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1. Mechanical-biological waste treatment (MBT)

Waste management centre **Radom, Poland**

Location	Radom, Poland
Plant	Household waste treatment System Biofix
Plant capacity	34 Mg/h
Commissioning	2007
Client	RADKOM, Radom

Waste management centre **Kalisz, Poland**

Location	Kalisz, Poland
Plant	Household waste treatment System Biofix
Plant capacity	80,000 Mg/a
Commissioning	2006
Client	National Fund for Environmental, Kalisz

Waste management centre **Großefehn**

Location	Großefehn, Lower Saxony, Germany
Plant	Household- industrial- and bulky waste
Plant capacity	30 Mg/h
Commissioning	2005
Client	Heilit Umwelttechnik, Düsseldorf, Germany

AEZ Erbenschwang (waste management centre)

Location	Erbenschwang, Bavaria, Germany
Plant	Mechanical Residual waste
Plant capacity	40.000 Mg/a
Commissioning	2005
Client	Erbenschwanger Verwertungs- und Abfallentsorgungs-Gesellschaft mbH, Schongau, Germany

Mechanical-biological waste treatment plant Neuss

Location	Neuss, North Rhine-Westphalia, Germany
Plant	MBT
Plant capacity	206,000 Mg/a
Commissioning	July 2001
Client	Trienekens AG, Cologne, Germany

Waste management centre Singhofen

Location	Singhofen, Rhineland-Palatinate, Germany
Plant	Mechanical and biological waste treatment
Plant capacity	45 Mg/h
Commissioning	2000
Client	Rhein-Lahn-Kreis Abfallwirtschaft, Bad Ems, Germany

Waste management centre Bassum

Location	Bassum, Lower Saxony, Germany
Plant	Mechanical and biological waste treatment
Plant capacity	60,000 Mg/a
Commissioning	1997
Client	Sotec, Saarbrücken, Germany

Waste management centre Düren

Location	Düren-Horm, North Rhine-Westphalia, Germany
Plant	Mechanical and biological waste treatment
Plant capacity	180,000 Mg/a
Commissioning	1995
Client	Dürener Deponiegesellschaft (DDG), Düren, Germany

Waste management centre Contarina, Italy

Location	Spresiano (TV), Italy
Plant	Biological waste treatment as well as biowaste and green waste composting System Wendelin and Trimalin
Plant capacity	52,200 Mg/a
Commissioning	2000
Client	Lurgi Entsorgung GmbH, Ratingen, Germany

2. Composting plants

Composting plant **T**oskana

Location	Terranova Toskana, Italy
Plant	Biowaste and green waste composting System Biofix
Plant capacity	44,300 Mg/a
Commissioning	2007
Client	Unieco, Italy

Biowaste composting in combination with mechanical-biological waste treatment, **P**iemont

Location	Piemont, Italy
Plant	Mechanical and biological waste treatment System Biofix
Plant capacity	18,000 Mg/a
Commissioning	May 2004
Client	Unieco, Italy

Composting plant **S**tavanger

Location	Stavanger, Norway
Plant	Biowaste and green waste composting System Biofix
Plant capacity	28,000 Mg/a
Commissioning	2000
Client	IVAR Interkommunalt Vann, Avlops-og Renovasjonsverk, Forus, Norway

Composting plant Contarina

Location	Spresiano (TV), Italy
Plant	Biowaste and green waste composting as well as biological waste treatment System Wendelin and Trimalin
Plant capacity	52,200 Mg/a
Commissioning	2000
Client	Lurgi Entsorgung GmbH, Ratingen, Germany

Composting plant Schwegermoor

Location	Schwegermoor, Lower Saxony, Germany
Plant	Biowaste and green waste composting Optimisation: Tunneled system procedure
Plant capacity	50,000 Mg/a
Commissioning	Autumn 2003
Client	K.R.O., Schwegermoor, Germany

Composting plant Viersen

Location	Viersen, North Rhine-Westphalia, Germany
Plant	Biowaste and green waste composting System Biofix
Plant capacity	50,000 Mg/a
Commissioning	1998
Client	W.U.R.M. GmbH, Viersen, Germany

Composting plant **Goch**

Location	Goch, North Rhine-Westphalia, Germany
Plant	Biowaste and green waste composting System Biofix
Plant capacity	70,000 Mg/a
Commissioning	1998
Client	Schönmackers Umweltdienste, Weeze, Germany

Composting plant **Neuss-Korschenbroich**

Location	Neuss-Korschenbroich, North Rhine- Westphalia, Germany
Plant	Biowaste and green waste composting System Kompoflex
Plant capacity	40,000 Mg/a
Commissioning	1998
Client	W.U.R.M. GmbH, Viersen, Germany

Composting plant **Düsseldorf/Mettmann**

Location	Ratingen, North Rhine-Westphalia, Germany
Plant	Biowaste and green waste composting System Biofix
Plant capacity	35,000 Mg/a
Commissioning	1997
Client	KDM – Kompostierungs- und Vermarktungsges. für Kreis Mettmann mbH, Düsseldorf, Germany

Composting plant **C**ologne-Niehl

Location	Cologne-Niehl, North Rhine-Westphalia, Germany
Plant	Biowaste and green waste composting System Kompoflex
Plant capacity	42,000 Mg/a
Commissioning	1997
Client	AVG Abfallentsorgungs- und Verwertungsgesellschaft Köln mbH, Cologne, Germany

Composting plant **V**ZEK

Location	Erfstadt, North Rhine-Westphalia, Germany
Plant	Biowaste and green waste composting System Kompoflex
Plant capacity	54,000 Mg/a
Commissioning	1997
Client	RWE Umwelt AG, Viersen, Germany

Composting plant **B**ischofsheim

Location	Bischofsheim, Hesse, Germany
Plant	Biowaste and green waste composting, treatment
Plant capacity	30,000 Mg/a
Commissioning	1995
Client	Riedwerke Groß Gerau, Groß Gerau, Germany

Composting plant Lochau

Location	Lochau, Saxony-Anhalt, Germany
Plant	Biowaste and green waste composting System Biofix
Plant capacity	6,500 Mg/a
Commissioning	1994
Client	Mitteldeutsche Umwelt- und Entsorgung GmbH, Braunsbedra, Germany

Composting plant Gut Müttinghoven

Location	Swisttal-Morenhoven, North Rhine- Westphalia, Germany
Plant	Biowaste and green waste composting System Biofix
Plant capacity	12,000 Mg/a
Commissioning	1993
Client	KDM Gut Müttinghoven, Swisttal-Morenhoven, Germany

3. Plants for producing refuse derived fuel (RDF)

Meschede

Location	Meschede, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	30 Mg/h
Commissioning	2005
Client	RWE Umwelt AG, Viersen, Germany

Neuss

Location	Neuss, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	30 Mg/h
Commissioning	2005
Client	RWE Umwelt AG, Viersen, Germany

Bochum

Location	Bochum, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	30 Mg/h
Commissioning	2005
Client	Weber, Bochum, Germany

Kerpen

Location	Kerpen, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	20 Mg/h
Commissioning	2005
Client	Schönmackers, Kerpen, Germany

Asdonkshof

Location	Kamp Lintfort, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	20 Mg/h
Commissioning	2005
Client	KWA, Kreis Wesel, Kamp Lintfort, Germany

Meppen

Location	Meppen, Lower Saxony, Germany
Plant	RDF
Plant capacity	30 Mg/h
Commissioning	2002
Client	Augustin Städtereinigung, Meppen, Germany

Flörsheim

Location	Flörsheim, Hesse, Germany
Plant	RDF
Plant capacity	13 Mg/h
Commissioning	2006
Client	Remondis GmbH, Lünen, Germany

Köln

Location	Köln, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	20 Mg/h
Commissioning	2006
Client	GVG, Köln, Germany

Wels

Location	Wels, Austria
Plant	RDF
Plant capacity	18 Mg/h
Commissioning	2006
Client	Energie AG Wels, Austria

Ihlenberg

Location	Ihlenberg, Mecklenburg Vorpommern
Plant	RDF
Plant capacity	25 Mg/h
Commissioning	2006
Client	RABA Ihlenberg, Selmsdorf, Germany

Halle Lochau

Location	Lochau, Lower Saxony
Plant	RDF
Plant capacity	20 Mg/h
Commissioning	2006
Client	Fehr Umwelt, Döllnitz, Germany

Ennigerloh

Location	Ennigerloh, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	24 Mg/h
Commissioning	2006
Client	EKOWEST, Ennigerloh, Germany

Wiefels

Location	Wiefels, Lower Saxony, Germany
Plant	RDF
Plant capacity	20 Mg/h
Commissioning	2004
Client	GMA, Wangerland, Germany

Delitzsch

Location	Delitzsch, Saxony, Germany
Plant	RDF
Plant capacity	50,000 Mg/a
Commissioning	2000
Client	Kreiswerke Delitzsch, Delitzsch, Germany

2002 fire damage	
New installation and plant extension	
Plant capacity	60,000 Mg/a
Commissioning	2002

AKEA

Location	Erfstadt, North Rhine-Westphalia, Germany
Plant	RDF
Plant capacity	45,000 Mg/a (one-shift-operation)
Commissioning	1998
Client	RWE Umwelt AG, Viersen, Germany

Krefeld

Location	Krefeld, North Rhine-Westphalia, Germany
Plant	Production of pellets as RDF
Plant capacity	13,000 Mg/a (one-shift-operation)
Commissioning	1995
Client	RWE Umwelt AG, Viersen, Germany

Winschoten

Location	Winschoten, The Netherlands
Plant	RDF
Plant capacity	15 Mg/h
Commissioning	2002
Client	AlBra Winschoten bv, Winschoten, The Netherlands

4. Sorting plants for light density material ("Yellow bag")

Automatic sorting plant **Soltau**

Location	Soltau, Lower Saxony
Plant	Sorting plant
Plant capacity	8 Mg/h
Commissioning	2007
Client	Abfallbeseitigung H. Cohrs, Soltau

Automatic sorting plant **Würzburg**

Location	Würzburg, Bavaria
Plant	Sorting plant
Plant capacity	7 Mg/h
Commissioning	2007
Client	Würzburger Recycling GmbH, Würzburg

Automatic sorting plant **Karditsa, Greece**

Location	Karditsa, Greece
Plant	Sorting plant
Plant capacity	5 Mg/h
Commissioning	2005
Client	HE.R.R.Co., Kifissia, Greece

Modification Sorting plant **Herne**

Location	Herne, North Rhine-Westphalia, Germany
Plant	Sorting plant
Plant capacity	12 Mg/h
Commissioning	2005
Client	Cleanaway, Herne, Germany

Modification Automatic sorting plant Breinermoor

Location	Breinermoor, Lower Saxony, Germany
Plant	Sorting plant
Plant capacity	9 Mg/h
Commissioning	2005
Client	GMA, Wangerland, Germany

Modification Automatic sorting plant Essen

Location	Essen, North Rhine-Westphalia, Germany
Plant	Sorting plant
Plant capacity	7 Mg/h
Commissioning	2001
Client	RWE Umwelt AG, Viersen, Germany

Modification Sorting plant Detmold

Location	Detmold, North Rhine-Westphalia, Germany
Plant	Sorting plant
Plant capacity	8 Mg/h
Commissioning	2006
Client	DST-Wertstoffsartierung&Recycling Detmold, Germany

Modification Automatic sorting plant Troisdorf

Location	Troisdorf, North Rhine-Westphalia, Germany
Plant	Sorting plant
Plant capacity	8 Mg/h
Commissioning	2002
Client	Broicher-Grünacher GmbH, Troisdorf, Germany

Automatic sorting plant Cologne-Rodenkirchen

Location	Cologne-Rodenkirchen, North Rhine-Westphalia, Germany
Plant	Sorting plant
Plant capacity	4 Mg/h
Commissioning	2001
Client	RWE Umwelt AG, Viersen, Germany

Sorting plant Backnang

Location	Backnang, Baden-Wuerttemberg, Germany
Plant	Sorting plant
Plant capacity	3 Mg/h
Commissioning	1999
Client	Altvater GmbH & Co., Filderstadt, Germany

Sorting plant Speyerdorf

Location	Speyerdorf, Baden-Wuerttemberg, Germany
Plant	Sorting plant
Plant capacity	3 Mg/h
Commissioning	1999
Client	Altvater GmbH & Co., Filderstadt, Germany

Sorting plant **Achern**

Location	Achern, Baden-Wuerttemberg, Germany
Plant	Sorting plant
Plant capacity	4 Mg/h
Commissioning	March 1998
Client	Mittelbadische Entsorgungs- und Recyclingbetriebe mbH, Bietigheim, Germany

5. Paper treatment

Paper sorting plant **Schwedt**

Location	Schwedt, Brandenburg, Germany
Plant	Sorting plant for paper from households
Plant capacity	20 Mg/h
Commissioning	December 2004
Client	MAD, Munich, Germany

Automatic paper sorting plant **Cologne-Merkenich**

Location	Cologne-Merkenich, North Rhine-Westphalia, Germany
Plant	Automatic paper sorting plant
Plant capacity	14,5 Mg/h
Commissioning	2001
Client	RWE Umwelt AG, Viersen, Germany

Sorting plant **Nützen**

Location	Nützen, Lower Saxony, Germany
Plant	Sorting plant for paper, cardboard and paper board
Plant capacity	12 Mg/h
Commissioning	1999
Client	Brockmann GmbH, Nützen, Germany

Sorting plant **Hamburg**

Location	Hamburg, Germany
Plant	Sorting plant for paper, cardboard and paper board
Plant capacity	13 Mg/h
Commissioning	1999
Client	Cleanaway, Hamburg, Germany

6. MRF (Material Recycling Facility) Sorting plants for dry valuable substances from domestic waste

MRF Rainham

Location	Rainham, Great Britain
Plant	Mechanical waste treatment
Plant capacity	50,000 Mg/a
Commissioning	2001
Client	Cleanaway Limited, Brentwood, Great Britain

MRF Alton

Location	Alton, Great Britain
Plant	Mechanical waste treatment
Plant capacity	24 Mg/h
Commissioning	Autumn 2004
Client	Onyx, Hampshire, Great Britain

MRF Greenwich

Location	Greenwich, Great Britain
Plant	Mechanical waste treatment
Plant capacity	14 Mg/h
Commissioning	Autumn 2004
Client	Cleanaway Limited, Great Britain

order

MRF Berkshire

Location	Berkshire, Great Britain
Plant	Mechanical waste treatment
Plant capacity	15 Mg/h
Commissioning	2008
Client	WRG, Great Britain

order

MRF Hollingdean

Location	Hollingdean, Great Britain
Plant	Mechanical waste treatment
Plant capacity	15 Mg/h
Commissioning	2008
Client	Veolia, Great Britain

order

MRF Nottinghamshire

Location	Nottingham, Great Britain
Plant	Mechanical waste treatment
Plant capacity	24 Mg/h
Commissioning	2008
Client	Veolia, Great Britain

7. Sorting plants for non-toxic industrial waste, construction waste, bulky refuse and pre-sorted domestic waste

Sorting plant **Bitburg**

Location	Bitburg, Rhineland Palatinate, Germany
Plant	Sorting plant for construction waste, industrial waste and bulky refuse
Plant capacity	15 Mg/h
Commissioning	2006
Client	BRG Umweltpark Bitburg

Sorting plant **GVG**

Location	Cologne, North Rhine-Westphalia, Germany
Plant	Sorting plant for industrial waste
Plant capacity	40 Mg/h
Commissioning	2006
Client	GVG Köln, Germany

BMA Gernsheim

Location	Gernsheim, Bavaria, Germany
Plant	Sorting plant for construction waste, industrial waste and bulky refuse
Plant capacity	90,000 Mg/a
Commissioning	1996
Client	Waibel KG, Gernsheim, Germany

Sorting plant **BAV**

Location	Cologne-Heumar, North Rhine-Westphalia, Germany
Plant	Sorting plant for construction waste, industrial waste and bulky refuse
Plant capacity	45 Mg/h
Commissioning	1994
Client	RWE Umwelt AG, Viersen, Germany

Construction waste treatment plant **Neandertal**

Location	Mettmann, North Rhine-Westphalia, Germany
Plant	Sorting plant for construction waste
Plant capacity	45 Mg/h
Commissioning	1994
Client	R+R Rohstoffrückgewinnung und Recycling GmbH, Mettmann, Germany

8. Slag treatment plants located after waste-to-energy plants (MSW incineration plants)

Slag treatment plant Halle

Location	Halle, Saxony Anhalt, Germany
Plant	Slag treatment with extraction of reusable materials and preparation of slag as construction material
Plant capacity	120 Mg/h
Commissioning	2005
Client	Baumann & Burmeister GmbH (Strabag), Germany

Slag treatment plant Illingen

Location	Illingen, Saarland, Germany
Plant	Slag treatment with extraction of reusable materials and preparation of slag as construction material
Plant capacity	180,000 Mg/a
Commissioning	1999
Client	Sotec, Saarbrücken, Germany

Slag treatment plant Cologne-Niehl

Location	Cologne-Niehl, North Rhine-Westphalia, Germany
Plant	Slag treatment with extraction of reusable materials and preparation of slag as construction material
Plant capacity	130,000 Mg/a
Commissioning	1998
Client	AVG Abfallentsorgungs- und Verwertungsgesellschaft Köln mbH, Cologne, Germany

Slag treatment plant MVR Rugenberger Damm, Hamburg

Location	Hamburg, Germany
Plant	Slag treatment with extraction of reusable materials and preparation of slag as construction material
Plant capacity	50 Mg/h
Commissioning	1998
Client	MVR Müllverwertung Rugenberger Damm, Hamburg, Germany

Slag treatment plant Weisweiler

Location	Weisweiler, North Rhine-Westphalia, Germany
Plant	Slag treatment with extraction of reusable materials and preparation of slag as construction material
Plant capacity	100,000 Mg/a
Commissioning	1999
Client	TRAWA, Aachen, Germany

9. Plants for the mechanical pre-treatment of domestic waste before thermal treatment

Pre-treatment plant **Solucom**

Location	Leudelange, Luxembourg
Plant	Mechanical pre-treatment of domestic waste before thermal treatment
Plant capacity	20,000 Mg/a
Commissioning	2001
Client	Solucom, Luxembourg

Pre-treatment plant **Cologne-Niehl**

Location	Cologne-Niehl, North Rhine-Westphalia, Germany
Plant	Mechanical pre-treatment of domestic waste before thermal treatment
Plant capacity	660,000 Mg/a
Commissioning, modification and extension	February 1996 until 2000
Client	AVG Abfallentsorgungs- und Verwertungsgesellschaft Köln mbH, Cologne, Germany

Pre-treatment plant **Leverkusen**

Location	Leverkusen, North Rhine-Westphalia, Germany
Plant	Mechanical pre-treatment of domestic waste before thermal treatment
Plant capacity	38,500 Mg/a
Commissioning	1994
Client	AWL Abfallwirtschaftsgesellschaft, Leverkusen, Germany

10. Conveying equipment

Gipswerke Lochau

Location	Lochau, Saxony-Anhalt, Germany
Plant	Conveying equipment
Plant capacity	380 Mg/h
Commissioning	1998
Client	Gipswerke Lochau GmbH, Döllnitz, Germany

Plant for pre-treatment and crushing of bulky waste, Rotterdam

Location	Rotterdam, The Netherlands
Plant	Conveying equipment
Plant capacity	50 Mg/h
Commissioning	2002
Client	Rentec, Pittem, Belgium for AVR, Rotterdam, The Netherlands

Plant for RDF in Austria

Location	Sankt Pantaleon, Austria
Plant	Conveying equipment and air separation
Plant capacity	8 Mg/h
Commissioning	2006
Client	Neuhauser, Austria

Order

Plant for data destruction Cologne

Location	Cologne, North Rhine-Westphalia
Plant	Conveying equipment and measuring units
Plant capacity	10 Mg/h
Commissioning	2007
Client	Bruckmann, Cologne

11. Wood treatment plant

Order

Wood treatment plant Vossenack

Location	Düren, North Rhine-Westphalia, Germany
Plant	Treatment plant for the production of wood chips and pellets
Plant capacity	65,000 Mg/a
Commissioning	2007
Client	STAWAG, Aachen

12. Fermentation plant

Fermentation plant Mülheim a.d.R.

Location	Mülheim a.d.R., North Rhine-Westphalia, Germany
Plant	Fermentation plant for biowaste and food waste
Plant capacity	22,000 Mg/a
Commissioning	Autumn 2004
Client	MEG Mülheimer Entsorgungsges., Mülheim an der Ruhr, Germany