

Umwelt- und Ingenieurtechnik GmbH Dresden

»Milestones in Water Technology«

Year	Project	Specification
1994 - 1996	Incineration plant for explosives, fuel, etc.	Prime contractor for design and construction
1995 - 1996	Mobile mercury reclamation plant	Prime contractor for design and construction
1995 - 1997	HDS Technology	Development of the modified HDS technology (HDS - high density sludge) for the efficient treatment of AMD wastewater (sulfates, heavy metals, radionuclides)
1998 - 2003	Remediation of uranium contaminated sites of WISMUT GmbH	Planning, construction management and commissioning of the process stage uranium disposal in the former uranium leaching mine Königstein
		Planning, construction management and commissioning of the AMD waste water treatment plant for the former pit complexes Königstein and Ronneburg (after HDS technology)
Since 2002	Mobile pilot (container) for waste water treatment	Planning, construction and operation of a pilot container for well-targeted technology development
Since 2004	Statutory engineering approval (BImSchG, WHG, EIA)	Complete engineering approval procedures for wastewater treatment plants and treatment plants for liquid waste
2005 - 2009	Groundwater treatment Düsseldorf	Phases I through IX of HOAI for 2 groundwater treatment plants (120 and 60 m ³ /h) for the pollutants: chromate and CHC
2005 – 2007	Pilot plant for lactic acid production from renewable resources	Prime contractor for the design and construction of a pilot plant in an industrial scale

Since 2006	In situ neutralization of mining lakes of LMBV mbH	Treatment of large volumes of acidic water body by efficient entry of neutralizing agents in conjunction with process simulation and monitoring
Since 2007	Industrial wastewater treatment plant for the steel industry	Prime contractor for the design and construction of a treatment plant for wastewater from blast furnace gas cleaning (135 m ³ /h) Harmful substances: zinc and cyanide
Since 2008	CP plant	Prime contractor for the design and construction of a CP plant for liquid waste
2008	Wastewater treatment plant for TNT contaminated wastewater	Egypt - planning and pilot testing of a treatment plant for TNT-contaminated wastewater (100 m ³ /h)
Since 2009	Industrial wastewater treatment plant for the solar industry	Prime contractor for the design and construction of a treatment plant for waste water from the production of solar cells (50 m ³ /h) Pollutants: hydrofluoric acid and silicon
2009	Mobile leaching plant	Australia – Plant layout of a mobile uranium leaching plant (360 m ³ /h)
Since 2011	Industrial wastewater treatment plant for the automotive industry	Prime contractor for the retrofit of an emulsion splitting plant