

Press release



Paris, November 22nd, 2024

Inauguration of the BIOSYNERGY biomass/SRF plant: SUEZ and Vauban Infrastructure Partners invest in decarbonised local energy production from waste



BIOSYNERGY site

SUEZ, Vauban Infrastructure Partners (via the BTP Impact Local fund), the Normandy region and ADEME today inaugurated the BIOSYNERGY plant, which produces energy from biomass and SRF¹. Located within the Le Havre Seine Métropole region – in Le Havre port, specifically the industrial zone managed by HAROPA PORT – the facility is an innovative piece of infrastructure that is an essential step as part of the region’s energy transition and the development of the circular economy.

Sabrina Soussan, Chairman and CEO of SUEZ said: *“The BIOSYNERGY biomass/SRF plant illustrates SUEZ’s expertise in generating local, sustainable energy from waste. At SUEZ, we believe that our waste is first and foremost a resource. It’s with great pride that we’re inaugurating this flagship facility, which is an excellent example of regional co-operation. This project is proof that we can really create value from waste for the people and industry of Normandy.”*

Mounir Corm, Founding Partner of Vauban Infrastructure Partners, added: *“Alongside SUEZ and all local and regional public-sector partners, Vauban Infrastructure Partners is proud to support BIOSYNERGY’s circular economy model, which is helping to drive the region’s energy transition. The project illustrates the crucial contribution that the private sector is making to these important matters, through long-term partnerships with all stakeholders.”*

A circular solution for the decarbonisation of the region

BIOSYNERGY is a pioneering energy recovery facility that addresses two of the Normandy region’s

¹ SRF: solid recovered fuel

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key aims: sending less waste to landfill and increasing production of renewable energy, in accordance with the targets of France's Energy Transition for Green Growth Act (LTECV)².

The facility produces heat in the form of water vapour from 90,000 tonnes of non-recyclable waste, wood waste and SRF per year. The site will generate 300,000 MWh of energy per year, which will be fed into the Le Havre urban heating network – heating the equivalent of 24,000 homes – and will also be used by local manufacturers. Through that process, 50,000 tonnes of CO₂ will be avoided every year compared with burning fossil fuels, helping to decarbonise the region.

The project has benefited from a BCIAT (biomass heating for the manufacturing, agriculture and tertiary sectors) subsidy and financial support from the Normandy region.

By treating residual waste locally and converting it into energy, this infrastructure will enable the use of landfill to be reduced, while helping to meet the national target of carbon neutrality by 2050.

A short, local supply chain for producing SRF and recovering energy from it

The solid recovered fuel (SRF) used in the BIOSYNERGY boiler is prepared locally at SUEZ's TriNergy site in Rogerville, only a few kilometres from the plant.

The TriNergy unit is located at a former manufacturing site that has undergone remediation work and is a model for converting industrial land to serve the local circular economy. The TriNergy site takes in non-hazardous industrial and commercial waste, sorts it, removes the metal and shreds it, in order to produce high-quality SRF. Together with non-recyclable wood waste, that SRF is the fuel that powers the BIOSYNERGY plant.

A strong commitment to Normandy and a major step forward for the circular economy

BIOSYNERGY is an innovative project that is playing a strategically important role in the Normandy region's environmental transition and boosting its economy, in accordance with the region's sustainability policies. The project has attracted investment of €85 million, made possible by contributions from SUEZ and Vauban Infrastructure Partners (via its BTP Impact Local fund), subsidies from ADEME and the Normandy region, and the support of banks led by Caisse d'Epargne Normandie (CEN) and Caisse d'Epargne Ile-de-France (CEIDF).

The inauguration of the site was attended by:

- **Hervé Morin**, President of the Normandy Region
- **Edouard Philippe**, Mayor of Le Havre and President of the Le Havre Seine Métropole region
- **Alban Bruneau**, Mayor of Gonfreville-l'Orcher
- **Guillaume Lefrançois**, Deputy Regional Head of ADEME Normandie
- **Sabrina Soussan**, Chairman and CEO of SUEZ
- **Mounir Corm**, Founding Partner of Vauban Infrastructure Partners

This project represents a strong commitment to the circular economy, enabling the recovery of the region's residual waste. The BIOSYNERGY site is a model of territorial cooperation and mobilisation of local resources to meet environmental challenges while strengthening Normandy's energy sovereignty.

² Target of reducing waste sent to landfill by 50% by 2025, sending zero non-hazardous non-recyclable waste to landfill, and encouraging the production of renewable energies.

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BIOSYNERGY plant: key figures

- **Processing capacity:** 90,000 tonnes of solid recovered fuel (SRF) and biomass per year
- **Energy production:** 300,000 MWh per year.
- **GHG (greenhouse gas) impact:** 50,000 tonnes of CO₂ avoided per year.
- **Helping the effort to stop sending waste to landfill**
- **Local impact:** reduction in carbon emissions related to the region's heating networks and manufacturing sector, along with the creation of 45 jobs

About SUEZ:

Faced with growing environmental challenges, SUEZ has been delivering essential services that protect and improve our quality of life for more than 160 years. SUEZ provides its customers with innovative and resilient solutions for water and waste services. With 40,000 employees across 40 countries, the Group works with customers to create value over the full lifecycle of their assets and services, and to drive their low carbon transition. In 2023, SUEZ provided drinking water for 57 million people worldwide and sanitation services for more than 36 million people. The Group generated 7.7 TWh of energy from waste and wastewater. In 2023, SUEZ generated revenues of €8.9 billion. For more information: www.suez.com / X @suez / LinkedIn @SUEZ.

About Vauban Infrastructure Partners:

Vauban Infrastructure Partners is a leading infrastructure asset manager focused on European core infrastructure investments. With headquarters in Paris and subsidiaries in Luxembourg and New York, as well as a branch in Munich, the firm comprises 76 professionals, many of whom have worked together for over a decade. Vauban targets predominantly European brownfield mid-market assets pursuing a long-term yield-driven strategy matching the underlying nature of assets and long-term commitment to all stakeholders' interests through a strong focus on creating sustainable value. Vauban has raised over €9 billion across 8 funds in core infrastructure from over 100 investors within 19 different countries and has invested in over 70 assets in mobility, energy transition, social & digital infrastructure across 15 different geographies. <https://vauban-ip.com/>

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