



Behind this fountain,
there's a commitment to
the climate

A company **committed** to ecological transition



© Patrick Sordollet

An ecological crisis and a climatic challenge oblige the world to take a new route which is more restrained, qualitative and sustainable. Eau de Paris, a few years ago already, began its way down this route, accompanying the development of organic farming and the sustaining of meadow-land in the water-supply capture territories and areas. Working as partners to the farming world, it contributes to more responsible management of water, the natural resource that we all consider to be our common asset.

Our public company is dedicated to reducing the ecological footprint generated by all our water production and distribution activities by an ambitious climate-energy plan. The plan also involves encouraging the use of tap water which is cheaper and more ecological, and by making public drinking water fountains accessible to everybody, to ensure more sustainable and all-encompassing life.

Sustainable water management, and public operators like Eau de Paris are the key players, contributes not only to offer access to safe and healthy water at the lowest cost for all but also preserves the sanitary quality of the environment, helps preventing flooding and fighting heat waves ...

Water has a direct impact on the resilience of cities for coping with climate change: water management and urban development are closely linked, requiring an overall approach, and a global and long-term vision. It is the *raison d'être* of Eau de Paris, a committed and innovating public service, dedicated to the Parisians today and for the future generations. ■

CÉLIA BLAUDEL

Chairwoman of Eau de Paris,
Deputy Mayor of Paris, in Charge of the Environment,
Sustainable Development, Water, Canal Policy and
“Territorial Climate Energy Plan”

Tap water, for a responsible consumption

7 kg/home/year
is the quantity of waste that can be avoided
by consuming tap water*



Totem fountain © Béryl de La Chevassnerie

€1.77/year
is the cost of 1.5L of tap water
consumed every day

Eau de Paris, at all times and throughout Paris, supplies high quality water at the lowest price, accessible to all. This water is available at home, at the place of work and leisure, or in public spaces through 1200 drinking fountains; tap water is more ecological and economical, representing the ideal of what a sustainable consumption product can be.

Drinking tap water is a way to reduce waste at the root and to avoid the use of pointless packaging which elimination weighs so heavily on the carbon footprint. It is also a way to make savings, thanks to water's low cost.

Eau de Paris encourages responsible consumption: promoting the value of tap water in schools and among the young, targeting actions on the less well-off, supplying of water during

major cultural and sporting events ...

These are all opportunities of proving that tap water is a natural everyday resource for people wishing to consume responsibly. ■

To accompany tap water consumption at the home, at work or in the street, Eau de Paris has designed a range of flasks, jugs and bottles that are attractive, practical and ecological. These items are available from the Eau de Paris shops or from the online shop. For more information: www.eaudeparis.fr



*ADEME 2009 and INSEE 2011 (calculated averages)

Resource protection, acting ahead

The protection of underground and river water improves the quality of water resources but also preserves the common natural heritage and the landscape.

Farming has an untold impact on aquatic media in terms of resources' quality and quantity, but also biodiversity. Climate change, which could lead to more intense and frequent periods of drought, is an aggravating factor for the future of our water resources. Out of the 240,000 hectares of water supply and catchment areas it manages, in the east and west of the Paris basin, Eau de Paris is helping redirecting farming methods toward a more sustainable and virtuous model, building partnerships with the farmers. This is a medium and long term project, essential not only to protect water quality but also to anticipate and adapt to climate change. It is a win-win approach: not only does it enable Eau de Paris to improve the quality of the caught water and eventually reduce its cost and the environmental impact of its treatment, but it also supports the conversion of farms toward methods more respectful of the natural environment and producing higher quality produce.

In the field, in concrete terms, Eau de Paris purchases farmland plots and makes them available to farmers by means of rural environmental leases. This also leads to actions encouraging organic farming methods or farming with low chemical inputs, working hand-in-hand with the local stakeholders and the Basin Agency. ■

Eau de Paris also works with local industries and communities to improve river water quality. In particular, it supports the Phyt'Eaux Cités programme aimed at decreasing the use of pesticides in non-farming areas.

102 catchment points
137 farmer partnerships
10,160 hectares practising
sustainable or organic farming



Water catchment area of Bourron © Gilles Targat

Water and energy, in preparation for the future

4,000 m² of photovoltaic panels
in operation on Eau de Paris installations



Only plant's photovoltaic panels
© Eau de Paris

17,500 MWh of geothermal energy for the ZAC
Clichy-Batignolles from 2016

Eau de Paris is at the head of an inherited system of aqueducts and installations, sometimes century-old, representing ecology ahead of its time. By using the gravitational force of the land's topography, the supply system in Paris is of outstanding technical quality and consumes very little energy.

However, like any industrial activity, water production and distribution have an impact on the environment. That is what prompted Eau de Paris to sign in October 2014, with the city of Paris, the Paris Action Climate partnership charter and draw up a climate-energy plan with goals operational by 2020.

First of all, the company's carbon footprint has to be reduced. Eventually, Eau de Paris intends to use 100% green electricity for its industrial processes. All the other vectors of energy consumption, like transportation and buildings, are also concerned.

With the stakeholders operating in the Paris and Metropolitan areas, Eau de Paris is committed to mobilise the advantages that water resources represent to produce renewable energy. There is enormous potential, whether in the field of geothermal techniques or for building air conditioning systems. ■

Commitments

- reducing greenhouse gas emissions,
- reducing energy consumption,
- increase the share of renewables in total energy consumption
- Eau de Paris, a key player in the territory: to avoid CO₂ emissions through renewable energies production, thanks to water heritage assets.

Non-potable water for a **more resilient city**



Since the end of the 19th century, Paris has disposed of a double water network. The system, unique in terms of its scale and age, enabling the city to adapt water quality to its uses and needs: a drinking water network for human consumption and a non-drinking water network for urban services (watering parks and gardens, cleaning streets and drains etc.) and industrial uses consuming great amounts of water such as laundries or cleaning companies. The non-potable water system is supplied from the Ourcq canal and the Seine. It is a precious tool to cope with climate change, allowing restrained and rational use of the resources. Eau de Paris maintains and develops it.

The use of non-drinking water is part of the action plan to adapt to climate change in Paris and could

be particularly valuable for cooling the city, for instance during heat waves.

Experiments have actually proved the ecological and energy potential of the network, especially for building heating and air conditioning.

In these times of climate change fight and of the need to preserve the natural resources, the non-drinking water network, a heritage concealed under the cobblestones of the city, is an inestimable advantage for Paris. ■

Eau de Paris, the biggest **public water** enterprise in France

Eau de Paris is the public company in charge of producing and distributing water in Paris. As the sole contact for users and subscribers, Eau de Paris is in charge of the entire water circuit, from the catchment to the tap of consumers.

Our commitments

Our basic principle: water, common good for humanity, needs to be managed in a responsible way according to long term social, environmental, technical and economic criteria.

Open governance: the Board of Directors consists of council members, staff representatives and representatives of consumer and environmental protection associations.

Access to water for everybody: Eau de Paris distributes water at a fair price, accessible to the greatest numbers.

High quality water: the Eau de Paris analysis and research laboratory performs 1 million quality measurements per year.

An activity respectful of the environment: Eau de Paris operates every day to preserve the natural environment and the biodiversity. ■

Eau de Paris in figures ...

- 925 employees
- €3.2814 tax inclusive: the price per cubic metre of water on 1 January 2015
- 470 km of aqueducts: la Vanne , le Loing and l'Avre
- 6 treatment plants and 5 drinking water reservoirs
- 3 production plants and 8 non-drinking water reservoirs
- Average daily production of 550,959 m³ of drinking water
- 2,050 km of drinking water piping
- 1,700 km non-drinking water piping
- 91.4% network performance for the drinking water network (national average 80%)
- 1,200 public drinking water distribution points in Paris.





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Appel non surtaxé



Eau de Paris est certifiée ISO 9001/2008
ISO 14001/ 2004 et OHSAS 18001/2007
pour l'ensemble de ses activités liées à la
production, au transport et à la distribution de
l'eau potable. Eau de Paris a reçu le label diversité
au titre de son engagement dans la lutte contre
toutes les formes de discriminations
dans le milieu professionnel.

Rejoignez-nous sur

