

# 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

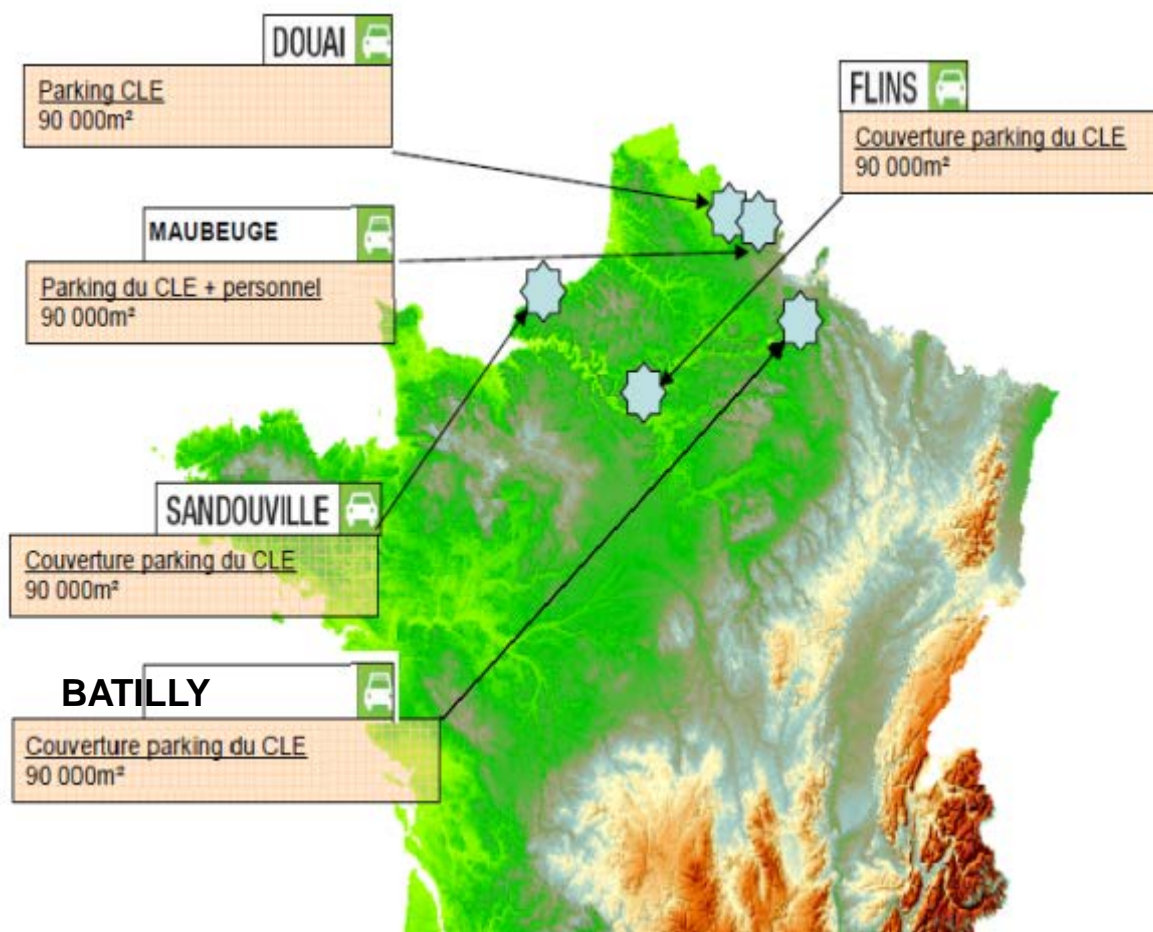
- The greatest photovoltaic project ever for the automotive industry.
- N.5 photovoltaic plants covering the shelters of the Renault's parkings in 5 different factories placed north Paris



# 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

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## 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 2<sup>nd</sup> 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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