

List of existing solar heating and cooling installations

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Data have been collected by Wolfram Sparber and Assunta Napolitano¹ with the contribution from other task participants, in particular Daniel Mugnier and Amandine Le Denne², Anita Preisler³ and Mario Motta⁴, and on the basis of the output of other projects as Task 25⁵, Sace⁶ and Rococo⁷.

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⁵ Reference	www.iea-shc-task25.org
⁶ Reference	www.solair-project.eu/218.0.html
⁷ Reference	www.jisc.ac.uk/whatwedo/programmes/elearningcapital/reproduce/rococo.aspx

N°	GENERAL DATA					Heat driven cooling tecnology				Manufacturer
	Country	Name of Owner Company/Project	City	Application type	Year of Completion	Abs	Ads	DECs	DECI	Name
						Nominal Cooling Capacity: [kW] or [m³/hr]				
1	Armenia	DESODEC	Yerivan	Univeristy				8500 m³/h		
2	Australia	CSIRO Energy Centre	Newcastle	office building	2008	17.5				Yasaki (Water/LiBr)
3	Australia	Milk Factory	Wyong	industry	2009		10			Invensor (Water/Zeolith)
4	Australia	Ipswich Hospital	Ipswich	Hospital		300				
5	Austria	Weinbaubetrieb Peitler	Leutschach	wine cellar	2003	10				Pink (Ammonia/Water)
6	Austria	Fa. SOLID	Graz	office building	2003	2				Kunze (Ammonia/Water)
7	Austria	Fa. SOLution	Sattledt	office building	2005	15				EAW (Water/LiBr)
8	Austria	Privathaus Jungreithmayr	Sattledt	residential building	2007		5.5			Sortech (Water/Silicagel)
9	Austria	Fa. Bachler	Gröbming	training center	2007	9				Pink (Ammonia/Water)
10	Austria	Fa. Manschein	Gaweinstal	office and industrial building	2008		7.5			Sortech (Water/Silicagel)
11	Austria	Fa. Kreuzroither	Schörfing	office and industrial building	2008		15			Sortech (Water/Silicagel)
12	Austria	Fa. SOLID	Graz	office building	2008	17				Yasaki (Water/LiBr)
13	Austria	Municipality of Vienna Section 34	Vienna	office building	2009		7			Sortech (Water/Silicagel)
14	Austria	Oköpark	Hartberg	Office				30.4		
15	Austria	BH Rohrbach	Rohrbach	Office		30				
16	Austria	General Solar	St. Veit a.d. Glan	Office		35				
17	Austria	Ferngas OÖ	Haid	Office		70				
18	Austria	Gasokol	Saxen	Office		30				
19	Austria	Rathaus Gleisdorf	Gleisdorf	Office	2008	35		6000 m³/h		
20	Austria	SOLution Solartechnik, new site	Sattledt	Office			60			
21	Austria	Fa. Paar	Graz	Office		105				
22	Austria	Raiffeisenbank Trofaiach	Trofaiach	Office (bank)		70				
23	Austria	Feistritzwerke Gleisdorf	Gleisdorf	Office		24				
24	Austria	Sunmaster	Eberstälzell	Office		80				
25	Austria	ENERGYbase	Wien	Office	2008			2*8000 m³/hr		
26	Belgio	Renewable Energy House	Brussels	Office		35				
27	China	Public building	Hong Kong	Public building	2007	4.5				Rotartica (Water/LiBr)
28	China	residential building	Beijing	residential building	2008		7.5			Sortech (Water/Silicagel)
29	China	Solar Energy Hall of the Chinese Scientific Popularization Park on Renewable Energy	Rushan (Shandong)	Exhibition hall		176				
30	China	?	Jiangmen (Canton)	Multiuse		100				
31	China	Tianpu	Beijing	Office		200				
32	China	Olympic Village Logistic Center	Qingdao	Logistic/Office center		500				
33	Denmark	Skive municipal administration building	Skive	Office		70				
34	Egypt	Hostel	Sharm el Sheikh	Hostel	2008	13.5				Rotartica (Water/LiBr)
35	France	Laboratory	Lannion	laboratory set up	2006	4.5				Rotartica (Water/LiBr)
36	France	Laboratory	Moret sur Loing	laboratory set up	2007	4.5				Rotartica (Water/LiBr)
37	France	Résidence du Lac / SIEL	Maclas	residential building	2007	10				Sonnenklima (Water/LiBr)
38	France	SOLACLIM	Perpignan	laboratory set up	2008		7.5			Sortech (Water/Silicagel)
39	France	CSTB	Sophia Antipolis	Labo		35				
40	France	DIREN	Basse Terre	Office		35				
41	France	Cave GICB	Banyuls	Winecellar		52				
42	France	Usine Givaudan	Argenteuil	Office		105				
43	France	Usine GALDERMA	Sophia Antipolis	Office	2002	210				
44	France	TECHNIFROID	Le Port	Industry		35				
45	France	Kristal - Ile de La Réunion	Saint Denis Réunion	Office		35				
46	France	IUT St Pierre LPBS	Saint Pierre (Réunion)	University	2008	30				
47	France	Sainte Maxime	Cultural center	Public building			35			
48	France	Vignola (Corse)	CRES	Office			35			
49	France	Port-Louis (Guadeloupe)	High Quality Environmental labelled high school	School			175			
50	France	Talence	ISTAB	Laboratories			35			

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	Country	Name of Owner Company/Project	City	Application type	Year of Completion	Abs	Ads	DECs	DECI	Name
						Nominal Cooling Capacity: [kW] or [m³/hr]				
51	Germany	FH Ingolstadt	Ingolstadt	test plant	2004	15				EAW (Water/LiBr)
52	Germany	WEGRA-Anlagenbau GmbH	Westenfeld	Office building	2004	15				EAW (Water/LiBr)
53	Germany	Schüco International KG	Bielefeld	office building	2005	15				EAW (Water/LiBr)
54	Germany	Private company	Braunschweig	offices	2006	4.5				Rotartica (Water/LiBr)
55	Germany	Conergy AG	Rangsdorf	office building	2006	15				EAW (Water/LiBr)
56	Germany	Fa. Solar Next	Rimsting	office building	2007	15				EAW (Water/LiBr)
57	Germany	Sonnenalternativtechnik	Strukum	officebuilding / workshop	2007	15				EAW (Water/LiBr)
58	Germany	QS-Grimm GmbH	Gutach	Office / production rooms	2007	15				EAW (Water/LiBr)
59	Germany	ZAE Bayern	Garching	laboratory set up	2007	10				Sonnenklima (Water/LiBr)
60	Germany	Fraunhofer ISE	Freiburg	canteen	2007		5.5			Sortech (Water/Silicagel)
61	Germany	Citrin Solar	Moosburg	office building	2007		5.5			Sortech (Water/Silicagel)
62	Germany	TKIZ GmbH	Barby	office building	2008	15				EAW (Water/LiBr)
63	Germany	radiological practice	Berlin	radiological practice	2008	10				Sonnenklima (Water/LiBr)
64	Germany	residential building	Wiesloch	residential building	2008		7.5			Sortech (Water/Silicagel)
65	Germany	Office and apartment building	Bad Waldsee	Office and apartment building	2008		7.5			Sortech (Water/Silicagel)
66	Germany	residential building	Alzenau	residential building	2008		7.5			Sortech (Water/Silicagel)
67	Germany	Fa. Schneider	Megesheim	office building	2008		5.5			Sortech (Water/Silicagel)
68	Germany	Fa. Zink	Unterensingen	office building	2008		5.5			Sortech (Water/Silicagel)
69	Germany	Solarzentrum	Wietow	office building / showroom	2009	15				EAW (Water/LiBr)
70	Germany	Siemens Erlangen	Erlangen	test plant	2009	15				EAW (Water/LiBr)
71	Germany	University Stuttgart	Stuttgart	laboratory set up	2009	10				ITW-Stuttgart (Ammonia/Water)
72	Germany	Raiffeisenbank Miesbach	Miesbach	bank	2009	20				Pink (Ammonia/Water)
73	Germany	Technologiezentrum Köthen	Köthen	office building		15				
74	Germany	Wolfferts	Köln	Office		70				
75	Germany	Press and Information Centre of the German Government	Berlin	Office		44				
76	Germany	Ott & Spies	Langenau	Office		35				
77	Germany	Fraunhofer Umsicht	Oberhausen	Office & Labo		58				
78	Germany	Ministry for Traffic, Building and Housing	Berlin	Office		70				
79	Germany	Uniklinikum	Freiburg	Labo			70			
80	Germany	Stadtwerke	Remscheid	Office			105			
81	Germany	Zander	Stuttgart	Office						
82	Germany	Bautzener	Dresden	Office			71			
83	Germany	Götz	Würzburg	Office			70			
84	Germany	Landesamt für Umweltschutz	Augsburg	Office			352			
85	Germany	Malteser Kankenhaus	Kamenz	Hospital			105			
86	Germany	IHK	Freiburg	Office				56		
87	Germany	Ecotec	Bremen	Office			70	30		
88	Germany	Stadtwerke	Bückerburg	Office				30		
89	Germany	Fa. Maier	Alt-Hengstett	Office				108		
90	Germany	AUDI logistic center	Ingolstadt	Multipurposes	2006			76		
91	Germany	Email-Fabrik	Amberg	Industry					75	
92	Germany	Paradigma	karlsbad-Langensteinbach	Office	2006	54				
93	Germany	Federal Environmental Agency	Derssau	Office			69			
94	Germany	FESTO technology center	Esslingen	industry			1050			
95	Germany	Ritter Museum	Waldenbuch	Exhibition		54				
96	Germany	?	Bad Schandau	Office		50				
97	Germany	IT-school	Rodewisch	Classrooms		32				
98	Greece	American college I	Athènes	Office		168				
99	Greece	Solar Lab Demokritos	Athènes	Office		35				
100	Greece	Rethymno Village hotel	Rethymno	Hotel		105				
101	Greece	Hotel Lentzakis Crete	Rethymno	Hotel		105				
102	Greece	Sarantis cosmetic factory	Viota	Industry			700			

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103	Italy	Private company	Arezzo	Private company	2007	4.5				Rotartica (Water/LiBr)
104	Italy	Private company	Perugia	Private company	2007					Rotartica (Water/LiBr)
105	Italy	Paradigma	Darzo	office building	2006	15				EAW (Water/LiBr)
106	Italy	ISSA	Milano	office building	2007	4.5				Rotartica (Water/LiBr)
107	Italy	CRA-VIV	Pescia	green house	2008		7.5			Sortech (Water/Silicagel)
108	Italy	Universitiy Palermo	Palermo	test plant	2008	12				Pink (Ammonia/Water)
109	Italy	Schüco International	Sarmeola	office building	2008	15				EAW (Water/LiBr)
110	Italy	Kindergarden Polimi	Milano	kindergarden	2009		8.5			Sortech (Water/Silicagel)
111	Italy	Ebner Solartechnik	Eppan	office building	2009	15				EAW (Water/LiBr)
112	Italy	AVIS	Bologna	office	2009				80	Menerga(Silica gel)
113	Italy	University	Cassino	university	being installed	17.5				Yazaki (Water/LiBr)
114	Italy		Concorrezzo	offices	2008	17.5				Yazaki (Water/LiBr)
115	Italy	Baxter	Pergine	Office		105				
116	Italy	EURAC	Bolzano	Education center	2002	300				Thermax (Water/LiBr)
118	Italy	Luigi Einaudi	Bolzano	Education center		300				
120	Italy	San Maurizio	Bolzano	Nurse training center		250				
121	Italy	Fire Station Bolzano	Bolzano	Firefighters headquarter		175				
117	Italy	Ecomensa	Turin	Office canteen				15000m³/h		
119	Italy	Dongo's gym	Dongo (Co)	Gym	2008	35				Yazaki (Water/LiBr)
122	Italy	Como Municipality	Como	Offices		480				
123	Italy	Public Library	Como	Library		280				
124	Italy	METRO Cash & Carry	Roma	Wholesale, offices and canteen		700				
125	Italy	DREAM	Palermo	Office and lab	2007			1250m³/h		
126	Italy	Scuola media ecosostenibile "Pedagna"	Imola	School		35				
127	Italy	Fortec srl	Correggio	Industry		44				
128	Italy	Pertusati	Pavia	nursing home	2009	70				Broadi (Water/LiBr)
129	Italy	Margherita	Pavia	nursing home	2009	70				Broadi (Water/LiBr)
130	Italy	Polistudio AES	Riccione	Offices	2007	35				
131	Italy	Klobe headquarter	Bovolone (VR)	Offices	2008				80	Menerga(Silica gel)
132	Italy	Seminary	Vallo della Lucania (SA)	Canteen	2005	35				Yazaki (Water/LiBr)
133	Italy	ENEA	Casaccia - Roma	Offices	being installed	70				Yazaki (Water/LiBr)
134	Japan	Toyama Geriatric Hospital	Toyama	Hospital		?				
135	Japan	Yatsushiro National College of Technology	Yatsushiro	Research center		?				
136	Kosovo	Bureaux Union Européenne	Pristina	Office		90				
137	Lichtenstein	Baugemeinschaft Rietli	Schaan	Wohnungen	2008	15				EAW (Water/LiBr)
138	Malta	Retirement home Kalkhara	Kalkhara	retirement home	2008	10				Pink (Ammonia/Water)
139	Malta	Headquater of Eco Group	Kordin	office building	2009	10				Pink (Ammonia/Water)
140	Mexico	Gütermann Polygal	Jiutepec	Sewing threads and yarns factory			290			
141	Netherlands	Verhulst	Waalwijk	Industrial				22		
142	Netherlands	régie électrique EZK	Heemsteede	Office				46.2		
143	Portugal	Private company	Lisbon	Private company	2007	4.5				Rotartica (Water/LiBr)
144	Portugal	Private company	Chegancas	Private company	2008	4.5				Rotartica (Water/LiBr)
145	Portugal	AoSol	Lisbon	office building	2009	8				AO SOL (Ammonia/Water)
146	Portugal	INETI	Lisbon	Office				36		
147	Portugal	ATECNIC	Sintra	Office				57.6		
148	Portugal	Centrale contrôle traffic autoroutier	Sintra	Office		70				
149	Portugal	CGD Caixa Geral de Depósitos	Lisbon	Office (bank)		545				

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						Nominal Cooling Capacity: [kW] or [m³/hr]				
150	Singapore		Singapore	Office				350		
151	South Africa	Netcare Moot hospital	Pretoria	Hospital	being installed	35				
152	Spain	Private House	Barcelona	residential building	2006	4.5				Rotartica (Water/LiBr)
153	Spain	Sports Centre	Zaragoza	Sports Centre	2006	4.5				Rotartica (Water/LiBr)
154	Spain	Private Company	Sarriguren-Navarra	Offices	2006	4.5				Rotartica (Water/LiBr)
155	Spain	Public Building	Puerto Lumbreras-Murcia	Sport centre	2006	4.5				Rotartica (Water/LiBr)
156	Spain	Private Company	Sevilla	Offices	2006	4.5				Rotartica (Water/LiBr)
157	Spain	Private House	Madrid	residential building	2006	4.5				Rotartica (Water/LiBr)
158	Spain	Private Company (Food)	Noreña-Asturias	Private Company (Food)	2006	4.5				Rotartica (Water/LiBr)
159	Spain	Private House	Bilbao	residential building	2006	4.5				Rotartica (Water/LiBr)
160	Spain	School	Segovia	School	2006	4.5				Rotartica (Water/LiBr)
161	Spain	School	Santurtzi	School	2006	4.5				Rotartica (Water/LiBr)
162	Spain	Private hospital	Tenerife	hospital	2006	4.5				Rotartica (Water/LiBr)
163	Spain	Retirement home	Las Palmas-Canarias	Retirement home	2006	4.5				Rotartica (Water/LiBr)
164	Spain	Private Company	Sevilla	Offices	2006	9				Rotartica (Water/LiBr)
165	Spain	Private Company	Basauri-Bizkaia	Offices	2006	9				Rotartica (Water/LiBr)
166	Spain	Public Building	Errenteria-Gipuzkoa	Public Building	2006	4.5				Rotartica (Water/LiBr)
167	Spain	Private Company	Basauri-Bizkaia	Offices	2006	13.5				Rotartica (Water/LiBr)
168	Spain	Training Centre	Guadalajara	Training Centre	2006	4.5				Rotartica (Water/LiBr)
169	Spain	Trade Exhibition Center	Gijón	Trade Exhibition Center	2006	4.5				Rotartica (Water/LiBr)
170	Spain	Experimental Installation	Arganda del Rey-Madrid	Experimental Installation	2006	4.5				Rotartica (Water/LiBr)
171	Spain	Private House	Villajoyosa-Alicante	residential building	2007	4.5				Rotartica (Water/LiBr)
172	Spain	School	Molina de Segura	School	2007	4.5				Rotartica (Water/LiBr)
173	Spain	Private House	Madrid	residential building	2007	4.5				Rotartica (Water/LiBr)
174	Spain	Private House	Olivares-Sevilla	residential building	2007	4.5				Rotartica (Water/LiBr)
175	Spain	Private Company (Food)	Estepa-Sevilla	Private Company (Food)	2007	4.5				Rotartica (Water/LiBr)
176	Spain	Private House	Brunete-Madrid	residential building	2007	4.5				Rotartica (Water/LiBr)
177	Spain	Private House	Zuia-Araba	residential building	2007	4.5				Rotartica (Water/LiBr)
178	Spain	University	Yecla-Murcia	Common Zones	2007	4.5				Rotartica (Water/LiBr)
179	Spain	Camping	Aznalcazar-Sevilla	Camping	2007	4.5				Rotartica (Water/LiBr)
180	Spain	Private Company	Gazteiz-Araba	Show Room	2007	4.5				Rotartica (Water/LiBr)
181	Spain	Technological Research Centre	Miñano-Araba	Technological Research Centre	2007	4.5				Rotartica (Water/LiBr)
182	Spain	University	Santander	University	2007	4.5				Rotartica (Water/LiBr)
183	Spain	Office	Sanlucar Lamayor-Sevilla	Office	2007	4.5				Rotartica (Water/LiBr)
184	Spain	Museum	Granada	Museum	2007	4.5				Rotartica (Water/LiBr)
185	Spain	Public Building	La Moncloa-Madrid	Public Building	2007	18				Rotartica (Water/LiBr)
186	Spain	Private House	Puerto Santamaría-Cádiz	residential building	2007	4.5				Rotartica (Water/LiBr)
187	Spain	University Rooms	Univ. Cartagena	University Rooms	2007	4.5				Rotartica (Water/LiBr)
188	Spain	Tourism Office	Matalascañas-Huelva	Tourism Office	2007	4.5				Rotartica (Water/LiBr)
189	Spain	Public Building	Molina de Segura-Murcia	Public Building	2007	4.5				Rotartica (Water/LiBr)
190	Spain	Sports Centre	La Carlota-Córdoba	Sports Centre	2007	4.5				Rotartica (Water/LiBr)
191	Spain	Private company	Fuente Alamo	Private company	2007	9				Rotartica (Water/LiBr)
192	Spain	Public Building (Room)	Tivissa-Tarragona	Public Building (Room)	2007	9				Rotartica (Water/LiBr)
193	Spain	Public Building	León	Public Building	2007	4.5				Rotartica (Water/LiBr)
194	Spain	University Laboratory	Tarragona	University Laboratory	2007	4.5				Rotartica (Water/LiBr)
195	Spain	Domolab	Miñao	showroom	2008	4.5				Rotartica (Water/LiBr)
196	Spain	Private Company (Animals)	La Muela-Zaragoza	Private Company (Animals)	2008	4.5				Rotartica (Water/LiBr)
197	Spain	Private Company	Espinardo-Murcia	Private Company	2008	4.5				Rotartica (Water/LiBr)
198	Spain	Biodiesel Installation	Kaparroso-Navarra	Biodiesel Installation	2008	9				Rotartica (Water/LiBr)
199	Spain	Golf (shop and bar)	La Manga-Murcia	Golf (shop and bar)	2008	4.5				Rotartica (Water/LiBr)

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200	Spain	Retirement home	Terrassa-Barcelona	Retirement home	2008	9				Rotartica (Water/LiBr)
201	Spain	Private House	Girona	residential building	2008	18				Rotartica (Water/LiBr)
202	Spain	Multi Family House	Laguna de Duero-Valladolid	Multi Family House	2008	4.5				Rotartica (Water/LiBr)
203	Spain	Hotel	Lanzarote	Hotel	2008	4.5				Rotartica (Water/LiBr)
204	Spain	Public Building	Bullas-Murcia	Public Building	2008	4.5				Rotartica (Water/LiBr)
205	Spain	Public Building	San José de la Vega-Murcia	Public Building	2008	4.5				Rotartica (Water/LiBr)
206	Spain	Public Building	Alcantarilla-Murcia	Public Building	2008	4.5				Rotartica (Water/LiBr)
207	Spain	School	Portugalete	School	2008	4.5				Rotartica (Water/LiBr)
208	Spain	Private Company (Food)	Noreña-Asturias	Private Company (Food)	2008	4.5				Rotartica (Water/LiBr)
209	Spain	Private House	Brunete-Madrid	residential building	2008	4.5				Rotartica (Water/LiBr)
210	Spain	Experimental Installation	Arganda del Rey-Madrid	Experimental Installation	2008	4.5				Rotartica (Water/LiBr)
211	Spain	University	Jaén	University	2008	4.5				Rotartica (Water/LiBr)
212	Spain	National Institute of Airospacial Techniques INTA	Huelva	laboratory set up		10				
213	Spain	University of Zaragoza	Zaragoza	University		4.5				
214	Spain	Office	Narón	Office		20				
215	Spain	House	Bilbao	House		10				
216	Spain	House	Toledo	House		10				
217	Spain	Office	Valencia	Office		10				
218	Spain	House	Valencia	House		10				
219	Spain	Office	Madrid	Office		10				
220	Spain	Office	Madrid	Office		40				
221	Spain	Office	Almería	Office		40				
222	Spain	House	Granada	House		10				
223	Spain	House/Office	Madrid	House/Office		10				
224	Spain	Office	Barcelona	Office		10				
225	Spain	House	Ciudad Real	House		10				
226	Spain	House	Torre Laguna	House		10				
227	Spain	House	Chiclana	House		10				
228	Spain	House	Guadalajara	House		10				
229	Spain	House	Madrid	House		40				
230	Spain	Test station	Gijón	Test station		10				
231	Spain	Office	Valladolid	Office		10				
232	Spain	House	Ibiza	House		10				
233	Spain	Office	Asturias	Office		50				
234	Spain	Office	Castellón	Office						
235	Spain	House	Sitges	House						
236	Spain	Gym	Murcia	Gym		10				
237	Spain	House	Granada	House		10				
238	Spain	Office	Sevilla	Office		120				
239	Spain	Oficina	Asturias	Oficina		10				
240	Spain	House	Bilbao	House		10				
241	Spain	Residencia	Madrid	Residencia		20				
242	Spain	House	Algeciras	House		20				
243	Spain	House	Valencia	House		10				
244	Spain	Office	Madrid	Office		10				
245	Spain	Hotel	Jerez de la Frontera	Hotel		20				
246	Spain	Office	Soria	Office						
247	Spain	House	Valencia	House		10				
248	Spain	House	Barcelona	House		20				
249	Spain	House	Barcelona	House		10				

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						Nominal Cooling Capacity: [kW] or [m³/hr]				
250	Spain	Office	Leganes	Office		10				
251	Spain	House	Manresa	House						
252	Spain	House	Torreldones	House		20				
253	Spain	Office	Leon	Office						
254	Spain	Social & Cultural Centre Clara Campoamor	Barakaldo	Auditorium		229				
255	Spain	Education Department Regional Government	Toledo	Office		252				
256	Spain	Fabrica del Sol Building	Barcelona	Office		105				
257	Spain	Fundacion Metropoli Building	Madrid	Office		105				
258	Spain	Daoiz y Velarde Sport Centre	Madrid	Sport center		170				
259	Spain	Inditex head offices	Arteixo	Office		170				
260	Spain	Maison de retraite	Fustinana	Retired people house		105				
261	Spain	University Rovira i Virgili CREVER	Tarragone	Office		35				
262	Spain	Viessmann Head Offices	Madrid	Office		105				
263	Spain	Belroy palace Hotel	Benidorm	Hotel		125				
264	Spain	University of Sevilla	Seville	Labo		35				
265	Spain	University of Carlos III	Madrid	Labo		35				
266	Spain	Laia hotel	Derio	Hotel		105				
267	Spain	CARTIF I, Boecillo Technology Park	Valladolid	Office	2002	35				
268	Spain	Siemens Controlmatic	Cornelia del Vallès	Office		105				
269	Spain	FONTEDOSO	El Oso	Industry		105				
270	Spain	Stella-Feuga	Santiago de Compostela	Office		115				
271	Spain	Pompeu i Fabra Library	Mataro	Library				55		
272	Spain	Gamesa Solar	Tarragone	Office		35				
273	Spain	Cener Offices	Pamplona	Office		350				
274	Spain	TRASLUZ	Madrid	Office		390				
275	Spain	Isofoton Offices	Málaga	Office		35				
276	Spain	Germany School	Barcelona	School		20				
277	Spain	Peracamps-Public Health Agency	Barcelona	Laboratories		35				
278	Switzerland	Weingut Schloss Salenegg	Mainfeld	wine cellar	2005	15				EAW (Water/LiBr)
279	Switzerland	Bank Pictet & Cie	Gineve	Offices		210				
280	Syria	Private House	Damascus	residential building	2008	9				Rotartica (Water/LiBr)
281	Sudan	Emergency	Khartoum	Hospital	2006	1230				Ebara (Water/LiBr)
282	Turkey	Iberotel Sarigerme Park	Dalaman	Hotel		140				
283	United Arab Emirates	Private house	Ras Al Khaimah	residential building	2008	4.5				Rotartica (Water/LiBr)
284	United Kingdom	University	Cardif	University	2007	4.5				Rotartica (Water/LiBr)
285	USA	Private house	Cincinnati	residential building	2007	4.5				Rotartica (Water/LiBr)
286	USA	Desert Outdoor Center	Phoenix (Arizona)	Laboratory		70				
287	USA	Steinway	Long Island City, Newyork	Industry		X				
288	Vaticano		Vaticano	Canteen & Laboratory	being installed	105				Yazaky (Water/LiBr)