

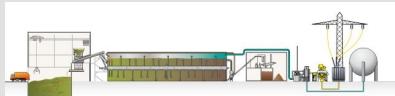


Hitachi Zosen  
INOVA

## Reference Projects

Kompogas® Anaerobic Digestion Plants (in operation and under construction)

in chronological order



### GR, Peloponnese - Tripolis

Start of operation	2022	In planning phase
Anaerobic Digestion		
Number of Digester(s)	2	
Net volume per digester	1'500 m <sup>3</sup>	
Waste Throughput per Year	38'700 t/a	



### JP, Machida

Start of operation	2022	In planning phase
Anaerobic Digestion		
Number of Digester(s)	2	
Net volume per digester	875 m <sup>3</sup>	
Waste Type	Organic Fraction of Municipal Solid Waste	
Waste Throughput per Year	18'000 t/a	



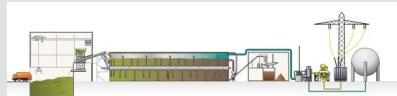
### JP, Kagoshima

Start of operation	2022	In planning phase
Anaerobic Digestion		
Number of Digester(s)	2	
Net volume per digester	1'244 m <sup>3</sup>	
Waste Type	Organic Fraction of Municipal Solid Waste	
Waste Throughput per Year	21'900 t/a	



### DE, Kirchberg

Start of operation	2021	In construction
Anaerobic Digestion		
Number of Digester(s)	1	
Net volume per digester	1'050 m <sup>3</sup>	
Waste Throughput per Year	1'500 t/a	



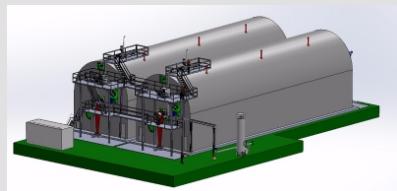
### IT, Legnano

Start of operation	2021	In construction
Anaerobic Digestion	2	
	1'300 m <sup>3</sup>	
Gas Upgrading	Waste Throughput per Year	40'500 t/a
	Plant Capacity	625 Nm <sup>3</sup> /h



### CN, Chongqing 2

Start of operation	2021	In construction
Anaerobic Digestion	3	
	2'100 m <sup>3</sup>	
	Waste Throughput per Year	110'000 t/a



### CN, Chongqing

Start of operation	2021	2
Anaerobic Digestion	1'800 m <sup>3</sup>	
	Organic Fraction of Municipal Solid Waste	
	Waste Throughput per Year	50'000 t/a



### CN, Nanjing

Start of operation	2020	2
Anaerobic Digestion	1'800 m <sup>3</sup>	
	Organic Fraction of Municipal Solid Waste	
	Waste Throughput per Year	55'000 t/a



### US, Southern California

Start of operation	2020	In construction
Anaerobic Digestion	Number of Digester(s)	2
	Net volume per digester	2'100 m <sup>3</sup>
	Waste Type	Food Waste, Green Waste
	Waste Throughput per Year	84'400 t/a
Gas Upgrading	Technology	Membrane Technology
	Input Gas	Biogas from Green Waste & Bio Waste, Biogas from Energy Crops, Biogas from Agricultural Residues, Biogas from Source Separated Municipal Waste
	Plant Capacity	447 Nm <sup>3</sup> /h
	Biomethane Usage	Biomethane for gas-grid injection



### SE, Jönköping

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



### DE, Anröchte

Start of operation	2020	1
Anaerobic Digestion	Number of Digester(s)	1'500 m <sup>3</sup>
	Net volume per digester	Bio Waste, Green Waste
	Waste Type	15'000 t/a
	Waste Throughput per Year	



### JP, Miyazu

Start of operation	2019	In planning phase
Anaerobic Digestion	Number of Digester(s)	1
	Net volume per digester	720 m <sup>3</sup>
	Waste Type	Organic Fraction of Municipal Solid Waste
	Waste Throughput per Year	7'350 t/a



### GR, Epirus

Start of operation  
Anaerobic Digestion

2019  
Number of Digester(s)  
Net volume per digester  
Waste Type  
Waste Throughput per Year

2  
1'500 m<sup>3</sup>  
Organic Fraction of Municipal  
Solid Waste  
38'700 t/a



### JP, Kyoto 2

Start of operation  
Anaerobic Digestion

2018  
Number of Digester(s)  
Net volume per digester  
Waste Type  
Waste Throughput per Year

In construction  
2  
1'483 m<sup>3</sup>  
Organic Fraction of Municipal  
Solid Waste  
20'820 t/a



### IT, Foligno

Start of operation  
Anaerobic Digestion

2018  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

2  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
40'000 t/a



### FR, Combrand

Start of operation  
Anaerobic Digestion

2018  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

3  
1'300 m<sup>3</sup>  
PF1300  
Solid Manure, Crop Residues  
46'000 t/a



### US, San Luis Obispo

Start of operation	2018
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'800 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	30'000 t/a



### IT, Bologna

Start of operation	2018
Anaerobic Digestion	
Number of Digester(s)	4
Net volume per digester	1'800 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	102'000 t/a



### SE, Högbytorp

Start of operation	2018
Anaerobic Digestion	
Number of Digester(s)	3
Net volume per digester	2'100 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste, Solid Manure
Waste Throughput per Year	83'050 t/a



### PL, Jarocin

Start of operation	2015
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	RM18
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	15'000 t/a



### **CH, Winterthur Digester**

Start of operation	2014	
Anaerobic Digestion		
	Number of Digester(s)	1
	Net volume per digester	1'500 m <sup>3</sup>
	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 <sup>3</sup> /h
	sBIOMETHANE_PRODUCTION	122 Nm <sup>3</sup> /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 <sup>3</sup>
	Digester Type	PF1300
	Waste Type	Bio Waste, Green Waste, Liquid Manure, Waste Oil
Gas Upgrading		
	Waste Throughput per Year	20'000 t/a
	Technology	Amine Scrubbing
	Input Gas	Biogas from Green Waste & Bio Waste
	Plant Capacity	250 Nm <sup>3</sup> /h
	sBIOMETHANE_PRODUCTION	130 Nm <sup>3</sup> /h
	Biomethane Usage	Biomethane for gas-grid injection



### **PT, Amarsul**

Start of operation	2014	
Anaerobic Digestion		
	Number of Digester(s)	3
	Net volume per digester	1'300 m <sup>3</sup>
	Digester Type	PF1300
	Waste Type	Organic Fraction of Municipal Solid Waste
	Waste Throughput per Year	60'000 t/a



### **PL, Olawa**

Start of operation	2014	
Anaerobic Digestion		
	Number of Digester(s)	2
	Net volume per digester	1'300 m <sup>3</sup>
	Digester Type	RM18
	Waste Type	Organic Fraction of Municipal Solid Waste
	Waste Throughput per Year	25'000 t/a



### JP, Nantan

Start of operation  
Anaerobic Digestion

2013  
Number of Digester(s)  
Net volume per digester  
Waste Type  
Waste Throughput per Year

1  
1'030 m<sup>3</sup>  
Organic Fraction of Municipal  
Solid Waste  
10'800 t/a



### DE, Coesfeld

Start of operation  
Anaerobic Digestion

2013  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

2  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
40'000 t/a



### DE, Fulda

Start of operation  
Anaerobic Digestion

2013  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

2  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
32'000 t/a



### NL, Tilburg

Start of operation  
Anaerobic Digestion

2013  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

2  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
46'000 t/a



**CH, Zurich Werdhölzli**

Start of operation	2013
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'500 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	25'000 t/a



**FR, Clermont-Ferrand**

Start of operation	2013
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	15'000 t/a



**JP, Hofu**

Start of operation	2013
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	750 m <sup>3</sup>
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	17'500 t/a



**FR, Vannes**

Start of operation	2012
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	15'000 t/a



### FR, Angers

Start of operation	2012
Anaerobic Digestion	
Number of Digester(s)	4
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	50'000 t/a



### DE, Witten

Start of operation	2012
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	26'300 t/a



### DE, Trittau

Start of operation	2012
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste
Waste Throughput per Year	20'000 t/a



### IT, Faedo

Start of operation	2012
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	32'000 t/a



### IT, Terni

Start of operation  
Anaerobic Digestion

2012  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

1  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
17'500 t/a



### NL, Weurt

Start of operation  
Anaerobic Digestion

2012  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

2  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
38'000 t/a



### IT, Novi Ligure

Start of operation  
Anaerobic Digestion

2012  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

1  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
16'800 t/a



### FR, Forbach

Start of operation  
Anaerobic Digestion

2011  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

3  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Green Waste  
42'000 t/a



### IT, Belluno

Start of operation	2011
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	22'000 t/a



### DE, Ennigerloh

Start of operation	2011
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	21'000 t/a



### DE, Backnang-Neuschöntal

Start of operation	2011
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	36'000 t/a



### CH, Wauwil

Start of operation	2011
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	16'000 t/a



### **CH, Chavornay**

Start of operation	2011
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'500 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	23'000 t/a



### **DE, Ingolstadt**

Start of operation	2011
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	20'000 t/a



### **DE, Aurich-Grossefeln**

Start of operation	2010
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	18'000 t/a



### **NL, Rijsenhout**

Start of operation	2010
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	42'000 t/a



### **CH, Villeneuve**

Start of operation	2010
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	20'000 t/a



### **NL, Zwolle**

Start of operation	2010
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	2 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	45'000 t/a



### **CH, Altdorf**

Start of operation	2009
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	340 m <sup>3</sup>
Digester Type	Food Waste, Green Waste
Waste Type	
Waste Throughput per Year	5'000 t/a



### **ES, Botarell**

Start of operation	2009
Anaerobic Digestion	
Number of Digester(s)	3
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	54'000 t/a



### QA, Doha

Start of operation  
Anaerobic Digestion

2009  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

15  
1'300 m<sup>3</sup>  
PF1300  
Green Waste, Organic Fraction of  
Municipal Solid Waste  
274'000 t/a



### CH, Oensingen

Start of operation  
Anaerobic Digestion

2009  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

1  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Food Waste, Green  
Waste  
18'000 t/a



### FR, Saint Lô

Start of operation  
Anaerobic Digestion

2009  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year

2  
1'300 m<sup>3</sup>  
PF1300  
Green Waste, Organic Fraction of  
Municipal Solid Waste  
22'000 t/a



### CH, Volketswil

Start of operation  
Anaerobic Digestion

Gas Upgrading

2009  
Number of Digester(s)  
Net volume per digester  
Digester Type  
Waste Type  
Waste Throughput per Year  
Technology  
Biomethane Usage

1  
1'300 m<sup>3</sup>  
PF1300  
Bio Waste, Food Waste, Green  
Waste  
20'000 t/a  
Amine Scrubbing  
Biomethane for gas-grid injection,  
Combined Heat and Power



### DE, Flörsheim Wicker

Start of operation	2008
Anaerobic Digestion	
Number of Digester(s)	3
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	GG20
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	45'000 t/a



### CH, Klingnau

Start of operation	2008
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	GG20
Waste Type	Bio Waste, Food Waste, Green Waste, Liquid Waste
Waste Throughput per Year	20'000 t/a



### CH, Lavigny

Start of operation	2008
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	960 m <sup>3</sup>
Digester Type	GG16
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	16'000 t/a



### FR, Montpellier

Start of operation	2008
Anaerobic Digestion	
Number of Digester(s)	8
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	PF1300
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	100'000 t/a



### **CH, Inwil**

Start of operation  
Anaerobic Digestion

2008	1
Number of Digester(s)	960 m <sup>3</sup>
Net volume per digester	GG16
Digester Type	Bio Waste, Green Waste, Liquid
Waste Type	Manure, Liquid Waste, Solid
Waste Throughput per Year	Manure
	16'000 t/a



### **NL, Wilp-Achterhoeck**

Start of operation  
Anaerobic Digestion

2008	4
Number of Digester(s)	1'300 m <sup>3</sup>
Net volume per digester	PF1300
Digester Type	Bio Waste, Green Waste, Liquid
Waste Type	Waste
Waste Throughput per Year	60'000 t/a



### **DE, Amtzell**

Start of operation  
Anaerobic Digestion

2007	1
Number of Digester(s)	1'300 m <sup>3</sup>
Net volume per digester	GG20
Digester Type	Bio Waste, Green Waste
Waste Type	18'000 t/a
Waste Throughput per Year	



### **DE, Gröbern**

Start of operation  
Anaerobic Digestion

2007	2
Number of Digester(s)	1'300 m <sup>3</sup>
Net volume per digester	GG20
Digester Type	Energy Crops
Waste Type	17'000 t/a
Waste Throughput per Year	



### DE, Ilbenstadt

Start of operation	2007
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	GG20
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	18'250 t/a



### CH, Oetwil am See 2

Start of operation	2007
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	340 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	5'000 t/a



### DE, Regen

Start of operation	2007
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	GG20
Waste Type	Bio Waste, Energy Crops, Green Waste
Waste Throughput per Year	18'000 t/a



### DE, Rostock

Start of operation	2007
Anaerobic Digestion	
Number of Digester(s)	3
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	RM18
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	40'000 t/a



### CH, Utzenstorf

Start of operation	2007
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	720 m <sup>3</sup>
Digester Type	GG12
Waste Type	Bio Waste, Green Waste, Liquid Waste
Gas Upgrading	
Waste Throughput per Year	12'000 t/a
sBIOMETHANE_PRODUCTION	42 Nm <sup>3</sup> /h
Biomethane Usage	Biomethane for gas-grid injection, Combined Heat and Power



### CH, Aarberg

Start of operation	2006
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	GG20
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	20'000 t/a



### CH, Langenthal

Start of operation	2006
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	240 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	5'600 t/a



### CH, Ottenbach

Start of operation	2006
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	960 m <sup>3</sup>
Digester Type	GG16
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	16'000 t/a



### CH, Pratteln

Start of operation	2006
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	960 m <sup>3</sup>
Digester Type	GG16
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	15'000 t/a



### DE, Reimlingen

Start of operation	2006
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	GG20
Waste Type	Energy Crops
Waste Throughput per Year	27'000 t/a



### DE, Weissenfels 2

Start of operation	2006
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	960 m <sup>3</sup>
Digester Type	GG16
Waste Type	Bio Waste, Crop Residues
Waste Throughput per Year	14'500 t/a



### CH, Jona

Start of operation	2005
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	330 m <sup>3</sup>
Digester Type	ZAFE
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	5'000 t/a



### **ES, La Rioja**

Start of operation	2005
Anaerobic Digestion	
Number of Digester(s)	6
Net volume per digester	1'050 m <sup>3</sup>
Digester Type	ZAFB
Waste Type	Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	75'000 t/a



### **CH, Lenzburg**

Start of operation	2005
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	340 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste, Liquid Waste
Waste Throughput per Year	5'000 t/a



### **MQ, Martinique**

Start of operation	2005
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	750 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	20'000 t/a



### **CH, Uzwil 2**

Start of operation	2005
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	ZAFB
Waste Type	Bio Waste, Food Waste, Green Waste, Liquid Waste
Waste Throughput per Year	20'000 t/a



### JP, Kyoto 1

Start of operation	2004
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	1'150 m <sup>3</sup>
Waste Type	Food Waste, Organic Fraction of Municipal Solid Waste
Waste Throughput per Year	15'000 t/a



### DE, Passau

Start of operation	2004
Anaerobic Digestion	
Number of Digester(s)	3
Net volume per digester	980 m <sup>3</sup>
Digester Type	ZAFB
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	39'000 t/a



### CH, Bachenbülach 2

Start of operation	2003
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	340 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste
Gas Upgrading	
Waste Throughput per Year	10'000 t/a
Technology	Membrane Technology
Biomethane Usage	Biomethane for gas-grid injection, Combined Heat and Power



### DE, Weissenfels 1

Start of operation	2003
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	980 m <sup>3</sup>
Digester Type	ZAFB
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	12'500 t/a



### **CH, Oetwil am See 1**

Start of operation	2001
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	750 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste, Liquid Waste
Waste Throughput per Year	10'000 t/a



### **AT, Roppen**

Start of operation	2001
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	750 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	10'000 t/a



### **DE, Alzey-Worms**

Start of operation	1999
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	840 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	24'000 t/a



### **DE, Frankfurt am Main**

Start of operation	1999
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	1'300 m <sup>3</sup>
Digester Type	ZAM
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	20'000 t/a



### JP, Kyoto Demo

Start of operation	1999
Anaerobic Digestion	
Number of Digester(s)	1
Net volume per digester	100 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste
Waste Throughput per Year	1'000 t/a



### CH, Uzwil 1

Start of operation	1998
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	410 m <sup>3</sup>
Digester Type	ZAH
Waste Type	Bio Waste, Green Waste, Liquid Waste
Waste Throughput per Year	10'500 t/a



### DE, Braunschweig

Start of operation	1997
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	840 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	20'000 t/a



### DE, Hunsrück

Start of operation	1997
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	840 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	13'000 t/a



### AT, Lustenau

Start of operation	1997
Anaerobic Digestion	
Gas Upgrading	
Number of Digester(s)	2
Net volume per digester	575 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	17'000 t/a
Technology	Pressure Swing Adsorption
Biomethane Usage	Biomethane for gas-grid injection



### DE, München-Erding

Start of operation	1997
Anaerobic Digestion	
Gas Upgrading	
Number of Digester(s)	2
Net volume per digester	840 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	32'000 t/a



### CH, Otelfingen

Start of operation	1996
Anaerobic Digestion	
Gas Upgrading	
Number of Digester(s)	1
Net volume per digester	840 m <sup>3</sup>
Digester Type	ZAH
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	12'500 t/a
Technology	Pressure Swing Adsorption
Biomethane Usage	Biomethane for gas-grid injection, Combined Heat and Power



### CH, Samstagern

Start of operation	1995
Anaerobic Digestion	
Gas Upgrading	
Number of Digester(s)	2
Net volume per digester	260 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	10'000 t/a
Technology	Pressure Swing Adsorption
Biomethane Usage	Biomethane for gas-grid injection, Combined Heat and Power



### DE, Kempten

Start of operation	1995
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	260 m <sup>3</sup>
Waste Type	Bio Waste, Green Waste
Waste Throughput per Year	12'500 t/a



### CH, Bachenbülach 1

Start of operation	1994
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	260 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	10'500 t/a
Gas Upgrading	
Technology	Pressure Swing Adsorption
Biomethane Usage	Biomethane for gas-grid injection, Combined Heat and Power



### CH, Rümlang

Start of operation	1991
Anaerobic Digestion	
Number of Digester(s)	2
Net volume per digester	340 m <sup>3</sup>
Waste Type	Bio Waste, Food Waste, Green Waste
Waste Throughput per Year	10'000 t/a
Gas Upgrading	
Technology	Pressure Swing Adsorption
Biomethane Usage	Biomethane for gas-grid injection, Combined Heat and Power, Biomethane Filling Station

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