



France Recycling and Recovery

## communiqué de presse

Paris, 30 November 2015

**SUEZ consolidates its position on the waste-to-energy market in France with the renewal of the contract to operate the energy recovery unit in the city of Caen, plus three other contracts in Brittany and the Paris region, worth a total of c. €400 million.**

SUEZ and the SYVEDAC<sup>1</sup> have renewed their industrial partnership for the operation of the waste-to-energy unit in Colombelles near Caen, by signing a 15-year contract worth a total of €120 million. The contract provides for the development of the performance and the energy mix of the unit, with a view to producing more green energy and supplying new customers with electricity and steam. The renewal of this contract follows the contracts that SUEZ recently signed in Carhaix, Lamballe and Argenteuil.

Under the terms of the contract with the SYVEDAC, SUEZ will recover 120,000 tonnes per year of waste collected exclusively in local communities. Thanks to the use of a thermo-dynamic cycle<sup>2</sup> for the first time in this type of facility in France, the waste-to-energy unit will produce:

- enough electricity to meet local needs and to cover 80% of the site's own needs
- steam used for urban heating in the locality of Hérouville-Saint-Clair (10,500 dwellings) and, ultimately, to heat market gardening greenhouses.

The energy recovery rate will reach 98%, delivering 252,000 MWh of green energy every year.

*"I am delighted by the renewal of our cooperation with Colombelles and by the faith that the SYVEDAC has shown in the know-how of our waste-to-energy experts. This partnership consolidates the Group's position in the energy transition in France, where it now operates 36 waste-to-energy units. Our Group has confirmed its role as a key player in the energy transition*

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<sup>1</sup> Syndicate for the recovery and disposal of household waste of the city of Caen

<sup>2</sup> In this cycle, a condensable fluid is cooled at a pressure and a temperature that are sufficient to completely liquefy it before compression. The compressed liquid is vaporised, and may be superheated by heat exchange with the heat source in a boiler, and then condensed.

*in the regions, in particular by transforming waste into renewable local resources, while avoiding CO<sub>2</sub> emissions," declares Philippe Maillard, SUEZ's Managing Director of Recycling and Recovery activities in France.*

This contract is the latest addition to the numerous partnerships between the Group and local authorities in western France and the Paris region that have recently been renewed.

**In Carhaix (Finistère)**, the SIRCOB<sup>3</sup> has again called on SUEZ to operate its waste-to-energy unit for 10 years under the terms of a €25 million contract. SUEZ is improving the energy performance of the site, which reuses almost 30,000 tonnes of waste per year, by starting up a heat supply network that will meet 20% of the energy needs of SYNUTRA, the largest milk dehydration plant in France.

**In Lamballe (Côtes d'Armor)**, Kerval Centre Armor<sup>4</sup> has renewed a €25 million contract with SUEZ for the operation of the plant in Planguenoual for eight years. The plans to develop the site will increase the reuse of waste to produce energy in order to generate an additional 58,000 MWh per year that will supply thermal energy to local agricultural projects and cover all the plant's own energy needs.

**In the Paris region**, the AZUR syndicate<sup>5</sup> confirmed its cooperation with SUEZ under the terms of an €227 million public service delegation contract for the Argenteuil waste-to-energy unit for another seven years. Household and industrial waste will be transformed into electricity, heat and steam<sup>6</sup>, and the performance of the plant will be improved with a 15,000 tonnes-per-year increase in the authorised maximum treatment capacity that aims to supply more thermal energy to the urban heating network.

As a player in the circular economy, SUEZ operates 57 waste-to-energy units in Europe, of which 36 are in France, representing an installed power capacity of 868 MW. In 2014, SUEZ's recycling and recovery activities in France produced more than 2 million MWh of heat, equivalent to the consumption of 368,000 inhabitants, and more than 1.5 million MWh of electricity, equivalent to the consumption of 620,000 inhabitants.

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<sup>3</sup> The central Brittany sanitation syndicate, which includes 77 localities.

<sup>4</sup> This syndicate has replaced the SMETTRAL and the other three treatment syndicates in the centre of the Côtes d'Armor department (the Les Châtelets syndicate, the Penthièvre Mené syndicate and the Launay Lantic syndicate).

<sup>5</sup> The AZUR syndicate is made up of inter-locality cooperation establishments from the Argenteuil-Bezons community and the Parisian urban community, including the localities of Corneilles-en-Parisis and La Frette-sur-Seine, representing a total of 161,059 inhabitants.

<sup>6</sup> 100,000 MWh/year and 70,000 MWh/year of electricity supplied to the network, 54,000 MWh/year of heat and 12,000 MWh/year of steam.



The Colombelles unit near Caen. ©SYVEDAC

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#### **About 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 wastewater treatment services to 65 million, collects waste produced by almost 50 million, recovers 14 million tons of waste each year and produces 5,138 GWh of local and renewable energy. With 80,990 employees, SUEZ, which is present on all five continents, is a key player in the sustainable management of resources. SUEZ generated total revenues of €14.3 billion in 2014.