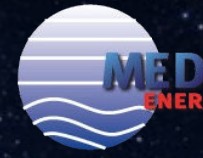




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RCREEE

Regional Center for Renewable Energy and Energy Efficiency
المركز الإقليمي للطاقة المتجددة وكفاءة الطاقة

meetMED

Mitigation Enabling Energy Transition in the MEDiterranean region

FACTOR ENERGIA GROUP

factorenergia

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1. Introduction

About Us – Factorenergia Group

More than 20 years ago, we changed the energy industry becoming the **first Spanish independent company** and since then, we have thrived.

Today, **we are a leading independent energy supplier** focused on four business segments: power, gas, power management and energy transition.

Our mission since our origins, is to keep a strong commitment to contribute to the **energy transition**, playing a key role in building the society and **meeting consumer needs**.

We are committed to implement an **energetic model which is digital, inclusive, sustainable and decentralized**.



Digital



Inclusive



Sustainable



Decentralised

1. Introduction

How we do it – Today's data to drive tomorrow's energy



Committed to the environment



Innovative and disruptive



Strong technological capacity



High technical knowledge



Solid financial position



Committed institutional shareholders

+150,000
customers

+200
employees

14M €
net profit
Sustainable growth

3
countries

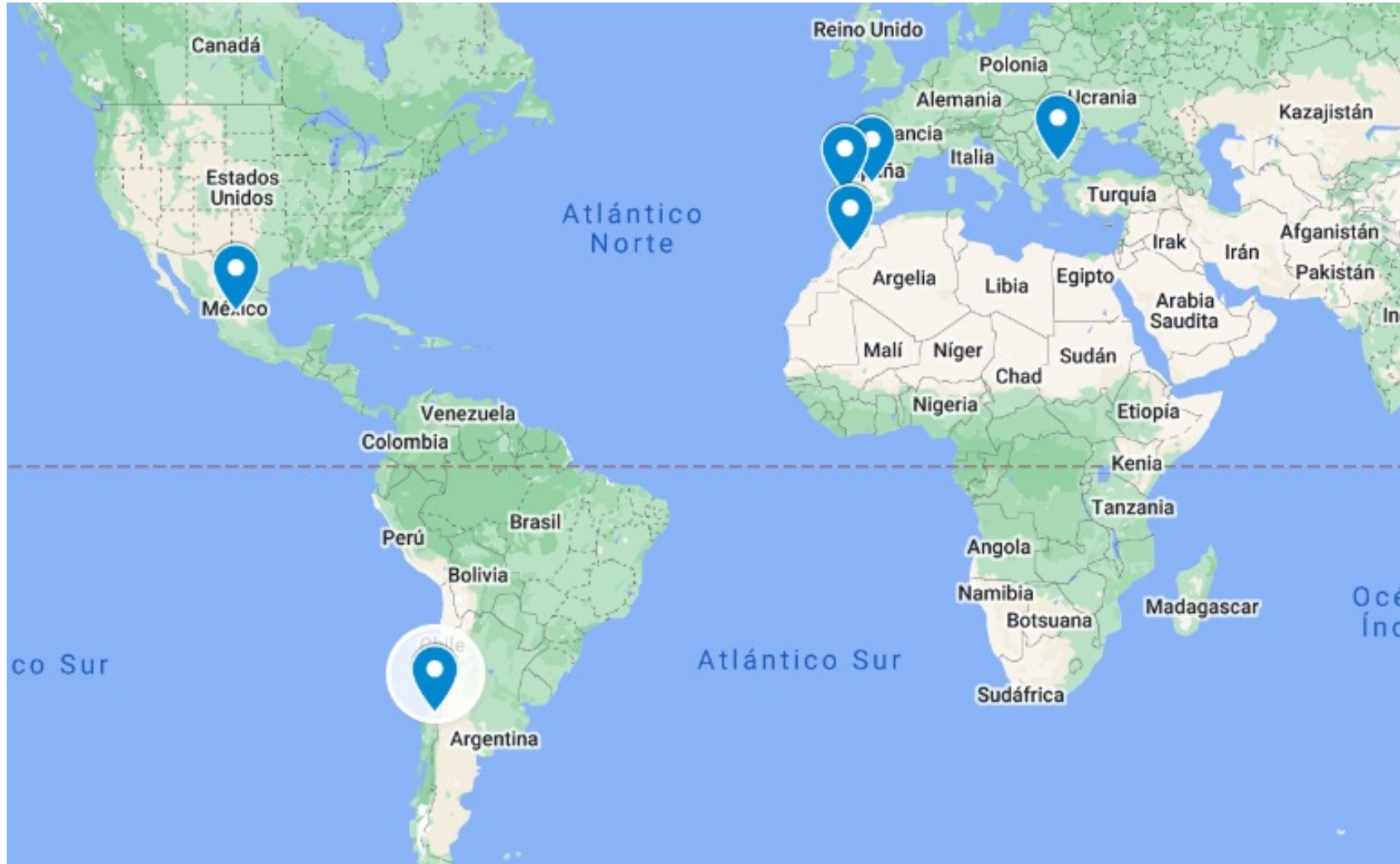
+20
years
experience

+3 TWh
supplied

**Own
Commercial
Network**

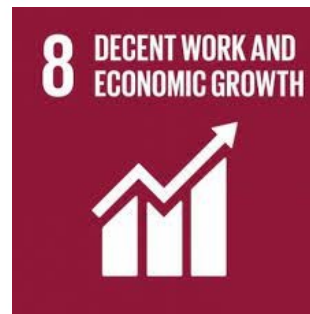
1. Introduction

How we do it – Expanding internationally



1. Introduction

Corporate Social Responsibility Management System aligned with the Sustainable Development Goals (SDGs)



Affordable and clean energy

We strive to achieve more sustainable energy usage through energy efficiency, self-consumption and digitalization

2. Factorenergia Group

Factorenergia Group - What services do we offer?



Energy Retailer

- Electricity and Natural Gas
 - Industry
 - Residential



Market Agent for Independent Producers

- Representation
- Power Management
- Integral service
- Ensuring economic viability



Energy Efficiency

- Self-consumption
- Charging Points for Electric Vehicle
- Capacitor Batteries
- LED luminaire
- Savings and Innovation
- Energy Coaching

2. Factorenergia Group

Offered Products - What do we offer at the Energy Efficiency Department?

Factorenergia Group is not only dedicated to the commercialization of electricity and gas, but it also offers and provides services related to **energy efficiency products**.

We **advise and recommend energy efficiency products** with the mission of contributing to the energy transition. All of that with **free of charge and without commitment** to all interested people. With this, we intend to contribute to a more sustainable world.

The products and services that we currently have are:



Photovoltaic self-consumption

Project and installation of a photovoltaic self-consumption system for any type of client.



Charging Points for Electric Vehicles

Project and installation of charging points for EVs for any type of client.



Capacitor Batteries

Project and installation of capacitor batteries for small and big industrial clients.



LEDS

Project and replacement of conventional lighting by LEDS for small and big industrial clients.

2. Factorenergia Group

Other Products Offered to Our Customers

In addition to offering the aforementioned products, we also have **two by-products available** to our customers related to energy efficiency and the electricity supply that they have hired with us:

For customers who already have a photovoltaic self-consumption installation we can offer them:



- 1. Simplified Surplus Compensation (CSE):** For customers who have a self-consumption installation with a power of less than 100 kW, we sell their energy and pay the amount within the electricity bill, increasing their savings in a simple way.
- 2. Photovoltaic Maintenance Product:** We offer a customized product for each client with the mission of guaranteeing the proper functioning of their installations and continuing their savings during the 30-year useful life of this type of installation.



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Self- consumption case study

November 2023

The logo for meetMED is displayed on a white rectangular background. The word "meet" is in a green, lowercase, rounded font. "MED" is in a dark blue, uppercase, bold font. The letter "E" is stylized with a yellow sun icon and horizontal lines, suggesting energy or power.

meetMED

3. Case Study

Cooperative group Fruits de Ponent



Cooperative farming ecosystem whose foundation is upheld by its partners, who, over the years, from generation to generation, have nurtured the cooperative principles of internal democracy, transparent administration, independent decision-making, community education and training, cooperation and charity.,

Today, it is a food group which produces healthy foods like fresh fruit, extra virgin olive oil, almonds and cereals and processed foods like fruit juice and syrups.



3. Case Study

Cooperative group Fruits de Ponent



Primary Consumers

- Refrigeration equipment and cold storage rooms: Refrigeration systems tend to consume a significant amount of energy to maintain the proper temperatures in cold storage rooms and ensure the preservation of fruits.
- Irrigation equipment
- Harvesting machines
- Processing equipment: Machines used for fruit processing, such as packers, juice presses, and crushers
- Transportation equipment
- Others.

The cooperative is composed of:

- 180 family communities
- Creation 1992
- 2,100 hectares of crops
- Values:
 - Product quality - Innovation - Environmental awareness - Promotion of social environment

3. Case Study


1,500 kWp self-consumption PV installation



3. Case Study

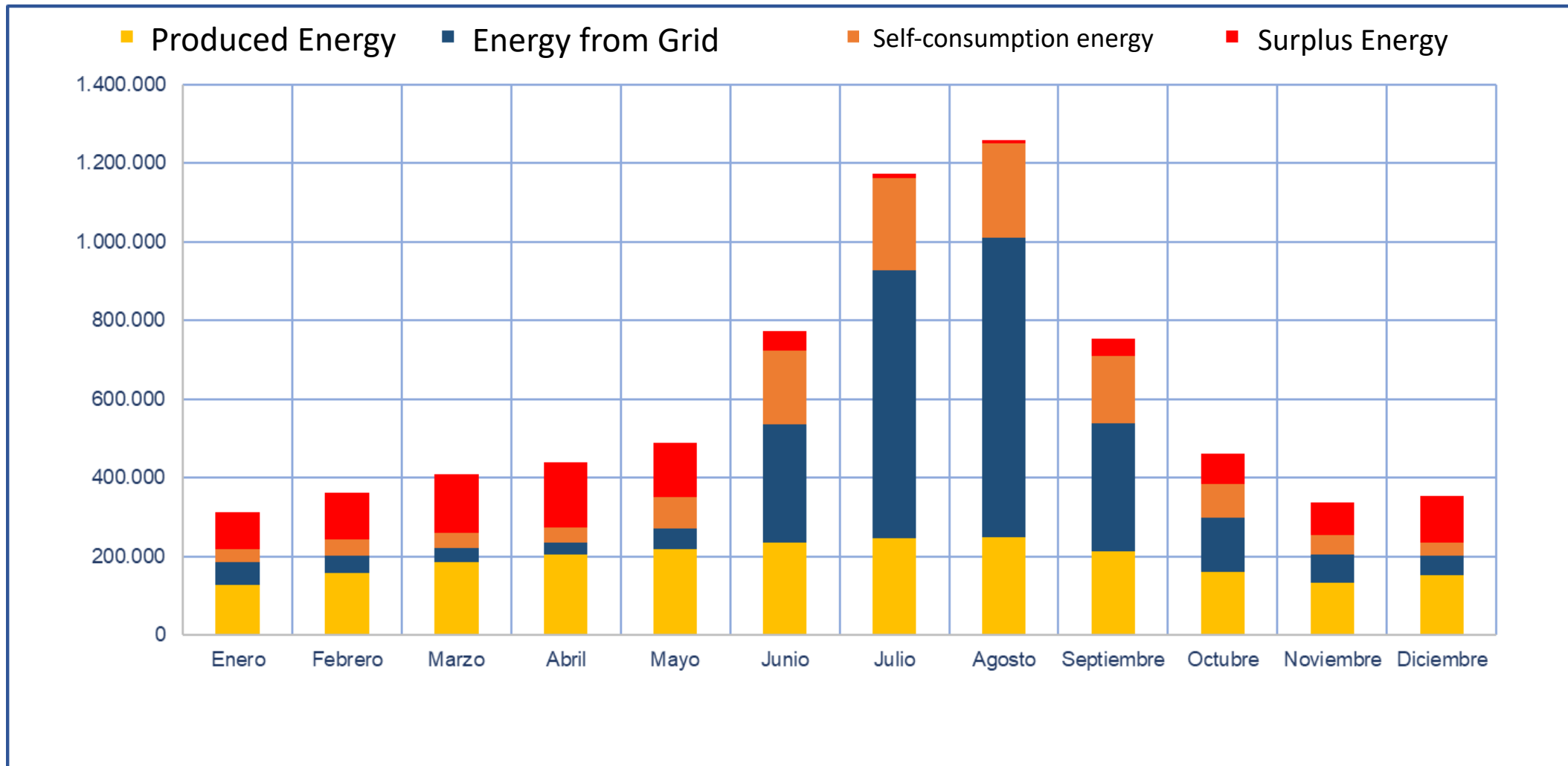
1,500 kWp self-consumption PV installation



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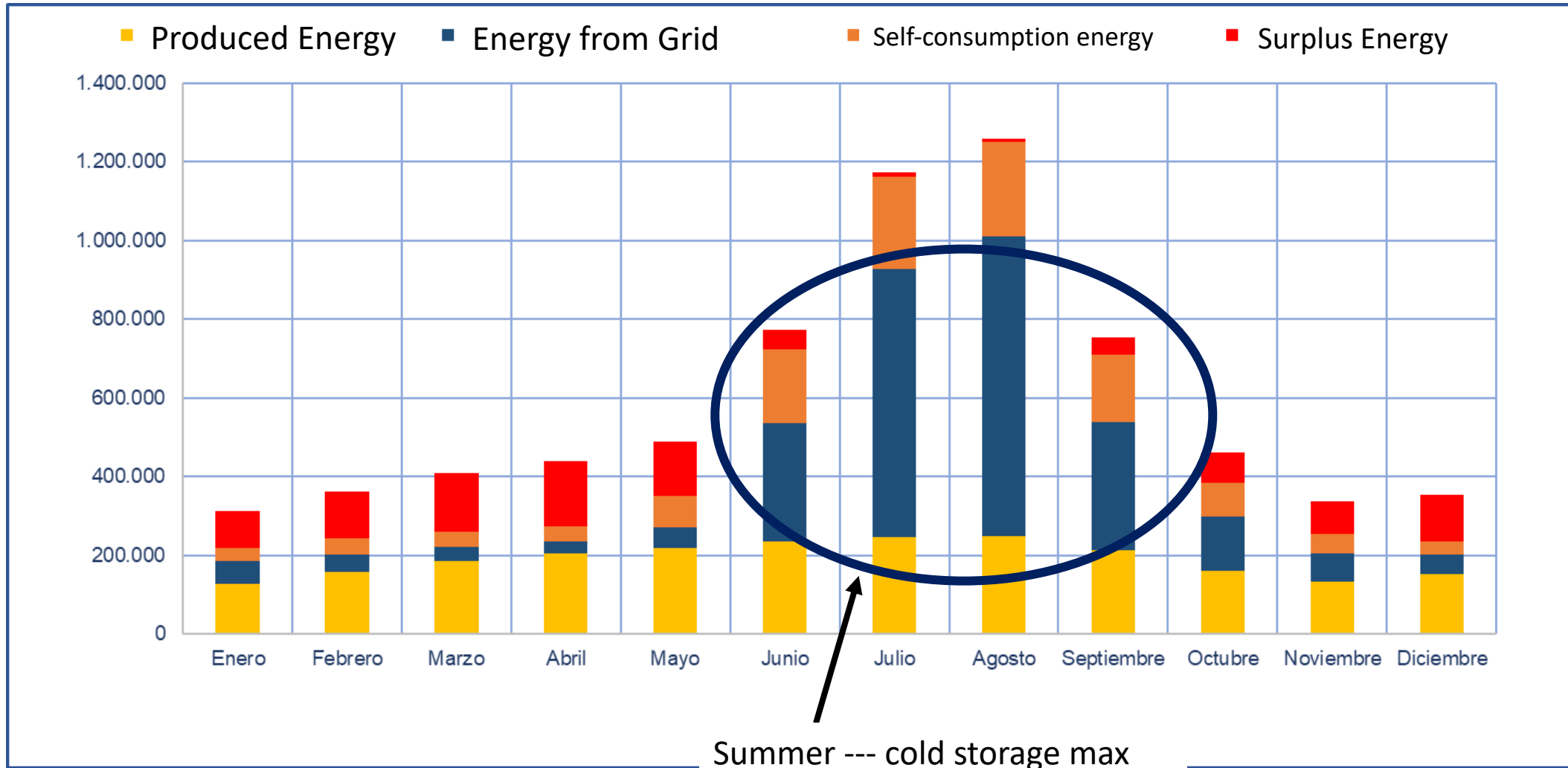
3. Case Study

1,500 kWp self-consumption PV installation. Month to Month analysis 



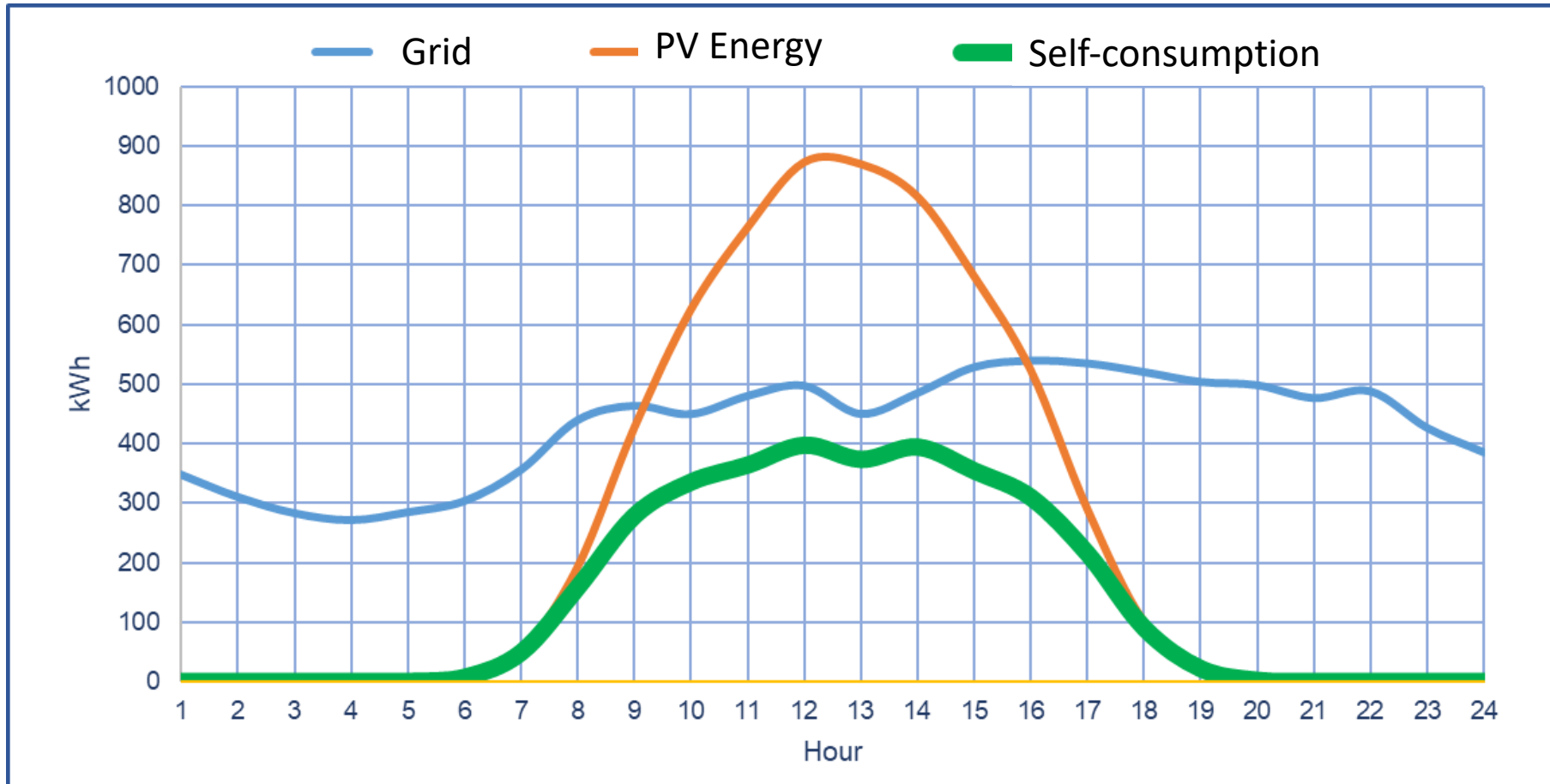
3. Case Study

1,500 kWp self-consumption PV installation. Month to Month analysis 



3. Case Study

Average daily consumption of a workday



3. Case Study

1,500 kWp self-consumption PV installation.

Summary of the main energy data



Energy Statistics	
Global Solar Coverage (%)	60%
Energy Consumed (kWh/year)	3.783.495
Produced Energy (kWh/year)	2.285.174
Energía Autoconsumida (kWh/año)	1.227.965
Energy Consumed from Grid (kWh/year)	2.555.530
Surplus Energy (kWh/year)	1.057.209
% Self-consumed Energy	32%
% Energy Consumed from Grid	68%

3. Case Study

8 Charging points for electric vehicles

Eight charging points


Type of semi-fast charging (22 kW)

Charging for the Cooperative's electric vehicles


Free charging service for all members



3. Case Study



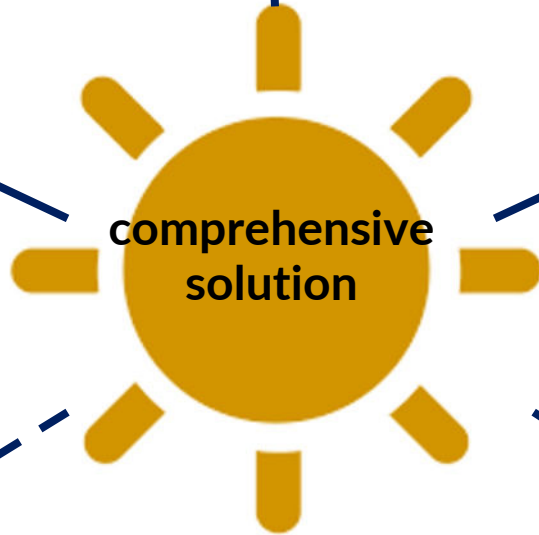
Self-consumption PV installations
1,5 MW + 100 kW



EV charging points
Free car charging for partners
With PV energy




Energy supply for partners
100 % renewable
Special Conditions



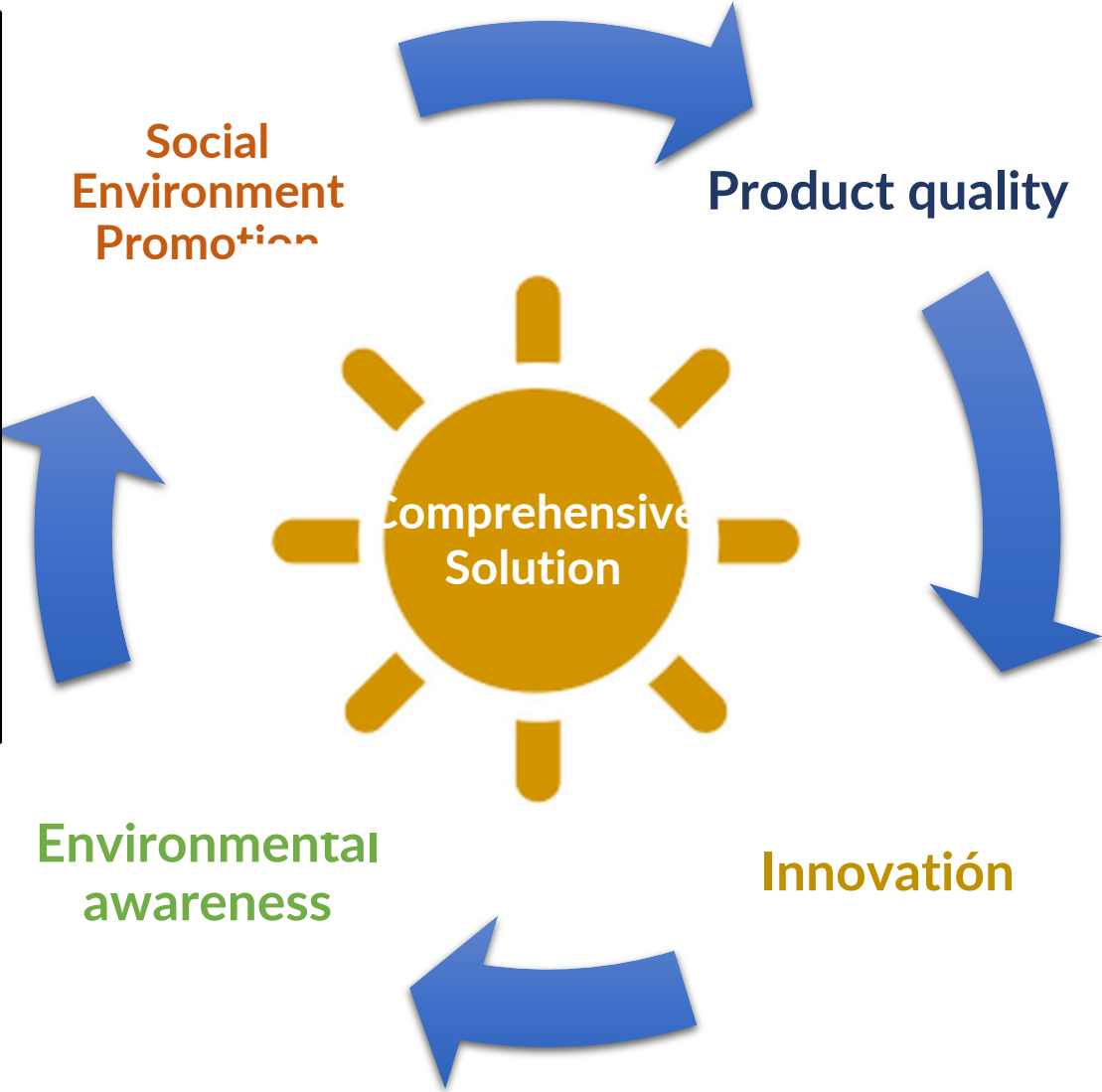
Additional EV charging points
Future installation at end customers

Collective Self-consp. PV
35% surplus



Additional Self-consumption
Residential PV
ESS

3. Case Study



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Mitigation Enabling Energy Transition in the MEDiterranean region

Thank you for your attention
Any questions?

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Carlos Gallar

Responsable Transición Energética, Autoconsumo, movilidad sostenible y eficiencia

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