

PV-Insider are pleased to present you with the **top 100 PV plants map** in association with the exciting launch of PV Balance of Systems Conference & Exhibition:

PV Balance of Systems Conference & Exhibition

28-29 June, nhow Hotel, Berlin

www.pv-insider.com/balanceofsystems

*The event will focus on towards a PV market without subsidies:
How to optimise your PV balance of systems and maximise efficiency for
improved profit margins*

During these two jam packed days, you will develop a strategy and get answers on:

- **Finance and FITs** – With feed-in tariff uncertainty rife in Europe, understand the impact that optimised balance of systems will have on your system efficiency and ultimate longevity
- **A-Z of components** – From inverters to cables, mounting systems to trackers, get the low-down on how to make critical efficiency gains & reduce costs that will boost your profit margins
- **Increasing voltage, increasing efficiency** - As PV systems in Europe head towards 1500v, understand how inverters, cabling and other components will cope with increased voltage
- **Installation cost-savers** – Discover how ease of installation will improve your plants LCOE and understand the efficiency gains behind plug and play systems
- **Plant modelling and PV performance data** – Analyse the latest PV plant figures and gain valuable lessons for your project

Gain invaluable knowledge from leading PV experts...already confirmed



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Map of Largest Operating European PV Plant Locations

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Constructed 2007

1 Serpa PV power plant, Serpa, Alentejo, Portugal, 2007, 11 MW

Constructed 2008

2 Moura fotovoltaic power plant, Moura, Portugal, 2008, 46 MW

Constructed 2009

3 Montalto di Castro PV power plant, Montalto di Castro, Lazio, Italy, 2009, 84.2 MW

4 Photovoltaic plant Stríbro, Stríbro, Czech Republic, 2009, 13.6 MW

Constructed 2010

5 FVE Uhersky Brod, Uhersky Brod, Czech Republic, 2010, 10.21 MW

6 FVE Veprek, Veprek, Czech Republic, 2010, 35 MW

7 FVE Ralsko A, Ralsko, Czech Republic, 2010, 14.24 MW

8 Loghiden City, Kallo, Belgium, 2010, 13 MW

9 Gabardan PV power plant, Gabardan, France, 2010, 26 MW

10 Parc Solaire Les Mees, Les Mees, France, 2010, 24 MW

11 Puyloubier PV power plant, Puyloubier, France, 2010, 12 MW

12 Sant' Alberto PV power plant, Sant Alberto, Italy, 2010, 34.63 MW

13 Manzano, Manzano, Udine, Italy, 2010, 11.2 MW

14 Anguillara PV power plant, Anguillara, Lazio, Italy, 2010, 15 MW

15 Rovigo PV power plant, Rovigo, Italy, 2010, 70 MW

16 Priolo PV power plant, Priolo, Sicilia, Italy, 2010, 13.5 MW

17 Loreo PV power plant, Loreo, Veneto, Italy, 2010, 12.6 MW

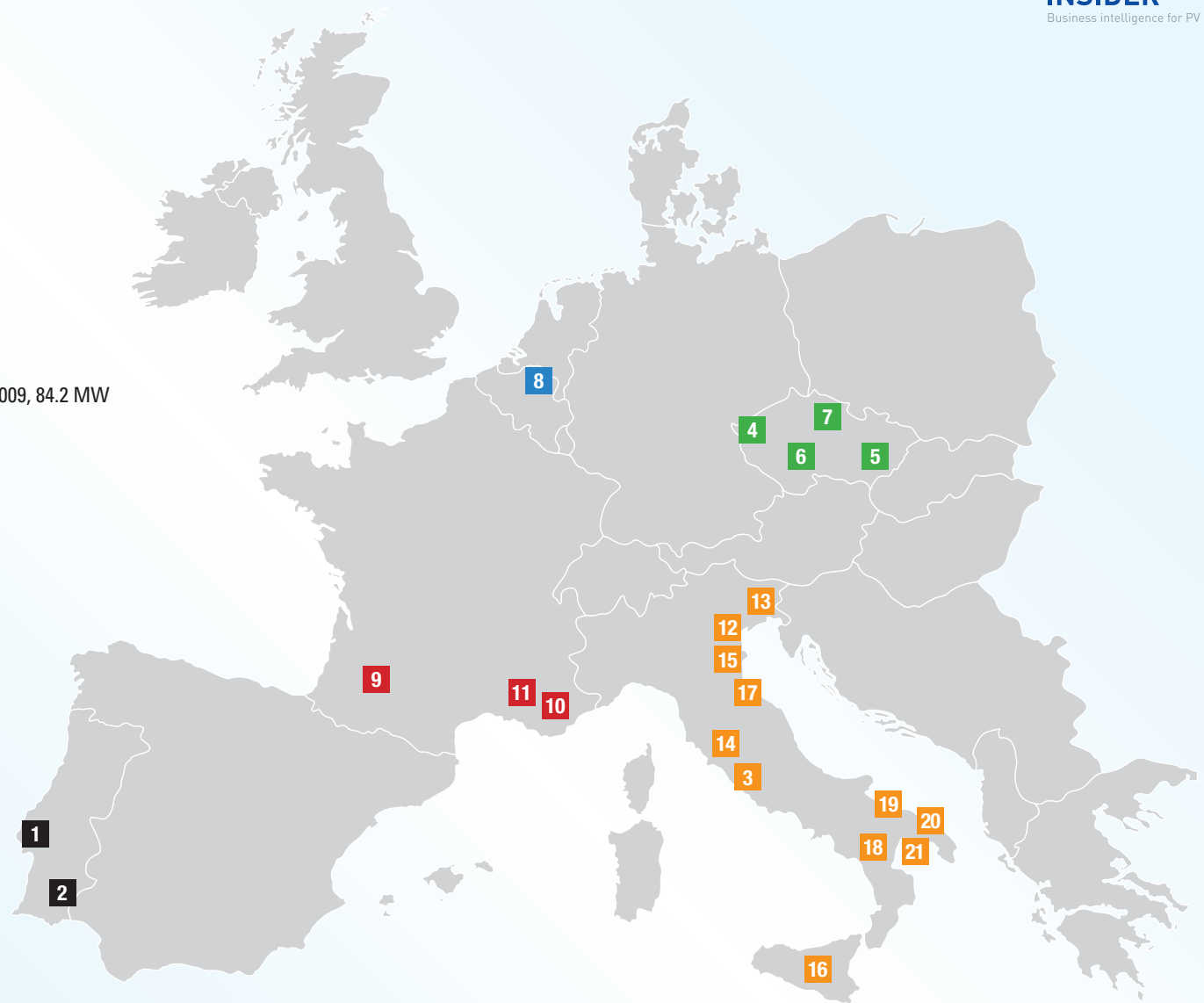
18 Craco PV power plant, Craco, Basilicata, Italy, 2010, 12 MW

19 Palo PV power plant, Palo, Bari, Italy, 2010, 7 MW

20 Cellino San Marco PV power plant, Cellino San Marco, Italy, 2010, 43 MW

Constructed 2011

21 Castellaneta PV power plant, Castellaneta, Taranto, Italy, 2011, 14 MW



PV Germany plant locations

Constructed 2006

- 1 Solarpark Pocking I,II, Pocking, Germany, 2006, 22 MW
- 2 Solarpark Gut Erlasee, Erlasee, Arnstein, Germany, 2006, 12 MW

Constructed 2007

- 3 Solarpark Waldpolenz, Brandis, Germany, 2007-2008, 40 MW
- 4 Solarpark "Rote Jahne", Doberschütz, Sachsen, Germany, 2007-2009, 13.25 MW

Constructed 2008

- 5 Solarpark Helmeringen, Helmeringen, Germany, 2008-2010, 25.7 MW
- 6 Solaranlage Flugplatz Köthen, Köthen, Sachsen- Anhalt, Germany, 2008 14.75 MW

Constructed 2009

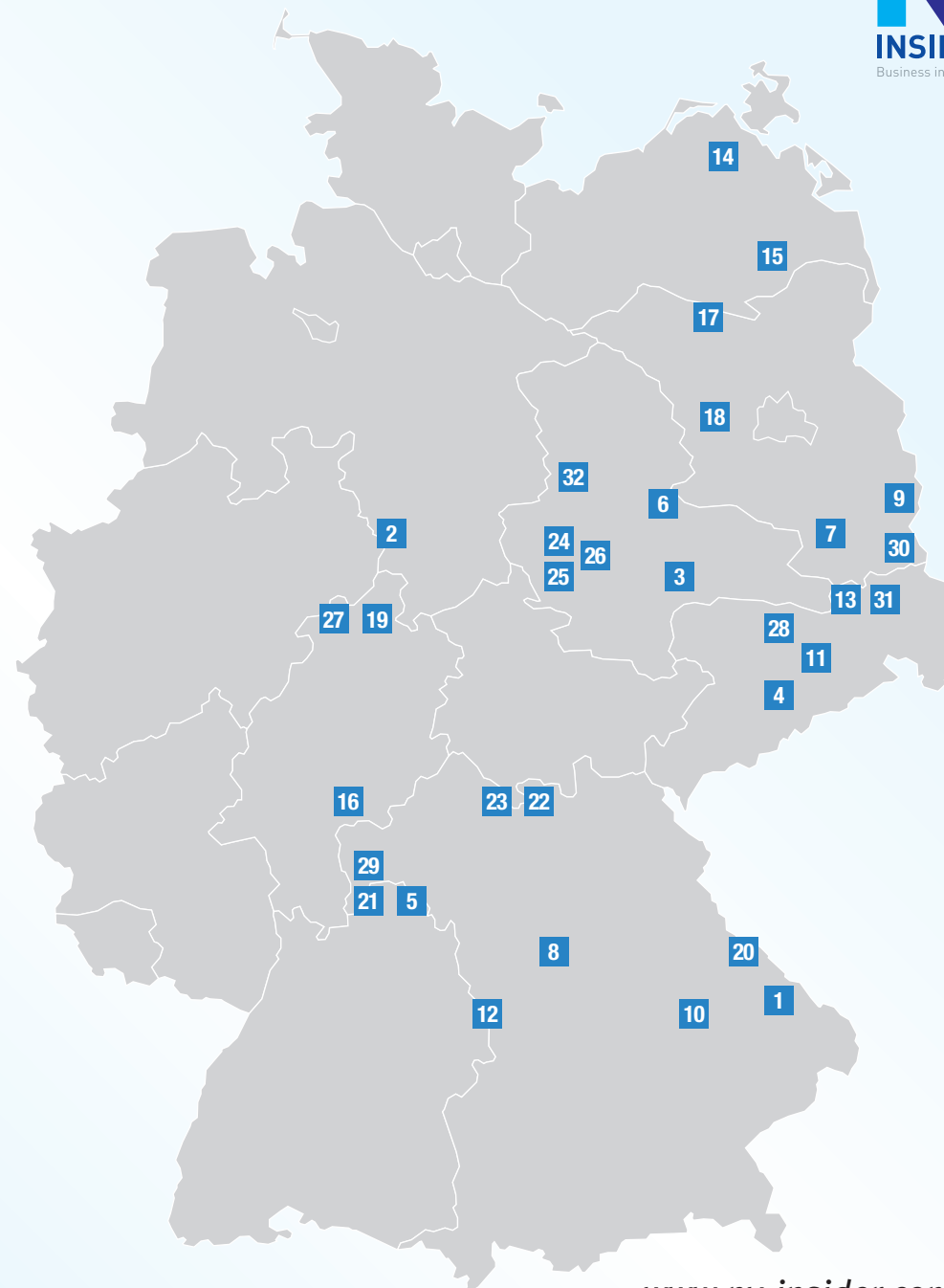
- 7 Solarpark Finsterwalde I,II,III, Finsterwalde, Germany, 2009-2010, 80.7 MW
- 8 Solarpark Straßkirchen, Straßkirchen, Germany, 2009, 54 MW
- 9 Solarpark Lieberose, Turnow-Preilack, Germany, 2009, 53 MW
- 10 Solarpark Mengkofen, Mengkofen, Germany, 2009, 21.78 MW
- 11 Solarpark Rothenburg, Rothenburg, Sachsen, Germany, 2009, 20 MW
- 12 Solaranlage Allmannshofen, Allmannshofen, Bavaria, Germany, 2009, 15 MW
- 13 Solarpark Zeithain, Zeithain, Germany, 2009, 12 MW
- 14 Solarpark Tutow I,II, Tutow, Mecklenburg- Vorpommern, Germany, 2009-2010 31 MW

Constructed 2010

- 15 Solarpark Reckahn I,II, Reckahn, Germany, 2010, 36 MW
- 16 Solarpark Ernsthof Ost, Ernsthof West I-IV, Dörlesberg, Germany, 2010, 34.4 MW
- 17 Solarpark Finow, Finow, Germany, 2010, 24.5 MW
- 18 Solarpark Köthen, Köthen, Germany, 2010-2011, 22 MW
- 19 Solarpark Thüngen, Thüngen, Germany, 2010, 18 MW
- 20 Solarpark Moos, Moos, Bavaria, Germany, 2010, 15.8 MW
- 21 Solarpark Richelbach, Richelbach, Bavaria, Germany, 2010, 14.3 MW
- 22 Solarpark Breitengüßbach, Breitengüßbach, Bavaria , Germany, 2010, 13.8 MW
- 23 Solarpark Rentweinsdorf, Rentweinsdorf, Germany, 2010, 12.6 MW
- 24 Solarpark Berga, Berga, Sachsen-Anhalt, Germany, 2010, 12 MW
- 25 Solarpark Sietzsch I,II, Landsberg, Sachsen-Anhalt, Germany, 2010, 12 MW
- 26 Solarpark Helbra, Helbra, Sachsen-Anhalt, Germany, 2010, 11.7 MW
- 27 Solarpark Laudенbach, Laudенbach, Bavaria, Germany, 2010, 11.15 MW
- 28 Solarpark Wülknitz, Wülknitz, Sachsen, Germany, 2010, 11 MW
- 29 Solarpark Ahorn, Berolzheim, Germany, 2010, 11 MW
- 30 Solarpark Preschen, Preschen, Brandenburg, Germany, 2010, 10.2 MW
- 31 Solarpark Senftenberg, Senftenberg, Germany, Phoenix Solar, 2010 18 MW

Constructed 2011

- 32 Solarpark Eiche, Eiche, Germany, 2011 25 MW



PV Italy plant locations



Constructed 2009

1 Montalto di Castro PV power plant, Montalto di Castro, Lazio, Italy, 2009, 84.2 MW

Constructed 2010

2 Sant' Alberto PV power plant, Sant Alberto, Italy, 2010, 34.63 MW

3 Manzano, Manzano, Udine, Italy, 2010, 11.2 MW

4 Anguillara PV power plant, Anguillara, Lazio, Italy, 2010, 15 MW

5 Rovigo PV power plant, Rovigo, Italy, 2010, 70 MW

6 Priolo PV power plant, Priolo, Sicilia, Italy, 2010, 13.5 MW

7 Loreo PV power plant, Loreo, Veneto, Italy, 2010, 12.6 MW

8 Craco PV power plant, Craco, Basilicata, Italy, 2010, 12 MW

9 Palo PV power plant, Palo, Bari, Italy, 2010, 7 MW

10 Cellino San Marco PV power plant, Cellino San Marco, Italy, 2010, 43 MW

Constructed 2011

11 Castellaneta PV power plant, Castellaneta, Taranto, Italy, 2011, 14 MW

PV Spain plant locations

Constructed 2006

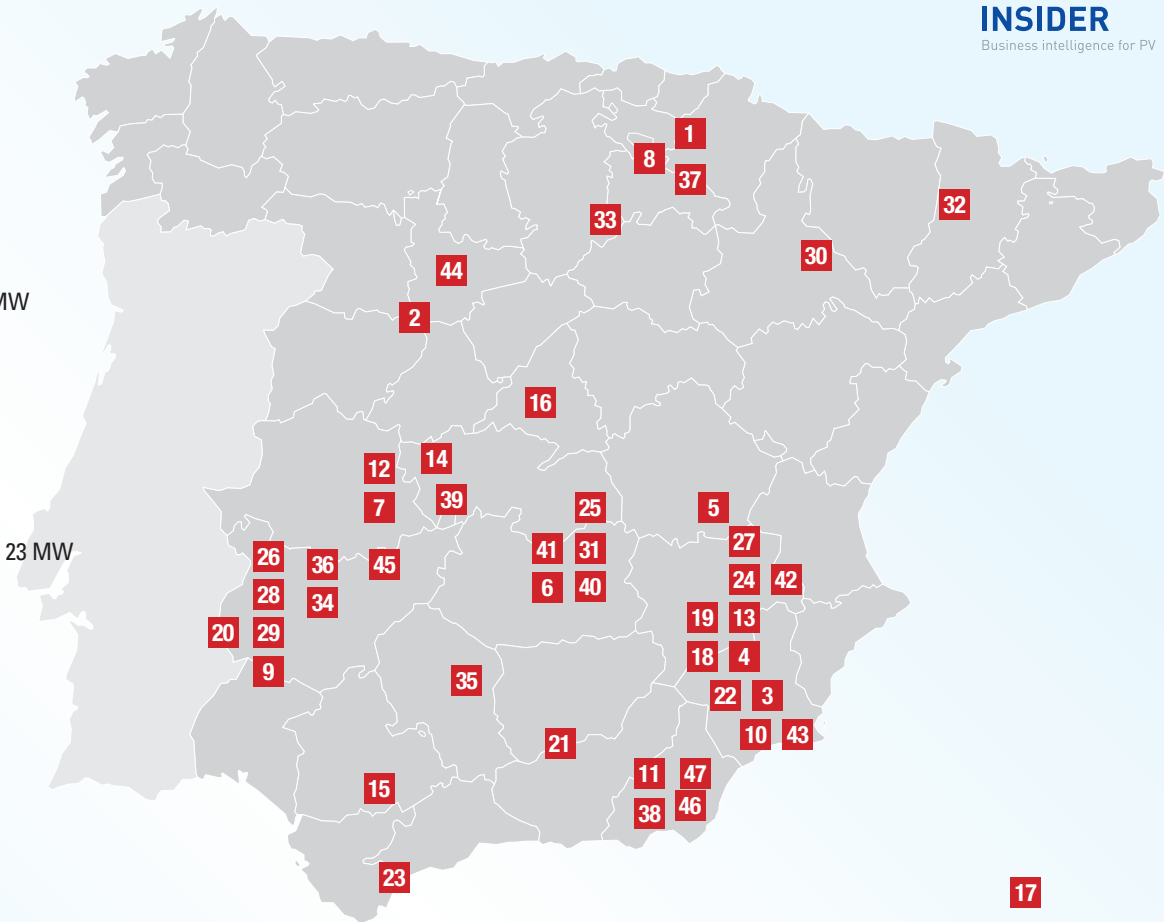
- 1** Parque Solar Fotovoltaico Villafranca, Amonix High Concentration Photovoltaic HCPV technology, Villafranca, Navarra, Spain, 2006-2008, 12 MW

Constructed 2007

- 2** Planta Solar de Salamanca, Salamanca, Spain, 2007, 13.8 MW
- 3** Solarpark Lobosillo, Murcia, Lobosillo, Murcia, Spain, 2007, 12.7 MW
- 4** Solarpark Beneixama, Beneixama, Alicante, Spain, 2007 20 MW

Constructed 2008

- 5** Parque Fotovoltaico Olmedilla de Alarcón, Olmedilla, Castilla-La Mancha, Spain, 2008, 60 MW
- 6** Parque Fotovoltaico Puertollano, Puertollano, Castila-La Mancha, Spain, 2008, 50 MW
- 7** Planta Solar La Magascona & La Magasquila, Trujillo, Cáceres, Spain, 2008, 34.5 MW
- 8** Planta Solar Arnedo, Arnedo, La Rioja, Spain, 2008, 34 MW
- 9** Parque Solar "SPEX" Merida/Don Alvaro, Merida, Extremadura, Spain, 2008, 30 MW
- 10** Planta solar Fuente Álamo, Fuente Álamo, Murcia, Spain, 2008, 26 MW
- 11** Planta fotovoltaica de Lucainena de las Torres, Almeria, Spain, 2008, 23.2 MW
- 12** Parque Fotovoltaico Abertura Solar, Abertura, Caceres, Spain, 2008, 23.1 MW
- 13** Parque Solar Hoya de Los Vincentes, Jumilla, Hoya de Los Vincentes, Jumilla, Spain, 2008, 23 MW
- 14** Huerta Solar Almaraz, Almaraz, Caceres, Spain, 2008, 22.068 MW
- 15** Parque Solar Parque solar El Coronil I + II, El Coronil, Andalucia, Spain, 2008, 21.47 MW
- 16** Solarpark Calavéron, Calavéron, Spain, 2008, 21.2 MW
- 17** Parque Fotovoltaico SOLTEN I+II, Granadillas Industrial Estate, Granadilla de Abona, Canary Islands, Spain, 2008, 20 MW
- 18** Planta solar fotovoltaico Calasparra, Calasparra, Murcia, Spain, 2008, 20 MW
- 19** Parque Solar El Bonillo, El Bonillo, Albacete, Spain, 2008, 20 MW
- 20** Parque Solar Olivenza, Olivenza, Badajoz, Spain, 2008, 18 MW
- 21** Huerta Solar Las Gabias, Las Gabias, Granada, Spain, 2008, 18 MW
- 22** Planta Solar Lorca, Lorca, Murcia, Spain, 2008, 14.92 MW
- 23** Parque Solar Guadarranque, San Roque, Andalucia, Spain, 2008, 13.6 MW
- 24** Huerta Solar El Realengo, Crevillent, Alicante, Spain, 2008, 13.235 MW
- 25** Parque Fotovoltaico Casas , Casas de Los Pinos, Castila-La Mancha, Spain, 2008, 12 MW
- 26** Parque Solar Hinojosa del Valle, Hinojosa del Valle, Badajoz, Spain, 2008, 12 MW
- 27** Parque Fotovoltaico Olmedilla de Alarcon, Olmedilla de Alarcon, Cuenca, Spain, 2008, 11.52 MW
- 28** Parque Solar Fotovoltaico Extremasol, Arroyo de San Serván, Badajoz, Spain, 2008, 11.52 MW
- 29** Parque Solar Elduayen, Badajoz, Valverde de Mérida, Extremadura, Spain, 2008, 11.45 MW
- 30** General Motors, 85,000 Uni-Solar PVL Laminates , Zaragoza, Spain, 2008, 11.8 MW
- 31** Huerta Solar Puebla de Almoradiel, Castilla La Mancha, Spain, 2008, 11,8 MW
- 32** Parque Fotovoltaico Ager, Ager, Catalonia, Spain, 2008, 11.4 MW
- 33** Parque Solar Fotovoltaico La Puente de Piedra, Frechilla de Almazan, Soria, Spain, 2008, 11.2 MW
- 34** Parque Fotovoltaico Magacela, Magacela, Badajoz, Spain, 2008, 10.91 MW
- 35** Huerta Solar Belmez, Belmez, Cordoba, Spain, 2008, 10.856 MW
- 36** Parque Fotovoltaico Villanueva de Serena, Villanueva de Serena, Badajoz, Spain, 2008, 10.82 MW
- 37** Huerta Solar de Corella, Corella, Navarra, Spain, 2008, 10.813 MW



- 38** Huerta Solar Benahadux, Benahadux, Almeria, Spain, 2008, 10.6 MW

Constructed 2009

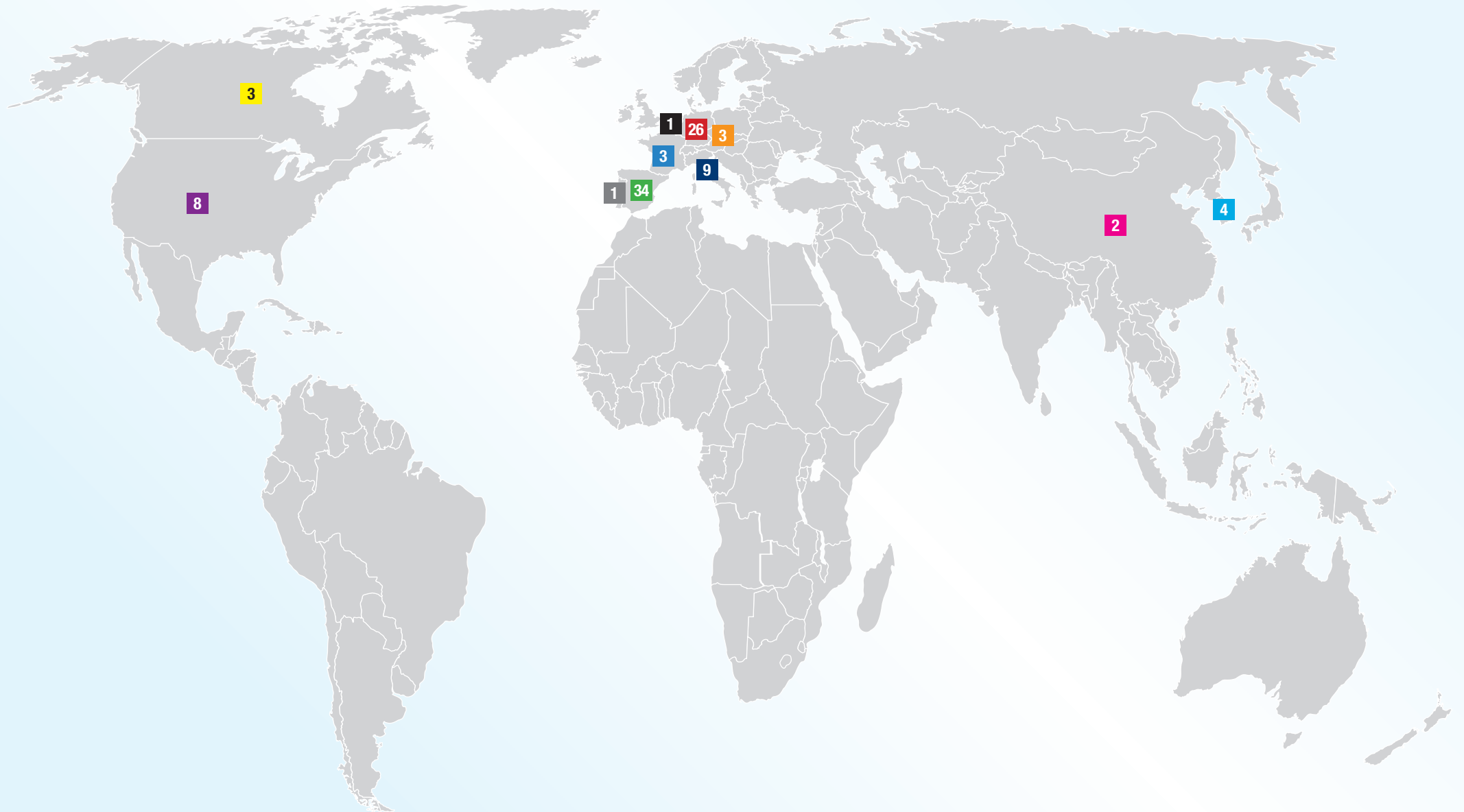
- 39** Parque Fotovoltaico Casatejada, Casatejada, Extremadura, Spain, 2009, 11.4 MW
- 40** Planta Solar Dulcinea, Dulcinea, Cuenca, Spain, 2009, 31.8 MW
- 41** Planta Solar Don Quijote, Don Quijote, Toledo, Spain, 2009, 15.8 MW
- 42** Planta de energía solar Mahora, Mahora, Castilla-La- Mancha, Spain, 2009, 15 MW
- 43** Parque Solar El Albujon, El Albujon, Murcia, Spain, 2009, 13.3 MW
- 44** Parque Solar Fotovoltaico Tordesillas, Tordesillas, Valladolid, Spain, 2009, 11.7 MW

Constructed 2010

- 45** Huerta Solar Valdecaballeros, Valdecaballeros, Badajoz, Spain, 2010, 11.4 MW
- 46** Parque Solar Moratalla, Moratalla, Murcia, Spain, 2010, 11 MW
- 47** Parque Fotovoltaico Rioja, Rioja, Spain, 2010, 10.93 MW

Map of Largest Operating PV Plant Locations Worldwide

Numbers refer to numbers of plants in each country



List of Largest Operating PV Plant Locations Worldwide

Belgium

- Loghiddan City, Kallo, Belgium, 2010, 13 MW

Canada

- St. Isidore A PV power plant, St. Isidore, Ontario, Canada, 2010, 12 MW
- Sarnia PV power plant, Sarnia, Ontario, Canada, 2009-2010, 97 MW
- Arnprior PV power plant, Arnprior, Ontario, Canada, 2009, 23.4 MW

China

- Sheyang PV power plant, Sheyang, Jiangsu, China, 2010, 20 MW
- Jiming Hill, Xuzhou City PV power plant, Xuzhou City, Jiangsu, China, 2010, 20 MW

Czech Republic

- FVE Veprek, Veprek, Czech Republic, 2010, Phonosolar, 35 MW
- FVE Ralsko A, Ralsko, Czech Republic, 2010, CEZ Group, 14.24 MW
- Photovoltaic plant Stribro, Stribro, Czech Republic, S.A.G. Solarstrom, 2009, 13.6 MW

France

- Gabardan PV power plant, Gabardan, France, 2010, 26 MW
- Parc Solaire Les Mees, Les Mees, France, Solairedirect, 2010, 24 MW
- Puylobrier PV power plant, Puylobrier, France, 2010, 12 MW

Germany

- Solarpark Pocking I,II, Pocking, Germany, 2006, 22 MW
- Solarpark Reckahn I,II, Reckahn, Germany, 2010, 36 MW
- Solarpark Ernsthof Ost, Ernsthof West I-IV, Dörlesberg, Germany, 2010, 34.4 MW
- Solarpark Finow, Finow, Germany, 2010, 24.5 MW
- Solarpark Köthen, Köthen, Germany, 2010-2011, to be expanded to 45 MW, 22 MW
- Solarpark Senftenberg, Senftenberg, Germany, Phoenix Solar, AEE AG, 2010, 18 MW
- Solarpark Thüngen, Thüngen, Germany, 2010, 18 MW
- Solarpark Moos, Moos, Bavaria, Germany, 2010, 15.8 MW
- Solarpark Richelbach, Richelbach, Bavaria, Germany, 2010, 14.3 MW
- Solarpark Breitengüßbach, Breitengüßbach, Bavaria, Germany, 2010, 13.8 MW
- Solarpark Rentweinsdorf, Rentweinsdorf, Germany, 2010, 12.6 MW
- Solarpark Berga, Berga, Sachsen-Anhalt, Germany, 2010, 12 MW
- Solarpark Sietzsch I,II, Landsberg, Sachsen-Anhalt, Germany, 2010, 12 MW
- Solarpark Helbra, Helbra, Sachsen-Anhalt, Germany, 2010, 11.7 MW
- Solarpark Eiche, Eiche, Germany, 2011, 25 MW
- Solarpark Helmeringen, Helmeringen, Germany, Gehrlicher Solar, 2008-2010, 25.7 MW
- Solaranlage Flugplatz Köthen, Köthen, Sachsen-Anhalt, Germany, 2008, 14.75 MW
- Solarpark Finsterwalde I,II,III, Finsterwalde, Germany, 2009-2010, 80.7 MW
- Solarpark Straßkirchen, Straßkirchen, Germany, Q-Cells International, 2009, 54 MW
- Solarpark Lieberose, Turnow-Preilack, Germany, 2009, 53 MW
- Solarpark Tutow I,II, Tutow, Mecklenburg-Vorpommern, Germany, 2009-2010, 31 MW
- Solarpark Mengkofen, Mengkofen, Germany, 2009, 21.78 MW
- Solarpark Rothenburg, Rothenburg, Sachsen, Germany, 2009, 20 MW
- Solaranlage Allmannshofen, Allmannshofen, Bavaria, Germany, juwi, 2009, 15 MW
- Solarpark Zeithain, Zeithain, Germany, Q-Cells International, 2009, 12 MW
- Solarpark Gut Erlasee, Erlasee, Arnstein, Germany, 2006, 12 MW
- Solarpark Waldpolenz, Brandis, Germany, 2007-2008, 40 MW
- Solarpark "Rote Jahne", Doberschütz, Sachsen, Germany, 2007-2009, 13.25 MW

Italy

- Loreo PV power plant, Loreo, Veneto, Italy, 2010, 12.6 MW
- Craco PV power plant, Craco, Basilicata, Italy, Q-Cells, 2010, 12 MW
- Castellaneta PV power plant, Castellaneta, Taranto, Italy, 2011, 14 MW
- Montalto di Castro PV power plant, Montalto di Castro, Lazio, Italy, 2009-2010, 84.2 MW
- Rovigo PV power plant, Rovigo, Italy, 2010, 70 MW
- Cellino San Marco PV power plant, Cellino San Marco, Italy, 2010, 43 MW
- Sant'Alberto PV power plant, Sant'Alberto, Italy, 2010, 34.63 MW
- Anguillara PV power plant, Anguillara, Lazio, Italy, 2010, 15 MW
- Priolo PV power plant, Priolo, Sicilia, Italy, 2010, 13.5 MW

Portugal

- Moura photovoltaic power plant, Moura, Alentejo, Portugal, 2008, 46 MW

South Korea

- Gochang power plant, Gochang, Jeollabukdo, Korea, SolarWorld, 2008, 15 MW
- Taeon PV plant, Taeon, Chungcheongnam-do, Korea, 2008, 13.772 MW
- Sinan power plant, Sinan, Korea, Conergy, 2008, 24 MW
- Solarpark Rothenburg, Seoul, Korea, Gehrlicher Solar, 2009, 20 MW

Spain

- Solarpark Lobosillo, Murcia, Lobosillo, Murcia, Spain, Ecostream, 2007, 12.7 MW
- Planta Solar de Salamanca, Salamanca, Spain, 2007, 13.8 MW
- Solarpark Beneixama, Beneixama, Alicante, Spain, 2007, 20 MW
- Parque Solar Fotovoltaico Villafranca, Villafranca, Navarra, Spain, 2006-2008, 12 MW
- Planta Solar Dulcinea, Dulcinea, Cuenca, Spain, 2009, 31.8 MW
- Parque Solar El Albujon, El Albujon, Murcia, Spain, 2009, 13.3 MW
- Parque Solar Fotovoltaico Tordesillas, Tordesillas, Valladolid, Spain, 2009, 11.7 MW
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- Planta solar fotovoltaico Calasparra, Calasparra, Murcia, Spain, 2008, 20 MW
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- Huerta Solar Las Gabias, Las Gabias, Granada, Spain, 2008, 18 MW
- Planta Solar Lorca, Lorca, Murcia, Spain, 2008, 14.92 MW
- Parque Solar Guadarranque, San Roque, Andalucía, Spain, 2008, 13.6 MW
- Huerta Solar El Realengo, Crevillent, Alicante, Spain, 2008, 13.235 MW
- Parque Solar Hinojosa del Valle, Hinojosa del Valle, Badajoz, Spain, 2008, 12 MW
- Parque Fotovoltaico Casas, Casas de Los Pinos, Castilla-La Mancha, Spain, 2008, 12 MW
- General Motors, 85,000 Uni-Solar PVL Laminates, Zaragoza, Spain, 2008, 11.8 MW
- Huerta Solar Puebla de Almoradiel, Puebla de Almoradiel, Castilla La Mancha, Spain, 2008, 11.8 MW
- Parque Fotovoltaico Olmedilla de Alarcon, Olmedilla de Alarcon, Cuenca, Spain, 2008, 11.52 MW
- Parque Solar Fotovoltaico Extremasol, Arroyo de San Serván, Badajoz, Spain, 2008, 11.52 MW
- Parque Solar Elduayen, Badajoz, Valverde de Mérida, Extremadura, Spain, 2008, 11.45 MW
- Parque Fotovoltaico Olmedilla de Alarcón, Castilla-La Mancha, Spain, 2008, 60 MW
- Parque Fotovoltaico Puertollano, Castilla-La Mancha, Spain, 2008, 50 MW
- Planta Solar La Magascona & La Magasquila, Trujillo, Cáceres, Spain, 2008, 34.5 MW
- Planta Solar Arnedo, Arnedo, La Rioja, Spain, T-Solar, 2008, 34 MW
- Parque Solar "SPEX" Merida/Don Alvaro, Merida, Extremadura, Spain, 2008, 30 MW
- Planta solar Fuente Álamo, Fuente Álamo, Murcia, Spain, 2008, 26 MW
- Planta fotovoltaica de Lucainena de las Torres, Almeria, Spain, 2008, 23.2 MW
- Parque Fotovoltaico Abertura Solar, Abertura, Caceres, Spain, 2008, 23.1 MW
- Parque Solar Hoya de Los Vincentes, Jumilla, Spain, 2008, 23 MW
- Huerta Solar Almaraz, Almaraz, Caceres, Spain, 2008, 22.068 MW
- Parque Solar Parque solar El Coronil I + II, El Coronil, Andalucía, Spain, 2008, 21.47 MW
- Huerta Solar Valdecaballeros, Valdecaballeros, Badajoz, Spain, 2010, 11.4 MW
- Solarpark Calavéron, Calavéron, Spain, EPURON, 2008, 21.2 MW

USA

- Blue Wing solar electric power plant, San Antonio, TX, USA, 2009, 16 MW
- Solar electric power plant, Blythe, Blythe, CA, USA, 2009, 21 MW
- DeSoto Next Generation Solar Energy Center, Arcadia, FL, USA, 2009, 25 MW
- Copper Mountain Solar Facility, Boulder City, NV, USA, 2010, 48 MW
- Cimarron Solar Facility, Cimarron, NM, USA, 2010, 30 MW
- Davidson County Solar Farm, Davidson County, NC, USA, 2010, 17.2 MW
- Jacksonville Solar Energy Generation Facility, Jacksonville, FL, USA, 2010, 15.01 MW
- Nellis Air Force Base, Nellis, NV, USA, SunPower Corp, 2007, 14.2 MW