GLOBAL WATER AUDITS

The best of our expertise for your entire water cycle

VEOLIA

Water challenges: time for action

In the current context, the need to manage water-related risks has never been more pressing for industries. Water is no longer just a sustainability issue; it has become a direct business risk

- Operational: impacting continuity and productivity through scarcity, unstable supply, and degraded quality.
- Regulatory: requiring water sobriety plans due to stricter restrictions and allocations.
- Reputational: demanding demonstrated resilience to communities and investors, especially amid competition for local resources.

Proactive Industrial players will not only protect their value but also boost stakeholder trust, gains in operational efficiency and savings.

Inaction's financial cost –lost production, fines, delayed expansion – is estimated to be five times greater than action. But where to start? What to focus on?

Did you know ?

25% reduction in water withdrawal can be imposed on companies during a drought crisis in France (5% during a simple alert)

€2M fine for a non-compliant groundwater withdrawal in the agri-food sector in 2024

40% of G20+ jurisdictions have introduced or are introducing water-related disclosure requirements.

Your Global Water Audit Partner

ISO 46001-2019

standard for water efficiency management systems

To start off on the right foot towards a water-resilient future, we put all our sustainable value delivery expertise at your service:

- 360-degree assessment of the full water cycle, screening all users and consumption from intake to final discharge.
- Consistent step-by-step methodology for decision-making and multi-site comparison.
  - Based on Veolia's expertise, international ISO standards and industry guidelines
  - Evaluating technical, operational, and cultural risks and opportunities.
  - Recommending all possible optimization strategies using the 6R approach (Reduce, Reuse, Recycle, Recover, Replenish and Reclaim).
- Strategic deliverables ranging from water mapping to water balance and high-level reporting.
- Benchmark results and clear roadmaps detailing the impacts of the proposed scenarios against objectives and Key performance indicators agreed with you (water, chemical, energy, CO2, OPEX savings).

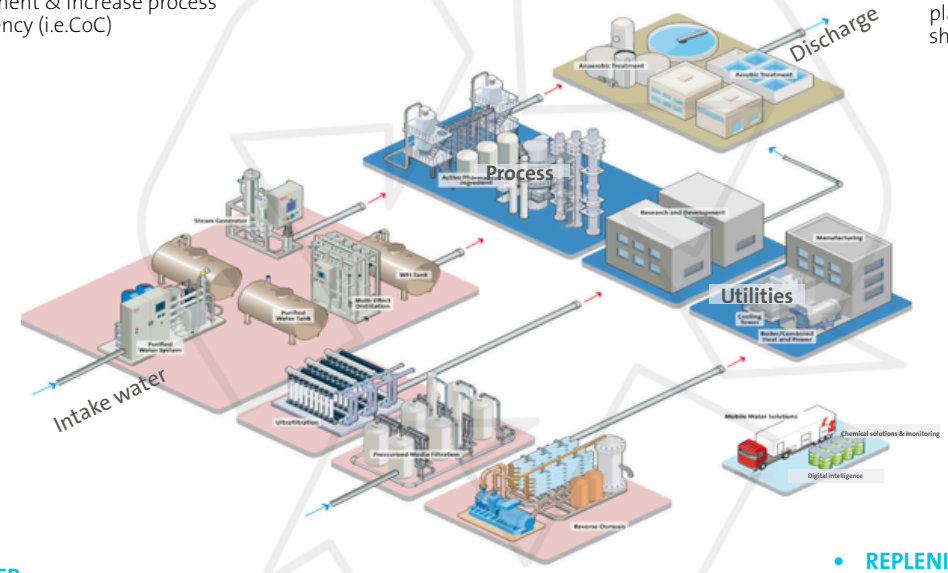
6R strategy for multifaceted benefits

- **REDUCE**

global fresh water footprint and OPEX associated with chemical, energy (whenever possible), water treatment & increase process efficiency (i.e.CoC)

- **RECYCLE & REUSE**

trade effluents for suitable users like cooling towers, scrubbers, etc. This minimises reliance on primary source of fresh water, and ensures the sustainable plant operation despite risks of water shortages or restrictions.



- **RECLAIM**

treated wastewater for acceptable users according to law and industry's restrictions to drastically reduce your ratio of withdrawn water by ton of final product and contribute to secure your operation

- **RECOVER**

valuable resources from secondary sources or by-products (rainwater, biogas from sludge methanization, recovery of metals, solvents, and chemicals from wastewater. To generate new revenue streams and reduce your environmental footprint

- **REPLENISH**

to natural sources with all guarantees to minimise your impact on freshwater resources and to improve your brand image by proving progress with Sustainable Development Goals

Why choose us ?

The Global Water Audit offer is a precise and codified methodology to help you build the best roadmap to sustainability, Total cost of ownership and resource optimization. It is the fruit of our long track record experience at the service of industrial companies worldwide.

147 audits performed since 2018 in 35 countries worldwide and 25 industy types
supported by a global network or our experts
comitted to continuous improvement of tools and assessement methdology based on return on experience

17 million cubic meters of freshwater saved worldwide annually if clients implement all proposed recommendations

34% potential fresh water savings identified per site audited between 2018-2023

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