

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

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 m³. 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 m³. 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 m³ 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 m³ of feedstock input (with a minimum of 50% manure)
- 7,000 m³ of biogas per hour
- 5,000 m³ of biomethane per hour (37 million Nm³ per year)
- 20 kilotons per year of CO₂ liquefaction

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

