

# First Biogas International AG

## The References

### Part I; Biogas plants design and erection

Year	Name/Location	Country	Power [kW <sub>el</sub> ]	Feedstock
2015	Baoli	China	800	Corn straw
2015	Laoling 13	China	3'000	Corn straw
2015	Handan	China	1'000	Corn straw
2015	Zhengrun	China	600	Corn straw
2015	Laoling 12	China	1'500	Corn straw
2014	Nanyang	China	600	Corn straw
2013	Zimmritz	Germany	637	Manure, energy crops
2013	Changan	China	1'000	Corn straw
2013	Lengenfeld	Germany	75	Manure
2013	Renqiu	China	100	Manure, corn straw
2011	Brüggen	Germany	1'400	Manure, energy crops
2011	Geldern III	Germany	400	Organic waste
2011	Geldern II	Germany	500	Manure, energy crops
2011	Nettetal	Germany	750	Manure, energy crops
2011	Rheinberg	Germany	250	Manure, energy crops
2011	Helmershausen	Germany	366	Manure, energy crops
2011	Rippershausen	Germany	1'216	Manure, energy crops
2011	Dermbach	Germany	250	Manure, energy crops
2011	Naumburg II	Germany	366	Manure, energy crops
2011	Radibor	Germany	526	Manure, energy crops
2011	Gompertshausen	Germany	366	Manure, energy crops
2011	Auligk II	Germany	366	Manure, energy crops
2011	Rasdorf	Germany	190	Manure, energy crops
2010	Velbert	Germany	370	Manure, energy crops
2010	Ozegna	Italy	625	Manure, energy crops
2010	Mantova	Italy	250	Manure, energy crops
2010	Geldern I	Germany	370	Manure, energy crops
2010	Saelhuysen	Germany	1'200	Manure, energy crops
2010	Rockendorf	Germany	366	Manure, energy crops
2010	Vachdorf	Germany	190	Manure, energy crops
2010	Königshofen II	Germany	190	Manure, energy crops
2010	Tanna	Germany	526	Manure, energy crops
2009	Schwalmtal II	Germany	716	Manure, energy crops
2009	Chevenez	Switzerland	104	Manure
2009	Veilsdorf	Germany	526	Manure
2009	Diedorf II	Germany	190	Manure, energy crops
2009	Seuptendorf	Germany	366	Manure, energy crops



Rippershausen, Germany



Silvaplana, Switzerland



Ozegna, Italy



St. Eugene, Canada



Laoling, China

2009	Reichenhausen	Germany	190	Manure, energy crops
2009	Hamlar	Germany	690	Herbs, Organic waste
2009	Shimosetsuri	Japan	40	Manure
2008	Gavardo	Italy	190	Energy crops
2008	Visp	Switzerland	290	Food waste
2008	Auligk	Germany	526	Manure, energy crops
2008	Jüchsen II	Germany	370	Manure, energy crops
2008	Porschendorf	Germany	370	Manure, energy crops
2008	Teterow	Germany	2'450	Food waste
2008	Jüchsen	Germany	526	Manure, energy crops
2008	Frauenpriessnitz II	Germany	526	Manure, energy crops
2008	Orsonnens	Switzerland	440	Manure, abattoir waste
2008	Porrentruy	Switzerland	190	Manure, Food waste
2007	Schwalmtal I	Germany	500	Energy crops
2007	Widnau	Switzerland	400	Organic waste
2007	Lausanne	Switzerland	104	Manure, Food waste
2007	Chebrex	Switzerland	104	Manure, organic waste
2007	Delitz	Germany	526	Manure, energy crops
2007	Genthin	Germany	1'560	Food waste
2007	Cretzschwitz	Germany	556	Manure, energy crops
2007	Königshofen	Germany	380	Manure, energy crops
2007	Pfersdorf	Germany	526	Manure, energy crops
2007	Nusser	Germany	380	Manure, energy crops
2007	Kaltensundheim	Germany	526	Manure, energy crops
2007	Walterswil	Switzerland	380	Organic waste
2007	Mauensee	Switzerland	140	Manure, organic waste
2007	Wassenberg	Germany	716	Energy crops
2007	Albbruck	Germany	100	Energy crops
2007	Geisslingen	Germany	190	Energy crops
2007	St.Eugene II	Canada	100	Manure, organic waste
2007	St.Eugene I	Canada	190	Manure, organic waste
2006	Rahm	Germany	511	Organic waste
2006	Siegburg	Germany	100	Energy crops
2006	Straelen	Germany	2'000	Energy crops
2006	Dremmen	Germany	180	Energy crops
2006	Oberruti	Switzerland	104	Manure, organic waste
2006	Wagerswil	Switzerland	104	Manure, organic waste
2006	Rickenbach	Switzerland	104	Manure, organic waste
2006	Braunau	Switzerland	104	Manure, organic waste
2006	Altengönna	Germany	526	Manure, energy crops
2006	Pannewitz	Germany	526	Manure, energy crops
2006	Trebra	Germany	526	Manure, energy crops
2006	Dermbach	Germany	526	Manure, energy crops
2006	Kauern	Germany	526	Manure, energy crops
2006	Graitschen	Germany	380	Manure, energy crops
2006	Malchin	Germany	2'000	Food waste
2006	Grabe	Germany	380	Manure, energy crops
2006	Luber	Germany	380	Manure, energy crops
2006	Marthalen	Switzerland	104	Manure, organic waste
2006	Chur	Switzerland	104	Manure, Food waste
2006	Fischbach	Switzerland	104	Manure, Food waste
2006	Niedereschach	Germany	360	Energy crops
2006	Binningen	Germany	265	Energy crops
2006	Blumegg	Germany	104	Energy crops
2006	Lausheim	Germany	135	Energy crops
2005	Altishofen	Switzerland	290	Manure, organic waste
2005	Silvaplana	Switzerland	80	Manure, Food waste
2005	Heinersreuth	Germany	380	Manure, energy crops
2005	Schwemin	Germany	380	Manure, energy crops
2005	Möllern	Germany	500	Manure, energy crops
2005	Naundorf	Germany	526	Manure, energy crops
2005	Diedorf	Germany	380	Manure, energy crops
2005	Henfstädt	Germany	526	Manure, energy crops
2005	Oberlemnitz	Germany	570	Manure, energy crops



Straelen, Germany



Nanyang, China



Widnau, Switzerland



Wissen, Germany

2005	Remetschwil	Switzerland	104	Manure, Food waste
2005	Unterfranken	Germany	500	Wheat, manure
2005	Stuhlingen	Germany	104	Energy crops
2005	Seelbach	Germany	65	Energy crops
2004	Bottrop	Germany	500	Energy crops
2004	Münsterland	Germany	180	Energy crops
2004	Ittigen	Switzerland	100	Manure, organic waste
2004	Kaltbrunn	Switzerland	100	Manure, organic waste
2004	Witzleben	Germany	350	Manure, energy crops
2004	Beinrode	Germany	165	Landfill
2004	Münsterland	Germany	180	Energy crops
2004	Davos	Switzerland	100	Manure, Food waste
2003	Petrusheim	Germany	380	Energy crops
2003	Wissen	Germany	626	Energy crops
2003	Thayngen II	Switzerland	100	Manure, organic waste
2003	Graltshausen	Switzerland	100	Manure, organic waste
2003	Ernstroda	Germany	480	Manure, energy crops
2003	Kobande	Germany	1'056	Food waste
2003	Rockendorf	Germany	480	Manure, energy crops
2003	Parum	Germany	1'840	Food waste
2003	Radiborer Agrar	Germany	510	Manure, energy crops
2003	Küssnacht	Switzerland	100	Manure, organic waste
2003	Cobden	Canada	65	Manure, organic waste
2003	Ruswil	Switzerland	65	Manure, organic waste
2002	V&H	Germany	1'410	Food waste
2002	RuBa	Germany	938	Energy crops
2002	Frauenpriessnitz	Germany	480	Manure, energy crops
2002	Erkheim	Germany	1'130	Food waste
2002	Körner	Germany	490	Energy crops
2002	Wünschendorf	Germany	576	Fat and oil
2002	Oberding	Germany	576	Fat and oil
2001	Straelen town	Germany	411	Energy crops
2001	Kraft	Germany	1'560	Food waste
2001	Littau	Switzerland	80	Manure, organic waste
2001	Leukerbad	Switzerland	55	Manure, Food waste
2001	Bissegg	Switzerland	155	Manure, organic waste
2001	Andisleben	Germany	630	Manure, energy crops
2001	Linda	Germany	750	Manure, energy crops
2001	Thonhausen	Germany	636	Manure, energy crops
2000	Zarrentin	Germany	950	Food waste
2000	Gerstungen	Germany	160	Manure
1999	Dietlikon	Switzerland	55	Manure, organic waste
1999	Kaltensundheim	Germany	235	Manure, organic waste
1999	Rappelsdorf	Germany	80	Manure
1999	Reidermoos	Switzerland	75	Manure, organic waste
1998	Morschwil	Switzerland	35	Manure, Food waste
1998	Dermbach	Germany	480	Manure, energy crops
1997	Zerne	Switzerland	45	Manure, Food waste
1997	Thayngen I	Switzerland	80	Manure, organic waste
1997	Frauenfeld	Switzerland	35	Manure, organic waste



Orsonnens, Switzerland



Visp, Switzerland



Küssnacht, Switzerland

## Part II; Biogas plants design

Year	Name/Location	Country	Power [kW <sub>el</sub> ]	Feedstock
2015	SARL Bio-Aisnergies	France	450	Manure, organic waste
2015	Jingan	China	5'000	Manure, corn straw
2015	MD Energie	France	370	Manure, organic waste
2015	Grossengottern	Germany	556	Manure, energy crops
2015	SARL Vie	France	220	Manure, organic waste
2014	GAEC Chiron	France	220	Manure, organic waste
2014	SAS Biogazh	France	220	Manure, organic waste
2014	GAEC Foultière	France	250	Manure, corn straw,crops
2013	Tiandifu	China	300	Chicken manure
2013	Huangyang	China	300	Manure, corn straw
2013	Wiggerthal	Switzerland	1'000	Manure, organic waste
2013	Dayu	China	2'000	Manure, corn straw
2012	Francisco Melendres	Spain	450	Manure, organic waste
2012	Pascual	Spain	130	Manure, organic waste
2012	Los Cholas	Spain	450	Manure, organic waste
2012	Toledo	Spain	130	Manure
2012	Tiresutkoop	Turkey	250	Manure, organic waste
2012	Akhisarhaber	Turkey	190	Manure, organic waste
2012	Linda	Germany	450	Manure, energy crops
2012	Pfersdorf II	Germany	190	Manure, energy crops
2012	Oberlemnitz	Germany	190	Manure, energy crops
2012	Zimmritz	Germany	880	Manure, energy crops
2012	Lohe-Rickelshof	Germany	1'200	Treibsel, grass
2012	Körner II	Germany	75	Manure, energy crops
2012	Niedersynderstädt	Germany	366	Manure, energy crops
2012	Seebach	Germany	366	Manure, energy crops
2012	Auligk III	Germany	75	Manure, energy crops
2012	Ernstroda II	Germany	526	Manure, energy crops
2012	Langenwetzendorf	Germany	1'000	Manure, energy crops
2012	Richenthal	Switzerland	1'200	Mixed organic waste
2012	Meiningen	Germany	65	Manure, energy crops
2012	Kling	Germany	290	Manure, energy crops
2011	XinZheng	China	1'300	Manure, Food waste
2011	Tiraque	Bolivia	140	Organic waste
2010	Gyula	Hungary	526	Energy crops, vegetables
2010	Braila	Romania	250	Manure, energy crops
2010	Albuquerque	USA	3'500	Manure, food waste
2010	Bretagne	France	2'200	Organic waste
2010	Gyula	Hungary	526	Energy crops, vegetables
2010	Pardubice	Czech Rep.	625	Sewage
2009	Citrovita	Brazil	6'000	Fruit waste
2009	Olesnica	Poland	340	Organic waste
2008	Seoul	South Korea	1'000	Organic waste
2008	Santo Domingo	Costa Rica	340	Coffee pulpa

## Part III; Biogas plants consulting

Name	Location	Country
Behringer Agrar GmbH	Behringen	Germany
Vieh und Fleisch GmbH	Frankenförde	Germany
Kornhaus Mittweida GmbH	Hainichen	Germany
Haase Energietechnik GmbH	Neumünster	Germany
Umwelttechnik Lehmann GmbH	Leine	Germany
Seydaland Agrar GmbH	Seyda	Germany
Saggel & Konermann GmbH	Werl	Germany
Zimmerei Filser	Bad Wörishofen	Germany
TOBIPRO GmbH	Tornitz	Germany
BGA Wittgensdorf	Wittgensdorf	Germany
Architekt Werner Averkamp	Berlin	Germany

Zhenyuan, Anyang I	Anyang	China
Biogas Betreiber-Gesellschaft Damerow	Damerow	Germany
Agrargenossenschaft Planetal Golzowe	Golzow	Germany
Schlegel GbR	Kühren	Germany
Gut Wilmersdorf GbR	Wilmersdorf	Germany
Biogas Ramin GmbH	Ramin	Germany
Elbauenhof Janssen	Parey	Germany
Agrarbetrieb HaRo Milch KG	Polenzko	Germany
GuDrun & Hans-Jürgen Wiczorek GmbH	Norddeich	Germany
GD Naturkraft	Helmbrechts	Germany
Landwirtschaftliche Lohnbewirtschaftung Lindenberg	Tauche	Germany
b-gas grünstrom GmbH	Hamburg	Germany
Wirtschaftshof Sachsenland e.G. Röhrsdorf Wittgensdorf, BGA Bräunsdorf	Bräunsdorf	Germany
Schaalsee Biogas & Recycling GmbH	Kogel	Germany
Agrargenossenschaft Milchquelle Stüdenitz	Stüdenitz-Schönermark	Germany
Gebr. Lessat	Pinnow	Germany
Vierte UPEG Windpark GmbH+Co.KG	Nennhausen	Germany
Gut Wilmersdorf GbR	Wilmersdorf	Germany
KCH Biogas GmbH	Mauenheim	Germany
HTG Handelstransport Grüna GmbH	Chemnitz	Germany
Foodcycle BioEnergie GmbH	Dessau	Germany
LAWI Agrar GmbH	Hirschfeld	Germany
Radiborer Agrar GmbH	Radibor	Germany
Landwirtschaftsgesellschaft Schmerz GmbH	Schmerz	Germany
Hanseatische Umwelt CAM GmbH	Sandhagen	Germany
ABIS Nehmt GmbH & Co. KG	Wurzen	Germany
Biogas Berthelsdorf GmbH & Co. KG	Berthelsdorf,	Germany
New Energy & Co. KG	Beeskow	Germany
Altus GmbH, Biogasanlage Baruth	Baruth/Mark	Germany
Boddiner Biogas GmbH & Co. KG	Boddin	Germany
Stadtwerke Winterthur	Winterthur	Switzerland
Boddiner Biogas GmbH & Co. KG	Boddin	Germany
BGA Georg Heider	Königsbrunn	Germany
Ingenieurbüro Dr. Markert	Kaltennordheim	Germany
Avantec Biogas GmbH	Visselhövede	Germany
Zoo Zurich	Zurich	Switzerland
Energietal Toggenburg	Toggenburg	Switzerland
Ewb BGA Richenthal	Bern	Switzerland
Thomas Meyer zu Hartlage	Warmeloh	Germany
Biogasanlage Alois Abt	Laugna	Germany
Wirtschaftshof Sachsenland e.G. Röhrsdorf Wittgensdorf, BGA Wittgensdorf	Wittgensdorf	Germany
BeCon Beteiligungskontor & Consulting GmbH	Langenau	Germany
Ingenieurbüro Hartwich	Dierstorf	Germany
regtec regenerative energie gmbh	Naumburg	Germany
Rinderhof Agrar GmbH	Seubtendorf	Germany
Agrargenossenschaft Helmershausen	Helmershausen	Germany
Biogasanlage Biogas Meiningen GmbH & Co. KG	Rippershausen	Germany
BGA Grimm	Worpswede	Germany
BGA Rehwinkel	Stelle	Germany
BGA Langengrassau	Langengrassau	Germany
BGA Ökozentrum Werratal Vachdorf e.G.	Vachdorf	Germany
Agrargenossenschaft Rodau Agrargenossenschaft eG Klein Schwechten	Klein Schwechten	Germany
BGA Aumeier	BGA Aumeier, Schierling	Germany
DRL Düngerproduktion Dessau	Dessau	Germany
BGA Franke	Borchen	Germany
AEB Methafrance	Lamballe	France