

# Power & Water Wins Global Prize for Innovation in Water (GPIW) for Cost-Effective Wastewater Treatment

Soneco® Power & Water’s sono-electrocoagulation system is gaining international recognition



## About Power & Water

Power & Water is a UK water technology company specialising in enhanced electrocoagulation for advanced water and wastewater treatment. The patented Soneco® system generates coagulant on site using metal plates, enabling controlled coagulation and solids separation without liquid chemical dosing. Systems are configured to suit site-specific water chemistry and operational requirements and are equipped with in-line monitoring to enable automated influent-responding control.

Visit our website to find out more: [powerandwater.com](https://powerandwater.com)

## GPIW Impact Winner

Power & Water was named GPIW Impact Winner in the **Cost-Effective Wastewater Treatment** Technologies category, at the Innovation Driven Water Sustainability Conference (IDWS) in Jeddah in December 2025. Selected from more than 2,570 applicants worldwide, Power & Water was among 14 global winners and one of only four invited to demonstrate its technology in Saudi Arabia.



IDWS is a leading international platform bringing together innovators, utilities, industrial operators and buyers focused on accelerating sustainable water solutions. **The Global Prize for Innovation in Water** recognises breakthrough technologies that demonstrate exceptional potential to transform global water management, sustainability and access, celebrating solutions that deliver real-world impact in water-scarce and high-demand environment.

Power & Water was recognised for Soneco®, its sono-electrocoagulation technology, which reduces reliance on delivered liquid chemicals while supporting water reuse, operational efficiency and more resilient treatment systems – priorities that align closely with Saudi Arabia’s National Water Strategy.

## In-Country Deployment and Demonstration

The award includes a \$50k cash prize and \$250k towards enabling Power & Water to undertake an in-country demonstration of Soneco®, supported by the Saudi Water Innovation Centre (SWIC). This project builds on more than 40 deployments internationally.

**Sono-electrocoagulation delivers particular value in Saudi Arabia where water treatment must be robust, selective and less chemically intensive, particularly across industrial and infrastructure-led applications.** With electricity as its primary input, Soneco® can operate from the grid or alongside renewable energy sources such as solar, supporting lower operating costs and reduced carbon intensity. Its flexibility makes it well suited to both near-term deployment and longer-term innovation pathways within the Kingdom’s evolving water ecosystem.

Designed for both centralised and decentralised water infrastructure, the technology strengthens RO pre-treatment and brine management, supporting reuse and sustainability goals. It serves municipal and industrial sectors including but not limited to construction, ground remediation, energy and petrochemical sectors, while positioning operators to meet future requirements for PFAS and emerging contaminant removal.



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## Further Recognition

Alongside its Impact Award, Power & Water has also been recognised by highly competitive climate-tech initiatives, reflecting growing international interest in lower chemical approaches to improving water reuse and operational efficiency.

The most recent is **Earth Scale 2025/26**, a UK wide, 12-month programme supporting IP-rich climate-tech companies as they strengthen manufacturing capability and commercial readiness. Power and Water is one of sixteen ventures selected from a highly competitive field.

