

References Energy Analysis, Consulting

Project	Location	Technical Data	Service UTEK	Customer	Year
Energy Analysis Industry	Bremen	Bremen businesses and industries	several energy analyses within the "Bremer Gewerbe Impulsprogramm"	Bremer E-Konsens, GmbH	2004 -2007
Optimizing Construction Planning	Verden (Aller)	3 schools and 3 gymns in the city of Verden	energetic optimization of planned remediation and constructions; controlling after completion	Stadt Verden,	2000 -2007
Industry	Metropolregion Bremen/Oldenburg	8 different industries	energy analyses within the "Effizientisch NordWest"	BEKS Energieeffizienz GmbH	2007
Cogeneration with District Heating	Bremen	cogeneration plant for a big central heating station in the city center of Bremen	draft- and concept planning, economical evaluation	Senator für Bau und Umwelt Bremen	2007
Cogeneration with Bio-Methane	Minden-Lübbecke	treating biogas to bio-methane, feed into the natural gas pipeline; utilization in 3 decentral cogeneration plants in municipal properties in Minden-Lübbecke county	draft planning, concept	AML Immobilien	2007
Central Heating System with Cogeneration	Rotenburg (W.)	remediation of a central heating station with steam production (13 MWth, 2,5 t/h Dampf) and biogas cogeneration (3 x 500 kWel)	draft planning, concept, economical evaluation	Stadtwerke Rotenburg	2007
Heat Production Hospital	Osterholz-Scharmbek	central heating system with cogeneration for a hospital	draft planning, concept, economical evaluation	Stadtwerke OHZ	2007
Energy Savings inn Swimming Baths	Bremen	7 swimming baths of Bremer Bäder GmbH	support to activate the non- and small-investive energy saving potential	Bremer E-Konsens, GmbH	2004 -2006
Waste Heat	Bremen	calculating the waste heat potential in industry	data research, balances, developing a concept for waste heat utilization	Industrie	2006
Energy Supply Concept	LK Nienburg	steam production for a laundry based on renewable energies	draft planning, concept, economical evaluation	Stadtwerke Ettingen	2006

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<i>District Heating</i>	Verden(Aller)	district heating with CHP or wood combustion for municipal properties in Verden	draft planning, concept, economical evaluation	Stadt Verden,	2006
<i>Heat Production in Public Buildings</i>	Minden-Lübbecke	potential applications for renewable energies (wood chips) in 4 large public buildings in Minden-Lübbecke county	draft planning, concept, economical evaluation	AML Immobilien	2006
<i>Gas Turbine</i>	Bremen	gas turbine in industry for the production of steam and electricity	draft planning, concept, economical evaluation	Industrie	2006
<i>Cogeneration Plant</i>	Rotenburg (W.)	cogeneration plant in a central heating station (ca. 3 MWel)	concept	Stadtwerke Rotenburg	2006
<i>District Heating</i>	Lilienthal Niedersachsen	existing district heating	evaluation of the cost- and energetic situation	Gemeindewerke Lilienthal	2005
<i>Greenhouse</i>	Celle	energy savings in a greenhouse company	commission and short evaluation	business	2005
<i>Restaurating Cogeneration Wastewater Treatment Plant</i>	Bremen	cogeneration plant in the wastewater treatment plant in Bremen Farge, possibilities of innovative electricity production	remediation concept, cost estimation, economical evaluation	Hansewasser Bremen	2005
<i>Non- and Small Investive Energy Savings</i>	Bremen	hospital, swimming baths	analysis to activate the non- and small-investive energy saving potential	Bremer E-Konsens, GmbH	2004
<i>Energy analysis Public Transport Company</i>	Bremen	remediation of the central properties of Bremer Verkehrsbetriebe (BSAG)	energetic analysis of innovative ideas and solutions	Bremer E-Konsens, GmbH	2004
<i>Heat supply Hpusing</i>	Bremen	heat supply for housing (56 and 18 houses)	draft planning, concept, economical evaluation	GBI Bremen,	2004

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Ventilation Lights	Bremen	R&D-project „Ventilation Lights“; technical development, validation of the air quality measurements (TOC, humidity, temperature) to support ventilation habits in housing	head of project, in cooperation with Bremer Umweltinstitut and bremer energie-institut	BMW, Bremer Energie-Konsens,	2004
Energy Savings Industry	Wismar	heat demand of a shipyard, energy saving potentials, especially conservation processes	draft planning, concept, economical evaluation	industry	2003
Competition "Remediation of a School"	Bremen	competition "Remediation and Extention of a School Center In den Sandwehen in Bremen-Blumenthal"	concept in cooperation with Prof. Ingo Gabriel, Oldenburg	Bremer Energie-Konsens GmbH	2003
Cogeneration Wastewater Treatment Plant	Delmenhorst	Cogeneration plant on the wastewater treatment plant Delmenhorst	draft planning, remediation concept, economical evaluation	SW Delmenhorst	2003
Central Heating Station with CHP	Soltau	central heating station „Soltau-Therme“ with CHP (7 MW _{th} , 1,8 MW _{el})	draft planning, remediation concept, economical evaluation	Stadtwerke Soltau	2003
Energy Analysis Parliament Building	Bremen	building of the Bremen Parliament (Bremisches Haus der Bürgerschaft)	energy savings	Bremer E-Konsens, GmbH	2002
Orphanage	Bremen	heat and electricity saving concept	energy concept	St. Petri Kinder- u. Jugendhilfe	2002
CHP Home for Aged	Emmerich	CHP for a home for aged	energy concept	SW Emmerich	2002
Energy Balance	Verden	biomasse CHP for industry	feasibility study with energy balance and potentials	Industrie	2002
Mobile Heat Supply with Wood Chips	Harpstedt	district heating with wood chip heating, transportable boiler	prefeasibility study	Samtgemeinde Harpstedt	2002
Wood Combustion	Bremen	biomasse heating center with district heating for industrial and public consumers	prefeasibility study	private	2002

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<i>Municipal Properties</i>	Minden-Lübbecke Nordrhein-Westf.	remediation of all municipal properties of Minden-Lübbecke county	analysis to activate energy saving potentials	Kreis Minden- Lübbecke	2000
<i>School as Passive House</i>	Bremen	heating and ventilation system of the first ever passive house school building	concept	private	2000
<i>Energy Analysis Business</i>	Laatzen Niedersachsen	slaughterhouse	energy savings	Gewerbe,	1999 -2000
<i>Energy Analysis Business</i>	Wilhelmshaven Niedersachsen	slaughterhouse	energy savings	Gewerbe,	1999 -2000
<i>Consultations</i>	Land Bremen	subsidies in the energy policy of Bremen Country (waste heat utilization, CHP, low-energy housing)	technical consultations, project akquisition, processing subsidy applications from business and housing companies	Senator für Umweltschutz Bremen	1992 -1999
<i>Wood Chip Heating</i>	Verden	industrial heating center with wood chips and CHP, steam production approx. 10 t/h, steam engine as option	feasibility study, economical evaluation	Industrie	1999
<i>District Heating with CHP</i>	Harsefeld	district heating with CHP	feasibility study, economical evaluation	Flecken Harsefeld	1999
<i>Heating Techniques in Public Buildings</i>	Bremerhaven	heating systems of all municipal buildings in Bremerhaven	data research, evaluation of today's value and the costs for remediation	Stadtwerke Bremerhaven	1997
<i>Heat and Refrigeration Production Ice Skating Hall</i>	Bremen	heat and refrigeration production for an ice scatinh hall in Bremen	comparing analysis of alternative technical systems	Stadtwerke Bremen	1997
<i>Energy Concept Shipyard</i>	Kiel	remediation of a shipyard in Kiel: heat supply of a part of the shipyard area with district heating, CHP, saving potentials, wood chip combustion, utilization of renewable energies	energetic remediation concept, concept, consultations	Industrie,	1995 1996

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CHP Swimming Bath	Emmerich	remediation of CHP in the swimming baths Embricana (2 x 495 kWel)	remediation and optimization concept	Stadtwerke Emmerich	1995
Housing	Bremen	CHP for a future district heating on a former industrial area in Bremen-Grohn to be used for housing, including existing housing in the neighborhood	heating supply concept, potentials	Senator für Umweltschutz Bremen	1995
CHP in Schools	Bremen	application potentials for CHP in 13 Bremen schools	study including the technical and economical aspects	Sen. f. Umweltsch. Bremen	1995
CHP Hospital	Delmenhorst	remediation of a hospital, energy savings, CHP	energy savings concept	Stadtwerke Delmenhorst	1994
Industrial Area	Bremen	district heating for an industrial area, waste heat utilization from steelworks in Bremen	energy savings concept, estimation of the heat demand	HIBEG	1994
CHP Wastewater Treatment Plant	Schleswig-Holstein	CHP on wastewater treatment plants	recommendations for existing wastewater treatment plants in Schleswig-Holstein country	Energieministerium Kiel,	1994
Compact Shipyard	Wismar	heat supply concept for a shipyard in Wismar, heating center with CHP (2 x 450 kWel),	construction concept	MTW	1993
Remediation Barracks	Delmenhorst	CHP for former barracks	heating supply concept, draft planning, economical evaluation	Stadtwerke Delmenhorst	1993
Energy Concept Shipyard	Bremerhaven	Lloyd- shipyard in Bremerhaven: remediation of the dock pumps, CHP, diese generators, power supply, tariff consultations, wind power	energetical remediation concept	industry	1993
Energy Concept Wastewater Treatment Plant	Bremen	CHP- and waste heat potentials in the wastewater treatment plant in Bremen-Seehausen	energy concept	Stadt Bremen	1990

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<i>CHP Potentials</i>	Minden	CHP-potentials for several districts of the cities of Espelkamp and Hüllhorst.	potentials, mainly municipal properties and business	Landkreis Minden-Lübbecke	1989
