

Reference list for selected CHP projects of Mac Aggregate GmbH/ energetic maxima KG ferventis

Vegetable and palm oil CHP

80 kVA

Industrial facility close to **Cologne, Germany**, MWM 226 power plant, with full thermal use, sound capsule solution, heating of the production and the office building

Industrial facility close to **Crailsheim, Germany**, MWM 226 power plant, with full thermal use, Container solution, heating of the production and the office building

200 kVA

Wood processing plant close to **Stuttgart, Germany**, Scania 5 Cylinder, with full thermal use, Container solution, wood drying

Industrial and assembly plant close to **Donauwoerth, Germany**, Scania 5 Cylinder, power reduced to 150 kW, with full thermal use, container solution, heating of the production

400 kVA

Large nursery close to **Mannheim, Germany**, MAN 2842 power plant, with full thermal use, Container solution, heating of the greenhouse

Pre cast concrete plant close to **Mannheim, Germany**, MAN 2842 Power plant, Container solution, with full thermal use, heating of the concrete production process in winter and cooling via refrigerating machine in summer

Public pool close to **Lampertheim, Germany**, MAN 2842 power plant, with full thermal use, container solution with extend sound requirements down to 55dB(A), heating of the pool

Energy center close to **Sinsheim, Germany**, MAN 2842 power plant, with full thermal use, Container solution, heating of the soccer stadium including heating of the lawn in the pitch, emergency power supply for the stadium, cooling of the stadium office via refrigerating machine in summer

Bio Gas CHP

50 kVA

Pig breeding close to **Suncheon City Korea**, Liebherr G 924 power plant, including control of the bio gas production, with full thermal use, container solution, heating of the fermenter and drying of the manure after the fermenter so that it will be converted into fertilizer

250 kVA

Cattle breeding close to **Teresino, Ukraine**, MAN E 2848 power plant, including control of the bio gas production, with full thermal use, container solution, heating of the milking parlour and heating of the fermenter

Energy central close to **Roding, Germany**, MAN 2848 power plant, full thermal use, container solution, feeding into the local district heating network



380 kVA

Farm close to **Magdeburg, Germany**, MDE MB3042 L5 power plant, with full thermal use, container solution, feeding into the local district heating network

Industrial plant close to **Kiel, Germany**, MDE MB3042 L5 power plant with full thermal use, feeding into the company's district heating network and heating process water

500 kVA

Farm with Castle close to **Irlbach, Germany**, MWM 2016 V12 power plant, with full thermal use, container solution, heating of the administration building and heating of the castle

Farm close to **Berlin, Germany**, MWM 2016 V12 power plant, with full thermal use, container solution, heating of nearby hospital

700 kVA

Farm close to **Kitzingen, Germany**, MWM 2016 V12 power plant, with full thermal use, container solution, feeding into a nearby district heating plant

Farm close to **Braunschweig, Germany**, MWM 2016 V12 power plant, with full thermal use, container solution, heating of a nearby village

Natural gas CHP

380 kVA

Soda manufacturer close to **Muenster, Germany**, MDE MB3042 I5 power plant, with full thermal use, container solution, heating of the bottle sterilization

500 kVA

Military hospital close to **Athens, Greece**, MWM 2016 V12 power plant, with full thermal use, container solution, heating of the hospital

1000 kVA

Industrial plant close to **Heilbronn, Germany**, MWM 2020 V12 power plant, with full thermal use, container solution, with extend noise requirements down to 50 dB(A), heating of the plant and process heat

1500 kVA

Industrial plant close to **Gabun, Nigeria**, MWM 2020 V16 power plant, with partial thermal use, and emergency power supply and isolated operation, heating of the office building

2000 kVA

Industrial plant in **Siberia, Russia**, MWM 2020 V20 power plant, with full thermal use, container solution, heating of the plant and process heat for the natural gas production. Container fitted for minus 40 °C

Sewage treatment gas CHP

190 kVA

Plant close to **Pfaffenhofen, Germany**, MAN E 2857 LE 302 power plant, full thermal use, CHP module built into an existing building, heating of the sewage tower

700 kVA

Plant close to **Mannheim, Germany**, MWM 2016 V16 power plant, full thermal use, container solution, feeding into the local district heating network, engine driving a compressor, no electricity production

Plant close to **Amberg Germany**, MWM 2016 V16 power plant, full thermal use, heating the complete plant

Coal mining gas CHP

1500 kVA

Mine close to **Huainan, China**, MWM 2020 V16 power plant, partial thermal use, container solution, heating of the coalmine

2000 kVA

Mine close to **Xischan, China**, MWM 2020 V20 with partial thermal use, container solution, heating of the coalmine

Garbage dump gas CHP

1500 kVA

Dump close to **Genk, Brussels**, MWM 2020 V16 power plant, with full thermal use, container solution, feeding into the public district heating network