

**References Technical building equipment**

<b>Project</b>	<b>Location</b>	<b>Technical Data</b>	<b>Service UTEK</b>	<b>Customer</b>	<b>Year</b>
<b>Food industrie</b>	Verden	Preparation of an external supply of steam by an biomass-plant (wood chips)	draft planning, cost estimation, economic evaluation	Badenhop KG	2016
<b>Municipal archive</b>	Bremen	Climatisation of the archive of the town Lüneburg	planning, bids for tender, supervision	Lüwobau GmbH	2016 -2017
<b>Residential complex</b>	Bremen	Reconstruction of the district heating of a quarter of 319 households, length of 700 m	planning, bids for tender, supervision	GEWOBA AG	2016
<b>Residential complex</b>	Bremen	Rehabilitation of heat production and distribution in a residential complex with 13 units	planning, bids for tender, supervision	Eigentümer-gemeinschaft	2016 -2017
<b>Gymnasium</b>	Stade	Rehabilitation of heating system (520 kW) with cogeneration (20 kW <sub>el</sub> )	planning, bids for tender, supervision	Landkreis Stade	2016
<b>Chemical industry</b>	Bremen	Reconstruction of a refrigerating plant for process purposes (2 x 80 kW)	planning, bids for tender, supervision	Industrie	2015 -2016
<b>Theatre</b>	Lüneburg	Rehabilitation of heating and ventilation system	planning, bids for tender, supervision	Theater Lüneburg	2015
<b>Car dealer</b>	Osterholz-Scharmbeck	Heating system 2 x 170 kW natural gas, Integration of 2 CHP, heat distribution	planning, bids for tender, supervision	Autohaus Schmolke	2014 2015
<b>School complex</b>	Stade	Rehabilitation of heating system 1 x 500 kW wood chips 1 x 720 kW / 1 x 575 kW	planning, bids for tender, supervision	Stadt Winsen	2015
<b>Church</b>	Bremen	Rehabilitation of heat supply for a protected church	planning, bids for tender, supervision	Bremische Ev. Kirche	2014
<b>School</b>	Winsen	Reconstruction of heating and distribution systems	planning, bids for tender, supervision	Stadt Winsen	2015

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<b>Local Heating</b>	Langendorf	Heat central with biogas and fuel oil, 560 kW integration of biogas-heat in the existing system	planning, bids for tender, supervision	Naturgas Langendorf	2014
<b>Local heating residential buildings</b>	Lüneburg	New heating system with local heat for 20 multi-family homes	Concept, pre- and detail planning, bids for tender, supervision	Lüwobau	2013/ -2014
<b>Heating church</b>	Bremen Findorff	Renovation of heat generation and building control systems for heat distribution	Concept, pre- and detail planning, bids for tender, supervision	Bremische E.V. Kirche	2013
<b>Heating housing</b>	Buxtehude	Renewal of a central heating system and heat composite of several residential buildings	Concept, pre- and detail planning, bids for tender, supervision	Stadtwerke Buxtehude	2013
<b>Free cooling</b>	Wiefels	Building of a free cooling for the aerobic stage of the MBA	Concept, pre- and detail planning, bids for tender, supervision	AWZ Wiefels	2012
<b>Heat church</b>	Bremen Schwachhausen	Renovation of heat generation and building control systems for heat distribution	Concept, pre- and detail planning, bids for tender, supervision	Bremische E.V. Kirche	2012
<b>Heating system Rotenburg</b>	LK Rotenburg Niedersachsen	District heating system for hospital and institution for disabled	Concept, pre- and detail planning, bids for tender, supervision, commissioning	Stadtwerke Rotenburg	2010 -2012
<b>BGA Quitzow</b>	Quitzow Brandenburg	Heat connection of a newly built biogas plant to a neighbouring large slaughterhouse for the purpose of heat input	Concept, pre- and detail planning, bids for tender, supervision, commissioning	Agrargenossenschaft Quitzow	2010 -2011
<b>Rehab Center Gyhum</b>	Gyhum Niedersachsen	Rehabilitation of thermal heat generation and heating connection of an nearby biogas plant for the purpose of heat input	Pre- and detail planning, bids for tender	EWE AG	2010 -2011
<b>Market gardening</b>	LK Emden Niedersachsen	Construction of a greenhouse system with highly efficient heat supply	Coordination, supervision of construction, advisory services	EWE AG	2010

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<b>Indoor swimming pool</b>	Emmerich	Rehabilitation and expansion of the heat supply for the indoor pool "Embricana"	planning, bids for tender, supervision	Stadtwerke Emmerich	2010
<b>Meeting House</b>	Bredbeck Niedersachsen	Renovation of heat generation and ventilation system for the kitchen	planning, bids for tender, supervision	LK Osterholz	2010
<b>Schools, sports hall</b>	Verden (Aller) Niedersachsen	Rehabilitation of heating system, installation of a wood chip boiler and a local heating network	planning, bids for tender, supervision	Stadt Verden	2010
<b>School, sports hall</b>	Bredbeck Niedersachsen	Rehabilitation of a heat distribution system, installation of a wood chip boiler with heating network	planning, bids for tender, supervision	Stadt Verden	2010
<b>Recycling plant</b>	Dorsten	Construction of a permanent establishment	planning, bids for tender, supervision	DELA GmbH	2009 -2010
<b>Cooling Airport Bremen</b>	Bremen	Renewal of the cooling system in Bremen Airport, integration into the existing control system	planning, bids for tender, supervision	Airport Bremen GmbH	2009 -2010
<b>Schools</b>	Zeven Niedersachsen	Extension and conversion of GS Gosekamp, heating, ventilation, sanitary	planning, bids for tender, supervision	Samtgemeinde Zeven	2008 -2009
<b>Schools, sports hall</b>	Zeven Niedersachsen	Rehabilitation of a heat distribution system in conjunction with the installation of a radiant ceiling heating in the Gosekampshalle, as well as renewal of hot water generation	planning, bids for tender, supervision	Samtgemeinde Zeven	2008
<b>Town hall</b>	Zeven Niedersachsen	Rehabilitation of ventilation and air conditioning for meeting rooms	planning, bids for tender, supervision	Samtgemeinde Zeven	2008
<b>Waste heat utilization</b>	Bremerhaven	Utilization of waste heat from refrigerator for water pre heating	planning, bids for tender, supervision	Schlachthof Unterweser Cordts	2007

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<b>Waste heat utilization</b>	Bremerhaven	Utilization of waste heat from refrigerator for water pre heating	detail planning, bids for tender, supervision	Frosta AG	2007
<b>Plastic Treatment Plant</b>	Magdeburg	renewal and restoration of all cabinets including the MS-feeding in a plastic treatment plant	planning, bids for tender, supervision	RELUX	2007
<b>Central Heating Dwellings</b>	Bremen	installation of condensing boilers in 18 terraced dwellings	detail planning, supervision, commissioning	GBI	2005
<b>Orphanage</b>	Bremen	installations of a system with cogeneration, district heating, solar energy for hot water and electricity as a result of an energy concept	detail planning, supervision, commissioning	St. Petri Kinder- und Jugendheim	2003 -2005
<b>Heating System</b>	Thedinghausen Niedersachsen	restauration of boilers and district heating in a nursery and gymnasium	detail planning, supervision, commissioning	Samtgemeinde Thedinghausen	2005
<b>Schools</b>	Stuhr Niedersachsen	Extension of a School, KGS Moordeich, heating, ventilation, climatization, stage 1 - 4	detail planning, supervision, commissioning	Gemeinde Stuhr	2000 -2005
<b>Town Hall</b>	Stuhr Biedersachsen	central control system for heating and ventilation installations in Stuhr Town Hall	detail planning, supervision, commissioning	Gemeinde Stuhr,	2002
<b>Schools</b>	Ahlhorn Niedersachsen	restauration of the boilers with a wood chip combustion (300 kW) and natural gas boiler (600 kW), wood chip storage, distributor	detail planning, supervision, commissioning	Gemeinde Großenkneten	2002
<b>Office and Storage Building</b>	Stuhr Niedersachsen	heating system, ventilation with heat recovery and ground water heat exchanger	detail planning, supervision, commissioning	business	2001
<b>Schools</b>	Niedersachsen	restauration of several boilers, ventilations and distributions	detail planning, supervision, commissioning	cities	1008

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<b>Swimming Baths</b>	Ottersberg Niedersachsen	restauration of the ventilation system and hot water production	detail planning, supervision, commissioning	Flecken Ottersberg,	1999 -2001
<b>Passiv House Office Building</b>	Bremen	passive house project	concept, planning	private	2000
<b>Residential Complex</b>		Construction of a residential complex for the disabled, building a central control system with load management	concept, planning	private	1997 -1998
<b>Lightning Gymnasium</b>	Stuhr/Weyhe Niedersachsen	Restauration of the lightning system in 3 gyms, installation of continuous adjustable lights	detail planning, supervision, commissioning	Gemeinden Stuhr und Weyhe	1997
<b>Krankenhaus</b>	Bremen	restauration with condensing boilers, central control system (DDC)	detail planning, supervision, commissioning	Roland Hospital	1997
<b>Dock Pumps Shipyard</b>	Bremerhaven	restauration of 5 dock ancient steam driven pumps with electrically driven pumps	detail planning, supervision, commissioning	Industry	1998
<b>Central Heating Station</b>	Barth Mecklenb.-Vorp.	Installation of a new central heating station (9 MWth) with cogeneration plant (3 x 800 kWel)	draft- and detail planning, supervision, commissioning	Stadtwerke Barth,	1993 -1998
<b>Wood Chip District Heating</b>	Verden (Aller) Niedersachsen	central heating station with wood chips (3 MW), district heating	draft- and detail planning, supervision, commissioning	Stadtwerke Verden	1997
<b>Wastewater Treatment Plant</b>	Bremen	restoration of the biogas installations	draft- and detail planning, supervision, commissioning	Bremer Entsorg.- betriebe	1995
<b>District Heating</b>	Diepholz Niedersachsen	district heating with condensing boiler; low energy demand buildings	draft- and detail planning, supervision, commissioning	Stadtwerke Diepholz	1994