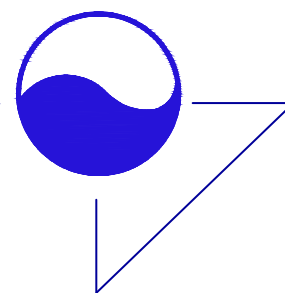
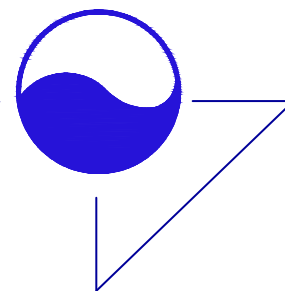


## Reference list / hydropower plants

No.	Project (partial / complete)	phase of the project	performance	
1	<b>Worthy of inquiry / study</b>			
	HPP Schönborn-Dreiwerden		1994	
	HPP Schmalzgrube		1994	
	HPP Kaufbeuren		1994	
	HPP Steina		1994	
	HPP Oberrossla		1995	
	HPP Falkenau		1994	
	HPP Görsdorf		1995	
	HPP Breitenbrunn		1996	
	HPP Bayreuth		1996	
	HPP Wetterzeube		1996	
	HPP Göbitz		1997	
	HPP Felsenwehr Kempten		1997	
	HPP Flöha-Gückelsberg		1997	
	HPP Trebsen		1997	
	HPP Remse		1997	
	HPP Gera / river Weisse Elster		1999	
	HPP Niederau		1999	
	HPP Jägersdorf / river Saale		2000	
	HPP Freitagmühle Lauter		2002	
	HPP Schönbrunn		2002	
	HPP Borstendorf		2003	
	HPP Wetterzeube		2003	
	HPP Ratsmühle Celle		2004	
	HPP Werrawerk Einhausen		2006	
	HPP Jägersdorf		2006	
	HPP Rhume		2005	
	HPP Blechhammer			
	2	<b>Feasibility study / prefeasibility study</b>		
		HPP Dorsdorf/Gera		1992
		HPP Liebenstein/Gera		1992
		HPP Burgscheidungen/Unstrut		1992
HPP Wenigenlupnitz/Nesse			1992	
HPP Einhausen/Werra			1992	
HPP Belrieth/Werra			1994	
HPP Troebdsdorf/Biberbach			1993	
HPP Oberrossla/Ilm			1994	
HPP Floeha-Gueckelsberg/Floeha			1992	
HPP Falkenau/Floeha			1994	



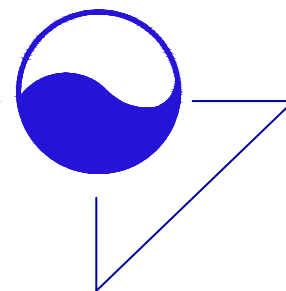
HPP Steyermühle/Striegis	1991
HPP Schönbrunn-Niederau/Zschopau	1994
HPP Schönbrunn-Oberau/Zschopau	1994
HPP Witzschdorf/Zschopau	1993
HPP Pischwitz/Zschopau	1994
HPP Schönborn-Dreiwerden/Zschopau	1993
HPP Neugattersleben/Bode	1993
HPP Erdmannsdorf/Zschopau	1992
HPP Plaue/Zschopau	1991
HPP Wilzschau/Zwickauer Mulde	1993
HPP Bockau/Zwickauer Mulde	1993
HPP Aue/Schwarzwasser	1993
HPP Wernshausen/Werra	1991
HPP Mittweida/Zschopau	1992
HPP Weissthal/Zschopau	1993
HPP Mulda/Freiburger Mulde	1992
HPP Schwarza/Saale	1993
HPP Pirkmuehle/Weiße Elster	1994
HPP Cainsdorf/Zwickauer Mulde	1993
HPP Profen	1995
HPP Wolfsgruen	1995
HPP Leisnig	1995
HPP Niederschindmaas	1995
HPP Altwiesenhaus	1995
HPP Herrenwiese	1995
HPP FPS Schoenheide	1995
HPP Hainsburg/Weisse Elster	1995
HPP Goebitz/Weiße Elster	1996
HPP Wetterzeube/Weisse Elster	1996
HPP Zschopau III/Zschopau	1996
HPP Rothwind	1997
HPP Felsenwehr Kempten	1997
HPP Trebsen / Mulde	1997
HPP Strobelmuehle Pockau	1997
HPP Pegau / Elster	1997
HPP Straussmühle Lichtenberg	1997
HPP Wendewehr Mühlhausen	1997
HPP Himmelmuehle Wiesenbad	1997
HPP Pafa. Gruenhainichen	1998
HPP Adyr-Su / Karbadino-Balkaria	2000
HPP Rebarkovo / Bulgaria	2006
HPP Eliseina / Bulgaria	2006
HPP Iskar V / Bulgaria	2004
HPP Iskar VII / Bulgaria	2004
HPP Plopi / Romania	2006
HPP Bretea / Romania	2006
HPP Strei / Romania	2006
HPP Calan / Romania	2006
HPP Bacia / Romania	2006
HPP Simeria / Romania	2006
4 * HPP Bosnia & Herzegowina	2006
10 * HPP Macedonia	2007



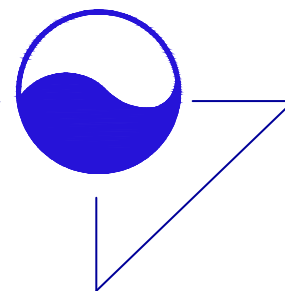
HPP Bad Berka	2007
HPP Hetschburg	2007
HPP Stob / Bulgaria	2007

**Finished projects (in operation, design finished)**

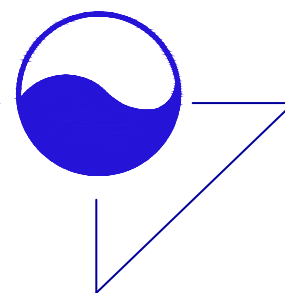
3	<b>Hydropower plant Floeha-Gueckelsberg</b>	1-9	06/93-07/94	300 kW
4	<b>Hydropower plant Hennersdorf</b>	1-9	05/94-08/94	140 kW
5	<b>Hydropower plant Wilzschau</b>	1-4	09/93-11/93	480 kW
6	<b>Hydropower plant Einhausen</b>	1-9	09/92-10/95	130 kW
7	<b>Hydropower plant Burgscheidungen</b>	1-9	04/92-11/98	260 kW
8	<b>Hydropower plant Schoenbrunn-Oberau</b>	1-3,6,7	04/94-12/95	320 kW
9	<b>Hydropower plant Schoenbrunn-Niederau</b>	1-9	04/94-11/95	340 kW
10	<b>Hydropower plant Weissthal</b>	1-4	05/94-01/97	280 kW
11	<b>Hydropower plant Pirkmuehle</b>	1-9	10/94-10/97	90 kW
12	<b>Hydropower plant Siechenwehr Geislingen</b>	1-9	09/94-12/95	110 kW
13	<b>Hydropower plant Listnermuehle Aue</b>	1-9	08/94-11/95	240 kW
14	<b>Hydropower plant Goebitz</b>	1-9	08/95-08/96	120 kW
15	<b>Hydropower plant Freitagmuehle Lauter</b>	4-8	06/95-11/95	60 kW
16	<b>Hydropower plant Borstendorf I und II</b>	1-8	1996-1999	380/350 kW
17	<b>Hydropower plant Wetterzeube</b>	1-8	08/95-03/97	350 kW
18	<b>Hydropower plant Leisnig</b>	1-9	09/95-03/98	550 kW
19	<b>Hydropower plant Dorndorf / Saale</b>	1-9	06/96-05/98	380 kW
20	<b>3 Hydropower plants in Schoenheide (Altwiesenhaus, Herrenwiese, Faserplattenwerk)</b>	1-4	11/95-04/98	320 kW 360/300 kW
21	<b>Hydropower plant Wettin</b>	4-9	10/95-07/98	650 kW
22	<b>Hydropower plant Zeitz</b>	3-6	04/95-12/98	200 kW
23	<b>Hydropower plant Belrieth</b>	1-6	10/95-10/97	95 kW
24	<b>Hydropower plant Niederschindmaas</b>	1-6	01/97-09/98	250 kW
25	<b>Hydropower plant Hedrichwerk Glauchau</b>	1-9	04/96-08/97	320 kW



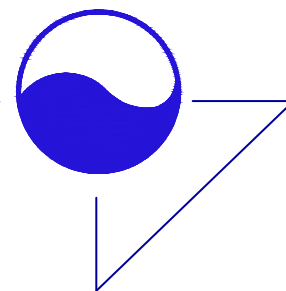
26	<b>Hydropower plant Neumühle Haynsburg</b>	1-7	02/96-12/98	220 kW
27	<b>Hydropower plant Gebr. Wiese Schwarzenberg</b>	1-5	02/96-08/96	70 kW
28	<b>Hydropower plant Palmengarten -</b>	1-7	04/96-10/98	260 kW
29	<b>Hydropower plant Lindenauer Mühle -</b>	1-4	04/96-09/96	40 kW
30	<b>Hydropower plant Papierfabrik Krumbach</b>	1-7	09/96-12/97	340 kW
31	<b>Hydropower plant Kuchen</b>	1-4	01/97-04/97	160 kW
32	<b>Hydropower plant Willischtal</b>	1-3	12/96-03/97	80 kW
33	<b>Hydropower plant Lochmühle Olbernhau</b>	1-4	08/96-11/96	50 kW
34	<b>Hydropower plant Amerika / Penig</b>	2-4	07/96-05/97	360 kW
35	<b>Hydropower plant Schotenmuehle Mylau</b>	1-6	02/97-12/97	180 kW
36	<b>Hydropower plant Spinnerei Rotschau</b>	1-6	04/96-03/97	70 kW
37	<b>Hydropower plant Papierfabrik Wernshausen</b>	4-8	06/96-12/96	260 kW
38	<b>Hydropower plant Witschdorf</b>	2-5	09/96-04/97	250 kW
39	<b>Hydropower plant Klostermuehle Klosterbuch</b>	1-9	11/96-06/98	600 kW
40	<b>Hydropower plant Niederstregis</b>	1-5	11/96-12/97	240 kW
41	<b>Hydropower plant Reschwitz</b>	1-9	10/96-02/98	230 kW
42	<b>Hydropower plant Blechhammer</b>	GU	08/97-07/98	145 kW
43	<b>Hydropower plant Wendeweher Muehlhausen</b>	GU	09/96-04/97	18 kW
44	<b>Hydropower plant Woelldorf</b>	1-9	09/99-02/01	280 kW
45	<b>Hydropower plant Stadtwehr Gera</b>	1-9	08/98-04/01	360 kW
46	<b>Hydropower plant Unterpreilipp</b>	1-8	07/98-08/00	1140 kW
47	<b>Hydropower plant Neustadt</b>	1-9	06/00-08-01	110 kW
48	<b>Hydropower plant Uhlstaedt</b>	1-9	04/97-08/00	560 kW
49	<b>Hydropower plant / water wheel Dienststedt</b>	1-4	03/99-02/01	9 kW
50	<b>Hydropower plant / water wheel Eule Glienicke</b>	1-5	04/97-03/99	21 kW
51	<b>Hydropower plant Heinzschleiferei Schlema</b>	1-4	06/97-12/00	280 kW



52	<b>Hydropower plant Papierfabrik Schlema</b>	1-8	08/96-04/99	320 kW
53	<b>Hydropower plant Wolfsgruen</b>	1-6	06/98-04/01	400 kW
54	<b>Hydropower plant Biebermuehle</b>	1-5	08/97-06/99	360 kW
55	<b>Hydropower plant Neidamuehle Goeßnitz</b>	1-8	06/97-03/00	24 kW
56	<b>Hydropower plant Vignola / Italia</b>	1-8	05/98-12/01	1200 kW
57	<b>Hydropower plant Marano / Italia</b>	1-8	05/98-02/02	1000 kW
58	<b>Hydropower plant Spilamberto / Italia</b>	1-8	05/98-03/02	750 kW
59	<b>Hydropower plant Tosontsengel / Mongolei</b>	1-8	04/00-12/03	460 kW
60	<b>Hydropower plant Yu Xiao Vallex / China (Tibet)</b>	1-6	10/01-08/03	90 kW
61	<b>Hydropower plant Dorfmuehle Dietlas</b>	GU	08/01-05/02	25 kW
62	<b>Hydropower plant Nagelfabrik Ruebenau</b>	1-8	03/01-12/01	38 kW
63	<b>Hydropower plant Johanniswehr Hildesheim</b>	1-4	03/02-10/08	230 kW
64	<b>Hydropower plant Bischofsmühle Hildesheim</b>	1-4	10/02-12/06	210 kW
65	<b>Hydropower plant Cainsdorf</b>	1-4	01/02-12/02	160 kW
66	<b>Hydropower plant Zwickau-Crossen</b>	1-8	02/02-12/07	240 kW
67	<b>Hydropower plant Erlabrunn</b>	1-4	12/01-11/02	170 kW
68	<b>Hydropower plant Poehla</b>	3-5	02/02-04/03	110 kW
69	<b>Hydropower plant Herleshausen / Wommen</b>	1-7	01/01-09-02	480 kW
70	<b>Hydropower plant Mihla</b>	1-9 / GU	02/02-03/07	800 kW
71	<b>Hydropower plant Tseetsen-Uul / Mongolia</b>	1-9	2006-2008	150 kW
72	<b>Hydropower plant Trebsen</b>	1-4	03/01-12/02	840 kW
	<b>separate design / fish buildings a.o.</b>			
73	HPP Rochsburg	1-8	2006	1.000 kW
74	HPP Limmritz	1-8	2006	700 kW
75	HPP Woellsdorf	1-8	2005	280 kW
76	HPP Schaeferwiese Aue	1-6	2004	220 kW
77	HPP Auerhammer III	1-6	2006	80 kW
78	HPP E-Werk Zschopau	1-8	2006-2007	250 kW
79	HPP Wolkenstein /Niederau	1-4	2005	280 kW



80	HPP Herrenhof	1-8	2005	7 kW
81	HPP Spichra	1-4	2005-2007	1.000 kW
82	HPP Falken	1-4	2006-2007	450 kW
83	HPP Altena	1-4	2007	300 kW
84	HPP Berka	1-4	2006	320 kW
85	HPP Dorndorf / Werra	1-4	2006	240 kW
86	HPP Freden	1-6	2006	400 kW
87	HPP Blechhammer	1-9	2004	160 kW
88	HPP Berga	1-3	2006	270 kW
89	HPP Rusel-Kraftwerke Deggendorf	1-3	2006-2007	1.900 kW
90	HPP Goettingen	1-4	2004	40 kW
91	HPP Trautmannsmuehle	1-6	2006	120 kW
92	HPP Freitagmuehle Lauter	1-6	2006-2007	140 kW
93	HPP Blauthalmuehle Blaustein	1-5	2006	60 kW
94	<b>Hydropower plant / water wheel Fockendorf</b>	1-8	2006	10 kW
95	<b>Hydropower plant Zavkhanmantel / Mongolia</b>	1-8	2006-2008	110 kW
96	<b>Hydropower plant Centrale Jaegersdorf</b>	1-7	2005-2006	150 kW
97	<b>Hydropower plant Ruhla</b>	1-8	07/06-12/07	7 kW
98	<b>Hydropower plant Steinmuehle Wommen</b>	1-6	2002-2004	450 kW
99	<b>Hydropower plant Pakpattan III / Pakistan</b>	1-4	2004	4.200 kW
100	<b>Hydropower plant Thamsbrueck</b>	1-7	2004-2006	55 kW
101	<b>Hydropower plant Kranichfeld</b>	1-9	2003-2008	25 kW
102	<b>Hydropower plant Walzig</b>	1-4	01/02-12/02	280 kW
103	<b>Hydropower plant Niedermuehle Pegau</b>	1-8	12/01-01/03	65 kW
104	<b>Hydropower plant Seidlmühle Ismaning</b>	1-6	12/06-12/08	25 kW
105	<b>Hydropower plant Rote Mühle Schwarzenberg</b>	1-8	07/06-02/08	140 kW
106	<b>Hydropower plant Dorfmühle Obendorf</b>	1-4	2002	30 kW
107	<b>Hydropower plant Sägewerk Kisslegg</b>	1-5	2006-2007	150 kW
108	<b>Hydropower plant Adyr-Su / Karbadino-Balkaria</b>	1-4	2000-2003	18.600 kW
109	<b>Hydropower plant Poljanice 1 / Bosnia &amp; Herz.</b>	4-8	2006/2008	2.400 kW
110	<b>Hydropower plant Poljanice 2 / Bosnia &amp; Herz.</b>	4-8	2006/2008	1.400 kW
111	<b>Hydropower plant Podkozica / Bosnia &amp; Herz.</b>	4-8	2006/2008	700 kW



112	<b>Hydropower plant Machai Channel III / Pakistan</b>	1-6	2004/2005	3.400 kW
113	<b>Hydropower plant Ringethal</b>	3-9	2006-2008	340 kW
114	<b>Hydropower plant Baulera dei Mulini / Italia</b>	4-9	2003-2004	230 kW
115	<b>Hydropower plant Ruhla</b>	3-9	2006-2007	8 kW
116	<b>Hydropower plant Mujada / Bosnia &amp; Herz.</b>	4-8	2006/2008	1.600 kW
117	<b>Hydropower plant Grossbauchlitz</b>	1-9	2011-2015	200 kW
118	<b>Hydropower plant Bajos del Totuma / Panama</b>	1-9	2010-2015	6.300 kW
119	<b>Hydropower plant Erlangen</b>	3-9	2014-2016	260 kW
120	<b>Hydropower plant Shuren / Mongolia</b>	1-3	2012-2015	250.000 kW

**121 other studies**

damage channel Rittersgrün  
 investigation of ecological discharge Johannesstraße Zschopau  
 investigation of ecological discharge WKA Harnisch Rittersgrün  
 investigation of ecological discharge Anthonsthal II  
 investigation of ecological discharge Amtsmühle Obergruna  
 investigation of ecological discharge hydropower plant Fischer & Trommler  
 investigation of ecological discharge Limmritz  
 investigation of ecological discharge Schwarzenberg  
 improvement study HPP Steinmühle Herleshausen

damage / flood 2002 / Hydropower plant Lauter  
 damage / flood / Hydropower plant Niederau  
 damage / flood 2002 / Hydropower plant Aue-Schäferwiese  
 Court report Thalmühle Bad Pyrmont  
 Court report Schuhmannsche Mühle Eschelbronn  
 Court report Paradieswehr Jena  
 Court report Obermühle Themar

**118 scientific work**

support master thesis concept Hydropower plant Einhausen  
 support master thesis Hydropower plant Untersachsenfeld  
 support master thesis / discharge distribution Saale-dams  
 research cooperation „ecological discharge turbines“  
 research cooperation „hydro power snail“  
 support / consulting of the FAU e.V. Berlin  
 research cooperation „variable turn turbines“