

Welcome to the **LIFE ELEKTRA**

Newsletter

Issue #03



ELEKTRA



Project funded by **LIFE**
LIFE22-CCM-ES-LIFE ELEKTRA

Since the start of 2026, the LIFE ELEKTRA consortium has kept up steady momentum across coordination, demonstrations and outreach. This edition brings updates from our February General Assembly, recent and upcoming conference activity, and a short roundup of key European water-sector developments relevant to scaling nitrate removal, green hydrogen generation and circular water solutions.

About LIFE ELEKTRA

LIFE ELEKTRA is an EU-funded innovation project developing an integrated electrochemical denitrification system that removes nitrates from water while producing green hydrogen and recovering salts, combining technical innovation, renewable hybridisation and circular-economy principles.

Coordinated by Aguas De Valencia and working with academic, technology and industrial partners, the project pilots solutions in Spain, the Canary Islands and Malta to prove replicability and deliver environmental, social and economic benefits.



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February General Assembly



On 13th February, the full LIFE ELEKTRA consortium convened online for a General Assembly led by Aguas De Valencia. Partners reviewed technical progress, consolidated pilot plans and confirmed responsibilities for the coming months. The meeting reaffirmed the project's focus on pilot validation, replication planning, and dissemination through clusters and sector events.

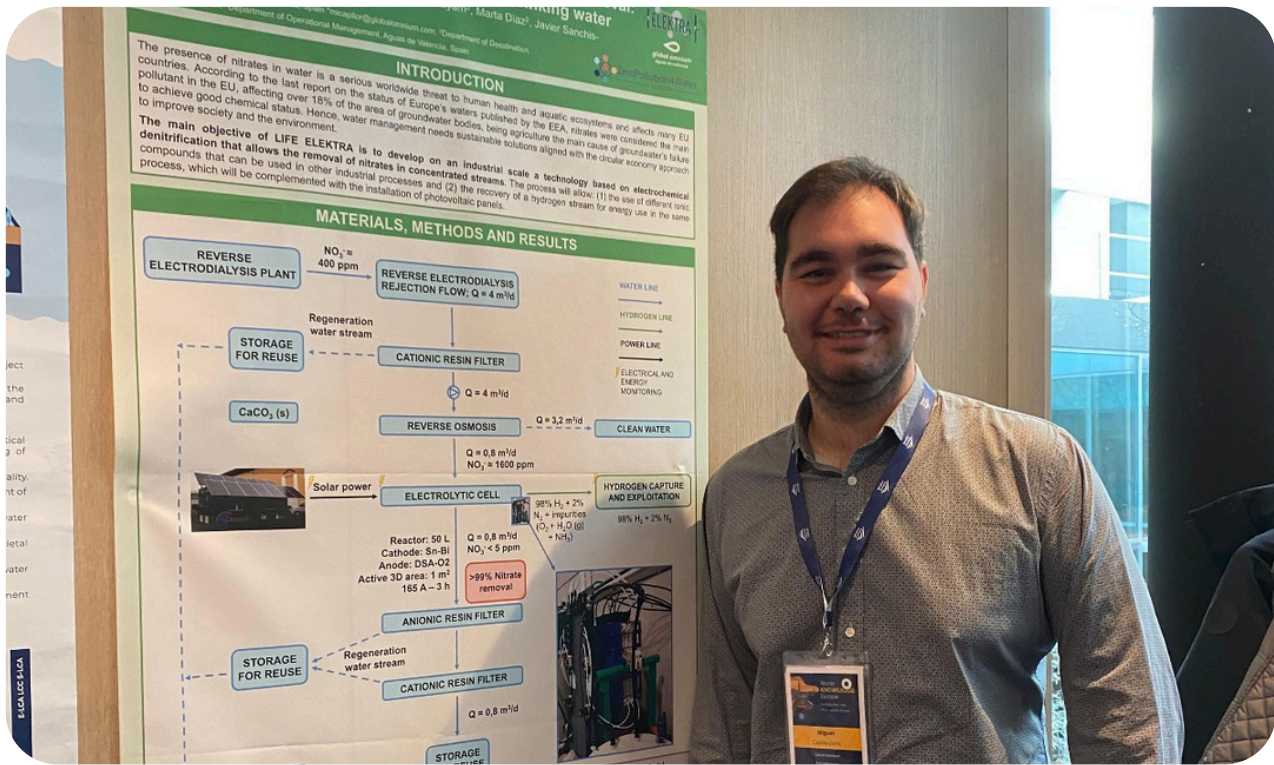
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Water Knowledge Europe Winter Edition 2025



In December, LIFE ELEKTRA representative Miguel Capilla from AVSA followed Water Knowledge Europe Winter Edition 2025, which focused on digital twins, data governance and AI for water systems. The event highlighted opportunities to link ELEKTRA's pilot monitoring data with digital platforms that improve process control, performance insight and replication readiness, also joining the gathering of the ZeroPollution4Water Cluster.

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II IWA Young Water Professionals European Conference



LIFE ELEKTRA will engage directly with the next generation at the second IWA Young Water Professionals European Conference in Milan, with a granted 15 minute presentation that will highlight the project's approach to water innovation, building links with young researchers and practitioners who will drive future uptake of circular water-energy technologies.

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Global Water Summit 2026

Delivering the Water Transition

Madrid, Spain | 18 - 20 May 2026

Despite no confirmed representation of LIFE ELEKTRA, the consortium will be closely following the Global Water Summit 2026, celebrated from the 18th to the 20th May in Madrid. GWS is the premier annual business conference for the international water sector, focusing on accelerating the water transition. Gathering 1200+ top industry leaders, it will center on financing, technology, and policy to bridge the water-investment gap and the energy transition.

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EIT Water Launch



The creation of EIT Water marks a major step to accelerate water innovation across Europe. At LIFE ELEKTRA, we welcome this initiative as an important mechanism to share demonstration evidence, access broader innovation networks and promote the uptake of circular solutions like electrochemical denitrification coupled with renewable hybridisation.

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Stricter water quality rules and continued WFD review



This period saw important EU regulatory movement: the Council adopted measures tightening protection standards for surface and groundwater, a signal that water quality requirements will remain central to permitting and technology deployment decisions. Separately, the Commission's process to review the Water Framework Directive remains active, an issue the project will monitor closely as it affects long-term policy frameworks.

[READ THE FULL STORY](#)



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