



# portfolio

Renewables  
Power Plants and Decentralised Generation  
EPC - Engineering, Procurement, and Construction

[www.selfenergy.co.uk](http://www.selfenergy.co.uk)



power plants



Location: Marl, Portugal (Engineering & Procurement)  
Installed capacity: 6 MW

location: Grand Canaria, Spain  
Installed capacity: 7 MW



location: MiralCampo, Spain  
Installed capacity: 2 MW



An aerial, high-angle photograph of a vast solar farm. The solar panels are arranged in a precise grid pattern, stretching towards the horizon. The sun is low in the sky, creating a warm, golden glow and casting long, soft shadows across the panels. The sky is filled with wispy clouds, and the overall atmosphere is serene and bright. The solar panels have a blue-tinted surface with a grid of silver lines and small, reflective cells.

location: Poland (project)  
Installed capacity: 10 MW



**location: Murcia, Spain**  
Installed capacity: 3 MW



**location: Redur, Spain (project)**  
Installed capacity: 2 MW

# technology & innovation

location: Portugal, CSP, Solar Stirling Dish  
Installed capacity: 1 MW



Tripower off-grid, trackers  
32 kW



Luxury residential  
Parking lot and golf  
28 kW



**Tourist Resort**  
Photovoltaic and solar thermal  
32 kW



**Municipal schools and market**  
Micro-generation  
46 kW





**Hotel senior tourism**  
Photovoltaic and water heating  
24 kW



**Municipal Social Houses**  
Feed-in Tariff Generation  
14 kW

# decentralised generation

Mozambique, PV in 50 schools and 50 healthcare centres. Between 5 and 10 mini power grids using renewable sources to provide rural electrification



SEMPRE  
always  
power on  
COM ENERGIA





# what if... you change?

E SE... MUDAR ?

Rooftop office building, thin film

12 kW

Water Company - treatment units  
PV Generation  
195 kW



## EXAMPLES OF SELF ENERGY INNOVATION



New-build apartment building with centralised solar thermal solutions

**LISBON, CONSTRUTOR INOCÊNCIO**

Innovation from the first step of construction

Change has to become business-as-usual for newly constructed buildings



Luxury residential & tourist accommodation incorporating energy efficiency and renewable energy

**LISBON, BELAS CLUBE DE CAMPO**

By investing in quality through our sustainable solutions we create more value for the country, both in the tourism and residential context



Municipal Swimming Pool with local energy production

**SANTA MARIA DA FEIRA, TOWN HALL**

Cost reduction for municipal buildings

Municipalities should set the example



Economical housing neighbourhoods with microgeneration

**MIRA SINTRA, JUNTA DE FREGUESIA**

Solar energy for everyone



Educational center with renewable energies  
**TORRES VEDRAS, TOWN HALL**

One of the major challenges of renewable energies is education in schools  
Growing up surrounded by solar panels could set an example, as did the Recycling Campaign



Tourist resort with energy efficiency  
**ALGARVE, PESTANA GROUP**

Eco-tourism  
Strategic Sector for the country



Social tourism centers with microgeneration systems  
**FOZ DO ARELHO, INATEL**

Support for the senior population



Solar photovoltaic plants on city rooftops  
**LISBOA, MARL (LISBON LOGISTICS CENTER)**

With larger scale projects decentralized production makes sense, on city rooftops next to the consumption source, making the system as a whole more efficient and with less costs and failures



Microgeneration EPC with Reciclamas

**ÁGUAS DE PORTUGAL (PORTUGUESE WATER UTILITY), LISBON**

Public institutions should also set the example in sustainability and cost reduction



Cogeneration ESCO with pilot telemetering project (EU project)

**SCHOOL, SANTA MARIA DE LAMAS**

Energy services in private education: an opportunity to set an example in the private sector of education.



Flux regulator projects for public illumination

**TOWN HALLS**

An important alternative to reduce electricity costs enacted by public institutions



Solar Thermal EPC in the hospitality industry

**HOTEL SANTA MARTA, LISBON**

Urban rehabilitation is possible even in city centers, which can take advantage of new energies as a vector for modernization



Music festivals with micro-wind technologies  
**ROCK IN RIO, DELTA TEJO, ZAMBUJEIRA, SINES (2008,2009)**  
 Innovation and disclosure to the youth



Energetically certified airport buildings  
**ANA AEROPORTS (PORTUGUESE AIRPORT AUTHORITY), LISBON**  
 Leader in the adoption of international standards



Energetically certified shopping malls  
**DOURO, OVAR, MONUMENTAL, PICOS PLAZA, MIRAFLORES, CENTRAL PARK, FUNCHAL**  
 Distribution sector with available room for decentralized production and energy efficiency which is close to the cities and with a significant public impact.

In every scenario SELF ENERGY provides its clients with 3 guarantees in regards to the building or areas in which they are involved: