

Strand 3: Water Policy

- **Context: a local issue**

Water is essential for life. But it is also a very important resource for industrial activities, including energy production. Faced with the risk of water shortages in several countries, in terms of quantity or quality, and the risk of conflicts of use, ENGIE seeks to continually improve its commitment to water management throughout the world.

For more than ten years, ENGIE has made a significant commitment to better water management. This process is based on ENGIE's membership of the CEO Water Mandate (a United Nations initiative), since its foundation in 2007, and on its contribution to the CDP water security questionnaire since its launch in 2011. The Group is also involved in the BAFWAC (Business Alliance for Water and Climate) initiative and supports the OECD's work on water governance. Contributing to the preservation of the oceans is also an issue on which the Group is working, particularly on potential indirect impacts.

Each year, the Group publishes a progress report as part of its participation in the CEO Water Mandate and responds to the CDP Water security questionnaire.

- **From water management to positive impact :**

A great deal of work has already been carried out in the area of water management: measurement of the water footprint of the Group's main activities, overhaul of indicators, assessment of water risk and implementation of action plans, contribution to international work such as WULCA, the Water for Energy framework or the OECD's water governance initiative.

As the Group's asset portfolio changes and stakeholder expectations increase, water management issues are evolving: While the use of water for hydroelectric power plants remains the same, new areas of engagement need to be considered, including water used in district heating and cooling systems, hydrogen production, issues related to the use of water in the supply chain (e.g. for the production of biomass resources) or access to water for ENGIE employees (WASH: Water, Sanitation and Hygiene).

Based on these developments and in line with the CEO Water Mandate (Global Compact), the Group is committed to :

- Identify water-stressed industrial sites, and develop action plans for all sites in high and very high water stressed areas
- Analyze water-related risks and opportunities in projects and implement appropriate actions
- Contribute to the improvement of water management and governance in the territories and work on the implementation of actions in consultation with the stakeholders at the scale of the catchment areas
- Implement all available technologies to reduce its impact on discharges (physico-chemical modifications, disturbance of ecosystems)
- Identify suppliers with water issues, based on the work done on the water footprint in previous years, and encourage them to develop action plans
- Integrating sustainable water management into customer services
- Initiate a process for access to water, sanitation and hygiene in the workplace

- **Objectives and commitments:**

Over the past ten years, several actions and objectives have been implemented within the Group:

- Measuring the water footprint of activities
- Achieving the target of reducing water abstraction for energy production
- Establishment of action plans for sites located in areas of extreme and high water stress in consultation with stakeholders
- Creation and animation of an internal network on water
- Contribution to the work of the CEO Water Mandate, OECD and CDP

The new targets and commitments are set for the period 2020-2030.

	<i>Targets</i>
Rate of reduction of freshwater consumption in relation to energy produced (m3/kWh)	coming soon
Establishment of environmental plans for all industrial activities (including action plans for sites located in areas of extreme or high water stress)	80% of sites by 2025 100% of sites by 2030