



Engagement

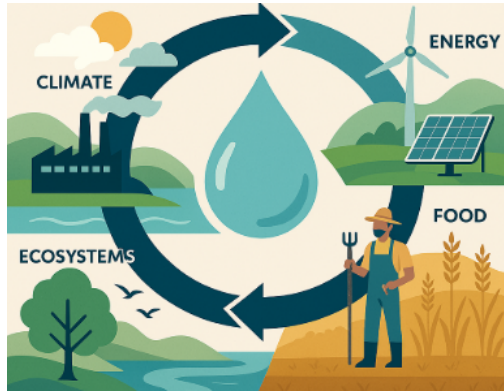
WATNex: Water Transition pathways towards the operationalization of the climate-water-energy-food-ecosystem NEXus in water-related policies

Countries	Project value (€)	% by EPSILON	€ by EPSILON	Engagement	Funding by	Date	Partners
FR, EL, MT, ES, MA, IT, JO, LB, IT, TN, MK	4.998.455	xxx	xxx	HORIZON	EU	13.02.2020	BSS, BPI, UREAD, UJI, ADAS, ENG, CRPV, FARMEUROPE, UNITO, SZIU, HYDROEX, FIBL, BIOTERRA, EPSILON, COSMOCERT, FCAC, FAZ, JKI, INIAV, NOVACERT, PP-NRI, SRUC

Description

The international community increasingly recognizes the interconnection between Water, Energy, Food, and Ecosystems, while climate change exerts growing pressures on water systems and related development sectors. The nexus system requires integrated, concerted and climate-smart actions and joint planning in order to:

- meet the daunting global challenges related to Water, Energy and Food security
- maintain the ecosystem’s health,
- reach the Sustainable Development Goals
- ensure resilience and adaptation to fast and deep global climate changes



Based on a better understanding of the nexus, WATNex would support various sectoral policies, at various scales, to make them become “nexus-compatible”.

The project overall objective is to bridge the gap between knowledge, science and policy by fostering, in a context of climate change, the operationalisation of the water-energy -food-ecosystem nexus approach in water-related or water-dependant (including indirectly) policies.

This overall objective would be achieved through development, testing and demonstration of a “WATNex Suite” gathering breakthrough and complementary tools and methodologies.

Outcome

To achieve the overall goal of the project, EPSILON and the consortium proposed to:

- Provide a comprehensive understanding of linkages and interdependencies between sectors (water, energy, food) and the ecosystem, under the pressure of climate change impacts
- Deliver concrete examples of the transfer and integration of this knowledge into national, regional and transboundary policymaking
- Ensure the acceptance, trust in, and effectiveness of policies through the engagement and collaboration of multiple stakeholders from several sectors
- Foster the implementation of the SDGs and the resilience to climate change by optimising the overall balance between water availability and quality, sustainable agriculture, food safety and security, energy security and promotion of renewables as well as preservation of the ecosystem and environment.
- Help EU becoming a world reference for water