

Collated and updated list of solar cooling installations in participating countries

Task Report 5.3.1

ITW

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Version: 1.3

Date: 23/07/2012

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1 Collated and updated list of solar cooling installations in participating countries

Solar thermal cooling is a young but growing market. Systems with different configurations facing a great variety of climatic conditions can be found all around the world. Despite the geographical distribution the number of solar thermal cooling installations is still several orders smaller than the number of cooling installations using electricity driven compression chillers. Hence, a lot of the up to date installed systems are prototype systems. But with the start of a market for solar thermal cooling installations a few manufacturers have entered the market with small series production. Normally each manufacturer concentrates on only one thermo-chemical process or technology in general used for cooling purpose.

For the development of requirements for durability and performance testing of such solar thermal cooling systems it is important to have an overview on the available technologies and their applications. Hence this document provides an ordered list of solar thermal cooling installations. This list makes no claim to be complete but it gives a broad overview on the installed technologies.

Within Task 38 - Solar Air Conditioning and Refrigeration of the Solar Heating and Cooling program (SHC) of the International Energy Agency (IEA) an overview has been carried out on thermally driven chillers and solar thermal technologies used in realized systems [1]. The aim of this overview was to collect information on existing solar heating and cooling systems in order to derive a first identification of proven design solutions in terms of selection of technologies and dimensioning in relationship with location, final use and size of the building.

The list of Task 38 was taken as a starting point. It included 303 solar thermal heating and cooling installations spread over the entire world (state of September 2010). In the project QAiST a survey on existing solar thermal cooling installations in the participating countries has been carried out. This was performed by distributing a questionnaire to owners and operators of solar thermal cooling systems. The questionnaire can be found in the annex. A detailed analysis of the outcome of the questionnaire is given in TR 5.3.2. The information gathered from this survey was used to expand the list of Task 38.

The list was expanded by 24 installations and information on 33 already listed installations was completed or updated. To indicate this in the list there are three colours of cell marking. New information data to the list from the QAiST survey is indicated in green, confirmed information in grey and updated or corrected information in red.

In the first column the installations included in the QAiST survey are marked by the number used within the QAiST database consisting of a country code of two letters and a consecutive numbering for each country. All other columns follow the initial list of Task 38. The scale type differs between L and S which stands for large and small installations. Small installations have a cooling capacity of up to 20 kW. The columns “Abs”, “Ads”, “DECs” and “DECI” categorize the used sorption process and the nominal thermal cooling capacity of the installations. Closed cycles using absorption or adsorption are indicated by “Abs” or “Ads”, whereas desiccant evaporative cooling systems with open cycle are indicated as “DECs” if using a solid sorption material for example in a sorption rotor or as “DECI” if using a liquid sorption material. The cooling capacity of DEC systems is usually indicated by the nominal volume flow rate given in m³/h. 200 m³/h is approximately 1 kW of cooling capacity.

| QAIST No. | No | Country | Country label | Continent | Name of Owner Company/Project | City | Application type | Application label | Year of completion | Scale type | Abs [kW] | Ads [kW] | DECs [m³/h] | DECI [m³/h] | Manufacturer |
|-----------|----|-----------|--------------------|-----------|---|-------------------------|--------------------------------|------------------------------------|--------------------|------------|----------|----------|-------------|-------------|---|
| | 1 | Armenia | Armenia | Asia | DESODEC | Yerivan | University | School/University/Education centre | | L | | | 8,500 | | |
| | 2 | Australia | Australia | Australia | CSIRO Energy Centre | Newcastle | Office building | Office | 2008 | S | 17.5 | | | | Yazaki (Water/LiBr) |
| | 3 | Australia | Australia | Australia | Milk Factory | Wyong | Industry | Industry | 2009 | S | | 10 | | | InvenSor (Water/Zeolith) |
| | 4 | Australia | Australia | Australia | Ipswich Hospital | Ipswich | Hospital | Hospital | | L | 300 | | | | |
| | 5 | Austria | Austria | Europe | Weinbaubetrieb Peitler | Leutschach | Wine cellar | Other Service | 2003 | S | 10 | | | | Pink (Ammonia/Water) |
| | 6 | Austria | Austria | Europe | Fa. SOLID | Graz | Office building | Office | 2003 | S | 2 | | | | Kunze (Ammonia/Water) |
| AT03 | 7 | Austria | Austria | Europe | Fa. SOLution | Sattledt | Office building | Office | 2005 | S | 15 | | | | EAW (Water/LiBr) |
| AT04 | 8 | Austria | Austria | Europe | PrivatHaus Jungreithmayr | Sattledt | Residential building | Residential | 2007 | S | | 5.5 | | | SorTech (Water/Silicagel) |
| AT01 | 9 | Austria | Austria | Europe | Fa. Bachler | Gröbming | Training centre | Other Service | 2007 | S | 9 | | | | Pink (Ammonia/Water) |
| | 10 | Austria | Austria | Europe | Fa. Manschein | Gaweinstal | Office and industrial building | Industry | 2008 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| AT07 | 11 | Austria | Austria | Europe | Fa. Kreuzroither | Schörfing | Office and industrial building | Industry | 2008 | S | | 15 | | | SorTech (Water/Silicagel) |
| AT06 | 12 | Austria | Austria | Europe | Fa. SOLID | Graz | Office building | Office | 2008 | S | 17.5 | | | | Yazaki (Water/LiBr) |
| AT08 | 13 | Austria | Austria | Europe | Municipality of Vienna Section 34 | Vienna | Office building | Office | 2009 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| AT02 | 14 | Austria | Austria | Europe | Oköpark | Hartberg | Office | Office | 2000 | L | | | 6,000 | | Munters (Water/Silicagel) |
| | 15 | Austria | Austria | Europe | BH Rohrbach | Rohrbach | Office | Office | 2007 | L | 30 | | | | |
| | 16 | Austria | Austria | Europe | General Solar | St. Veit a.d. Glan | Office | Office | | L | 35 | | | | |
| | 17 | Austria | Austria | Europe | Ferngas OÖ | Haid | Office | Office | | L | 70 | | | | |
| | 18 | Austria | Austria | Europe | Gasokol | Saxen | Office | Office | | L | 30 | | | | |
| AT05 | 19 | Austria | Austria | Europe | Rathaus Gleisdorf | Gleisdorf | Town hall and offices | Office | 2008 | L | 35 | | 6,180 | | Yazaki (Water/LiBr)/Klingenburg (Water/Silicagel) |
| | 20 | Austria | Austria | Europe | SOLution Solartechnik, new site | Sattledt | Office | Office | | L | | 60 | | | |
| | 21 | Austria | Austria | Europe | Fa. Paar | Graz | Office | Office | | L | 105 | | | | |
| | 22 | Austria | Austria | Europe | Raiffeisenbank Trofaiach | Trofaiach | Office (bank) | Office | | L | 70 | | | | |
| | 23 | Austria | Austria | Europe | Feistritzwerke Gleisdorf | Gleisdorf | Office | Office | | L | 24 | | | | |
| | 24 | Austria | Austria | Europe | Sunmaster | Eberstallzell | Office | Office | | L | 80 | | | | |
| | 25 | Austria | Austria | Europe | ENERGYbase | Wien | Office | Office | 2008 | L | | | 2x8,000 | | |
| | 26 | Belgium | Other EU Countries | Europe | Renewable Energy House | Brussels | Office | Office | | L | 35 | | | | |
| | 27 | China | China | Asia | Public building | Hong Kong | Public building | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 28 | China | China | Asia | Residential building | Beijing | Residential building | Residential | 2008 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| | 29 | China | China | Asia | Solar Energy Hall | Rushan (Shandong) | Exhibition hall | Other Services | | L | 176 | | | | |
| | 30 | China | China | Asia | | Jiangmen (Canton) | Multi-use | Other Services | | L | 100 | | | | |
| | 31 | China | China | Asia | Tianpu | Beijing | Office | Office | | L | 200 | | | | |
| | 32 | China | China | Asia | Olympic Village Logistic Center | Qingdao | Logistic/Office centre | Office | | L | 500 | | | | |
| | 33 | Denmark | Other EU Countries | Europe | Skive municipal administration building | Skive | Office | Office | | L | 70 | | | | |
| | 34 | Egypt | Egypt | Africa | Hostel | Sharm el Sheikh | Hostel | Hotel | 2008 | S | 13.5 | | | | Rotartica (Water/LiBr) |
| | 35 | France | France | Europe | Laboratory | Lannion | Laboratory set up | Laboratory | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 36 | France | France | Europe | Laboratory | Moret sur Loing | Laboratory set up | Laboratory | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| FR03 | 37 | France | France | Europe | Résidence du Lac / SIEL | Maclas | Residential building | Residential | 2007 | S | 10 | | | | Sonnenklima (Water/LiBr) |
| FR02 | 38 | France | France | Europe | SOLACLIM | Perpignan | Laboratory set up | Laboratory | 2008 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| FR04 | 39 | France | France | Europe | CSTB | Sophia Antipolis | Office and laboratory | Laboratory | | L | 35 | | | | Yazaki (Water/LiBr) |
| | 40 | France | France | Europe | DIREN | Basse Terre | Office | Office | 2003 | L | 35 | | | | |
| FR01 | 41 | France | France | Europe | Cave GICB | Banyuls | Wine cellar | Other Services | 1991 | L | 52 | | | | Yazaki (Water/LiBr) |
| | 42 | France | France | Europe | Usine Givaudan | Argenteuil | Office | Office | | L | 105 | | | | |
| | 43 | France | France | Europe | Usine GALDERMA | Sophia Antipolis | Office | Office | 2002 | L | 210 | | | | |
| | 44 | France | France | Europe | TECHNIFROID | Le Port | Industry | Industry | | L | 35 | | | | |
| | 45 | France | France | Europe | Kristal - Ile de La Réunion | Saint Denis Réunion | Office | Office | 2006 | L | 35 | | | | |
| | 46 | France | France | Europe | RAFSOL | Saint Pierre (Réunion) | University | School/University/Education centre | 2008 | L | 30 | | | | |
| | 47 | France | France | Europe | Cultural center | Sainte Maxime | Public building | Other Services | | L | | 35 | | | |
| | 48 | France | France | Europe | CRES | Vignola (Corse) | Office | Office | | L | | 35 | | | |
| | 49 | France | France | Europe | High Quality Environmental labelled high school | Port-Louis (Guadeloupe) | School | School/University/Education centre | | L | | 175 | | | |
| | 50 | France | France | Europe | ISTAB | Talence | Laboratories | Laboratory | | L | | 35 | | | |

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|-----------|-----|---------|---------------|-----------|--|--------------------------|-------------------------------|------------------------------------|--------------------|------------|----------|----------|-------------|-------------|-----------------------------------|
| | 51 | Germany | Germany | Europe | FH Ingolstadt | Ingolstadt | Test plant | Laboratory | 2004 | S | 15 | | | | EAW (Water/LiBr) |
| | 52 | Germany | Germany | Europe | WEGRA-Anlagenbau GmbH | Westenfeld | Office building | Office | 2004 | S | 15 | | | | EAW (Water/LiBr) |
| | 53 | Germany | Germany | Europe | Schüco International KG | Bielefeld | Office building | Office | 2005 | S | 15 | | | | EAW (Water/LiBr) |
| | 54 | Germany | Germany | Europe | Private company | Braunschweig | Offices | Office | 2006 | S | 4.5 | | | | Rotarica (Water/LiBr) |
| | 55 | Germany | Germany | Europe | Conergy AG | Rangsdorf | Office building | Office | 2006 | S | 15 | | | | EAW (Water/LiBr) |
| DE12 | 56 | Germany | Germany | Europe | Fa. Solar Next | Rimsting | Office building | Office | 2007 | S | 15 | | | | EAW (Water/LiBr) |
| | 57 | Germany | Germany | Europe | Sonnenalternative/technik | Strukum | Office building / workshop | Office | 2007 | S | 15 | | | | EAW (Water/LiBr) |
| | 58 | Germany | Germany | Europe | QS-Grimm GmbH | Gutach | Office / production rooms | Office | 2007 | S | 15 | | | | EAW (Water/LiBr) |
| | 59 | Germany | Germany | Europe | ZAE Bayern | Garching | Laboratory set up | Laboratory | 2007 | S | 10 | | | | Sonnenklima (Water/LiBr) |
| DE04 | 60 | Germany | Germany | Europe | Fraunhofer ISE | Freiburg | Canteen | Other Services | 2007 | S | | 5.5 | | | SorTech (Water/Silicagel) |
| | 61 | Germany | Germany | Europe | Citrin Solar | Moosburg | Office building | Office | 2007 | S | | 5.5 | | | SorTech (Water/Silicagel) |
| | 62 | Germany | Germany | Europe | TKIZ GmbH | Barby | Office building | Office | 2008 | S | 15 | | | | EAW (Water/LiBr) |
| | 63 | Germany | Germany | Europe | Radiological practice | Berlin | Radiological practice | Other Services | 2008 | S | 10 | | | | Sonnenklima (Water/LiBr) |
| | 64 | Germany | Germany | Europe | Residential building | Wiesloch | Residential building | Residential | 2008 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| | 65 | Germany | Germany | Europe | Office and apartment building | Bad Waldsee | Office and apartment building | Office | 2008 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| | 66 | Germany | Germany | Europe | Residential building | Alzenau | Residential building | Residential | 2008 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| | 67 | Germany | Germany | Europe | Fa. Schneider | Megesheim | Office building | Office | 2008 | S | | 5.5 | | | SorTech (Water/Silicagel) |
| | 68 | Germany | Germany | Europe | Fa. Zink | Unterensingen | Office building | Office | 2008 | S | | 5.5 | | | SorTech (Water/Silicagel) |
| | 69 | Germany | Germany | Europe | Solarzentrum | Wietow | Office building / showroom | Office | 2009 | S | 15 | | | | EAW (Water/LiBr) |
| | 70 | Germany | Germany | Europe | Siemens Erlangen | Erlangen | Test plant | Laboratory | 2009 | S | 15 | | | | EAW (Water/LiBr) |
| | 71 | Germany | Germany | Europe | University Stuttgart | Stuttgart | Laboratory set up | Laboratory | 2009 | S | 10 | | | | ITW Uni Stuttgart (Ammonia/Water) |
| | 72 | Germany | Germany | Europe | Raiffeisenbank Miesbach | Miesbach | Bank | Office | 2009 | S | 20 | | | | Pink (Ammonia/Water) |
| | 73 | Germany | Germany | Europe | Technologiezentrum Köthen | Köthen | Office building | Office | | S | 15 | | | | |
| | 74 | Germany | Germany | Europe | Wolferts | Köln | Office | Office | | L | 70 | | | | |
| | 75 | Germany | Germany | Europe | Press and Information Centre of the Government | Berlin | Office | Office | | L | 44 | | | | |
| DE03 | 76 | Germany | Germany | Europe | Ott & Spies | Langenau | Office | Office | | L | 35 | | | | Yazaki (Water/LiBr) |
| | 77 | Germany | Germany | Europe | Fraunhofer Umsicht | Oberhausen | Office & Laboratory | Office | | L | 58 | | | | |
| | 78 | Germany | Germany | Europe | Ministry for Traffic, Building and Housing | Berlin | Office | Office | | L | 70 | | | | |
| DE01 | 79 | Germany | Germany | Europe | University hospital | Freiburg | Laboratory | Laboratory | 1999 | L | | 70 | | | Nishyodo (Water/Silicagel) |
| | 80 | Germany | Germany | Europe | Stadtwerke | Remscheid | Office | Office | | L | | 105 | | | |
| | 81 | Germany | Germany | Europe | Zander | Stuttgart | Office | Office | | L | | | | | |
| | 82 | Germany | Germany | Europe | Bautzener | Dresden | Office | Office | | L | | 71 | | | |
| | 83 | Germany | Germany | Europe | Götz | Würzburg | Office | Office | | L | | 70 | | | |
| | 84 | Germany | Germany | Europe | Landesamt für Umweltschutz | Augsburg | Office | Office | | L | | 352 | | | |
| | 85 | Germany | Germany | Europe | Malteser Krankenhaus | Kamen | Hospital | Hospital | | L | | 105 | | | |
| DE02 | 86 | Germany | Germany | Europe | IHK | Freiburg | Seminar rooms | Office | | L | | | 10,200 | | DehuTech (Water/Silicagel) |
| | 87 | Germany | Germany | Europe | Ecotec | Bremen | Office | Office | | L | | 70 | 30 kW | | |
| | 88 | Germany | Germany | Europe | Stadtwerke | Bückeburg | Office | Office | | L | | | 30 kW | | |
| | 89 | Germany | Germany | Europe | Fa. Maier | Alt-Hengstett | Office | Office | | L | | | 108 kW | | |
| | 90 | Germany | Germany | Europe | AUDI logistic center | Ingolstadt | Multipurpose | Other Services | 2006 | L | | | 76 kW | | |
| | 91 | Germany | Germany | Europe | Email-Fabrik | Amberg | Industry | Industry | | L | | | | 75 kW | |
| | 92 | Germany | Germany | Europe | Paradigma | Karlsbad-Langensteinbach | Office | Office | 2006 | L | 54 | | | | |
| | 93 | Germany | Germany | Europe | Federal Environmental Agency | Dersau | Office | Office | | L | | 69 | | | |
| DE11 | 94 | Germany | Germany | Europe | FESTO technology center | Esslingen | Industry | Industry | | L | | 1,050 | | | Mayekawa (Water/Silicagel) |
| | 95 | Germany | Germany | Europe | Ritter Museum | Waldenbuch | Exhibition | Other Services | | L | 54 | | | | |
| | 96 | Germany | Germany | Europe | ? | Bad Schandau | Office | Office | | L | 50 | | | | |
| DE06 | 97 | Germany | Germany | Europe | IBA-AG | Fürth | Office | Office | 2007 | L | 30 | | | | EAW (Water/LiBr) |
| | 98 | Germany | Germany | Europe | IT-school | Rodewisch | Classrooms | School/University/Education centre | | L | 32 | | | | |
| DE05 | 99 | Germany | Germany | Europe | Solar Info Center (SIC) | Freiburg | Seminar rooms | Seminar rooms | 2007 | | | | | 1,500 | Menerga (Water/LiCl) |
| DE07 | 100 | Germany | Germany | Europe | Technical College for Engineering | Butzbach | College building | College building | 2008 | | 23 | | | | Sonnenklima (Water/LiBr) |

| QAIST No. | N° | Country | Country label | Continent | Name of Owner Company/Project | City | Application type | Application label | Year of completion | Scale type | Abs [kW] | Ads [kW] | DECs [m³/h] | DECI [m³/h] | Manufacturer |
|-----------|-----|---------|---------------|-----------|---|--------------------------|--------------------------------|------------------------------------|--------------------|------------|----------|----------|-------------|-------------|---------------------------|
| DE08 | 101 | Germany | Germany | Europe | ITW University of Stuttgart | Stuttgart | Auditorium | Auditorium | 2011 | S | | 9 | | | InvenSor (Water/Zeolith) |
| DE09 | 102 | Germany | Germany | Europe | Solera | Binsdorf | Office | Office | 2010 | S | | 10 | | | InvenSor (Water/Zeolith) |
| DE10 | 103 | Germany | Germany | Europe | BLS | Forchtenberg | Office | Office | 2010 | S | | 8 | | | SorTech (Water/Silicagel) |
| | 104 | Greece | Greece | Europe | American college I | Athens | Office | Office | | L | 168 | | | | |
| GR04 | 105 | Greece | Greece | Europe | Solar Lab Demokritos | Athens | Office | Office | | L | 35 | | | | Yazaki (Water/LiBr) |
| GR07 | 106 | Greece | Greece | Europe | Rethymno Village hotel | Rethymno | Hotel | Hotel | | L | 105 | | | | SOLE S.A. (Water/LiBr) |
| GR06 | 107 | Greece | Greece | Europe | Hotel Lentzakis Crete | Rethymno | Hotel | Hotel | | L | 105 | | | | SOLE S.A. (Water/LiBr) |
| GR01 | 108 | Greece | Greece | Europe | Sol Energy company | Palaio Falio | Office | Office | 2007 | L | 35 | | | | Yazaki (Water/LiBr) |
| GR05 | 109 | Greece | Greece | Europe | Sarantis cosmetic factory | Viota | Industry | Industry | | L | | 700 | | | GBU (Water/Silicagel) |
| GR02 | 110 | Greece | Greece | Europe | | Lavrio | Public | Public | 2007 | | | | | 1,100 | Klingenburg (Water/LiCl) |
| GR03 | 111 | Greece | Greece | Europe | High Combi-CRES | Athens | Office | Office | | L | 35 | | | | SOLE S.A. (Water/LiBr) |
| HU01 | 112 | Hungary | Hungary | Europe | Tesco Super Market | Budapest | Public | Public | | L | 250 | | | | SOLE S.A. (Water/LiBr) |
| | 113 | Israel | Israel | Asia | Technion – Israel Institute of Technology | Haifa | Laboratory | Laboratory | | S | new | | | | |
| | 114 | Israel | Israel | Asia | Tel-Ashomer Hospital | Tel Hashomer | Hospital | Hospital | | L | new | | | | |
| | 115 | Italy | Italy | Europe | Private company | Arezzo | Private company | Office | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 116 | Italy | Italy | Europe | Private company | Perugia | Private company | Office | 2007 | S | | | | | Rotartica (Water/LiBr) |
| | 117 | Italy | Italy | Europe | Paradigma | Darzo | Office building | Office | 2006 | S | 15 | | | | EAW (Water/LiBr) |
| IT02 | 118 | Italy | Italy | Europe | ISSA | Milano | Office building | Office | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 119 | Italy | Italy | Europe | CRA-VIV | Pescia | Green house | Other Services | 2008 | S | | 7.5 | | | SorTech (Water/Silicagel) |
| | 120 | Italy | Italy | Europe | Schüco International | Sarmeola | Office building | Office | 2008 | S | 12 | | | | Pink (Ammonia/Water) |
| | 121 | Italy | Italy | Europe | Kindergarden Polimi | Milano | Kindergarden | School/University/Education centre | 2009 | S | 15 | | | | EAW (Water/LiBr) |
| | 122 | Italy | Italy | Europe | Ebner Solartechnik | Epnan | Office building | Office | 2009 | S | | 8.5 | | | SorTech (Water/Silicagel) |
| | 123 | Italy | Italy | Europe | University Cassino | Cassino | University | School/University/Education centre | BI | S | 15 | | | | EAW (Water/LiBr) |
| | 124 | Italy | Italy | Europe | Company | Concorrezzo | Offices | Office | 2008 | S | | | | 80 kW | Menerga (Water/Silicagel) |
| | 125 | Italy | Italy | Europe | University Palermo | Palermo | Test plant | Laboratory | 2008 | S | 17.5 | | | | Yazaki (Water/LiBr) |
| | 126 | Italy | Italy | Europe | AVIS | Bologna | Office | Office | 2009 | L | 17.5 | | | | Yazaki (Water/LiBr) |
| | 127 | Italy | Italy | Europe | Baxter | Pergine | Office | Office | | L | 105 | | | | |
| | 128 | Italy | Italy | Europe | EURAC | Bolzano | Education centre | School/University/Education centre | 2002 | L | 300 | | | | Thermax (Water/LiBr) |
| | 129 | Italy | Italy | Europe | Luigi Einaudi | Bolzano | Education centre | School/University/Education centre | | L | 300 | | | | |
| | 130 | Italy | Italy | Europe | San Maurizio | Bolzano | Nurse training centre | School/University/Education centre | | L | 250 | | | | |
| | 131 | Italy | Italy | Europe | Fire Station Bolzano | Bolzano | Fire fighters headquarter | Other Services | | L | 175 | | | | |
| | 132 | Italy | Italy | Europe | Ecomensa | Turin | Office canteen | Office | | L | | | 15,000 | | |
| | 133 | Italy | Italy | Europe | Dongo's gym | Dongo (Co) | Gym | Other Services | 2008 | L | 35 | | | | Yazaki (Water/LiBr) |
| | 134 | Italy | Italy | Europe | Como Municipality | Como | Offices | Office | | L | 480 | | | | |
| | 135 | Italy | Italy | Europe | Public Library | Como | Library | School/University/Education centre | | L | 280 | | | | |
| | 136 | Italy | Italy | Europe | METRO Cash & Carry | Roma | Wholesale, Offices and canteen | Office | | L | 700 | | | | |
| | 137 | Italy | Italy | Europe | DREAM | Palermo | Office and lab | Office | 2007 | L | | | 1,250 | | |
| | 138 | Italy | Italy | Europe | Scuola media ecosostenibile "Pedagna" | Imola | School | School/University/Education centre | | L | 35 | | | | |
| | 139 | Italy | Italy | Europe | Fortec srl | Correggio | Industry | Industry | | L | 44 | | | | |
| | 140 | Italy | Italy | Europe | Pertusati | Pavia | Nursing home | Other Services | 2009 | L | 70 | | | | Broadi (Water/LiBr) |
| | 141 | Italy | Italy | Europe | Santa Margherita | Pavia | Nursing home | Other Services | 2009 | L | 70 | | | | Broadi (Water/LiBr) |
| | 142 | Italy | Italy | Europe | Polistudio AES | Riccione | Offices | Office | 2007 | L | 35 | | | | |
| | 143 | Italy | Italy | Europe | Klobe headquarter | Bovolone (VR) | Offices | Office | 2008 | L | | | | 80 kW | Menerga (Water/Silicagel) |
| | 144 | Italy | Italy | Europe | Seminary | Vallo della Lucania (SA) | Canteen | Other Services | 2005 | L | 35 | | | | Yazaki (Water/LiBr) |
| | 145 | Italy | Italy | Europe | ENEA | Casaccia - Roma | Offices | Office | BI | L | 70 | | | | Yazaki (Water/LiBr) |
| IT01 | 146 | Italy | Italy | Europe | Ebner Solartechnik | Appiano | Commercial | Commercial | | S | 15 | | | | EAW (Water/LiBr) |
| IT03 | 147 | Italy | Italy | Europe | Business Centre | Pergine | Office | Office | | L | 70 | | | | LG (Water/LiBr) |
| IT04 | 148 | Italy | Italy | Europe | Asilo Politecnico | Milano | School | School | 2010 | S | | 8 | | | |
| | 149 | Japan | Japan | Asia | Toyama Geriatric Hospital | Toyama | Hospital | Hospital | | L | ? | | | | |
| | 150 | Japan | Japan | Asia | Yatsushiro National College of Technology | Yatsushiro | Research centre | School/University/Education centre | | L | ? | | | | |

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|-----------|-----|--------------|--------------------|-----------------|---|--------------------------|----------------------------------|------------------------------------|--------------------|------------|----------|----------|-------------|-------------|----------------------------------|
| | 151 | Kosovo | Other EU Countries | Europe | Bureaux Union Européenne | Pristina | Office | Office | | L | 90 | | | | |
| | 152 | Lichtenstein | Other EU Countries | Europe | Baugemeinschaft Rietli | Schaan | Residential building | Other Services | 2008 | S | 15 | | | | EAW (Water/LiBr) |
| | 153 | Malta | Other EU Countries | Europe | Retirement home Kalkhara | Kalkhara | Retirement home | Hospital | 2008 | S | 10 | | | | Pink (Ammonia/Water) |
| | 154 | Malta | Other EU Countries | Europe | Headquater of Eco Group | Kordin | Office building | Office | 2009 | S | 10 | | | | Pink (Ammonia/Water) |
| | 155 | Mexico | Mexico | Central America | Gütermann Polygal | Jiutepec | Sewing threads and yarns factory | Other Services | | L | | 290 | | | |
| | 156 | Netherlands | Other EU Countries | Europe | Verhulst | Waalwijk | Industrial | Industry | | L | | | 22 kW | | |
| | 157 | Netherlands | Other EU Countries | Europe | régie électrique EZK | Heemstede | Office | Office | | L | | | 46.2 kW | | |
| | 158 | Portugal | Portugal | Europe | Private company | Lisbon | Private company | Office | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 159 | Portugal | Portugal | Europe | Private company | Chegancas | Private company | Office | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 160 | Portugal | Portugal | Europe | AoSol | Lisbon | Office building | Office | 2009 | S | 8 | | | | AO SOL (Ammonia/Water) |
| PT01 | 161 | Portugal | Portugal | Europe | INETI | Lisbon | Office | Office | 1999 | L | | | | 5,000 | MODULAIR AG SACHSEN (Water/LiCl) |
| | 162 | Portugal | Portugal | Europe | ATECNIC | Sintra | Office | Office | | L | | | 57.6 kW | | |
| | 163 | Portugal | Portugal | Europe | Centrale contrôle trafic autoroutier | Sintra | Office | Office | | L | 70 | | | | |
| PT02 | 164 | Portugal | Portugal | Europe | Vajra Solar thermal design and distribution company | Algarve | Office | Office | 2005 | L | 36 | | | | Yazaki (Water/LiBr) |
| | 165 | Portugal | Portugal | Europe | CGD Caixa Geral de Depósitos | Lisbon | Office (bank) | Office | | L | 545 | | | | |
| | 166 | Singapore | Singapore | Asia | | Singapore | Office | Office | | L | | | | 350 kW | |
| | 167 | South Africa | South Africa | Africa | Netcare Moot hospital | Pretoria | Hospital | Hospital | BI | L | 35 | | | | |
| | 168 | Spain | Spain | Europe | Private House | Barcelona | Residential building | Residential | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| ES09 | 169 | Spain | Spain | Europe | Sports Centre | Zaragoza | Sports Centre | Other Services | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 170 | Spain | Spain | Europe | Private Company | Sarriguren-Navarra | Offices | Office | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 171 | Spain | Spain | Europe | Public Building | Puerto Lumbreras-Murcia | Sport Centre | Other Services | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 172 | Spain | Spain | Europe | Private Company | Sevilla | Offices | Office | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 173 | Spain | Spain | Europe | Private House | Madrid | Residential building | Residential | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 174 | Spain | Spain | Europe | Private Company (Food) | Noreña-Asturias | Private Company (Food) | Other Services | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 175 | Spain | Spain | Europe | Private House | Bilbao | Residential building | Residential | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 176 | Spain | Spain | Europe | School | Segovia | School | School/University/Education centre | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 177 | Spain | Spain | Europe | School | Santurtzi | School | School/University/Education centre | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 178 | Spain | Spain | Europe | Private hospital | Tenerife | Hospital | Hospital | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 179 | Spain | Spain | Europe | Retirement home | Las Palmas-Canarias | Retirement home | Hospital | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 180 | Spain | Spain | Europe | Private Company | Sevilla | Offices | Office | 2006 | S | 9 | | | | Rotartica (Water/LiBr) |
| | 181 | Spain | Spain | Europe | Private Company | Basauri-Bizkaia | Offices | Office | 2006 | S | 9 | | | | Rotartica (Water/LiBr) |
| | 182 | Spain | Spain | Europe | Public Building | Erreñeria-Gipuzkoa | Public Building | Other Services | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 183 | Spain | Spain | Europe | Private Company | Basauri-Bizkaia | Offices | Office | 2006 | S | 13.5 | | | | Rotartica (Water/LiBr) |
| | 184 | Spain | Spain | Europe | Training Centre | Guadalajara | Training Centre | Other Services | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 185 | Spain | Spain | Europe | Trade Exhibition Center | Gijón | Trade Exhibition Centre | Other Services | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 186 | Spain | Spain | Europe | Experimental Installation | Arganda del Rey-Madrid | Experimental Installation | Laboratory | 2006 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 187 | Spain | Spain | Europe | Private House | Villajoyosa-Alicante | Residential building | Residential | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 188 | Spain | Spain | Europe | School | Molina de Segura | School | School/University/Education centre | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 189 | Spain | Spain | Europe | Private House | Madrid | Residential building | Residential | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 190 | Spain | Spain | Europe | Private House | Oliveres-Sevilla | Residential building | Residential | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 191 | Spain | Spain | Europe | Private Company (Food) | Estepa-Sevilla | Private Company (Food) | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 192 | Spain | Spain | Europe | Private House | Brunete-Madrid | Residential building | Residential | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 193 | Spain | Spain | Europe | Private House | Zuñu-Araba | Residential building | Residential | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 194 | Spain | Spain | Europe | University | Yecia-Murcia | Common Zones | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 195 | Spain | Spain | Europe | Camping | Aznalcázar-Sevilla | Camping | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 196 | Spain | Spain | Europe | Private Company | Gazteiz-Araba | Show Room | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 197 | Spain | Spain | Europe | Technological Research Centre | Miñano-Araba | Technological Research Centre | School/University/Education centre | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 198 | Spain | Spain | Europe | University | Santander | University | School/University/Education centre | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 199 | Spain | Spain | Europe | Office | Sanlúcar Lamayor-Sevilla | Office | Office | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 200 | Spain | Spain | Europe | Museum | Granada | Museum | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |

| QAiST No. | N° | Country | Country label | Continent | Name of Owner Company/Project | City | Application type | Application label | Year of completion | Scale type | Abs [kW] | Ads [kW] | DECs [m³/h] | DECI [m³/h] | Manufacturer |
|-----------|-----|---------|---------------|-----------|---|----------------------------|---------------------------|------------------------------------|--------------------|------------|----------|----------|-------------|-------------|--------------------------|
| | 201 | Spain | Spain | Europe | Public Building | La Moncloa-Madrid | Public Building | Other Services | 2007 | S | 18 | | | | Rotartica (Water/LiBr) |
| | 202 | Spain | Spain | Europe | Private House | Puerto Santamaría-Cádiz | Residential building | Residential | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 203 | Spain | Spain | Europe | University Rooms | Univ. Cartagena | University Rooms | School/University/Education centre | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 204 | Spain | Spain | Europe | Tourism Office | Matalascañas-Huelva | Tourism Office | Office | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 205 | Spain | Spain | Europe | Public Building | Molina de Segura-Murcia | Public Building | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 206 | Spain | Spain | Europe | Sports Centre | La Carlota-Córdoba | Sports Centre | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 207 | Spain | Spain | Europe | Private company | Fuente Alamo | Private company | Other Services | 2007 | S | 9 | | | | Rotartica (Water/LiBr) |
| | 208 | Spain | Spain | Europe | Public Building (Room) | Tivissa-Tarragona | Public Building (Room) | Other Services | 2007 | S | 9 | | | | Rotartica (Water/LiBr) |
| | 209 | Spain | Spain | Europe | Public Building | León | Public Building | Other Services | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 210 | Spain | Spain | Europe | University Laboratory | Tarragona | University Laboratory | Laboratory | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 211 | Spain | Spain | Europe | Domolab | Miñao | Showroom | Other Services | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 212 | Spain | Spain | Europe | Private Company (Animals) | La Muela-Zaragoza | Private Company (Animals) | Office | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 213 | Spain | Spain | Europe | Private Company | Espinardo-Murcia | Private Company | Office | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 214 | Spain | Spain | Europe | Biodiesel Installation | Kaparroso-Navarra | Biodiesel Installation | Other Services | 2008 | S | 9 | | | | Rotartica (Water/LiBr) |
| | 215 | Spain | Spain | Europe | Golf (shop and bar) | La Manga-Murcia | Golf (shop and bar) | Other Services | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 216 | Spain | Spain | Europe | Retirement home | Terrassa-Barcelona | Retirement home | Hospital | 2008 | S | 9 | | | | Rotartica (Water/LiBr) |
| | 217 | Spain | Spain | Europe | Private House | Girona | Residential building | Residential | 2008 | S | 18 | | | | Rotartica (Water/LiBr) |
| | 218 | Spain | Spain | Europe | Multi Family House | Laguna de Duero-Valladolid | Multi Family House | Residential | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 219 | Spain | Spain | Europe | Hotel | Lanzarote | Hotel | Hotel | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 220 | Spain | Spain | Europe | Public Building | Bullas-Murcia | Public Building | Other Services | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 221 | Spain | Spain | Europe | Public Building | San José de la Vega-Murcia | Public Building | Other Services | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 222 | Spain | Spain | Europe | Public Building | Alcantarilla-Murcia | Public Building | Other Services | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 223 | Spain | Spain | Europe | School | Portugalete | School | School/University/Education centre | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 224 | Spain | Spain | Europe | Private Company (Food) | Noreña-Asturias | Private Company (Food) | Office | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 225 | Spain | Spain | Europe | Private House | Brunete-Madrid | Residential building | Residential | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 226 | Spain | Spain | Europe | Experimental Installation | Arganda del Rey-Madrid | Experimental Installation | Laboratory | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 227 | Spain | Spain | Europe | University | Jaén | University | School/University/Education centre | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 228 | Spain | Spain | Europe | National Institute of Airospacial Techniques INTA | Huelva | Laboratory set up | Laboratory | | S | 10 | | | | |
| | 229 | Spain | Spain | Europe | University of Zaragoza | Zaragoza | University | School/University/Education centre | | S | 4.5 | | | | |
| | 230 | Spain | Spain | Europe | Office | Narón | Office | Office | | S | 20 | | | | |
| ES03 | 231 | Spain | Spain | Europe | House | Bilbao | House | Residential | | S | 10 | | | | ClimateWell (Water/LiBr) |
| | 232 | Spain | Spain | Europe | House | Toledo | House | Residential | | S | 10 | | | | |
| | 233 | Spain | Spain | Europe | Office | Valencia | Office | Office | | S | 10 | | | | |
| | 234 | Spain | Spain | Europe | House | Valencia | House | Residential | | S | 10 | | | | |
| | 235 | Spain | Spain | Europe | Office | Madrid | Office | Office | | S | 10 | | | | |
| | 236 | Spain | Spain | Europe | Office | Madrid | Office | Office | | S | 40 | | | | |
| | 237 | Spain | Spain | Europe | Office | Almería | Office | Office | | S | 40 | | | | |
| | 238 | Spain | Spain | Europe | House | Granada | House | Residential | | S | 10 | | | | |
| | 239 | Spain | Spain | Europe | House/Office | Madrid | House/Office | Residential | | S | 10 | | | | |
| | 240 | Spain | Spain | Europe | Office | Barcelona | Office | Office | | S | 10 | | | | |
| | 241 | Spain | Spain | Europe | House | Ciudad Real | House | Residential | | S | 10 | | | | |
| | 242 | Spain | Spain | Europe | House | Torre Laguna | House | Residential | | S | 10 | | | | |
| | 243 | Spain | Spain | Europe | House | Chiclana | House | Residential | | S | 10 | | | | |
| | 244 | Spain | Spain | Europe | House | Guadalajara | House | Residential | | S | 10 | | | | |
| | 245 | Spain | Spain | Europe | House | Madrid | House | Residential | | S | 40 | | | | |
| | 246 | Spain | Spain | Europe | Test station | Gijón | Test station | Laboratory | | S | 10 | | | | |
| | 247 | Spain | Spain | Europe | Office | Valladolid | Office | Office | | S | 10 | | | | |
| | 248 | Spain | Spain | Europe | House | Ibiza | House | Residential | | S | 10 | | | | |
| | 249 | Spain | Spain | Europe | Office | Asturias | Office | Office | | S | 50 | | | | |
| | 250 | Spain | Spain | Europe | Office | Castellón | Office | Office | | S | | | | | |

| QAiST No. | N° | Country | Country label | Continent | Name of Owner Company/Project | City | Application type | Application label | Year of completion | Scale type | Abs [kW] | Ads [kW] | DECs [m³/h] | DECI [m³/h] | Manufacturer |
|-----------|-----|---------|---------------|-----------|--|-----------------------------|----------------------|------------------------------------|--------------------|------------|----------|----------|-------------|-------------|-------------------------------|
| | 251 | Spain | Spain | Europe | House | Sitges | House | Residential | | S | | | | | |
| | 252 | Spain | Spain | Europe | Gym | Murcia | Gym | Other Services | | S | 10 | | | | |
| | 253 | Spain | Spain | Europe | House | Granada | House | Residential | | S | 10 | | | | |
| | 254 | Spain | Spain | Europe | Office | Sevilla | Office | Office | | S | 120 | | | | |
| | 255 | Spain | Spain | Europe | Oficina | Asturias | Office | Industry | | S | 10 | | | | |
| | 256 | Spain | Spain | Europe | House | Bilbao | House | Residential | | S | 10 | | | | |
| | 257 | Spain | Spain | Europe | Residencia | Madrid | Residential building | Residential | | S | 20 | | | | |
| | 258 | Spain | Spain | Europe | House | Algeciras | House | Residential | | S | 20 | | | | |
| | 259 | Spain | Spain | Europe | House | Valencia | House | Residential | | S | 10 | | | | |
| | 260 | Spain | Spain | Europe | Office | Madrid | Office | Office | | S | 10 | | | | |
| | 261 | Spain | Spain | Europe | Hotel | Jerez de la Frontera | Hotel | Hotel | | S | 20 | | | | |
| | 262 | Spain | Spain | Europe | Office | Soria | Office | Office | | S | | | | | |
| | 263 | Spain | Spain | Europe | House | Valencia | House | Residential | | S | 10 | | | | |
| | 264 | Spain | Spain | Europe | House | Barcelona | House | Residential | | S | 20 | | | | |
| | 265 | Spain | Spain | Europe | House | Barcelona | House | Residential | | S | 10 | | | | |
| | 266 | Spain | Spain | Europe | Office | Leganes | Office | Office | | S | 10 | | | | |
| | 267 | Spain | Spain | Europe | House | Manresa | House | Residential | | S | | | | | |
| | 268 | Spain | Spain | Europe | House | Torrelodones | House | Residential | | S | 20 | | | | |
| | 269 | Spain | Spain | Europe | University of Zaragoza | Zaragoza | Gymnasium | School/University/Education centre | 2006 | S | new | | | | |
| | 270 | Spain | Spain | Europe | Office | Leon | Office | Office | | S | | | | | |
| | 271 | Spain | Spain | Europe | Social & Cultural Centre Clara Campoamor | Barakaldo | Auditorium | Other Services | | L | 229 | | | | |
| | 272 | Spain | Spain | Europe | Education Department Regional Government | Toledo | Office | Office | | L | 252 | | | | |
| | 273 | Spain | Spain | Europe | Fabrica del Sol Building | Barcelona | Office | Office | | L | 105 | | | | |
| | 274 | Spain | Spain | Europe | Fundacion Metropoli Building | Madrid | Office | Office | | L | 105 | | | | |
| | 275 | Spain | Spain | Europe | Daoiz y Velarde Sport Centre | Madrid | Sport centre | Other Services | | L | 170 | | | | |
| ES10 | 276 | Spain | Spain | Europe | Inditex head Offices | Arteixo | Office | Office | | L | 170 | | | | Carrier (Water/LiBr) |
| | 277 | Spain | Spain | Europe | Maison de retraite | Fustinana | Retired people house | Hospital | | L | 105 | | | | |
| | 278 | Spain | Spain | Europe | University Rovira i Virgili CREVER | Tarragone | Office | Office | | L | 35 | | | | |
| | 279 | Spain | Spain | Europe | Viessmann Head Offices | Madrid | Office | Office | | L | 105 | | | | |
| | 280 | Spain | Spain | Europe | Belroy palace Hotel | Benidorm | Hotel | Hotel | | L | 125 | | | | |
| | 281 | Spain | Spain | Europe | University of Sevilla | Seville | Laboratory | Laboratory | | L | 35 | | | | |
| | 282 | Spain | Spain | Europe | University of Carlos III | Madrid | Laboratory | Laboratory | | L | 35 | | | | |
| | 283 | Spain | Spain | Europe | Laia hotel | Derio | Hotel | Hotel | | L | 105 | | | | |
| ES02 | 284 | Spain | Spain | Europe | CARTIF I, Boecillo Technology Park | Valladolid | Office | Office | 2002 | L | 35 | | | | Yazaki (Water/LiBr) |
| | 285 | Spain | Spain | Europe | Siemens Controlmatic | Cornelia del Vallès | Office | Office | | L | 105 | | | | |
| | 286 | Spain | Spain | Europe | FONTEDESOL | Oso | Industry | Industry | | L | 105 | | | | |
| | 287 | Spain | Spain | Europe | Stella-Feuga | Santiago de Compostela | Office | Office | | L | 115 | | | | |
| ES01 | 288 | Spain | Spain | Europe | Pompeu i Fabra Library | Mataro | Library | School/University/Education centre | 2002 | L | | | 12,000 | | Seibu Giken (Water/Silicagel) |
| | 289 | Spain | Spain | Europe | Gamesa Solar | Tarragone | Office | Office | | L | 35 | | | | |
| | 290 | Spain | Spain | Europe | Cener Offices | Pamplona | Office | Office | | L | 350 | | | | |
| | 291 | Spain | Spain | Europe | TRASLUZ | Madrid | Office | Office | | L | 390 | | | | |
| | 292 | Spain | Spain | Europe | Isofoton Offices | Málaga | Office | Office | | L | 35 | | | | |
| | 293 | Spain | Spain | Europe | Germany School | Barcelona | School | School/University/Education centre | | L | 20 | | | | |
| | 294 | Spain | Spain | Europe | Peracamps-Public Health Agency | Barcelona | Laboratories | Laboratory | | L | 35 | | | | |
| ES04 | 295 | Spain | Spain | Europe | Agencia de la Salud Publica | Barcelona | Laboratory | Laboratory | 2008 | L | 35 | | | | Yazaki (Water/LiBr) |
| ES05 | 296 | Spain | Spain | Europe | Altamarena Hotel | Morro Jable - Fuerteventura | Hotel | Hotel | | L | 70 | | | | Thermax (Water/LiBr) |
| ES06 | 297 | Spain | Spain | Europe | | Santa Lucia | Office | Office | | L | 35 | | | | Yazaki (Water/LiBr) |
| ES07 | 298 | Spain | Spain | Europe | IFA Catarina Hotel | San Bartolome de Tirajana | Hotel | Hotel | | L | 70 | | | | Yazaki (Water/LiBr) |
| ES08 | 299 | Spain | Spain | Europe | IFA Continental Hotel | San Bartolome de Tirajana | Hotel | Hotel | | L | 176 | | | | Yazaki (Water/LiBr) |
| ES11 | 300 | Spain | Spain | Europe | Casa campo en Arges | Arges | Residential | Residential | | S | 10 | | | | |

| QAIst No. | N° | Country | Country label | Continent | Name of Owner Company/Project | City | Application type | Application label | Year of completion | Scale type | Abs [kW] | Ads [kW] | DECs [m³/h] | DECI [m³/h] | Manufacturer |
|-----------|-----|----------------------|--------------------|---------------|--------------------------------|----------------------------|---------------------------|------------------------------------|--------------------|------------|----------|----------|-------------|-------------|---------------------------------|
| ES12 | 301 | Spain | Spain | Europe | Fundacion Barredo | Mieres del Camino | Office | Office | | L | 75 | | | | |
| ES13 | 302 | Spain | Spain | Europe | | Madrid | Office | Office | | L | 60 | | | | |
| ES14 | 303 | Spain | Spain | Europe | CEDER | Lubia-Soria | Office | Office | | L | 75 | | | | |
| ES15 | 304 | Spain | Spain | Europe | Plataforma Solar de Almeria | Tabernes | Office | Office | | L | 60 | | | | |
| ES16 | 305 | Spain | Spain | Europe | | Getxo | Residential | Residential | | S | 10 | | | | |
| ES17 | 306 | Spain | Spain | Europe | Simelec | San Andres del Rabanedo | Office | Office | | S | 10 | | | | |
| SW01 | 307 | Sweden | Sweden | Europe | Ssolar | | Commercial | Commercial | | | | | | | Munter (Water/Lithium chloride) |
| CH01 | 308 | Switzerland | Other EU Countries | Europe | Weingut Schloss Salenegg | Mainfeld | Wine cellar | Other Services | 2005 | S | 15 | | | | EAW (Water/LiBr) |
| | 309 | Switzerland | Other EU Countries | Europe | Bank Pictet & Cie | Gineve | Offices | Office | | L | 210 | | | | |
| | 310 | Syria | Syria | Asia | Private House | Damascus | Residential building | Residential | 2008 | S | 9 | | | | Rotartica (Water/LiBr) |
| | 311 | Sudan | Sudan | Africa | Emergency | Khartoum | Hospital | Hospital | 2006 | L | 1230 | | | | Ebara (Water/LiBr) |
| | 312 | Turkey | Other EU Countries | Europe | Metro Antaly | Antalya | Supermarket | Other Services | | L | 233 | | | | |
| | 313 | Turkey | Other EU Countries | Europe | Iberotel Sarigerme Park | Dalaman | Hotel | Hotel | | L | 140 | | | | |
| | 314 | United Arab Emirates | UAE | Asia | Private house | Ras Al Khaimah | Residential building | Residential | 2008 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 315 | United Kingdom | Other EU Countries | Europe | University | Cardif | University | School/University/Education centre | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 316 | USA | USA | North America | Private house | Cincinnati | Residential building | Residential | 2007 | S | 4.5 | | | | Rotartica (Water/LiBr) |
| | 317 | USA | USA | North America | Bergquam Energy | Sacramento, CA | Home | Residential | | S | | | | | |
| | 318 | USA | USA | North America | Desert Outdoor Center | Phoenix (Arizona) | Laboratory | Laboratory | | L | 70 | | | | |
| | 319 | USA | USA | North America | SRP (Salt River Project) | Phoenix, Arizona | ? | Other Services | | L | | | | | |
| | 320 | USA | USA | North America | UNM (University of New Mexico) | Albuquerque, NM | Offices | Office | | L | 70 | | | | |
| | 321 | USA | USA | North America | Audubon Nature Center | Los Angeles, CA | Conference rooms | Other Services | | L | 35 | | | | |
| | 322 | USA | USA | North America | Bergquam Energy | Sacramento, CA | Commercial building | Other Services | | L | 70 | | | | |
| | 323 | USA | USA | North America | IST | Ft. Huachuca, AZ | ? | Other Services | | L | | | | | |
| | 324 | USA | USA | North America | NASA | Kennedy Space Center, FL | ? | Other Services | | L | | | | | |
| | 325 | USA | USA | North America | Heliodynamics | Albuquerque, NM | Airport car rental centre | Other Services | | L | | | | | |
| | 326 | USA | USA | North America | Steinway | Long Island City, New York | Industry | Industry | | L | X | | | | |
| | 327 | Vatican | Other EU Countries | Europe | | Vatican | Canteen & Laboratory | Laboratory | BI | L | 105 | | | | Yazaki (Water/LiBr) |

2 References

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