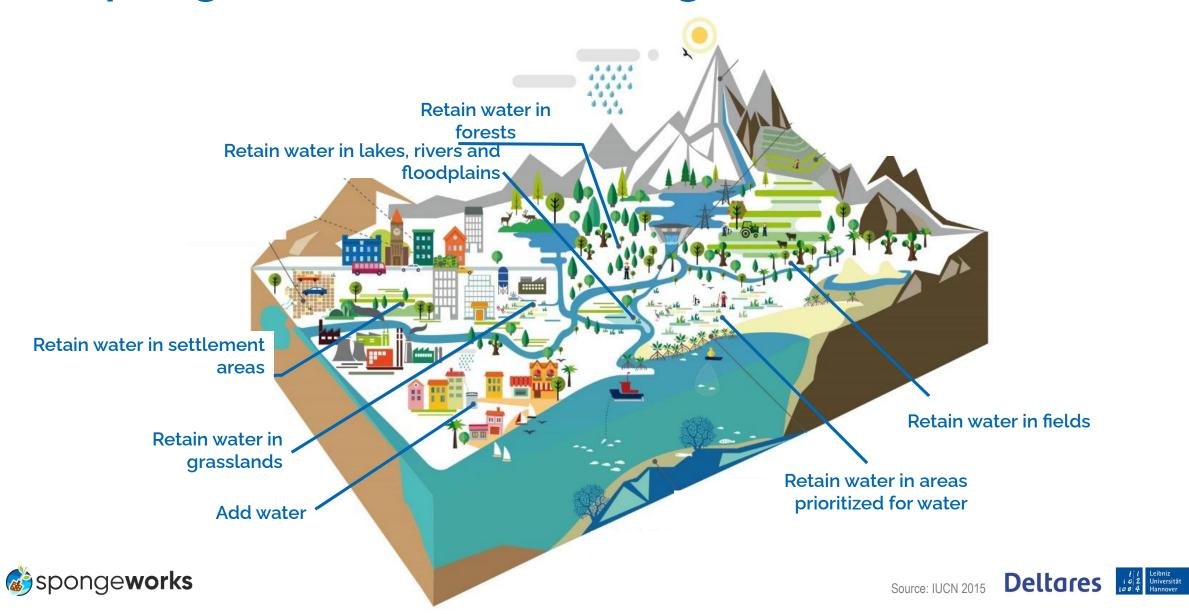


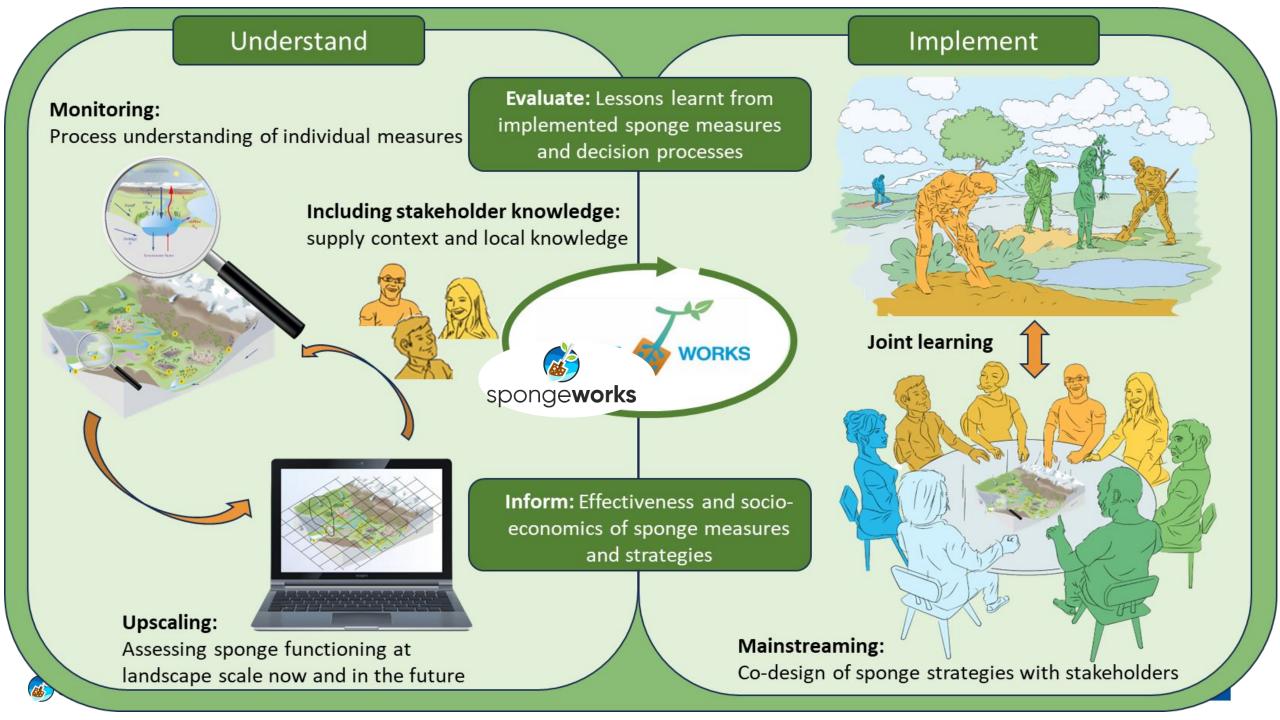




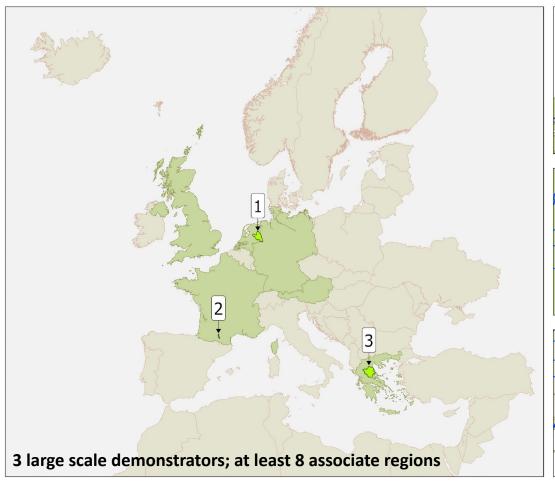


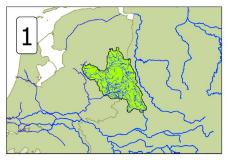
Sponge measures & strategies



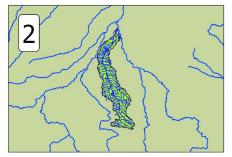


Demonstrator measures and associated regions





Vecht River Basin (167 km, 3875 km2) River, floodplain, peatland restoration, citizen awareness, groundwater recharge...



Lèze River Basin (70 km, 350 km2)
Food filtering dams, infiltration ponds, hedges, agro-ecological measures...



Pinios River Basin (213 km, 11,000 km2)

Mulching, hedges, restore terraces, ripararion forest...



Territories covered in consortium

Territories targeted with AR programme





Thank you! See: www.spongeworks.eu

Research partners

Practice partners

Knowledge partners























































































































