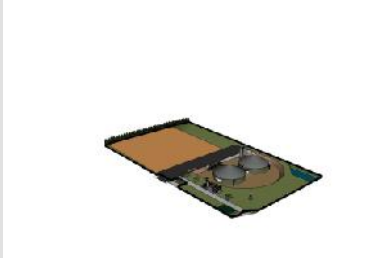


Reference Projects

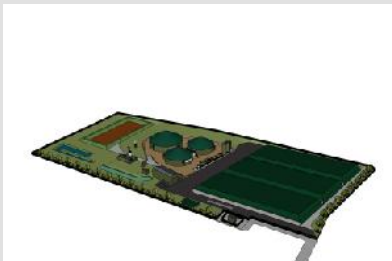
HZI BioMethan

in chronological order



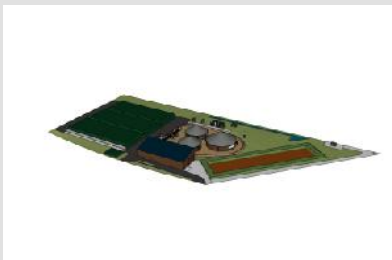
FR, Missy-lès-Pierrepont

Start of operation	2022	In planning phase
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



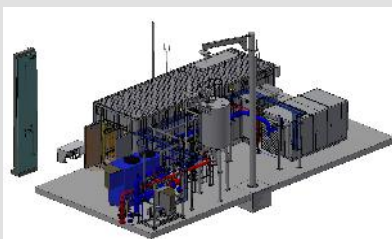
FR, Voulton

Start of operation	2022	In planning phase
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



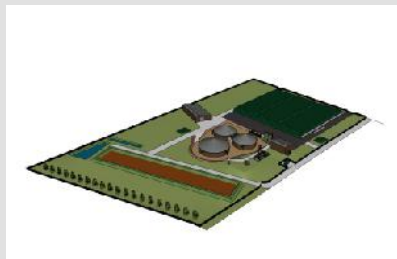
FR, Saint-Martin-du-Boschet

Start of operation	2022	In planning phase
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 600 Nm ³ /h 300 Nm ³ /h Biomethane for gas-grid injection



DE, Leuna

Start of operation	2022	In planning phase
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Amine Scrubbing Biogas from Sewage Sludge 1'000 Nm ³ /h 700 Nm ³ /h Biomethane for gas-grid injection



FR, Tremblay-les-Villages

Start of operation	2022	In planning phase
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Saignacq-et-Muret

Start of operation	2022	In planning phase
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	600 Nm ³ /h
	Hourly Biomethane Production	300 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



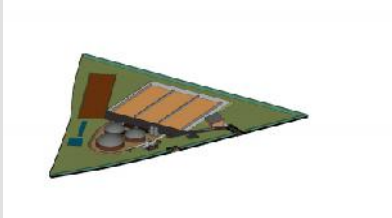
FR, Vinantes

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	400 Nm ³ /h
	Hourly Biomethane Production	200 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Réau

Start of operation	2021	In planning phase
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Mont-I'Evêque

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 600 Nm ³ /h 300 Nm ³ /h Biomethane for gas-grid injection



FR, Chauconin-Neufmontiers

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



FR, Boutigny-sur-Essonne

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



FR, Pouan-les-Vallées

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



FR, Trancault

Start of operation	2021	In planning phase
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 600 Nm ³ /h 300 Nm ³ /h Biomethane for gas-grid injection



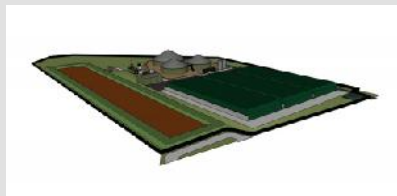
FR, Coulombs-en-Valois

Start of operation	2021	
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



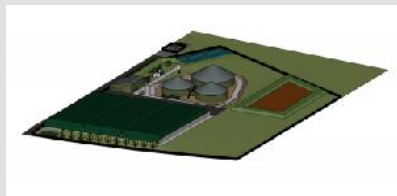
FR, Avon-la-Pèze

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



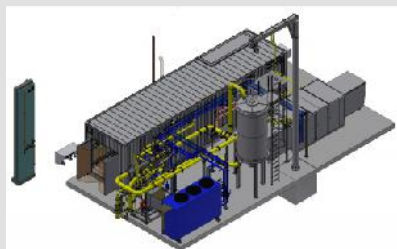
FR, Saint-Jean-d'Illac

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 600 Nm ³ /h 300 Nm ³ /h Biomethane for gas-grid injection



FR, Prémierfait

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester	2 2'300 m ³
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 600 Nm ³ /h 300 Nm ³ /h Biomethane for gas-grid injection



FR, Saint-Laurent-Médoc II

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 600 Nm ³ /h 300 Nm ³ /h Biomethane for gas-grid injection



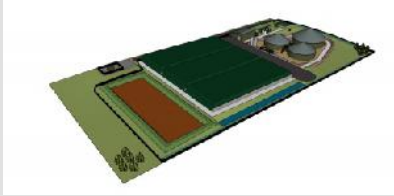
FR, Bar-sur-Seine

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



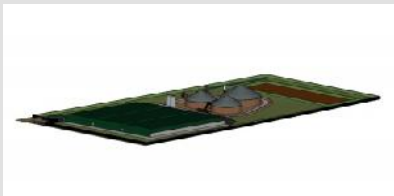
FR, Saint-Mesmin

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s) Net volume per digester Digester Type	2 2'300 m ³ Wet AD
Gas Upgrading	Technology Input Gas Plant Capacity Hourly Biomethane Production Biomethane Usage	Membrane Technology Biogas from Agricultural Residues 500 Nm ³ /h 250 Nm ³ /h Biomethane for gas-grid injection



FR, Chapelle-Vallon

Start of operation	2021	In construction
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	600 Nm ³ /h
	Hourly Biomethane Production	300 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Charny

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Saint-Germain

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	400 Nm ³ /h
	Hourly Biomethane Production	200 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Les-Grandes-Chapelles

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	600 Nm ³ /h
	Hourly Biomethane Production	300 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



US, Escondido

Start of operation	2020	In construction
Gas Upgrading	Technology	Membrane Technology
	Plant Capacity	1'000 Nm ³ /h
	Hourly Biomethane Production	500 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Herpy-l'Arlésienne

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	600 Nm ³ /h
	Hourly Biomethane Production	300 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



SE, Jönköping

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	1'500 m ³
	Waste Type	Bio Waste, Food Waste, Grease sludge, Green Waste, Production Waste
Gas Upgrading	Waste Throughput per Year	40'000 t/a
	Technology	Membrane Technology
	Input Gas	Biogas from Green Waste & Bio Waste
	Plant Capacity	717 Nm ³ /h
	Hourly Biomethane Production	430 Nm ³ /h
	Biomethane Usage	Biomethane Filling Station, CNG



FR, Trouy

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	1
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	300 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Yversay

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Neuville-Saint-Amand

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Bucy-le-Long

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Saint-Aubin

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Messy

Start of operation
Anaerobic Digestion

Gas Upgrading

2020
Number of Digester(s)
Net volume per digester
Digester Type
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

2
2'300 m³
Wet AD
Membrane Technology
Biogas from Agricultural Residues
600 Nm³/h
430 Nm³/h
Biomethane for gas-grid injection



CA, London

Start of operation
Gas Upgrading

2020
Technology
Input Gas

Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Green Waste & Bio Waste
1'200 Nm³/h
800 Nm³/h
Biomethane for gas-grid injection

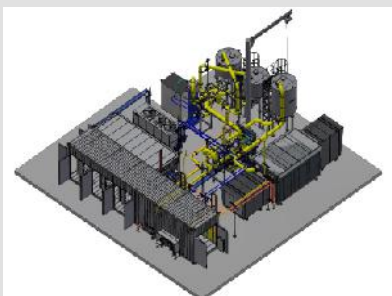


DK, Vrå

Start of operation
Gas Upgrading

2020
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Agricultural Residues
900 Nm³/h
500 Nm³/h
Biomethane for gas-grid injection



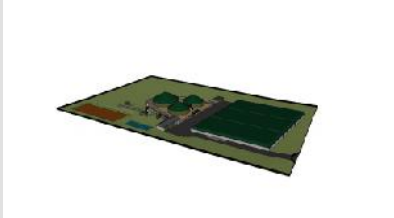
GB, Aberdeenshire

Start of operation
Gas Upgrading

2020
Technology
Input Gas

Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Green Waste & Bio Waste
1'200 Nm³/h
680 Nm³/h
Biomethane for gas-grid injection



FR, Chalandry

Start of operation	2020	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Saint-Laurent-Médoc

Start of operation	2019	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Payns

Start of operation	2019	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



DE, Hamburg

Start of operation	2019	
Gas Upgrading	Technology	Amine Scrubbing
	Input Gas	Biogas from Sewage Sludge
	Plant Capacity	1'500 Nm ³ /h
	Hourly Biomethane Production	930 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Audenge

Start of operation	2018	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Cernay

Start of operation	2018	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Fère-Champenoise

Start of operation	2018	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



DE, Grabsleben II

Start of operation	2018	In construction
Gas Upgrading	Technology	Amine Scrubbing
	Input Gas	Biogas from Energy Crops
	Plant Capacity	700 Nm ³ /h
	Hourly Biomethane Production	350 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



DE, Parum

Start of operation
Gas Upgrading

2018

Technology
Input Gas

Amine Scrubbing
Biogas from Green Waste & Bio Waste

Plant Capacity
Hourly Biomethane Production
Biomethane Usage

700 Nm³/h
400 Nm³/h
Biomethane for gas-grid injection



DE, Plaidt

Start of operation
Gas Upgrading

2018

Technology
Input Gas

Membrane Technology
Biogas from Green Waste & Bio Waste

Plant Capacity
Hourly Biomethane Production
Biomethane Usage

500 Nm³/h
300 Nm³/h
Biomethane for gas-grid injection



FR, Pommeuse

Start of operation
Anaerobic Digestion

2018

Number of Digester(s)
Net volume per digester
Digester Type

2
2'300 m³
Wet AD

Gas Upgrading

Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Agricultural Residues
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



FR, Saconin

Start of operation
Anaerobic Digestion

2018

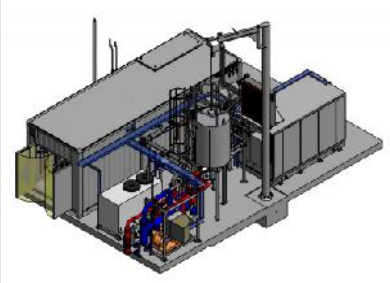
Number of Digester(s)
Net volume per digester
Digester Type

2
2'300 m³
Wet AD

Gas Upgrading

Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Agricultural Residues
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



FR, Barberey

Start of operation	2017	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



CH, Niedergösgen

Start of operation	2017	
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Sewage Sludge
	Plant Capacity	400 Nm ³ /h
	Hourly Biomethane Production	280 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Noyen

Start of operation	2017	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Saints

Start of operation	2017	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



CH, Thun

Start of operation
Gas Upgrading

2017
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Sewage Sludge
250 Nm³/h
130 Nm³/h
Biomethane for gas-grid injection



FR, Brie

Start of operation
Anaerobic Digestion

Gas Upgrading

2016
Number of Digester(s)
Net volume per digester
Digester Type
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

2
2'300 m³
Wet AD
Membrane Technology
Biogas from Agricultural Residues
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



FR, Meaux

Start of operation
Anaerobic Digestion

Gas Upgrading

2016
Number of Digester(s)
Net volume per digester
Digester Type
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

2
2'300 m³
Wet AD
Membrane Technology
Biogas from Agricultural Residues
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



DE, Heinfelde

Start of operation
Gas Upgrading

2015
Technology
Input Gas

Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Source Separated
Municipal Waste
1'000 Nm³/h
500 Nm³/h
Biomethane for gas-grid injection



FR, Thennelières

Start of operation	2015	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



DE, Wittenburg

Start of operation	2015	
Anaerobic Digestion	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	700 Nm ³ /h
Gas Upgrading	Hourly Biomethane Production	350 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



CH, Winterthur Digester

Start of operation	2014	
Anaerobic Digestion	Number of Digester(s)	1
	Net volume per digester	1'500 m ³
	Waste Type	Bio Waste, Food Waste, Green Waste
Gas Upgrading	Waste Throughput per Year	25'000 t/a
	Technology	Amine Scrubbing
	Input Gas	Biogas from Green Waste & Bio Waste
	Plant Capacity	300 Nm ³ /h
	Hourly Biomethane Production	122 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



CH, Vétroz

Start of operation	2014	
Anaerobic Digestion	Number of Digester(s)	1
	Net volume per digester	1'300 m ³
	Digester Type	PF1300
Gas Upgrading	Waste Type	Bio Waste, Green Waste, Liquid Manure, Waste Oil
	Waste Throughput per Year	20'000 t/a
	Technology	Amine Scrubbing
	Input Gas	Biogas from Green Waste & Bio Waste
	Plant Capacity	250 Nm ³ /h
	Hourly Biomethane Production	130 Nm ³ /h
Biomethane Usage	Biomethane for gas-grid injection	



GB, Saint Nicholas Court Farm

Start of operation	2014	
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	700 Nm ³ /h
	Hourly Biomethane Production	350 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



DE, Feldberg

Start of operation	2014	
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Energy Crops
	Plant Capacity	700 Nm ³ /h
	Hourly Biomethane Production	350 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



FR, Méry-sur-Seine

Start of operation	2014	
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'300 m ³
	Digester Type	Wet AD
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	500 Nm ³ /h
	Hourly Biomethane Production	250 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



DE, Niederröblingen

Start of operation	2014	
Gas Upgrading	Technology	Amine Scrubbing
	Input Gas	Biogas from Agricultural Residues
	Plant Capacity	700 Nm ³ /h
	Hourly Biomethane Production	350 Nm ³ /h
	Biomethane Usage	Biomethane for gas-grid injection



DE, Rackwitz

Start of operation
Gas Upgrading

2014
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Agricultural Residues
1'400 Nm³/h
700 Nm³/h
Biomethane for gas-grid injection



FR, Sourdun

Start of operation
Anaerobic Digestion

Gas Upgrading

2014
Number of Digester(s)
Net volume per digester
Digester Type
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

2
2'300 m³
Wet AD
Membrane Technology
Biogas from Agricultural Residues
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



FR, Ussy-sur-Marne

Start of operation
Anaerobic Digestion

Gas Upgrading

2014
Number of Digester(s)
Net volume per digester
Digester Type
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

2
2'300 m³
Wet AD
Membrane Technology
Biogas from Agricultural Residues
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



CH, Zuchwil

Start of operation
Gas Upgrading

2014
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Sewage Sludge
250 Nm³/h
130 Nm³/h
Biomethane for gas-grid injection



DE, Altenhof

Start of operation
Gas Upgrading

2013
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'400 Nm³/h
700 Nm³/h
Biomethane for gas-grid injection



DE, Gardelegen

Start of operation
Gas Upgrading

2013
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Jabel

Start of operation
Gas Upgrading

2013
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Kirchgellersen

Start of operation
Gas Upgrading

2013
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



DE, Kroppenstedt

Start of operation
Gas Upgrading

2013
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'400 Nm³/h
700 Nm³/h
Biomethane for gas-grid injection



DE, Werlte

Start of operation
Gas Upgrading

2013
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'000 Nm³/h
500 Nm³/h
Biomethane for gas-grid injection



DE, Heidenau

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Karben

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Klein Wanzleben

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'400 Nm³/h
700 Nm³/h
Biomethane for gas-grid injection



DE, Leizen

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection

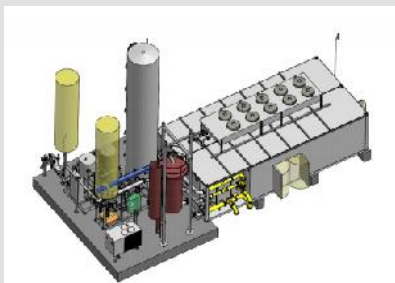


DE, Marienthal

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Müden-Aller

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection

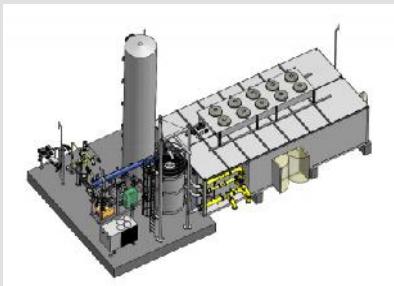


DE, Neudorf-Helle

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'400 Nm³/h
700 Nm³/h
Biomethane for gas-grid injection



DE, Rätzlingen

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Rosche

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Zeven II

Start of operation
Gas Upgrading

2012
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Membrane Technology
Biogas from Energy Crops
250 Nm³/h
130 Nm³/h
Biomethane for gas-grid injection



DE, Altena

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Apensen

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Bruchhausen-Vilsen

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Gross Kelle

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



DE, Jürgenshagen

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Karft

Start of operation
Gas Upgrading

2011
Technology
Input Gas

Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Source Separated
Municipal Waste
1'000 Nm³/h
500 Nm³/h
Biomethane for gas-grid injection



DE, Malstedt

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Oberriexingen

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Schwedt

Start of operation
Gas Upgrading

2011
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'400 Nm³/h
700 Nm³/h
Biomethane for gas-grid injection



DE, Drögennindorf

Start of operation
Gas Upgrading

2010
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
500 Nm³/h
250 Nm³/h
Biomethane for gas-grid injection



DE, Eggertshofen

Start of operation
Gas Upgrading

2010
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
400 Nm³/h
200 Nm³/h
Biomethane for gas-grid injection



DE, Grabsleben

Start of operation
Gas Upgrading

2010
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection



DE, Unsleben

Start of operation
Gas Upgrading

2010
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
700 Nm³/h
350 Nm³/h
Biomethane for gas-grid injection

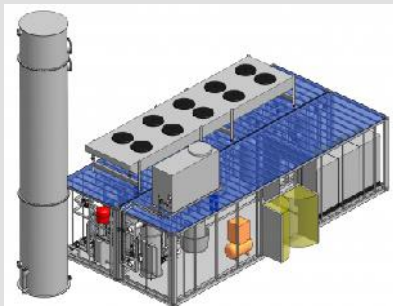


DE, Einbeck

Start of operation
Gas Upgrading

2009
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'000 Nm³/h
500 Nm³/h
Biomethane for gas-grid injection

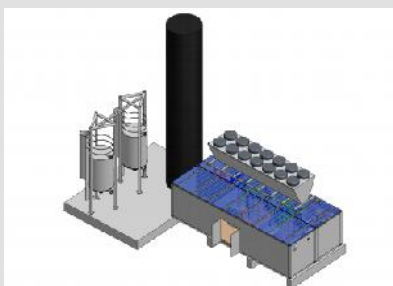


DE, Hardegsen

Start of operation
Gas Upgrading

2009
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
1'100 Nm³/h
550 Nm³/h
Biomethane for gas-grid injection



DE, Horn-Bad Meinberg

Start of operation
Gas Upgrading

2009
Technology
Input Gas
Plant Capacity
Hourly Biomethane Production
Biomethane Usage

Amine Scrubbing
Biogas from Energy Crops
2'000 Nm³/h
1'000 Nm³/h
Biomethane for gas-grid injection



DE, Zeven

Start of operation
Gas Upgrading

2009

Technology

Input Gas

Plant Capacity

Hourly Biomethane Production

Biomethane Usage

Amine Scrubbing

Biogas from Energy Crops

250 Nm³/h

130 Nm³/h

Biomethane for gas-grid injection

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