

In chronological order

Clean Energy Solutions - Worldwide

In chronological order



Start-up: 2015

Start-up: 2014

Start-up: 2014

Start-up: 2013

Start-up: 2012

Start-up: 2012



Switzerland, Lucerne Perlen

Capacity: 2 x 374Mg/d / 47MW

Fuel: domestic waste Features: Aquaroll ®



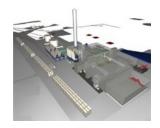
Finland, Vantaa

Capacity: 2 x 576Mg/d / 64MW

Fuel: domestic waste

Energy recovery: electricity, hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



United Kingdom, Ferrybridge

Capacity: 2 x 1014Mg/d / 117MW

Fuel: biomasse, domestic waste, refuse derived fuel, Wood

Energy recovery: electricity, steam

Features: Flue gas recirculation, Tang. nozzle 2



United Kingdom, Cleveland (Line 4&5)

Capacity: 2 x 456Mg/d / 46MW

Fuel: domestic waste, industrial waste Energy recovery: electricity, steam



Finland, Vaasa

Capacity: 1 x 480Mg/d / 61MW

Fuel: domestic waste, industrial waste Energy recovery: electricity, hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



Spain, Sant Adria de Besos Line 1-3

Capacity: 3 x 360Mg/d / 44MW

Fuel: domestic waste, industrial waste Features: Aquaroll ®, Tang. nozzle 2

In chronological order





China, Xiamen West

Capacity: 2 x 300Mg/d / 12MW

Fuel: domestic waste

Energy recovery: electricity

Features: Flue gas recirculation



France, Noyelles s/Lens Remplacement

Capacity: 2 x 132Mg/d

Fuel: domestic waste

Energy recovery: electricity



Netherlands, Roosendaal

Capacity: 2 x 456Mg/d / 62MW

Fuel: domestic waste

Energy recovery: electricity, hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



Norway, Oslo

Capacity: 1 x 576Mg/d / 67MW

Fuel: domestic waste, industrial waste
Energy recovery: electricity, hot water
Features: Aquaroll ®, Flue gas recirculation



<u>United Kingdom, Newhaven</u>

Capacity: 2 x 336Mg/d / 36MW

Fuel: domestic waste

Energy recovery: electricity

Features: Flue gas recirculation, Tang. nozzle 2



United Kingdom, Riverside, London

Capacity: 3 x 763Mg/d / 80MW

Fuel: domestic waste, industrial waste

Energy recovery: electricity
Features: Flue gas recirculation

Start-up: 2011

Start-up: 2011

Start-up: 2011

Start-up: 2011

Start-up: 2011

In chronological order





Luxembourg, Leudelange

Capacity: 1 x 480Mg/d / 67MW

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Tang. nozzle 2



Norway, Bergen (Line 2)

Capacity: 1 x 384Mg/d / 45MW

Fuel: domestic waste

Energy recovery: electricity, hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



Austria, Zistersdorf

Capacity: 1 x 475Mg/d / 58MW

Fuel: domestic waste

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



Spain, Mallorca

Capacity: 2 x 648Mg/d / 70MW

Fuel: domestic waste, sewage sludge

Energy recovery: electricity

Features: Aquaroll ®, Tang. nozzle 2



Switzerland, Buchs SG Line 2

Capacity: 1 x 199Mg/d / 26MW

Fuel: domestic waste, industrial waste

Energy recovery: electricity, hot water, steam



United Kingdom, Cleveland (Line 3)

Capacity: 1 x 456Mg/d / 46MW

Fuel: domestic waste

Energy recovery: electricity Features: Tang. nozzle 2



Start-up: 2010

Start-up: 2010

Start-up: 2009

Start-up: 2009

Start-up: 2009

Start-up: 2009

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Start-up: 2009

Start-up: 2008

Start-up: 2008

Start-up: 2008

Start-up: 2008

Start-up: 2008



United States, Olmsted

Capacity: 1 x 192Mg/d

Fuel: domestic waste

Energy recovery: electricity

Features: Flue gas recirculation, Tang. nozzle 2



Belgium, Liège (Intradel)

Capacity: 2 x 504Mg/d / 67MW

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



China, Xiamen Garbage Treatment

Capacity: 2 x 216Mg/d

Fuel: domestic waste

Energy recovery: electricity

Features: Spraydryer



France, Pithiviers II

Capacity: 2 x 96Mg/d / 11MW

Fuel: domestic waste

Energy recovery: electricity, steam



Germany, Witzenhausen

Capacity: 1 x 838Mg/d / 125MW

Fuel: Pulp sludge, refuse derived fuel Energy recovery: electricity, steam Features: Flue gas recirculation



Netherlands, Moerdijk Line 4

Capacity: 1 x 920Mg/d / 96MW

Fuel: domestic waste

Energy recovery: electricity, steam

Features: Aquaroll ®, Flue gas recirculation

In chronological order



Commissioning: 2007, 2008, 2009

Start-up: 2007

Start-up: 2007

Start-up: 2007

Start-up: 2007

Start-up: 2006



France, Dunkerque

Capacity: 1 x 288Mg/d / 29MW

Fuel: domestic waste

Energy recovery: electricity

Features: Flue gas recirculation, Tang. nozzle 2



France, Issy-les-Moulineaux

Capacity: 2 x 732Mg/d / 85MW

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



Germany, Bamberg

Capacity: 3 x 144Mg/d / 18MW

Fuel: domestic waste, industrial waste

Energy recovery: hot water



Germany, Stassfurt

Capacity: 2 x 480Mg/d / 56MW

Fuel: domestic waste, industrial waste Energy recovery: electricity, steam Features: Aquaroll ®, Tang. nozzle 2



Norway, Trondheim (Line 3)

Capacity: 1 x 415Mg/d

Fuel: domestic waste

Energy recovery: hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



Germany, Erfurt

Capacity: 1 x 234Mg/d / 26MW

Fuel: domestic waste, refuse derived fuel Energy recovery: electricity, hot water, steam

Features: Aquaroll ®, Tang. nozzle 2

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Start-up: 2006

Start-up: 2005

Start-up: 2005

Start-up: 2005

Start-up: 2005

Start-up: 2005



Switzerland, Lausanne (Tridel)

Capacity: 2 x 240Mg/d / 40MW

Fuel: domestic waste

Energy recovery: electricity, hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2



France, Rennes (Line 1+2)

Capacity: 2 x 120Mg/d / 13MW

Fuel: domestic waste

Energy recovery: electricity, steam

Features: Spraydryer



France, Rennes (Line 3)

Capacity: 1 x 192Mg/d / 18MW

Fuel: domestic waste

Energy recovery: electricity, steam

Features: Spraydryer



Germany, Ludwigslust

Capacity: 1 x 144Mg/d / 16MW

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Tang. nozzle 2



Germany, Zorbau

Capacity: 2 x 504Mg/d / 54MW

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®



Sweden, Uppsala

Capacity: 1 x 633Mg/d / 73MW

Fuel: domestic waste

Energy recovery: hot water, steam

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2

In chronological order



Start-up: 2004

Start-up: 2004

Start-up: 2003

Start-up: 2003

Start-up: 2003



Germany, Freiburg im Breisgau

Capacity: 1 x 480Mg/d / 61MW

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Tang. nozzle 2



Netherlands, Alkmaar Line 4

Capacity: 1 x 660Mg/d

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Flue gas recirculation, Spraydryer, Tang. nozzle 2



France, Dijon Retrofit combustion/boiler

Capacity: 2 x 218Mg/d Start-up: 2003

Fuel: domestic waste



France, Evreux

Capacity: 2 x 135Mg/d / 14MW

Fuel: domestic waste, sewage sludge

Energy recovery: electricity Features: Tang. nozzle 2



France, Perpignan

Capacity: 2 x 264Mg/d / 29MW

Fuel: domestic waste

Energy recovery: electricity Features: Tang. nozzle 2



Switzerland, Thun

Capacity: 1 x 442Mg/d / 46MW

Fuel: domestic waste

Energy recovery: electricity, hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 2

In chronological order



Start-up: 2002

Start-up: 2002

Start-up: 2001

Start-up: 2001

Start-up: 2001

Start-up: 2001



France, Le Mans III (Line 2bis)

Capacity: 1 x 288Mg/d / 32MW

Fuel: domestic waste

Energy recovery: electricity Features: Tang. nozzle 2



Switzerland, Emmenspitz Line 4

Capacity: 1 x 240Mg/d / 29MW

Fuel: domestic waste, industrial waste, sewage sludge

Energy recovery: electricity, hot water, steam

Features: Aquaroll ®, Tang. nozzle 2



France, Maubeuge

Capacity: 2 x 134Mg/d / 14MW

Fuel: domestic waste

Energy recovery: electricity, hot water, steam

Features: Tang. nozzle 2



France, Rouen

Capacity: 3 x 348Mg/d / 38MW

Fuel: domestic waste

Energy recovery: electricity



France, Salaise III

Capacity: 1 x 456Mg/d / 70MW

Fuel: domestic waste, industrial waste Energy recovery: electricity, steam Features: Aquaroll ®, Tang. nozzle 2



Germany, Nürnberg TAN

Capacity: 3 x 252Mg/d / 35MW

Fuel: domestic waste Energy recovery: steam

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 4

In chronological order



Start-up: 2001

Start-up: 1999

Start-up: 1999

Start-up: 1999

Start-up: 1999

Start-up: 1998



Italy, Trezzo

Capacity: 2 x 250Mg/d / 41MW

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Tang. nozzle 2



Czech Republic, Liberec

Capacity: 1 x 288Mg/d / 31MW

Fuel: domestic waste

Energy recovery: electricity, steam Features: Flue gas recirculation



Norway, Bergen

Capacity: 1 x 370Mg/d / 45MW

Fuel: domestic waste

Energy recovery: electricity, steam

Features: Flue gas recirculation, Tang. nozzle 4



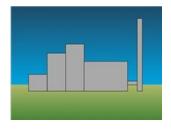
Sweden, Umea II

Capacity: 1 x 576Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 4



<u>United States, 3M, Cottage Grove, MN</u>

Capacity: 1 x 175Mg/d / 38MW

Fuel: industrial waste

Features: round secondary combustion chamber



France, Bezons II (Argenteuil)

Capacity: 1 x 216Mg/d Fuel: domestic waste

Energy recovery: electricity, steam Features: Flue gas recirculation



In chronological order



Start-up: 1998

Start-up: 1998

Start-up: 1998

Start-up: 1997

Start-up: 1997

Start-up: 1997



France, Vert-le-Grand

Capacity: 2 x 336Mg/d Fuel: domestic waste

Energy recovery: electricity
Features: Flue gas recirculation



Germany, Darmstadt V (Line 3)

Capacity: 1 x 264Mg/d
Fuel: domestic waste
Energy recovery: steam

Features: Aquaroll ®



Germany, Pirmasens

Capacity: 2 x 288Mg/d

Fuel: domestic waste, sewage sludge Energy recovery: electricity, steam Features: Flue gas recirculation



Germany, Hamburg

Capacity: 2 x 149Mg/d / 35MW

Fuel: industrial waste Energy recovery: steam

Features: round secondary combustion chamber



Germany, Ulm

Capacity: 2 x 206Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam Features: Flue gas recirculation



Germany, Velsen

Capacity: 2 x 360Mg/d / 42MW

Fuel: domestic waste

Energy recovery: electricity
Features: Flue gas recirculation

In chronological order



Start-up: 1996

Start-up: 1996

Start-up: 1996

Start-up: 1995

Start-up: 1995

Start-up: 1995



Germany, Bremerhaven Duotherm

Capacity: 1 x 144Mg/d

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®



Netherlands, Moerdijk

Capacity: 3 x 636Mg/d / 81MW

Fuel: domestic waste

Energy recovery: electricity, steam

Features: Flue gas recirculation, Tang. nozzle 2



Spain, Melilla

Capacity: 1 x 108Mg/d

Fuel: domestic waste

Energy recovery: electricity



Bermuda, Tynes Bay

Capacity: 2 x 144Mg/d

Fuel: domestic waste

Energy recovery: electricity



Netherlands, Alkmaar

Capacity: 3 x 445Mg/d

Fuel: domestic waste

Energy recovery: electricity

Features: Flue gas recirculation



United States, Lisbon, CT

Capacity: 2 x 225Mg/d

Fuel: domestic waste

Energy recovery: electricity

In chronological order



Start-up: 1994

Start-up: 1994

Start-up: 1994

Start-up: 1994

Start-up: 1993

Start-up: 1993



Sweden, Gothenburg II (Line 4,5)

Capacity: 2 x 528Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water

Features: Flue gas recirculation, Tang. nozzle 2



Switzerland, Buchs SG Line 3

Capacity: 1 x 240Mg/d / 32MW

Fuel: domestic waste

Energy recovery: electricity, hot water, steam

Features: Aquaroll ®, Flue gas recirculation, Tang. nozzle 4



Switzerland, Dottikon II (EMS Dottikon)

Capacity: 1 x 24Mg/d / 5MW

Fuel: industrial waste, sewage sludge

Features: round secondary combustion chamber

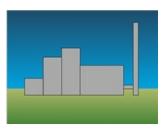


United States, Falls Township, PA

Capacity: 2 x 680Mg/d

Fuel: domestic waste

Energy recovery: electricity



Netherlands, Duiven

Capacity: 3 x 445Mg/d

Fuel: domestic waste



Switzerland, Emmenspitz Replacement furnace/boiler L1

Capacity: 1 x 120Mg/d / 29MW

Fuel: domestic waste

Energy recovery: electricity, steam

In chronological order



Start-up: 1993

Start-up: 1992

Start-up: 1992

Start-up: 1992

Start-up: 1992

Start-up: 1992 (out of operation)



Switzerland, Geneva, Cheneviers III

Capacity: 2 x 500Mg/d

Fuel: domestic waste, sewage sludge

Energy recovery: electricity
Features: Flue gas recirculation



Austria, EBS Vienna II

Capacity: 1 x 480Mg/d / 23MW

Fuel: sewage sludge



France, Sète

Capacity: 1 x 135Mg/d

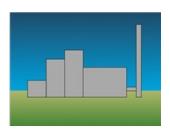
Fuel: domestic waste Energy recovery: steam



France, Sète FGT

Capacity: 1 x 135Mg/d Fuel: domestic waste

Energy recovery: steam



Jersey, Jersey, 3rd unit

Capacity: 1 x 180Mg/d

Fuel: domestic waste

Energy recovery: electricity



Lebanon, Beirut

Capacity: 2 x 120Mg/d

Fuel: domestic waste

Energy recovery: electricity

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Start-up: 1992

Start-up: 1992

Start-up: 1992

Start-up: 1991

Start-up: 1991

Start-up: 1991



Switzerland, Emmenspitz Replacement furnace/boiler L2

Capacity: 1 x 120Mg/d / 29MW

Fuel: domestic waste

Energy recovery: electricity, steam



Switzerland, Tela, Niederbipp

Capacity: 1 x 170Mg/d

Fuel: sewage sludge Energy recovery: steam



United States, East Liverpool, OH

Capacity: 1 x 195Mg/d / 29MW

Fuel: industrial waste Energy recovery: steam Features: Spraydryer



France, Le Mans II (Line 3)

Capacity: 1 x 288Mg/d

Fuel: domestic waste

Energy recovery: electricity



Germany, Bonn North

Capacity: 3 x 288Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam Features: Aquaroll ®, Spraydryer



Germany, Darmstadt III (Line 1)

Capacity: 1 x 264Mg/d
Fuel: domestic waste

Energy recovery: electricity
Features: Tang. nozzle 4

In chronological order





Italy, Modena II

Capacity: 1 x 250Mg/d

Fuel: domestic waste



Start-up: 1991



United States, Broward North, FL

Capacity: 3 x 680Mg/d

Fuel: domestic waste

Energy recovery: electricity

Start-up: 1991



United States, Broward South, FL

Capacity: 3 x 680Mg/d

Fuel: domestic waste

Energy recovery: electricity

Start-up: 1991



United States, Spokane, WA

Capacity: 2 x 363Mg/d

Fuel: domestic waste

Energy recovery: electricity

Start-up: 1991



Germany, Darmstadt IV (Line 2)

Capacity: 1 x 200Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1990

Start-up: 1990



Switzerland, Emmenspitz Line 3

Capacity: 1 x 264Mg/d / 31MW

Fuel: domestic waste

Energy recovery: electricity, hot water, steam

In chronological order





France, Sud Est Finistère

Capacity: 2 x 96Mg/d Fuel: domestic waste Energy recovery: steam Start-up: 1989



United States, Concord, NH

Capacity: 2 x 277Mg/d Fuel: domestic waste Energy recovery: electricity

Start-up: 1989



United States, Gloucester, NJ

Capacity: 2 x 260Mg/d Fuel: domestic waste Energy recovery: electricity Start-up: 1989



France, Brest

Capacity: 2 x 216Mg/d Fuel: domestic waste Energy recovery: hot water Start-up: 1988



France, La Rochelle

Capacity: 2 x 96Mg/d Fuel: domestic waste Energy recovery: steam Start-up: 1988

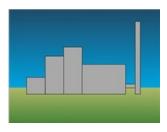


United States, Bridgeport, CT

Capacity: 3 x 680Mg/d Fuel: domestic waste Energy recovery: electricity Start-up: 1988

In chronological order





Canada, Swan Hills, Alberta

Capacity: 2 x 19Mg/d / 6MW

Fuel: industrial waste

Start-up: 1987 (out of operation)

Start-up: 1987

Start-up: 1987

Start-up: 1987

Start-up: 1987

Start-up: 1987



France, Massy et Antony II

Capacity: 1 x 132Mg/d

Fuel: domestic waste

Energy recovery: hot water



France, Nantes

Capacity: 2 x 216Mg/d / 22MW

Fuel: domestic waste, hospital waste

Energy recovery: hot water

Features: Spraydryer



United States, Claremont, NH

Capacity: 2 x 91Mg/d

Fuel: domestic waste

Energy recovery: electricity

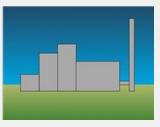


United States, Millbury, MA

Capacity: 2 x 680Mg/d

Fuel: domestic waste

Energy recovery: electricity



United States, PPG, Circleville, OH

Capacity: 1 x 120Mg/d / 18MW

Fuel: industrial waste

In chronological order

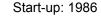




France, Massy et Antony I

Capacity: 1 x 132Mg/d
Fuel: domestic waste

Energy recovery: hot water





Germany, Frankfurt NW Stadt IV

Capacity: 2 x 400Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1986 (out of operation)



Germany, Frankfurt NW Stadt III

Capacity: 2 x 400Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1985

Start-up: 1985



Germany, Geiselbullach

Capacity: 2 x 144Mg/d

Fuel: domestic waste

Energy recovery: electricity

Features: Aquaroll ®, Tang. nozzle 4



Netherlands, Duiven heat recovery

Capacity: 1 x 360Mg/d

Fuel: domestic waste

Energy recovery: hot water

Start-up: 1985

Start-up: 1985



Norway, Trondheim

Capacity: 2 x 156Mg/d

Fuel: domestic waste

Energy recovery: hot water

Features: Aquaroll ®, Flue gas recirculation

In chronological order



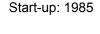


Sweden, Linköping HKW

Capacity: 1 x 710Mg/d

Fuel: Wood

Energy recovery: electricity, hot water



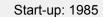


United States, Baltimore, MD

Capacity: 3 x 680Mg/d

Fuel: domestic waste

Energy recovery: electricity





France, Chinon

Capacity: 1 x 67Mg/d

Fuel: domestic waste

Energy recovery: steam

Start-up: 1984



France, Pithiviers

Capacity: 1 x 76Mg/d

Fuel: domestic waste

Energy recovery: hot water





France, Strasbourg II

Capacity: 1 x 336Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1984



Germany, Neustadt

Capacity: 1 x 192Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water, steam

Features: Spraydryer

Start-up: 1984

In chronological order



Start-up: 1984



Sweden, Linköping III

Capacity: 1 x 288Mg/d

Fuel: domestic waste

Energy recovery: hot water

Features: Aquaroll ®, Flue gas recirculation

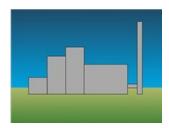


United States, Westchester Country, NY

Capacity: 3 x 680Mg/d Start-up: 1984

Fuel: domestic waste

Energy recovery: electricity



Germany, Kempten III

Capacity: 1 x 192Mg/d Start-up: 1983 (out of operation)

Fuel: domestic waste

Energy recovery: electricity, steam



Sweden, Norrtorp

Capacity: 1 x 110Mg/d / 23MW Start-up: 1983

Fuel: industrial waste

Energy recovery: electricity, hot water



Switzerland, Klus (test plant)

Capacity: 1 x 9Mg/d Start-up: 1983

Fuel: industrial waste



Switzerland, Lucerne II

Capacity: 1 x 144Mg/d Start-up: 1983 (out of operation)

Fuel: domestic waste

Energy recovery: electricity, hot water

In chronological order



Start-up: 1982

Start-up: 1982

Start-up: 1982

Start-up: 1981

Start-up: 1981

Start-up: 1981



France, Brive II

Capacity: 1 x 84Mg/d

Fuel: domestic waste, sewage sludge Energy recovery: hot water, steam



Sweden, Linköping I

Capacity: 1 x 165Mg/d

Fuel: domestic waste

Energy recovery: hot water

Features: Flue gas recirculation



Sweden, Linköping II

Capacity: 1 x 288Mg/d

Fuel: domestic waste

Energy recovery: hot water

Features: Flue gas recirculation



Germany, Biebesheim I

Capacity: 2 x 75Mg/d / 18MW

Fuel: industrial waste

Energy recovery: electricity

Features: Spraydryer



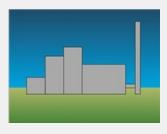
Germany, Landshut III

Capacity: 1 x 144Mg/d

Fuel: domestic waste

Energy recovery: electricity

Features: Spraydryer



United States, G.E. Waterford, NY

Capacity: 1 x 100Mg/d / 14MW

Fuel: industrial waste

In chronological order



Start-up: 1980

Start-up: 1980

Start-up: 1978

Start-up: 1977

Start-up: 1977

Start-up: 1977 (out of operation)



Austria, EBS Vienna I

Capacity: 2 x 326Mg/d / 30MW

Fuel: industrial sludge, industrial waste, sewage sludge

Energy recovery: hot water



<u>Italy, Modena I</u>

Capacity: 2 x 150Mg/d

Fuel: domestic waste



France, Bruay

Capacity: 2 x 120Mg/d

Fuel: domestic waste Energy recovery: steam



Germany, Bremerhaven

Capacity: 3 x 360Mg/d

Fuel: domestic waste

Energy recovery: electricity

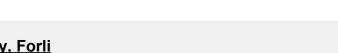


Germany, Darmstadt II (Line 3)

Capacity: 1 x 260Mg/d

Fuel: domestic waste

Energy recovery: steam





<u>Italy, Forli</u>

Capacity: 2 x 100Mg/d

Fuel: domestic waste

In chronological order





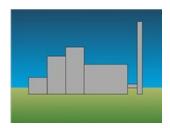
France, Arras

Capacity: 1 x 120Mg/d Fuel: domestic waste Energy recovery: hot water Start-up: 1976



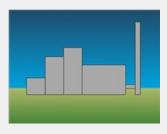
France, Châteaudun

Capacity: 1 x 85Mg/d Fuel: domestic waste Start-up: 1976



Germany, Kempten II

Capacity: 1 x 120Mg/d Fuel: domestic waste Start-up: 1976 (out of operation)



Italy, Taranto

Capacity: 2 x 100Mg/d Fuel: domestic waste Start-up: 1976 (out of operation)



Netherlands, Leiden II

Capacity: 1 x 100Mg/d Fuel: domestic waste Start-up: 1976 (out of operation)



Switzerland, Emmenspitz Line 1+2

Capacity: 2 x 240Mg/d Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1976 (out of operation)

In chronological order





Denmark, Nyborg

Capacity: 1 x 180Mg/d / 23MW

Fuel: industrial waste

Energy recovery: hot water





Finland, Turku

Capacity: 2 x 120Mg/d

Fuel: domestic waste

Energy recovery: hot water

Start-up: 1975



France, Bezons I (Argenteuil)

Capacity: 2 x 180Mg/d

Fuel: domestic waste

Start-up: 1975



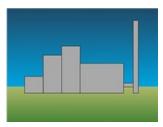
France, Le Mans I (Line 1+2)

Capacity: 2 x 240Mg/d / 23MW

Fuel: domestic waste

Start-up: 1975

Start-up: 1975



Germany, Kempten I

Capacity: 1 x 100Mg/d

Fuel: domestic waste

Start-up: 1975 (out of operation)



Italy, Cattolica-Riccione

Capacity: 2 x 120Mg/d

Fuel: domestic waste

In chronological order





Italy, Terni

Capacity: 2 x 60Mg/d

Fuel: domestic waste

Start-up: 1975 (out of operation)



Spain, Barcelona Line 1-3 (Besos)

Capacity: 3 x 360Mg/d

Fuel: domestic waste

Energy recovery: electricity

Start-up: 1975 (out of operation)



Spain, Moncada

Capacity: 1 x 60Mg/d

Fuel: domestic waste

Start-up: 1975

Start-up: 1975



Switzerland, Bern II

Capacity: 2 x 240Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water, steam



United States, Saugus Boston, MA

Capacity: 2 x 680Mg/d

Fuel: domestic waste

Energy recovery: electricity

Start-up: 1975



Australia, Toowoomba

Capacity: 1 x 72Mg/d

Fuel: domestic waste

Start-up: 1974 (out of operation)

In chronological order





Canada, Quebec

Capacity: 4 x 250Mg/d Fuel: domestic waste

Energy recovery: steam

Start-up: 1974



France, Angers

Capacity: 3 x 130Mg/d Fuel: domestic waste Energy recovery: steam Start-up: 1974



France, Deauville

Capacity: 2 x 60Mg/d
Fuel: domestic waste, sewage sludge

Start-up: 1974



France, Dijon

Capacity: 2 x 300Mg/d Fuel: domestic waste Start-up: 1974 (out of operation)



France, Strasbourg I

Capacity: 3 x 336Mg/d Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1974

Start-up: 1974



Germany, Landshut II

Capacity: 1 x 72Mg/d
Fuel: domestic waste

Energy recovery: electricity

Features: Spraydryer

In chronological order





Netherlands, The Haque II

Capacity: 1 x 360Mg/d
Fuel: domestic waste

Energy recovery: electricity

Start-up: 1974 (out of operation)



Switzerland, Glarus

Capacity: 1 x 120Mg/d

Fuel: domestic waste



Australia, Melbourne Harbour

Capacity: 1 x 42Mg/d / 5MW

Fuel: domestic waste

Start-up: 1973 (out of operation)

Start-up: 1974



Australia, Sydney Waverley-Woollahra

Capacity: 2 x 269Mg/d Start-up: 1973 (out of operation)

Fuel: domestic waste



Austria, Wels

Capacity: 1 x 86Mg/d Start-up: 1973 (out of operation)

Fuel: domestic waste



France, Brive I

Capacity: 2 x 84Mg/d

Fuel: domestic waste, sewage sludge Energy recovery: hot water, steam Start-up: 1973

In chronological order





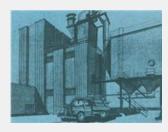
France, Lisieux

Capacity: 1 x 84Mg/d

Fuel: domestic waste, sewage sludge

Start-up: 1973

Start-up: 1973



Italy, Alfa Sud Pomigliano

Capacity: 1 x 36Mg/d

Fuel: industrial waste

Start-up: 1973 (out of operation)



Italy, Bologna

Capacity: 3 x 210Mg/d

Fuel: domestic waste

Energy recovery: hot water

Features: Aquaroll ®, Tang. nozzle 2



Italy, Chioggia

Capacity: 1 x 72Mg/d

Fuel: domestic waste

Start-up: 1973 (out of operation)



Italy, Domodossola

Capacity: 1 x 36Mg/d

Fuel: domestic waste

Start-up: 1973 (out of operation)



Italy, Foggia

Capacity: 1 x 72Mg/d

Fuel: domestic waste

Start-up: 1973 (out of operation)

In chronological order





Italy, La Spezia

Capacity: 2 x 120Mg/d Fuel: domestic waste Start-up: 1973 (out of operation)

Start-up: 1973

Start-up: 1972



Italy, Leghorn

Capacity: 2 x 85Mg/d

Fuel: domestic waste



Switzerland, Schaffhouse

Capacity: 2 x 72Mg/d

Fuel: domestic waste

Start-up: 1973 (out of operation)



France, Mulhouse

Capacity: 2 x 130Mg/d

Fuel: domestic waste, sewage sludge

Energy recovery: steam



Italy, Genoa

Capacity: 3 x 240Mg/d

Fuel: domestic waste

Energy recovery: electricity

Start-up: 1972 (out of operation)

Start-up: 1972 (out of operation)



Sweden, Gothenburg I

Capacity: 3 x 360Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water

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In chronological order





Switzerland, St.Gallen

Capacity: 2 x 120Mg/d

Fuel: domestic waste Features: Spraydryer Start-up: 1972 (out of operation)



Switzerland, Stoos

Capacity: 1 x 12Mg/d

Fuel: domestic waste

Start-up: 1972 (out of operation)

Start-up: 1971

Start-up: 1971



France, Blois

Capacity: 2 x 89Mg/d

Fuel: domestic waste

Energy recovery: hot water



France, Dieppe

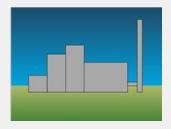
Capacity: 2 x 60Mg/d / 6MW

Fuel: domestic waste, sewage sludge



France, Noyelles s/Lens





Germany, Fürth Landkreis

Capacity: 1 x 80Mg/d Start-up: 1971 (out of operation)

Fuel: domestic waste

Energy recovery: hot water

In chronological order





Germany, Landshut I

Capacity: 1 x 72Mg/d Fuel: domestic waste Energy recovery: electricity

Features: Spraydryer

Start-up: 1971



Sweden, Tierp

Capacity: 1 x 12Mg/d

Fuel: domestic waste

Start-up: 1971 (out of operation)



Switzerland, Lucerne I

Capacity: 2 x 120Mg/d Fuel: domestic waste

Energy recovery: electricity, hot water

Start-up: 1971 (out of operation)



Canada, Montreal

Capacity: 4 x 360Mg/d

Fuel: domestic waste

Start-up: 1970 (out of operation)

Start-up: 1970

Start-up: 1970



Germany, Leverkusen

Capacity: 2 x 240Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam



Sweden, Umea I

Capacity: 2 x 137Mg/d Fuel: domestic waste

Energy recovery: hot water

Features: Flue gas recirculation

In chronological order





Germany, Solingen

Capacity: 2 x 240Mg/d Fuel: domestic waste

Energy recovery: electricity, hot water

Start-up: 1969

Start-up: 1969



Switzerland, Basel

Capacity: 2 x 360Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water, steam



Switzerland, Dottikon I

Capacity: 1 x 12Mg/d / 4MW

Fuel: industrial waste

Start-up: 1969 (out of operation)



Switzerland, Zurich, Hagenholz

Capacity: 2 x 260Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water, steam

Start-up: 1969 (out of operation)



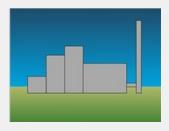
Germany, Nürnberg

Capacity: 3 x 360Mg/d

Fuel: domestic waste

Energy recovery: steam

Start-up: 1968 (out of operation)



Sweden, Stockholm Bollmora

Capacity: 1 x 120Mg/d

Fuel: domestic waste

Energy recovery: hot water

Start-up: 1968 (out of operation)

In chronological order





Switzerland, Biel

Capacity: 1 x 60Mg/d

Fuel: domestic waste

Start-up: 1968 (out of operation)



Germany, Frankfurt NW Stadt II

Capacity: 2 x 360Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1967 (out of operation)



Germany, Ludwigshafen City

Capacity: 2 x 240Mg/d

Fuel: domestic waste Energy recovery: steam Start-up: 1967 (out of operation)



Netherlands, The Hague I

Capacity: 3 x 360Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1967 (out of operation)



Switzerland, Fribourg

Capacity: 2 x 60Mg/d

Fuel: domestic waste

Start-up: 1967 (out of operation)



Switzerland, Lake of Zurich Region

Capacity: 1 x 30Mg/d

Fuel: domestic waste

Start-up: 1967 (out of operation)

In chronological order





Germany, Chemical Works Hüls

Capacity: 1 x 55Mg/d / 14MW

Fuel: industrial waste

Start-up: 1966



Germany, Darmstadt I (Line 1+2)

Capacity: 2 x 240Mg/d

Fuel: domestic waste Energy recovery: steam Start-up: 1966 (out of operation)



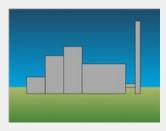
Germany, Frankfurt NW Stadt I

Capacity: 2 x 360Mg/d

Fuel: domestic waste

Energy recovery: electricity, steam

Start-up: 1966 (out of operation)



Germany, Opel Rüsselsheim

Capacity: 1 x 42Mg/d / 7MW

Fuel: industrial waste

Start-up: 1966



Netherlands, Leiden I

Capacity: 2 x 120Mg/d

Fuel: domestic waste

Start-up: 1966 (out of operation)

Start-up: 1966 (out of operation)



Sweden, Linköping

Capacity: 1 x 120Mg/d

Fuel: domestic waste

Energy recovery: hot water

In chronological order





Switzerland, Geneva, Cheneviers I

Capacity: 2 x 240Mg/d

Fuel: domestic waste, sewage sludge

Energy recovery: electricity

Start-up: 1966 (out of operation)



Italy, Trento

Capacity: 1 x 15Mg/d

Fuel: domestic waste

Start-up: 1965 (out of operation)



Switzerland, Winterthur

Capacity: 2 x 120Mg/d

Fuel: domestic waste

Energy recovery: electricity, hot water, steam

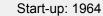
Start-up: 1965 (out of operation)



Germany, BASF Ludwigshafen II

Capacity: 2 x 24Mg/d / 8MW

Fuel: industrial waste Energy recovery: steam





Germany, Continental Hannover

Capacity: 1 x 36Mg/d / 9MW

Fuel: industrial waste
Energy recovery: steam

Start-up: 1964 (out of operation)



Germany, Ford Cologne

Capacity: 1 x 100Mg/d / 16MW

Fuel: industrial waste
Energy recovery: hot water

Start-up: 1964 (out of operation)

In chronological order





Austria, Vienna, Flötzersteig

Capacity: 3 x 200Mg/d Fuel: domestic waste

Energy recovery: electricity, hot water, steam

Start-up: 1963 (out of operation)



Germany, Hamburg II

Capacity: 3 x 200Mg/d

Fuel: domestic waste

Energy recovery: electricity

Start-up: 1963 (out of operation)



Germany, Opel Bochum

Capacity: 1 x 30Mg/d / 5MW

Fuel: industrial waste

Start-up: 1963



Germany, Boehringer, Ingelheim

Capacity: 1 x 25Mg/d

Fuel: industrial waste

Start-up: 1962 (out of operation)



Finland, Helsinki

Capacity: 2 x 200Mg/d

Fuel: domestic waste

Energy recovery: steam

Start-up: 1961 (out of operation)



Germany, BASF Ludwigshafen I

Capacity: 1 x 200Mg/d / 32MW

Fuel: industrial waste Energy recovery: steam Start-up: 1960 (out of operation)

In chronological order





Germany, Hamburg I

Capacity: 2 x 200Mg/d Fuel: domestic waste Energy recovery: electricity Start-up: 1959 (out of operation)



Switzerland, Lausanne

Capacity: 2 x 120Mg/d Fuel: domestic waste Energy recovery: steam Start-up: 1958 (out of operation)



Belgium, Brussels

Capacity: 2 x 200Mg/d Fuel: domestic waste Energy recovery: steam Start-up: 1957 (out of operation)



Switzerland, Bern I

Capacity: 2 x 100Mg/d Fuel: domestic waste

Energy recovery: hot water, steam

Start-up: 1954 (out of operation)

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