

## Kompogas® Biological Energy from Waste Plants Hitachi Zosen Inova

In chronological order

## Biological treatment of waste - Kompogas

Location/Country	Start-up	Capacity	Digester	Input	Energy
Rümlang Switzerland	1991	8,500 t per year	Steel	Organic waste	Electricity and heat energy
Bachenbülach Switzerland	1994	8,000 t per year	Steel	Organic waste	Gas, Electricity/heat energy
Samstagern Switzerland	1995	10,000 t per year	Steel	Organic waste	Gas, Electricity/heat energy
Kempton Germany	1996	10,000 t per year	Steel	Organic waste	Electricity and heat energy
Otelfingen Switzerland	1996	12,500 t per year	Concrete	Organic waste	Electricity and heat energy
Braunschweig Germany	1997	26,000 t per year	Steel	Organic waste	
Hunsrück Germany	1997	10,000 t per year	Steel	Organic waste	
Lustenau Österreich – Austria	1997	10,000 t per year	Steel	Organic waste	
München-Erding Germany	1997	32,000 t per year	Steel	Organic waste	Electricity and heat energy
Uzwil 1 Switzerland	1998	20,000 t per year	Steel	Organic waste	Electricity and heat energy
Alzey-Worms Germany	1999	28,750 t per year	Steel	Organic waste	Electricity and heat energy
Frankfurt am Main Germany	1999	30,000 t per year	Beton Concrete	Organic waste	Electricity and heat energy
Kyoto Demo Japan	1999	900 t per year	Steel	Organic waste	
Oetwil am See 1 Switzerland	2001	10,000 t per year	Steel	Organic waste	Electricity and heat energy
Roppen Austria	2001	10,000 t per year	Steel	Organic waste	
Bachenbülach 2 Switzerland	2003	4,000 t per year	Steel	Organic waste	heat energy
Weissenfels 1 Germany	2003	12,500 t per year	Concrete	Organic waste	Electricity and heat energy
Kyoto Japan	2004	15,000 t per year	Steel	Organic waste	
Passau Germany	2004	39,000 t per year	Concrete	Organic waste	Electricity and heat energy
Jona Switzerland	2005	5,000 t per year	Concrete	Organic waste	Electricity and heat energy
La Rioja Spanien – Spain	2005	75,000 t per year	3 x RM36	Organic fraction of municipal solide waste	Electricity and heat energy
Lenzburg Switzerland	2005	5,000 t per year	Steel	Organic waste	Electricity and heat energy
Martignique France	2005	20,000 t per year	Steel	Organic waste	Electricity and heat energy
Uzwil 2 Switzerland	2005	20,000 t per year	Concrete	Organic waste	Electricity and heat energy
Aarberg Switzerland	2006	16,000 t per year	Concrete	Organic waste	Electricity and heat energy

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Langenthal Switzerland	2006	5,600 t per year	Steel	Organic waste	Electricity and heat energy
Ottenbach Switzerland	2006	16,000 t per year	Concrete	Organic waste	Electricity and heat energy
Pratteln Switzerland	2006	15,000 t per year	Concrete	Organic waste	Gas
Reimlingen Germany	2006	20,000 t per year	Concrete	Energy crops	Electricity and heat energy
Weissenfels 2 Germany	2006	25,000 t per year	Concrete	Organic waste	Electricity and heat energy
Amtzell Germany	2007	18,000 t per year	PF1300	Organic waste	Electricity and heat energy
Gröbern Germany	2007	17,000 t per year	Concrete	Energy crops	Electricity and heat energy
Ilbenstadt Germany	2007	18,250 t per year	PF1300	Organic waste	Electricity and heat energy
Oetwil am See 2 Switzerland	2007	5,000 t per year	Steel	Organic waste	Electricity and heat energy
Regen Germany	2007	18,000 t per year	PF1300	Energy crops	Electricity and heat energy
Rostock Germany	2007	40,000 t per year	PF1300-3	Organic fraction of municipal solide waste	Gas, Electricity/heat energy
Utzenstorf Switzerland	2007	12,000 t per year	Concrete	Organic waste	Gas, Electricity/heat energy
Flörsheim Wicker Germany	2008	45,000 t per year	PF1300-3	Organic waste	Electricity and heat energy
Klingnau Switzerland	2008	20,000 t per year	Concrete	Organic waste	Electricity and heat energy
Lavigny Switzerland	2008	16,000 t per year	Concrete	Organic waste	Gas
Montpellier France	2008	203,000 t per year	4 x PF1300-2	Organic fraction of municipal solide waste	Electricity and heat energy
Inwil Switzerland	2008	16,000 t per year	Concrete	Organic waste	Gas
Wilp-Achterhoeck Netherlands	2008	60,000 t per year	2 x PF1300-2	Organic waste	Electricity and heat energy
Altdorf Switzerland	2009	5,000 t per year	Steel	Organic waste	Electricity and heat energy
Botarell Spain	2009	54,000 t per year	PF1300-3	Organic fraction of municipal solide waste	Electricity and heat energy
Doha Qatar	2009	274,000 t per year	5 x PF1300-3	Organic fraction of municipal solide waste	Electricity and heat energy
Oensingen Switzerland	2009	18,000 t per year	PF1300	Organic waste	Electricity and heat energy
Saint Lô France	2009	23,000 t per year	PF1300-2	Organic fraction of municipal solide waste	Electricity and heat energy
Volketswil Switzerland	2009	20,000 t per year	PF1300	Organic waste	Gas
Aurich-Grossefehn Germany	2010	18,000 t per year	PF1300	Organic waste	Electricity and heat energy
Rijsenhout Netherlands	2010	42,000 t per year	PF1300-2	Organic waste	Gas

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Villeneuve Switzerland	2010	20,000 t per year	PF1300	Organic waste	Electricity and heat energy
Zwolle Netherlands	2010	45,000 t per year	PF1300-2	Organic waste	Gas
Belluno Italy	2011	20,000 t per year	PF1300	Organic waste	Electricity and heat energy
Ennigerloh Germany	2011	20,000 t per year	PF1300	Organic waste	Electricity and heat energy
Backnang-Neuschöntal Germany	2011	36,000 t per year	PF1300-2	Organic waste	Electricity and heat energy
Wauwil Switzerland	2011	16,000 t per year	PF1300	Organic waste	Electricity and heat energy
Chavornay Switzerland	2011	22,000 t per year	PF1500	Organic waste	Electricity and heat energy
Ingolstadt Germany	2011	20,000 t per year	PF1300	Organic waste	Electricity and heat energy
Vannes France	2012	15,000 t per year	PF1300	Organic fraction of municipal solide waste	Electricity and heat energy
Angers France	2012	50,000 t per year	2 PF1300-2	Organic fraction of municipal solide waste	Electricity and heat energy
Forbach France	2012	42,000 t per year	PF1300-3	Organic waste	Electricity and heat energy
Witten Germany	2013	20,000 t per year	PF1300	Organic waste	Electricity and heat energy
Trittau Germany	2013	20,000 t per year	PF1300	Organic waste	Electricity and heat energy
Faedo Italy	2013	32,000 t per year	PF1300-2	Organic waste	Electricity and heat energy
Terni Italy	2013	20,000 t per year	PF1300	Organic waste	Electricity and heat energy
Weurt Netherlands	2013	40,000 t per year	PF1300-2	Organic waste	Gas
Novi Ligure Italy	2013	16,700 t per year	PF1300	Organic waste	Electricity and heat energy
Coesfeld Germany	2013	40,000 t per year	PF1300-2	Organic waste	Gas
Fulda Germany	2013	32,000 t per year	PF1300-2	Organic waste	Gas
Tilburg Netherlands	2013	36,000 t per year	PF1300-2	Organic waste	Gas
Zürich Switzerland	2013	25,000 t per year	PF1500	Organic waste	Gas
Clermont-Ferrand France	2013	15,000 t per year	PF1300	Organic waste	Electricity and heat energy
Nantan Japan	2013	9,000 t per year	Steel	Organic waste	Electricity and heat energy
Hofu Japan	2013	17,500 t per year	Steel	Organic waste	Electricity and heat energy
Vértoz Switzerland	2014	23'00 t per year	Steel	Organic waste	Gas
Winterthur Switzerland	2014	25'00 t per year	Steel	Organic waste	Gas

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