

Herrera

Antenquera

<u>Uasautinija</u>

Málaga

Puente Genil

Alcalá de Guadaira

Jerez de la Frontera

Guadix

Algeciras

Sevilla

Andujar

DEVELOPED AND IMPLEMENTED PROJECTS

Almería

Peligros

Paraje de Cabrera

Alcalá de Guadaira

Guillana

Puerta Real

Alcalá del Río

Alcalá de los Gazules

Vaguadas

Villamort/n

1. CORTIJO "EL CURA". Antequera (Málaga) - ANDALUCÍA YEAR 2008

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 20,000m²

NUMBER OF MODULES

27,000 modules

TYPE OF MODULES

First Solar F INVERTERS

SCM 7000HV (282 units.)

POWER GENERATED

2 Mwp

FINANCIAL DATA

FORECAST ANNUAL YIELD

3.092.250 kWh

EOUIVALENT TO THE CONSUMPTION OF

880 homes per year

EMISSIONS SAVINGS

2,200 tonnes of CO_2 per year

FUNDING

Bank loan / Own capital

PHOTOVOLTAIC

3. LOS PALACIOS. Los Palacios, Encinilla (Sevilla) - ANDALUCÍA YEAR 2008

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 23,000m²

NUMBER OF MODULES

31,680 modules

TYPE OF MODULES

First Solar F S 72

INVERTERS

SIEMENS IP (396 units)

POWER GENERATED

2 Mwp

FINANCIAL DATA

FORECAST ANNUAL YIELD

3,300,000 kWh

EQUIVALENT TO THE CONSUMPTION OF

1,200 viviendas

EMISSIONS SAVINGS

3,933 tonnes of CO_2 per year

FUNDING

Bank loan / Own capital

2. BERMEJÓN I. Casabermeja (Málaga) - ANDALUCÍA YEAR 2008

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 17,000m²

NUMBER OF MODULES

9,180 modules

TYPE OF MODULES

SOLON 220 Wp

INVERTERS

Kako 33.000Xi (54 units)

SYSTEMS

POWER GENERATED

2 Mwp

FINANCIAL DATA

FORECAST ANNUAL YIELD

3.500.000 kWh

EQUIVALENT TO THE CONSUMPTION OF

1,000 homes per year

EMISSIONS SAVINGS

2,500 tonnes of CO₂ per year

FUNDING

Bank loan / Own capital

4. CORDOBILLA. Puente Genil (Córdoba) - ANDALUCÍA YEAR 2011

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 30,000m²

NUMBER OF MODULES

18,800 modules

TYPE OF MODULES SOLON 220 Wp

INVERTERS

Kako 33.000Xi (108 units)

POWER GENERATED

3.6 Mwp

FINANCIAL DATA

FORECAST ANNUAL YIELD

3,300,000 kWh

EQUIVALENT TO THE CONSUMPTION OF

950 homes per year

EMISSIONS SAVINGS

2,300 tonnes of CO_2 per year

FUNDING

Bank loan / Own capital

5. CASABERMEJA. Casabermeja (Málaga) - ANDALUCÍA YEAR 2011

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 60,000m²

NUMBER OF MODULES

9.684 modules

TYPE OF MODULES

SOLON 220 Wp

INVERTERS

AURORA (144 und.)
POWER GENERATED

2.09 MWp

FINANCIAL DATA

FORECAST ANNUAL YIELD

3,250,000 kWh

EQUIVALENT TO THE CONSUMPTION OF

1,254 homes per year

EMISSIONS SAVINGS

4,110 tonnes of CO2 per year

FUNDING

Bank loan / Own capital

PHOTOVOLTAIC

7. PARAJE DE CABRERA II. Casabermeja (Málaga) YEAR 2011 ANDALUCÍA

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 6,000m²

NUMBER OF MODULES

13,020 modules

TYPE OF MODULES

Amerisolar AS-6P30 (285 y 280 Wp)

INVERTERS

Huawei SUN2000-100KTJ de 100 KW (31 und.)

POWER GENERATED

3,68 MWp

FINANCIAL DATA

FORECAST ANNUAL YIELD

1,220,000kWh

EQUIVALENT TO THE CONSUMPTION OF

2,208 homes per year

EMISSIONS SAVINGS

7,237 tonnes of CO_2 per year

FUNDING

Bank loan / Own capital

6. PARAJE DE CABRERA I. Casabermeja (Málaga) - ANDALUCÍA PROJECTS WITH ENERGY STORAGE (BATTERIES) **YEAR 2011**

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 6,000m²

NUMBER OF MODULES

13,020 modules

TYPE OF MODULES

Amerisolar AS-6P30 (285 y 280 Wp)

INVERTERS

Huawei SUN2000-100KTJ de 100 KW (31 und.)

SYSTEMS

POWER GENERATED

2 MWp

FINANCIAL DATA

FORECAST ANNUAL YIELD

1,220,000kWh

EQUIVALENT TO THE CONSUMPTION OF

1,200 homes per year

EMISSIONS SAVINGS

3, 933 tonnes of CO2 per year

FUNDING

Bank loan / Own capital

8. GUADIX Guadix (Granada) - ANDALUCÍA PROJECTS WITH ENERGY STORAGE (BATTERIES)

YEAR 2020

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 47,232 m²

NUMBER OF MODULES

28,800 modules

TYPE OF MODULES

Suntech 335 Wp

INVERTERS SYSTEM FusionSolar Fixed

POWER GENERATED

7.20 Mwp

ADMINISTRATIVE DATA

Lease agreement: Pending

Guarantee deposited (Junta de Andalucía): Si Access point and connection (Endesa): Obtained Unified Environmental Authorisation: Obtained **FINANCIAL DATA**

FORECAST ANNUAL YIELD

11,880,000 kWh

ANNUAL DEGRADATION

0.4%

ENERGY POOL SALE PRICE

€45/Mwh

EMISSIONS SAVINGS

14,160 tonnes of CO₂ per year

EOUIVALENT TO THE CONSUMPTION OF

4,320 homes per year

FUNDING

Bank loan / Own capital

Tobias Greiling (Financial director)

Administrative Authorisation: Obtained Public utility statement: Obtained

Construction permit (Local Authority): Obtained

9. PUERTO REAL II. Puerto Real (Cádiz) -ANDALUCÍA YEAR2022

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 307,632 m²

NUMBER OF MODULES

158.816 modules

TYPE OF MODULES

Canadian Solar C6SP

INVERTERS SYSTEM
Power One (5.500 unid) axis tracker

POWER GENERATED

49.99Mwp

ADMINISTRATIVE DATA

Lease agreement: Yes Guarantee deposited: Yes

Access point and connection: Yes

Environmental impact statement (BOE): Not required Unified Environmental Authorisation: NOV 2019

DATOS ECONÓMICOS

FORECAST ANNUAL YIELD

95,000,000 kWh

ANNUAL DEGRADATION

0.4%

ENERGY POOL SALE PRICE

€45/Mwh

EMISSIONS SAVINGS

96,367 tonnes of CO₂ per year

EQUIVALENT TO THE CONSUMPTION OF

29,400 homes per year

FUNDING

Bank loan / Own capital

Tobias Greiling (Financial director)

Administrative Authorisation: FEB 2019
Public utility statement: Requested

Included in energy planning: Not required

Construction permit : MAY 2020

REE technical access agreement: JUN 2020

11. ARCHIDONA I Archidona (Granada) - ANDALUCÍA YEAR 2022

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 49,528m2

NUMBER OF MODULES

30,200 modules

TYPE OF MODULES

Testing 30 Hill

INVERTERS

Huawei SUN2000-100KTJ (31 unid)

POWER GENERATED SYSTEM

8.30 Mwp axis tracker

ADMINISTRATIVE DATA

Lease agreement: Yes

Guarantee deposited (Junta de Andalucía): Yes Access point and connection (Endesa): Obtained Unified Environmental Authorisation: Obtained

FINANCIAL DATA

FORECAST ANNUAL YIELD

14,722,500 kWh

ANNUAL DEGRADATION

0.4%

ENERGY POOL SALE PRICE

€50/Mwh

EMISSIONS SAVINGS

16,323 tonnes of CO₂ per year

EOUIVALENT TO THE CONSUMPTION OF

4,980 homes per year

FUNDING

Bank loan / Own capital

Tobias Greiling (Financial directoro)

Administrative Authorisation: Obtained

Public utility statement: Pending

Construction permit (Local Authority): Requested

10. VILLAMARTÍN Villamartín (Cádiz) - ANDALUCÍA YEAR 2022

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 69,120m²

NUMBER OF MODULES

43,000 modules

TYPE OF MODULES

Canadian Solar C6SP

INVERTERS

ABB TRIO 20,0 TL OUTD Fixed

POWER GENERATED

10.80Mwp

ADMINISTRATIVE DATA

Lease agreement: Yes

Guarantee deposited (Junta de Andalucía): Yes Access point and connection (Endesa): Yes Unified Environmental Authorisation: Obtained

FINANCIAL DATA

FORECAST ANNUAL YIELD

117,820,000 kWh

ANNUAL DEGRADATION

0.4%

ENERGY POOL SALE PRICE

€45/Mwh

EMISSIONS SAVINGS

21,240 tonnes of CO2 per year

EOUIVALENT TO THE CONSUMPTION OF

6,480 homes per year

FUNDING

Bank loan / Own capital

Tobias Greiling (Financial director)

Administrative Authorisation: Obtained

Public utility statement: Not required

Construction permit (Local Authority): Requested

PHOTOVOLTAIC SYSTEMS

SYSTEM

12. ARCHIDONA II Archidona (Granada) - ANDALUCÍA YEAR 2022

TECHNICAL DATA

SURFACE AREA OF MODULES

Approx. 49,528m²

NUMBER OF MODULES

30,200 modules

TYPE OF MODULES
Testing 30 Hill

INVERTERS

Huawei SUN2000-100KTJ (31 unid)

POWER GENERATED

SYSTEM axis track

8.30 Mwp axis tracker

ADMINISTRATIVE DATA

Lease agreement: Yes

Guarantee deposited (Junta de Andalucía): Yes Access point and connection (Endesa): Obtained Unified Environmental Authorisation: Obtained

FINANCIAL DATA

FORECAST ANNUAL YIELD

14,722,500 kWh

ANNUAL DEGRADATION 0.4%

ENERGY POOL SALE PRICE €50/Mwh

EMISSIONS SAVINGS

16,623 tonnes of CO₂ per year

EQUIVALENT TO THE CONSUMPTION OF

FUNDING

Bank loan / Own capital

4,980 homes per year

Tobias Greiling (Financial director)

Administrative Authorisation: Obtained Public utility statement: Pending

Construction permit (Local Authority): Requested