

# Visit to a Biomethane facility: the Sustainable Fuel Plant Zeeland

26 October 2023

## Visit Programme

**09:00** – Departure on a **Biomethane bus** from The Egg to SFP Zeeland

**11:00** – Arrival to SFP Zeeland and welcome.

**11:15** – Plant visit in different groups.

**12:15** – Q&A and lunch.

**14:00** – End of the visit and bus departure to The Egg, Brussels.

**16:00** – Arrival to The Egg.

## Important notice

This activity is for registered participants only.

**Meeting point:** The bus that will bring the participants to the brewery will be parked outside the conference venue The Egg (Rue Bara 175, 1070 Brussels).

**Departure:** The bus will leave at 9.00 am. Participants are therefore requested to be on time.

**Arrival:** The estimated arrival time back at Brussels will heavily depend on the traffic on that day, and could take between 1h30-2h. Participants taking a flight on the same day should keep this information in mind.

## CONTACT

If you have any question about this visit, please contact Ana Pérez, Event manager at [perez@europeanbiogas.eu](mailto:perez@europeanbiogas.eu)

## About SFP Zeeland, Westdorpe

SFP Zeeland, located in the province of Zeeland in the Netherlands, is a state-of-the-art facility dedicated to producing renewable, high-quality biomethane from manure and organic residual materials.

## Plant design

The storage capacity at SFP Zeeland, Westdorpe can accommodate large quantities of both liquid and solid feedstock, ensuring a steady supply of raw materials for the biogas production process. The liquid feedstock is stored in large tanks with a combined capacity of over 40.000 m<sup>3</sup>. The tanks are equipped with monitoring and control systems to ensure that the feedstock is stored safely and efficiently.

Similarly, the solid feedstock is stored in specially designed bunkers with a combined capacity of over 15.000 m<sup>3</sup>. The bunkers are carefully constructed, and the feedstock is monitored regularly to ensure that it remains in optimal condition for use in the biofuel production process.

## Feedstock

The large capacity digesters – 9 digester tanks of 10.000 m<sup>3</sup> each – are capable of handling a wide range of organic waste materials. This allows to offer a comprehensive waste management solutions that not only produces biomethane but also reduces waste and carbon emissions.

## Key figures production

One of the key features of SFP Zeeland is its remarkable uptime. The plant boasts an impressive 99% uptime, meaning that it operates almost continuously, with very little downtime for maintenance or repairs. This exceptional level of reliability ensures that the plant is able to produce a consistent supply of biomethane.

- 400,000 m<sup>3</sup> of feedstock input (with a minimum of 50% manure)
- 7,000 m<sup>3</sup> of biogas per hour
- 5,000 m<sup>3</sup> of biomethane per hour (37 million Nm<sup>3</sup> per year)
- 20 kilotons per year of CO<sub>2</sub> liquefaction

More about the SFP: [Sustainable Fuel Plant B.V.](#)

