

REFERENCE LIST

AGRICULTURE

Project	Country	Raw Substrates	Digester Type m ³	Elec.Capacity	Status of Project
Polan	Spain	120.000 mt/yr pig manure	CSTR – 2 x 3.000	15.000 kW*	under construction
Consuegra	Spain	120.000 mt/yr pig manure	CSTR – 2 x 3.000	15.000 kW*	under construction
Miralcamp	Spain	120.000 mt/yr pig manure	CSTR – 2 x 3.000	15.000 kW*	under construction
Ravenna	USA	22.000 mt/yr cow manure	CSTR – 2.300	300 kW	in operation since 2008
Boly	Hungary	130.000 mt/yr cow manure 33.000 mt/yr energy crops	CSTR – 3 x 4.500	3.060 kW	licence applied
Senftenberg	Germany	55.000 mt/yr energy crops	CSTR – 3 x 3.500	3.060 kW	in operation since 2007
Granja San Ramon	Spain	29.000 mt/yr cow manure	MBS – 2 x 1.200	260 kW	licence applied
Namakkal	India	86.000 mt/yr chicken manure	BIMA – 2 x 5.000	1.000 kW	in operation since 2004
Juneda II	Spain	120.000 mt/yr pig manure	CSTR – 2 x 3.000	16.000 kW *	in operation since 2003
Gundorf	Germany	40.000 mt/yr cow manure	CSTR – 3.200	360 kW	in operation since 2003
Brederis	Austria	1.000 mt/yr cow manure 1.000 mt/yr energy crops	MBS – 2 x 450	40 kW	in operation since 2003
Sulzberg	Austria	1.000 mt/yr grass / hay 600 mt/yr cow manure	MBS – 2 x 400	55 kW	in operation since 2002
Dedelow	Germany	128.000 mt/yr cow manure	BIMA – 2 x 4.500	803 kW	in operation since 2002
Tornitz	Germany	73.000 mt/yr pig manure	CSTR – 5.100	625 kW	in operation since 2002
Fehrbellin	Germany	46.000 mt/yr cow manure	CSTR – 2.500	511 kW	in operation since 2001
Zwönitz	Germany	37.000 mt/yr cow manure	BIMA – 2 x 2.500	380 kW	in operation since 2001
Juneda I	Spain	110.000 mt/yr pig manure	CSTR – 2 x 3.000	16.000 kW *	in operation since 2001
Großvoigtsberg	Germany	37.000 mt/yr cow manure	BIMA – 3.000	240 kW	in operation since 1998
Yagi Cho	Japan	30.000 mt/yr industry and farming waste	BIMA – 2.200	250 kW	in operation since 1998
Young Kwang	Korea	29.000 mt/yr pig manure	BIMA – 1.500	125 kW	in operation since 1993

* incl. natural gas

REFERENCE LIST

INDUSTRY

Project	Country	Raw Substrates	Digester Type m ³	Elec.Capacity	Status of Project
Selby	UK	80.000 mt/yr food waste slaughterhouse waste	CSTR – 2 x 1.021	2.000 kW	under planning
Malchin	Germany	50.000 mt/yr food waste	CSTR – 2 x 3.500	2.000 kW	in operation since 2008
Lucknow	India	150.000 mt/yr municipal waste	BIMA – 6 x 5.000	5.000 kW	in operation 2002 - 2004
Kogel	Germany	40.000 mt/yr food waste	CSTR – 2 x 2.600	1.416 kW + 511 kW	in operation since 2004
Nakasorachi	Japan	16,000 mt/yr bio waste	BIMA – 3 x 700	5 x 80 kW	in operation since 2002
Beinheim	France	37.000 m ³ /yr industrial sewage sludge	BIMA – 2.500	Boiler	in operation since 2002
Higashi Kanbara	Japan	9.400 mt/yr night soil	BIMA – 240	Boiler	in operation since 2001
Taichung	Taiwan	117.000 mt/yr distillery slops	BIMA – 4.800 + 3.300	Boiler	in operation since 1994
Taichung	Taiwan	7.300 m ³ /a waste water from horse and dog military camp	BIMA – 350	Boiler	in operation since 1994
Taitung	Taiwan	9.000 m ³ /yr waste water from train toilets	BIMA – 650	Boiler	in operation since 1994
Dwangwa	Malawi	350.000 mt/yr distillery slops	UASB – 2 x 4.000	Boiler	in operation since 1990
Izmit	Turkey	250.000 mt/yr waste water from yeast production	UASB – 3 x 2.000	Boiler	in operation since 2003
Thessaloniki	Greece	90.000 m ³ /yr waste water from yeast production	UASB – 1.700	Boiler	in operation since 1992

MUNICIPALITIES

Project	Country	Raw Substrates	Digester Typ m ³	Status of Project
Niederfrohna	Germany	22.000 inh. equ. sewage sludge	BIMA – 1.200	in operation since 2008
Tamsweg	Austria	12.000 inh. equ. sewage sludge	BIMA – 770	in operation since 2002
Penzberg	Germany	90.000 inh. equ. sewage sludge	BIMA – 2 x 1.500	in operation since 2000
Bagnatica	Italy	180.000 inh. equ. sewage sludge	BIMA – 2 x 2.200	in operation since 1999