

CHP CO-GENERATION PLANT
PROCESS STEAM PLANT
HOT WATER PLANT







CHP PLANT

4 – 13

Plant for the co-generation of heat and electricity for the best possible utilisation of biomass fuels.

PROCESS STEAM PLANT 14 – 19

Plant for the generation of low and high pressure industrial process steam from biomass.

HOT WATER PLANT 20 – 25

Plant for the generation of hot water for industrial applications and for district heating systems.

URBAS CHP PLANT

Combined Heat and Power

Combined generation (co-generation) of heat and electricity guarantees maximum efficiency when recycling biomass fuels. URBAS offers a choice of solutions which includes the complete turn-key package of URBAS CHP plant on the basis of the steam cycle process.











Bioenergy Bardejov s.r.o.

location: Bardejov, Slovakia industrial: District heating output: 35 t/h, 65 bar 8 MW_{el} 20 MW_{th}

URBAS CHP PLANT







BioMa Energie AG

location: St. Andrä, Austria industrial: District heating output: 26 t/h, 65 bar 5,9 MW_{el} 14,9 MW_{th}



Biomasse Heizkraftwerk Ybbs GmbH

location: Ybbs, Austria industrial: District heating output:: 29 t/h, 26 bar 5 MW_{el} 18,5 MW_{th}



Bioenergieverbund Amstetten GmbH

location: Amstetten, Austria industrial: District heating output: 26 t/h, 65 bar 5,9 MW_{el} 14,9 MW_{th}

URBAS CHP PLANT



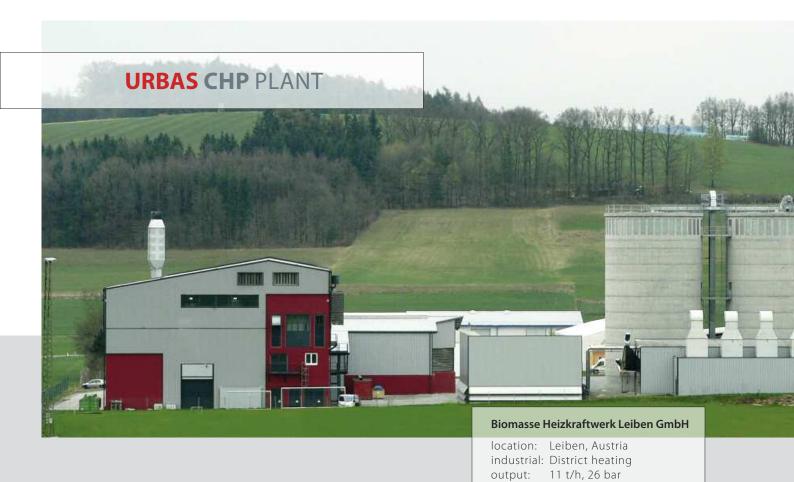




picture of installation

HIT Holzindustrie Torgau OHG

location: Torgau, Germany industrial: Timber industry 13 t/h, 26 bar 2,4 MW_{el} 8,3 MW_{th} output:







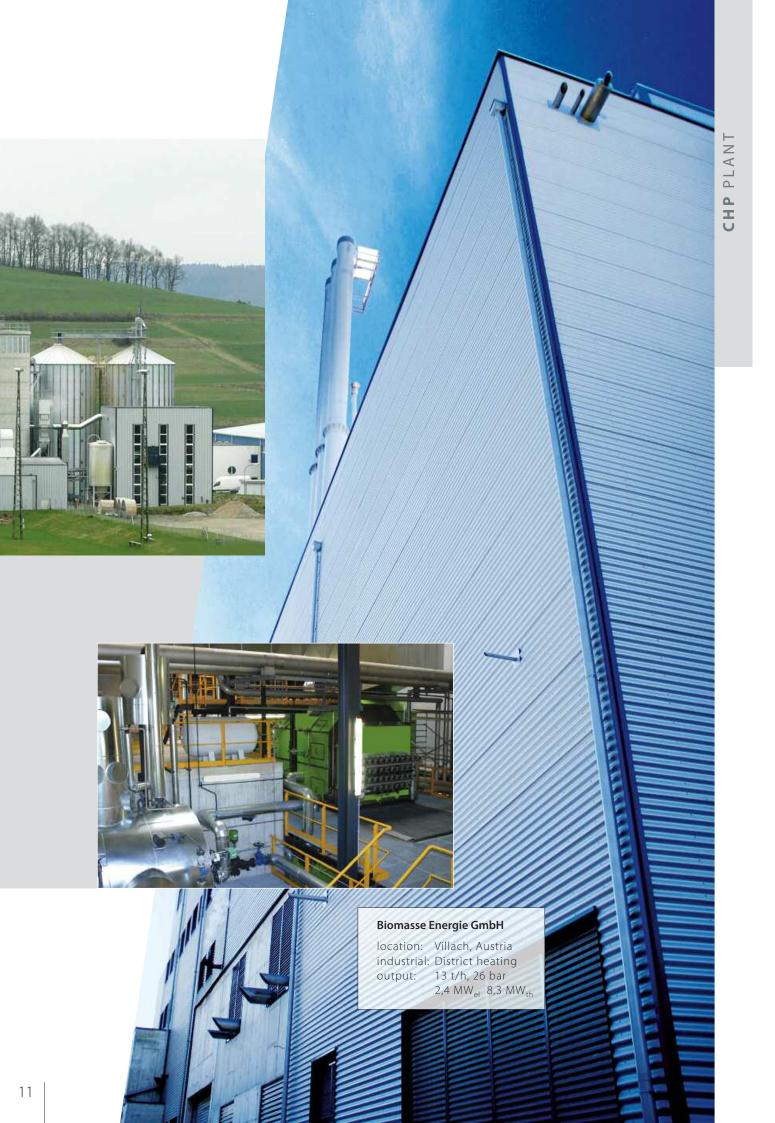
2,0 MW_{el} 7,2 MW_{th}

Brunner-Stern GmbH

location: Hohenberg, Austria industrial: District heating output: 7,4 t/h, 26 bar 1,7 MW_{el} 4,5 MW_{th}

Bioenergiezentrum GmbH

location: Klagenfurt, Austria industrial: District heating output: 26 t/h, 65 bar 5,2 MW_{el} 15,9 MW_{th}



URBAS CHP PLANT







picture of installation



Bioenergy Topolcany s.r.o.

location: Topolcany, Slovakia industrial: District heating output: 35 t/h, 65 bar 8 MW_{el} 20 MW_{th}





SC Holzindustrie Schweighofer SRL

location: Sebes, Romania industrial: Sawmill industry output: 40 t/h, 65 bar 8,7 MW_{el} 23,4 MW_{th}

URBAS PROCESS STEAM PLANT

Process Steam Plant

Many production processes in food, dairy, brewery, pharmaceuticals, and other industrial applications require steam with an accurately defined quality and quantity. Whether low-pressure steam or high-pressure steam, URBAS provides mature, complete solutions for all requirements.



picture of installation

Pfizer Manufacturing Deutschland GmbH

location: Freiburg, Germany industrial: Pharmaceuticals industry

output: 5 t/h, 8 bar



URBAS PROCESS STEAM PLANT

Novartis Pharma Produktions GmbH

location: Wehr, Germany

industrial: Pharmaceuticals industry

output: 2 t/h, 8 bar











URBAS PROCESS STEAM PLANT



Energie Contracting Heidelberg AG

location: Rothaus Brewery

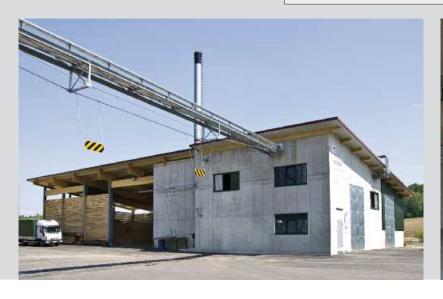
Grafenhausen-Rothaus,

Germany

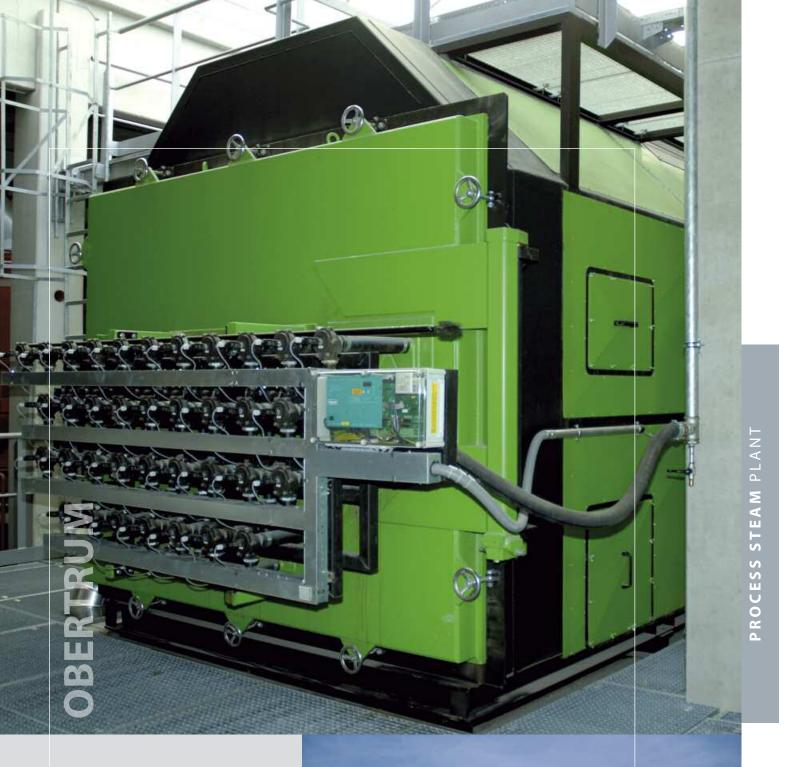
industrial: Brewery output: 4,5 t/h, 10 bar

Gsellmann Mischfuttererzeugung GmbH

location: Gnas, Austria industrial: Feed industry output: 1 t/h, 8 bar







Nahwärme Obertrum am See GmbH

location: Obertrum am See, Austria

industrial: District heating output: 9 t/h, 12 bar

URBAS HOT WATER PLANT

Hot Water Plant

URBAS supplies biomass boiler systems with an output range of 1 – 50 MW as energy supply for industrial applications and district heating networks.

The tried, tested and proven complete solutions packages are customised to the requirements of the customer, starting with fuel logistics, continuing with the firing technology, flue gas treatment and de-ashing, up to the energy distribution.





URBAS HOT WATER PLANT





picture of installation

Klausner Holz Thüringen GmbH

location: Saalburg-Ebersdorf,

Germany

industrial: Sawmill industry output: 20 MW, 120 °C, 6 bar

S.A. Farges Pére et Fils

location: Egletons, France industrial: Sawmill industry output: 6 MW, 110 °C, 4 bar



Pölkky Oy

location: Taivalkoski, Finland industrial: District heating output: 12 MW, 140 °C, 8 bar

URBAS HOT WATER PLANT

Camphill Community Glencraig

location: Belfast, Northern Ireland industrial: District heating output: 1 MW, 110 °C, 7 bar



Ilim Timber Bavaria GmbH

location: Landsberg, Germany industrial: Sawmill industry output: 20 MW, 120 °C, 6 bar

Eko Toplota d.o.

location: Lenart, Slovenia industrial: District heating output: 3,5 MW, 120 °C, 16 bar





Stadtwerke Mürzzuschlag GmbH

location: Mürzzuschlag, Austria industrial: District heating output: 2 MW, 110 °C, 6 bar



EVN Wärme GmbH

location: Ternitz, Austria industrial: District heating output: 10 MW, 110 °C, 16 bar

livari Mononen Oy

location: Höljäkkä, Finland industrial: Sawmill industry output: 5 MW, 165 °C, 15 bar





Bio-Fernwärme Haid GmbH

location: Haid, Austria industrial: District heating output: 6 MW, 110 °C, 6 bar



Mayr-Melnhof Holz Russland Beteiligung GmbH

location: Efimovskij, Russia industrial: Sawmill industry output: 20 MW, 110 °C, 6 bar



URBAS COMPETENCE

The outstanding competence of URBAS is found in the combination of planning, manufacturing, installation and maintenance of biomass energy plant and equipment.

Highly qualified dedicated staff who are trained in the company's own internal training workshops, as well as the latest manufacturing and testing procedures guarantee the quality of URBAS plant. URBAS continuously develops new innovative energy systems and components in the company's own "Energy Research Centre" in order to expand its know-how in the field of biomass technology and to maintain its technological leadership.

Large-scale manufacturing facilities enable URBAS to prefabricate and deliver completed pieces of equipment with unit weights up to 150 tons. The company can also handle logistically challenging projects in a flexible way with its own special heavy loading equipment and its own rail connection. So far, URBAS has installed more than 1,000 plant, which prove their worth in daily operation – the best competence has been acquired over decades.

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www.urbas.at

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