

Reference List: Industrial Rooftop

JANUARY, 2014

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IKEA stores | China

Installed power: 2.2 MW (in 5 different plants)

Commissioned: 2013

EPC: HANERGY

Modules: SOLIBRO

IKEA stores are located in

- Beijing
- Nanjing
- Shenzhen
- Dalian
- Tianjin



Renault Plants Parkings | North of Paris – France



Installed power: 55 MW

Commissioned: Jan – Feb 2012

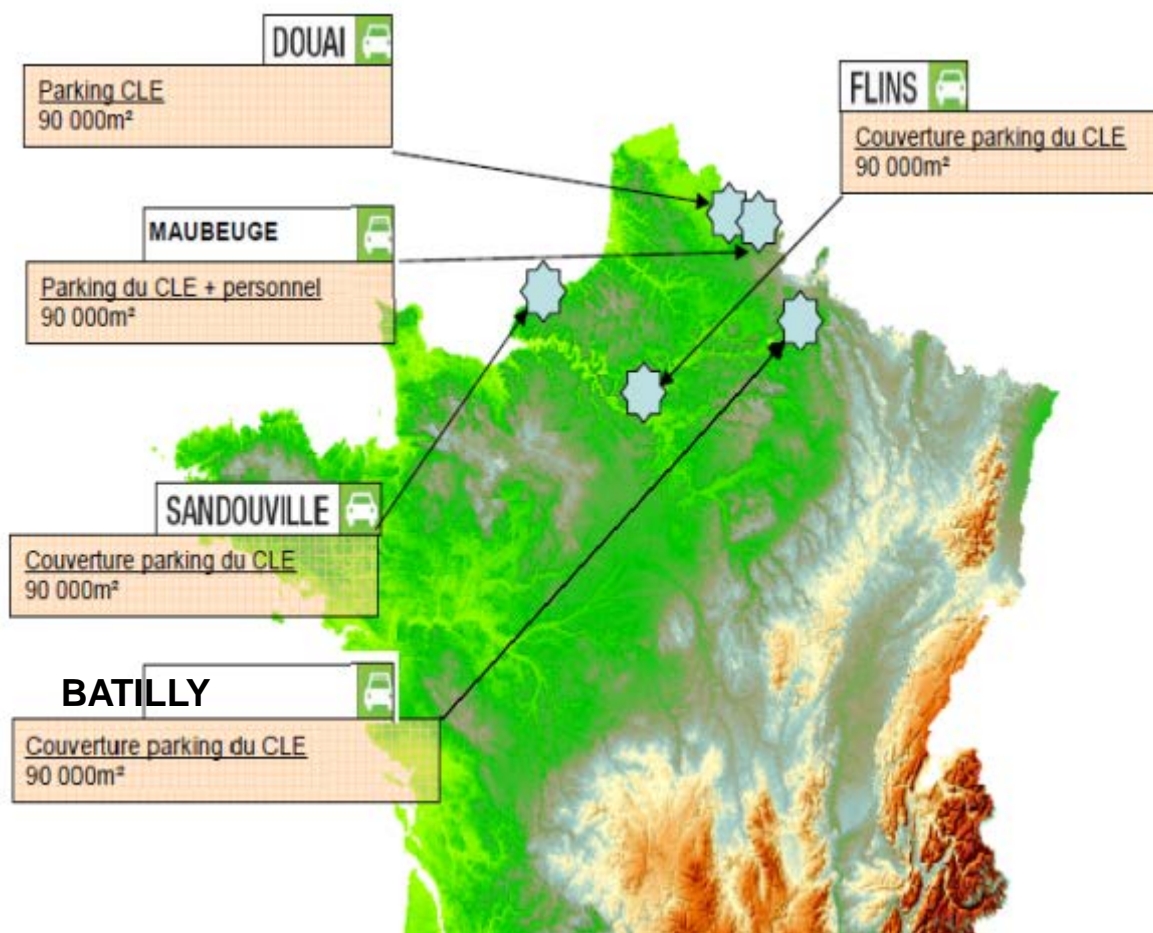
- The greatest photovoltaic project ever for the automotive industry.
- N.5 photovoltaic plants covering the shelters of the Renault's parkings in 5 different factories placed north Paris



Renault Plants Parkings | North of Paris – France



Locations of the 5 plants involved in the Renault project



Renault Plants Parkings | North of Paris – France



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North America – PV references

PV references in USA and Canada: <http://goo.gl/gsTZo>



Walmart Store | Scarborough – Ontario



Installed power: 150 kWac
Commissioned: Jan 2012
Customer: Vanguard
Inverters: 2 x Santerno TG 100 NA

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Deer Park Childcare | Stouffville – Ontario



Installed power: 85 kWac
Commissioned: Mar 2012
Customer: Vanguard
Inverters: 1 x Santerno TG 100 NA



Freight village (Interporto) | Parma – Italy



Installed power: 1495,56 kWp + 51,52 kWp

Commissioned: 2011

EPC: Gesta di Cavriago (RE)

Customer: Cepim S.p.A.

Modules: Sharp NAF121G5 +
Yingly L230P-29B

Inverters: 6 Sunway™ TG 82 800V
13 Sunway™ TG 120 800V
1 Sunway™ TG 61 600V

Key Notes:

The installation will produce power for 1.15 million kw / h, the consumption equivalent to 400 residential dwellings. The plant occupies 2 warehouses with about 50,000 panels of 16,000 square meters. It provides a second installation in the spring of 23,300 square meters on three stores.



Freight village Building (Interporto) | Parma – Italy



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Bovolone, Verona – Italy



Installed power: 541,44 kWp
Commissioned: 2011
EPC: Renience Srl
Customer: Immobiliog Srl
Modules: LDK
Inverters: Sunway™ Station 520



Company manufacturing of agricultural equipment | Padova – Italy



Installed power: 1,3 MW
Commissioned: 2011
EPC: Gruppo ESPE
Customer: Maschio Gaspardo SpA
Covered Area: 4.500 mq
Modules: 5.720 X-Group



[Video You Tube](#)

Inverters:

1 SunwayTM TG 610 800V TE
 1 SunwayTM TG 240 800V TE
 2 SunwayTM TG 175 800V TE

Key Notes:

The Maschio Gaspardo Group is leader in the production of rotary tillers, power harrows, mulchers, cultivators, seed drills, row-crop cultivators, finger-blade mowers and finishing mowers



Linden, New Jersey – USA



Installed power: 200 kWp
Commissioned: 2011
Customer: ARE Sun Solar
Modules: Sunpower
Inverters: Santerno TG 100 NA



[Video You Tube](#)

Key Notes:

- Plant installed on Kan Man Food warehouse
- American Renewable Energy (ARE) designs and installs cutting edge, highly efficient photovoltaic (PV) systems with components from leading global manufacturers for residential, commercial, and nonprofit customers.



Dockyard | Ancona – Italy



Installed power: 3,2 MW
Commissioned: 2011
EPC: Energy
Covered Area: 19.000 mq
Modules: 15.248 Sunpower
Inverter: 4 Sunway™ TG 730 800V

Key Notes:

- more than 850 tons of asbestos disposed
- 11 establishments covered
- 2,229 tons of CO2 saved



Kitchen furniture Factory | Pesaro, Urbino – Italy



Installed power: 3 MW

Commissioned: 2011

EPC: Energy Resources

Covered Area: 45.000 mq

Modules: 24.480 Pramac, Solibro and QCells

Inverter: 1 Sunway™ TG 610 800V TE
1 Sunway™ TG 750 900V TE

Key Notes:

This is the most complex project that involved the seat of Scavolini. The building has been undergoing renovation by replacing asbestos panels with high-insulation roofing.

A 3,000 kWp photovoltaic system has been installed, covering a surface of 45,000 square meters, featuring 27,480 photovoltaic modules and 45 inverters.



Sihong, Jiangsu – China



Installed power: 1,9 MW
Commissioned: 2011
EPC: Tianwei PV Power Solutions
Customer: Everbright
Inverters: 3 Sunway™ TG 750 CN 900V



Farmhouse | Masi, Padova – Italy



Installed power: 200 kWp
Commissioned: 2010
EPC: Elektra Group
Customer: Tabarelli
Modules: Mitsubishi
Inverter: 2 Sunway™ TG 110 600V



Injection moulding Industry | Grumello del Monte, Bergamo – Italy



Installed power: 171 kWp
Commissioned: 2010
EPC: Solarfast
Costumer: Fratus srl
Modules: Rec Solar
Inverters: 2 Sunway™ 42 600V
2 Sunway™ 57 800V



Lacken EE – Germany



Installed power: 184,92 kWp
Commissioned : 2010
Customer: KBH
Modules: 804 Canadian Solar CS6P 230 Wp



Equipment Sports Shop | Limena, Padova – Italy



Installed power: 82,4 kWp
Commissioned : 2010
EPC: Elektra Group
Customer: Nuova Radar Coop.
Modules: VPM Solar
Inverter: 2 Sunway™ TG 90 600V



Sihong, Jiangsu – China



Installed power: 350 kWp

Commissioned: 2010

Customer: GS Solar Baolv

Inverters:

- 1 Sunway™ TG 42 600V
- 1 Sunway™ TG 26 600V
- 2 Sunway™ TG 135 600V



Company manufacturing mechanical framing | Salerno – Italy



Installed power: 60 kWp
Commissioned : 2010
Customer: La Tecnomeccanica Snc
Modules: 260-Yingli “YL 230”
Inverter: 4 Sunway™ TG 26 800V



Rehabilitation Center | Castel Campagnano, Caserta – Italy



Installed power: 432,40 kWp
Commissioned: 2010
Modules: ISTAR Solar IS400P-230W
Inverters: 4 Sunway™ TG 120 800V
1 Sunway™ TG 26 600V

Key Notes:

- feed-in of the MV grid to 20kV



Parking | Sardegna – Italy



Installed power: 1,35 MW
Commissioned: 2010
Modules: Sunpower
Inverters: 1 Sunway™ Station



Real State | Saccolongo, Padova – Italy



Installed power: 155 kWp
Commissioned: 2010
EPC: Elektra Group
Customer: Immobiliare Luna
Modules: VPM Solar
Inverters: 2 Sunway™ TG 90 600V



GS Baolv – China



Installed power:

1 MW and 9 MW (2 plants)

Commissioned: 2010



Zhengzhou | Beijing – China



Installed power: 100 kWp
Commissioned: 2009
Customer: Zhongjinyang Electric Co. Ltd
Inverters: 1 Sunway™ 145 800V



Company manufacturing industrial conveyor chains | Varese – Italy



Power: 673 kWp
Commissioned : 2009
Customer: Energye
Modules: First Solar

Inverters:

- 1 Sunway™ TG 210 800V
- 1 Sunway™ TG 175 800V
- 1 Sunway™ TG 145 800V
- 1 Sunway™ TG 120 800V
- 1 Sunway™ TG 25 800V
- 1 Sunway™ TG 18 800V
- 1 Sunway™ TG 8 800V



Zhengzhou | Beijing – China



Installed power:	4,7 MW
Commissioned:	2009
EPC:	ErgyCapital
Customer:	KME Group
Inverters:	3 Sunway™ TG 730 800V 1 Sunway™ TG 485 800V 5 Sunway™ TG 385 800V 1 Sunway™ TG 310 800V 1 Sunway™ TG 210 800V 1 Sunway™ TG 240 800V 2 Sunway™ TG 63 800V 1 Sunway™ TG 71 800V

Key Notes:

Roof-Top Mounted 2nd World Record



Company designing, producing and installing systems and devices for moving | Salerno – Italy



Power: 997,04 kWp

Commissioned : 2009

Customer: RRS Srl – Magaldi Group

Modules: 4335 – Yingli “YL 230”

Inverter: 4 Sunway™ TG 310 800V

Key notes:

RRS Company is a member of Magaldi Group, which operate all over the world: it design, produce and install systems and devices for moving and processing high temperature materials. Recently, RRS Company has decided to install and test Photovoltaic technology by their own, with a 2MWp totally integrated roof-top system.

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Company manufacturing of industrial systems | Salerno – Italy



Power: 997,04 kWp
Commissioned : 2009
Customer: Magaldi Power S.p.A
Modules: 4335-Yingli “YL 230
Inverter: 4 Sunway™ TG 310 800V

Key notes:

The Magaldi Group, is the world's leading specialist in dependable and environmental-friendly hot bulk materials handling, pioneering solutions for demanding problems in Power plants, Cement industries, Metallurgical & Mining companies.



Aalst – Belgium



Power: 115 kWp
Commissioned : 2009
EPC: Artinis Eco Systems BVBA
Customer: Caudron



Glass Factory | Catalonia – Spain



Power: 500 kWp
Commissioned : 2008
EPC: Ecostream
Customer: Viola
Inverters: 5 Sunway™ 135ES 600V



Oil manufacturing plant | Montoro – Spain



Power: 83 kWp
Commissioned : 2008
EPC: Ecostream
Customer: Aceites Rosan S.L



Olive oil manufacturing plant | Córdoba – Spain



Power: 100 kWp
Commissioned : 2008
EPC: Ecostream
Customer: Industrias de la Rosa

Key notes:
Industrias de la Rosa is a company dedicated to the high quality manufacture of olive oil extraction machinery and Biomass solid fuel heating and hot water systems.



Mas Clara | Catalonia, Spain



Power: 50 kWp
Commissioned : 2008
EPC: Ecostream



Vegetable oils manufacturing plant | Monopoli – Italy



Power: 1 MW
Commissioned : 2007
Customer: Marseglia Group
Inverters: 4 Sunwat™ TG 290 600V

Key notes:
Marseglia Group was the first in Italy, (see GSE certification), to start – in 2007 – a 1 MW photovoltaic plant on an industrial shed with the first energy account. Other photovoltaic plants are currently being built, for a total of 31 MW.



Fruit-farmer cooperative | Laces, Bolzano – Italy



Power:	838,05 kWp
Commissioned :	2007
Customer:	Cooperativa Frutticoltori Ortler
Modules:	Sanyo Hip 210 Wp
Inverters:	10 Sunway™ TG 110 600V



Powder coatings manufacturing | Benicarlò, Castellòn – Spain



Power: 200 kWp
Commissioned : 2007
Customer: Adapta Color
Modules: General Electric GEPV 173
Inverters: 4 Sunway™ TG 53 600V



Cold Forging Manufacturing | Monfalcone, Gorizia – Italy



Power: 460 kWp
Commissioned : 2007
Customer: SBE S.p.A.
Inverters: 2 Sunway™ TG 310 800V



Semiconductor manufacturing Company | Catania – Italy



Power: 18,9 kWp
Commissioned : 2006
Customer: ST Microelectronics



Hotel Parking | Cefalù, Palermo – Italy



Power: 41 kWp
Commissioned : 2005
EPC: Enel.Si
Customer: ST Microelectronics



Science Park | Taiwan



Power: 10 kWp
Commissioned : 2004
EPC: Sinonar
Inverters: 1 Sunway™ TG 10 600V
Key Notes: Our first Sunway™ TG



Oil Mill Industry | Montesarchio, Benevento – Italy



Power: 21 kWp

Commissioned : 2003

EPC: A.N.I.T.



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