

SUEZ STEPS UP THE COLLECTION AND RIVER TRANSPORT OF WASTE IN URBAN ZONES

➤ A LOCAL AND ENVIRONMENTALLY-FRIENDLY SERVICE

SUEZ is keenly aware of the need to manage and recover waste in France's major cities, which is the reason why it is developing the collection and river transport of waste in urban zones as an alternative solution. Several regions in France have been testing the transportation of waste by inland waterways since 2007. This economical means of transport addresses environmental issues and provides an innovative solution to waste management in urban zones.

This alternative means of transport addresses several issues that are decisive for sustainable cities:

- **The circular economy:** the different types of waste are transported to the appropriate material, energy or organic recovery platforms.
- **The energy transition:** some of the means of transport are already entirely powered by green and renewable energy.
- **Urban waterway logistics:** manufacturing and port facilities consolidate their role in the city by contributing to economic development, the appeal of the city and sustainability.
- **Employment:** the creation of new collection points and the development of river transport help to create new jobs in the regions.

On average, a river-going convoy of two barges carries 5,000 tonnes, or the equivalent of five trains or 250 trucks. They consume 3.7 times less fuel than trucks and produce four times less pollution¹. As a consequence, the development of this ecological means of transport figures in the sustainable development strategy adopted by SUEZ, alongside rail transport, which the Group uses to carry waste in the Paris region in particular.

- **In Lyon**, SUEZ and its partners² recently inaugurated "River'Tri", a river-borne mobile waste sorting centre that provides the inhabitants of Lyon city centre with a local service to manage their waste, ranging from bulky articles, to furniture, metals, WEEE (household appliances, computers, etc.) and even textiles. This new service, which is available every Saturday from 9am to 5pm on the Quai Fulchiron in Lyon's 5th arrondissement, aims to bring a waste collection facility close to the residents of this dense urban environment, without occupying any scarce and expensive real estate. It also contributes to better urban waste management and helps to reduce the volume of traffic on the city's roads by replacing 16 waste collection trucks in the city centre. In this way, the service also reduces congestion, noise pollution and CO₂ emissions. "River'Tri" has also created five to six new jobs.
- **In Bordeaux**, the city authorities and SUEZ tested the collection by barge of the final and recoverable waste and the glass from the river- and sea-going vessels moored in the Port of the Moon. The collection and transportation of the waste on the Garonne River to the treatment centre in Bègles addresses the Bordeaux city authorities' environmental and safety concerns, at a time when cruise activity and river tourism are growing strongly in the Port of the Moon.
- **In Greater Paris**, waterways are one of the solutions that SUEZ is offering to the region's authorities. SUEZ is developing the chartering and river transport of waste, in particular waste from the construction industry, household waste or non-hazardous industrial waste. SUEZ uses all the inland waterways in the Paris basin and beyond every day to carry waste as far as the port of Le Havre where it is recovered.

¹ According to the eco-comparator developed by the French inland waterways authority

² River'Tri is the fruit of the collaboration between four partners with close-fitting skill sets: SUEZ, La Compagnie Fluviale de Transport (CFT), La Compagnie Nationale du Rhône (CNR) and Voies navigables de France (VNF).

According to Philippe Maillard, CEO of SUEZ Recycling and Recovery France, *“The transportation of waste by river is a solution for the future. It is environmentally-friendly, perfectly integrated in the urban environment and convenient for residents. This solution fits in perfectly with our ambition to develop the circular economy and alternative means of transport, for more responsible waste management. To date, SUEZ has transported almost 1.7 million tonnes of waste by river”*.

River transport uses the logistical assets of densely populated regions crossed by a waterway to offer an alternative solution that helps towns and cities to recover more waste, while consuming less energy. An innovative solution for the sustainable city of the future.



The mobile River'Tri waste collection unit in Lyon
(©JC Dortmann)



Collection and transportation of waste in Bordeaux
(©Anne Lanta)

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SUEZ

We are at the dawn of the resource revolution. In a world facing high demographic growth, runaway urbanisation and the shortage of natural resources, securing, optimising and renewing resources is essential to our future. SUEZ (Paris: SEV, Brussels: SEVB) supplies drinking water to 92 million people, delivers waste water treatment services to 65 million, collects waste produced by almost 34 million, recovers 16 million tons of waste each year and produces 7 TWh of local and renewable energy. With 82,530 employees, SUEZ, which is present on all five continents, is a key player in the sustainable management of resources. SUEZ generated total revenues of €15.1 billion in 2015.