



# Energy saving Self-production and e-mobility



“The best idea is the one whose time has come”







# 1. Do you want to be innovative and optimize your business's electric power consumption?

- Are you a go-ahead person who likes to be independent and set your own rules?
- Do you want your business to be a benchmark as a green company, producing clean energy and helping to protect the environment?
- Do you want your company to have an up-to-date image and be noted for having its own electric vehicles?
- Do you want to produce your own electricity, and not be at the mercy of increasing power costs today and in the future?
- Do you want your business to be truly competitive without needing public subsidies?

**The time to act is now, and the future is already here.**

## 2. Why is it now profitable to generate your own power

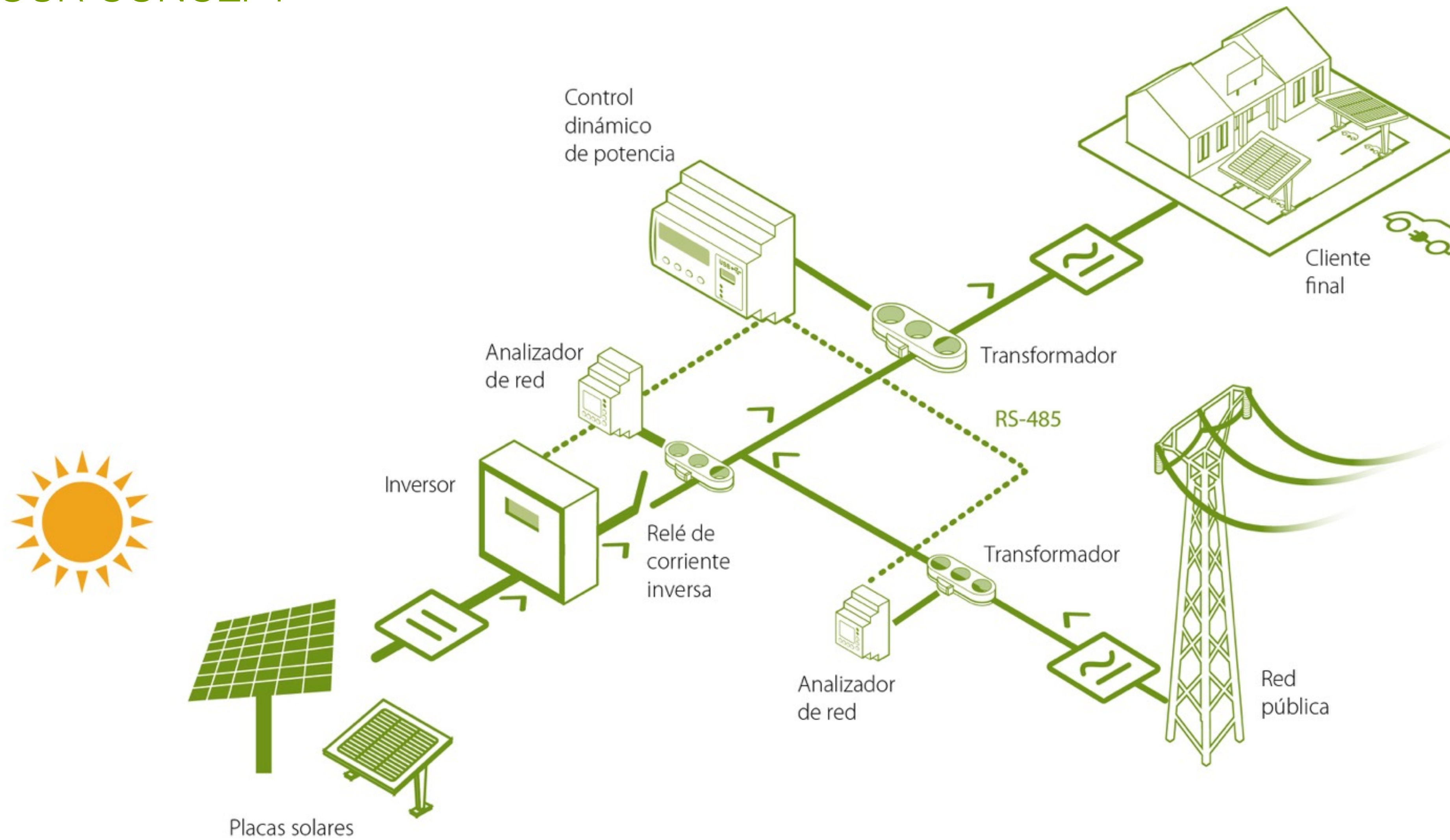


- The significant drop in the cost of solar installations combined with increased production efficiency and the rise in energy costs for the end user have brought about the condition known as “grid parity”.
- Currently, the cost per kWh of energy generated by photovoltaic systems is lower than that charged by the power companies.
- The latest technological advances enable the production of clean, inexhaustible energy from sources such as solar power, even in isolated areas.
- We design customised solutions for each customer, proposals that optimise efficiency and resource management to enable greater cost savings and enhance the company's competitive advantage.
- Our solutions are not only aimed at generating clean energy for self-consumption, but also to charge electric vehicles. Significant savings in consumption, maintenance, CO<sub>2</sub> emissions and the fiscal advantages of electric vehicles will shape the future of mobility.



# 3. Self-consumption and energy savings

## OUR CONCEPT





## 4. Corporate partners in Spain



ASSESSMENT  
OF THE PROJECT



COMPONENTS



MARKETING



FUNDING



PRODUCTION I+D





## 5. What they contribute.

- PROCONSULT ALMERÍA provides the necessary administrative support before and during product installation and also coordinates sales in Spain and Italy. Their more than twenty years as an international consultant is a guarantee of excellence.
- SOLAREC specializes in the maintenance of solar energy facilities and production optimization, applying cutting-edge systems such as thermography and monitoring.
- LÖSEKE & MARX, FRONIUS and CIRCUTOR are leaders in the manufacture of components for power management and in research into innovative applications in the renewable energy.
- The products we provide can be financed by leading institutions to adapt funding to the needs of each client.
- FUTURE ENERGY CONSULTING is a Swiss company with experience in management of photovoltaic projects and specializes in international joint venture. Also, as member of “Swiss e-Mobility”.

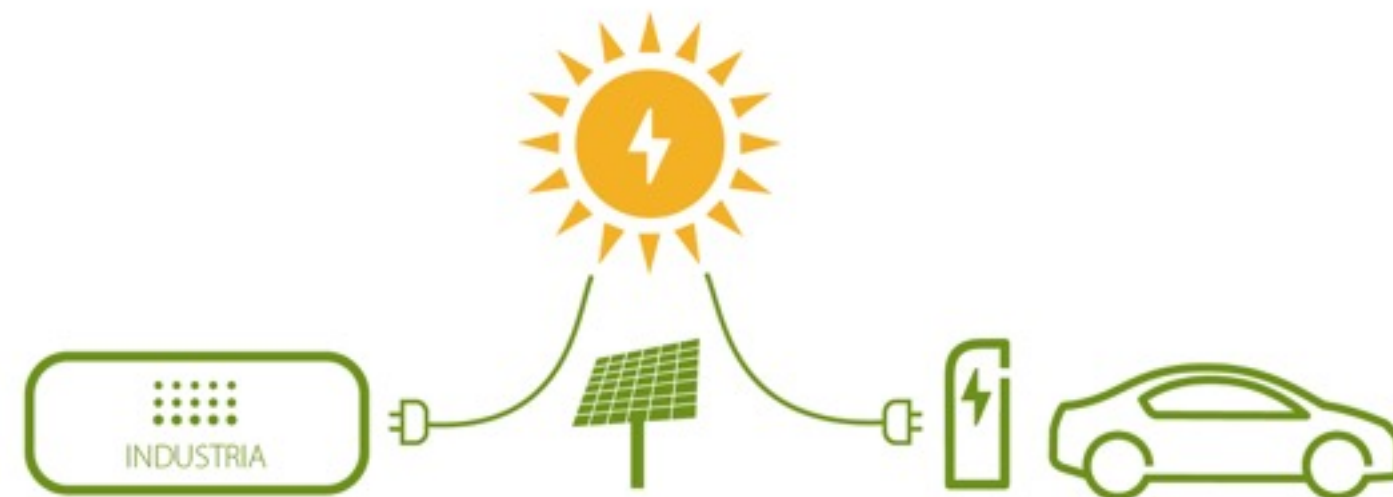


## 6. Proconsult's Sun Tower technology

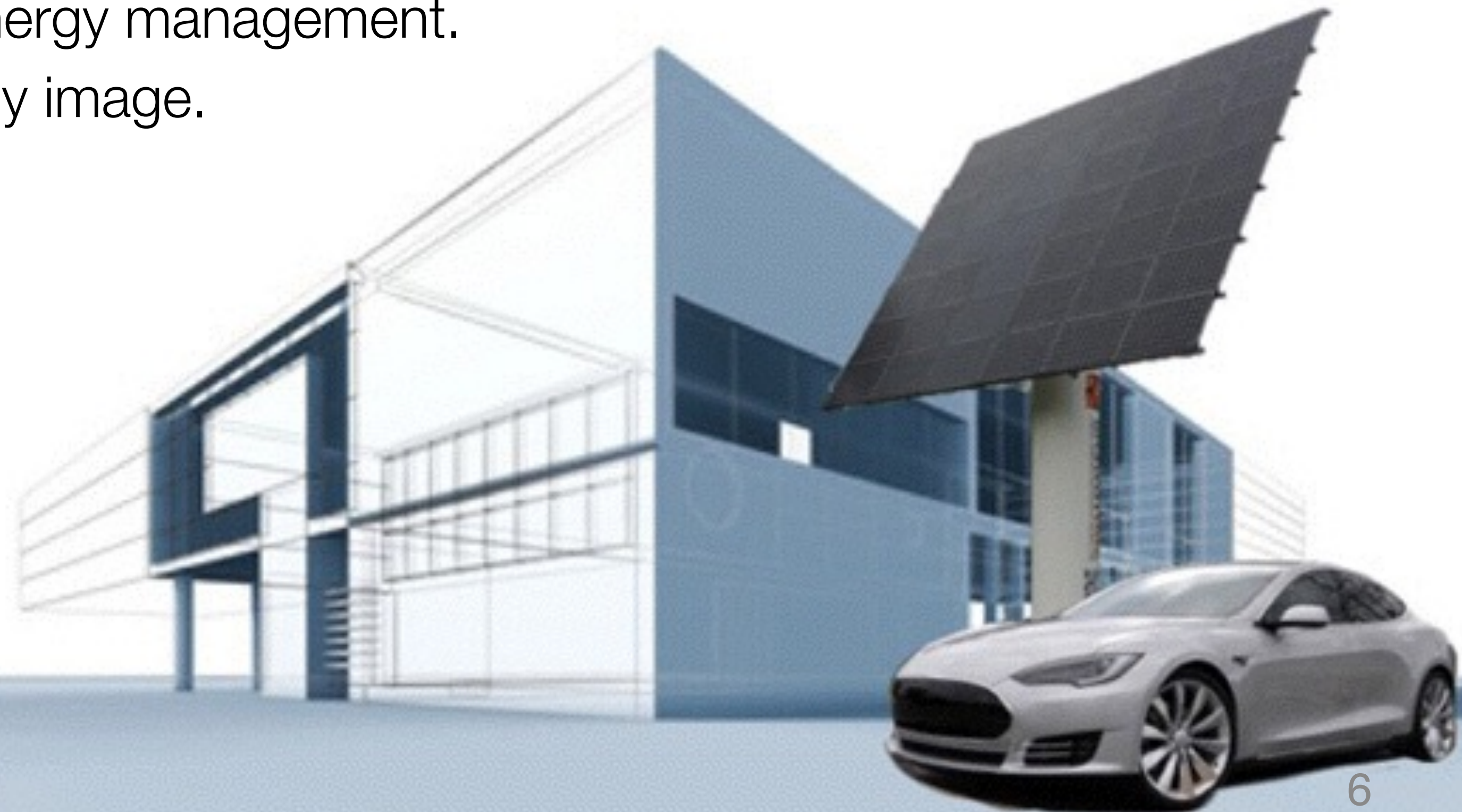


An innovative concept that combines the following:

- Energy savings and enhanced competitiveness for your company.
- Invests the capital saved by self-produced power.
- Uses 100% of the solar energy produced without feeding the grid.
- Optimizes consumption due to efficient energy management.
- Projects a modern, environmentally-friendly image.



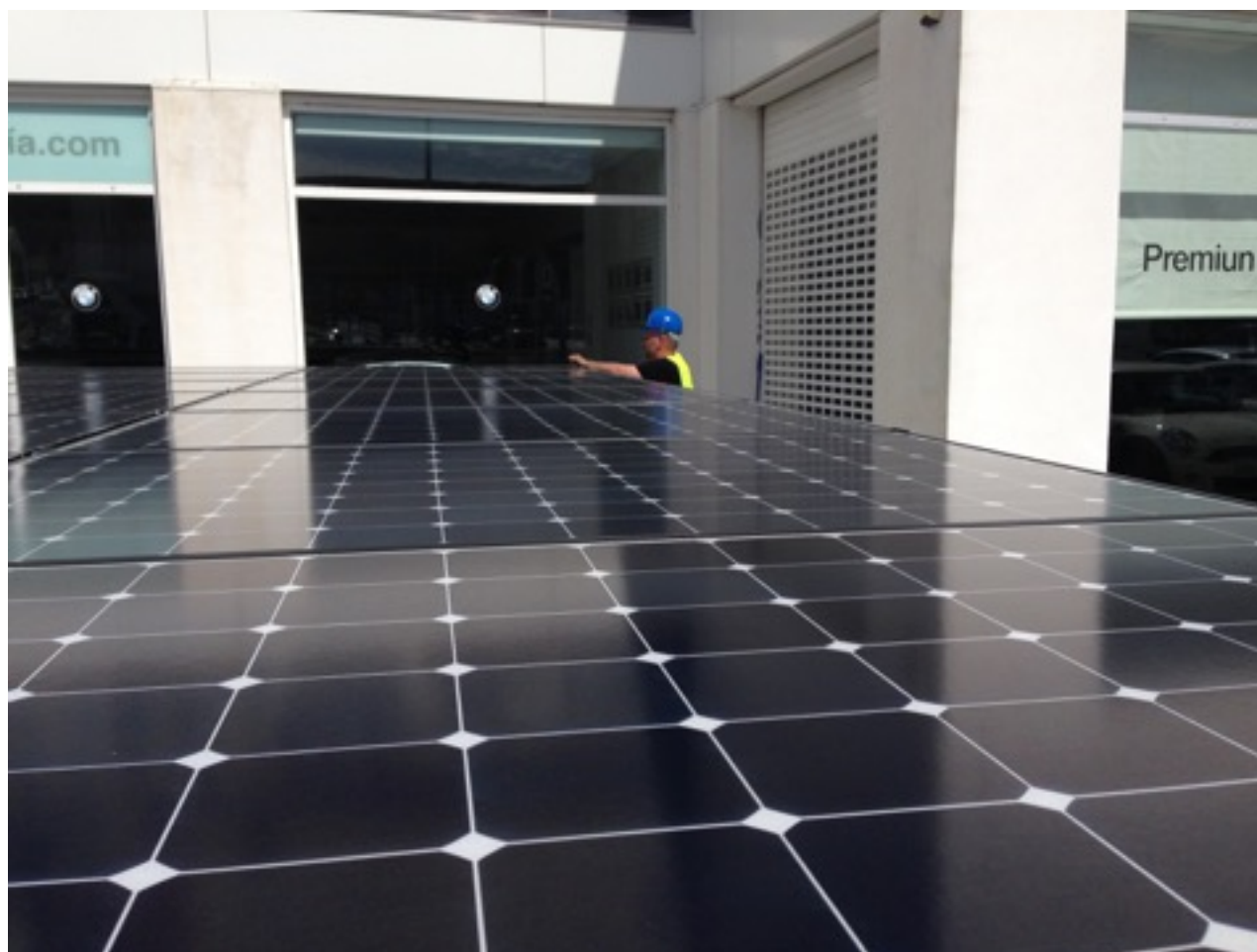
The sun directly to your car and your industry





# 7. Fast, professional installation

## OUR SUN TOWER OPERATIVE IN 24 HOURS





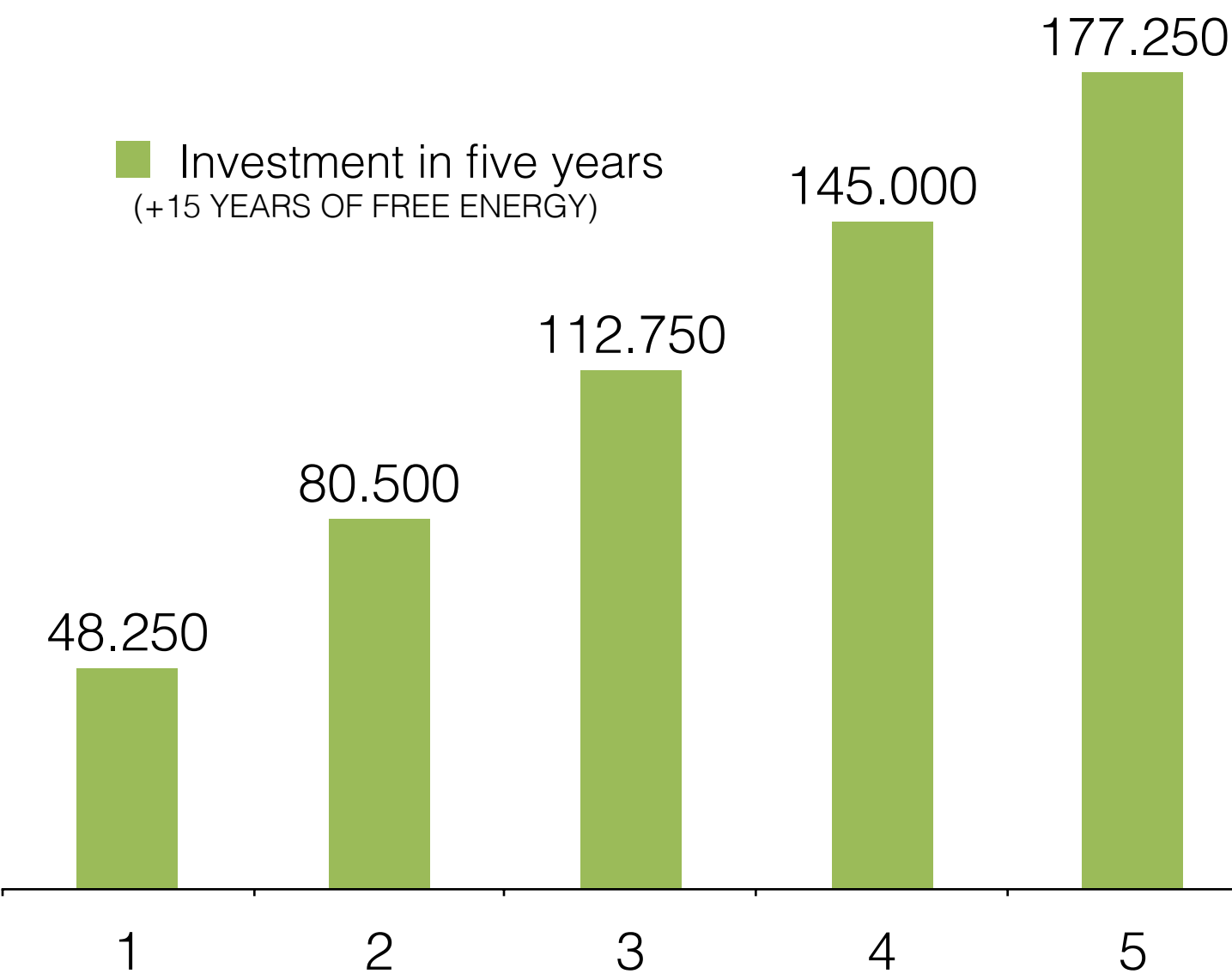
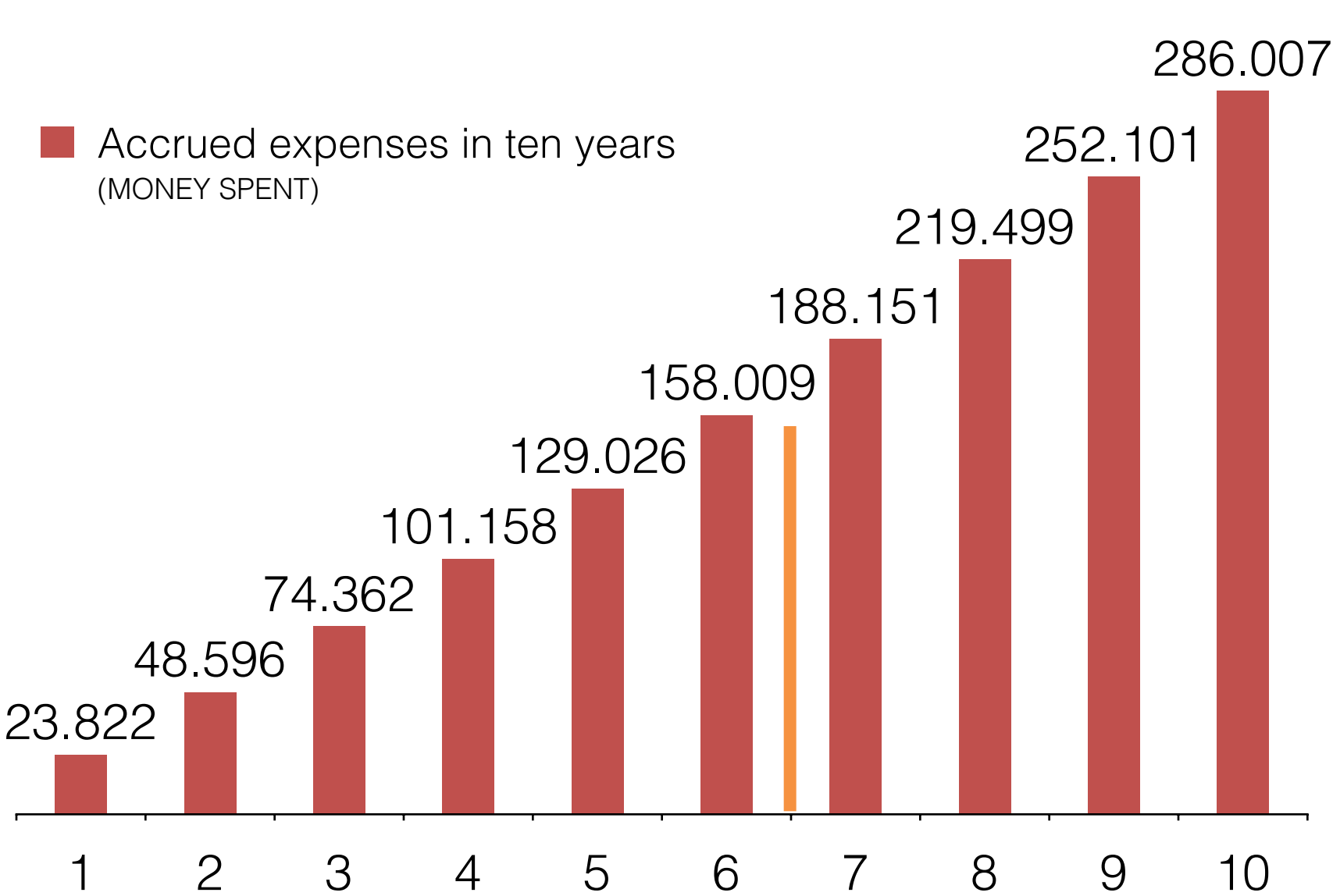
# 8. Invest the capital saved in energy production.



Example of installation in Andalucía: 1 Sun Tower + 1 instalación FV (30 kwp) + 1 gestor energético + 1 consola VHE + BMW i3.

ENERGY COSTS AND VEHICLE	
Estimated price Kwh	0,160 €/Cent.
Annual available energy	88.886 Kwh
Cost leasing / car fuel	0,48 €/Cent.
Provided annually kilometers	20.000
Estimated inflation	1%
Estimated increase in the cost of energy	3%

GLOBAL INVESTMENT: 166.000 € (SIN IVA)	
Selling price	166.000,00 €
Payment on account	16.000,00 €
Amount financed	150.000 €
Term financing (five years to 3%)	60 meses
Monthly fee	2.687,50 €
Anual fee	32.250,00 €





## 9. A very profitable investments

Once amortized it will produce clean, free energy for many years.

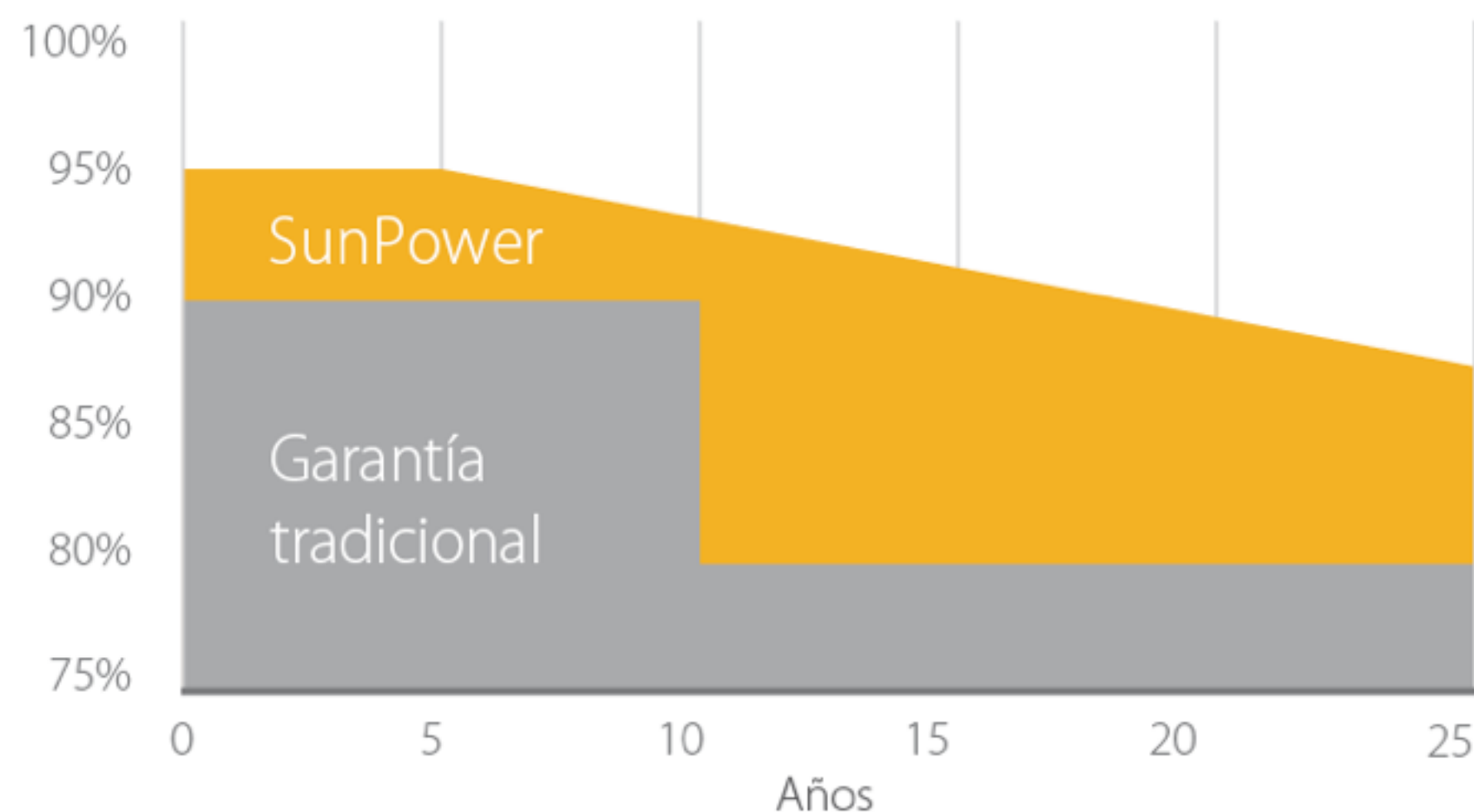






# 10. High quality, efficient modules

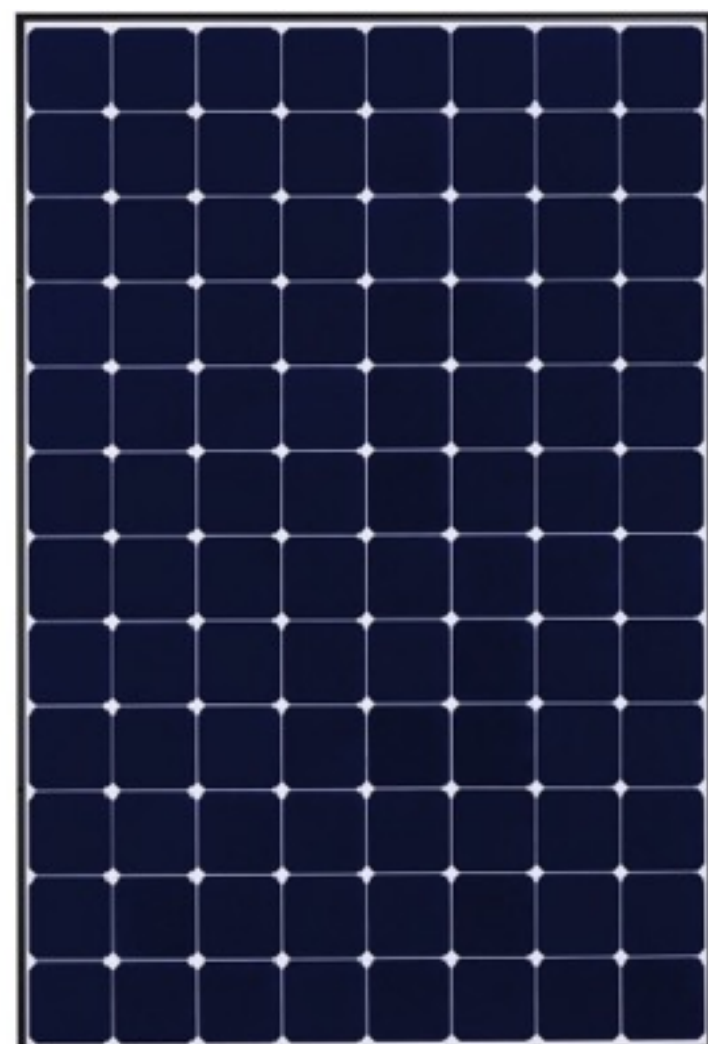
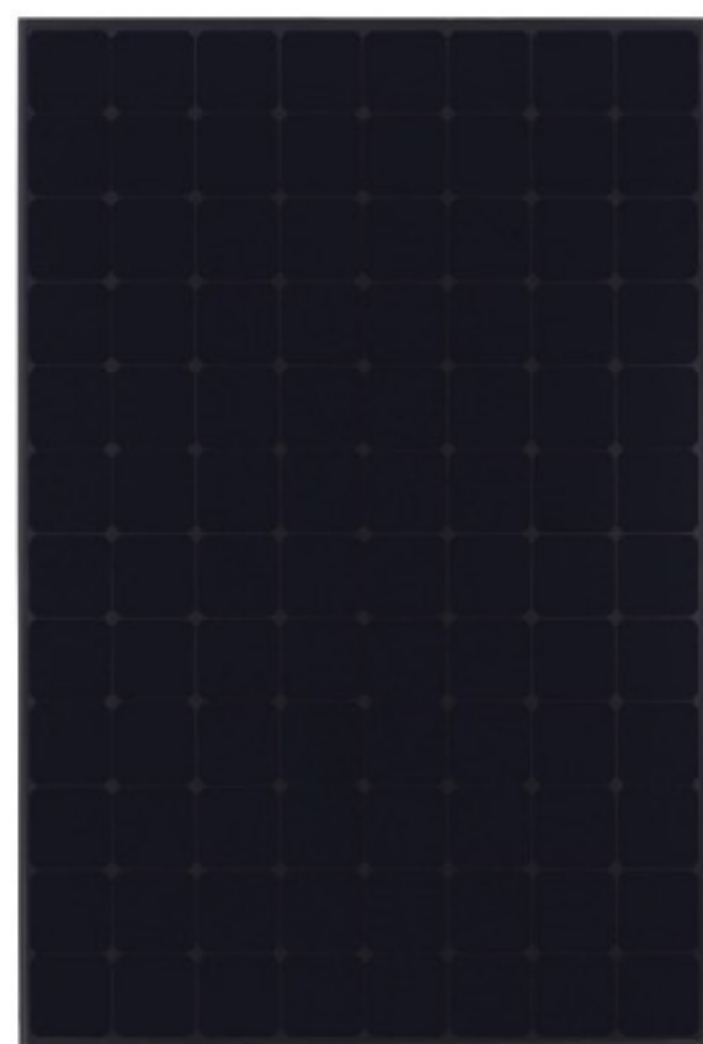
Guaranteed power output



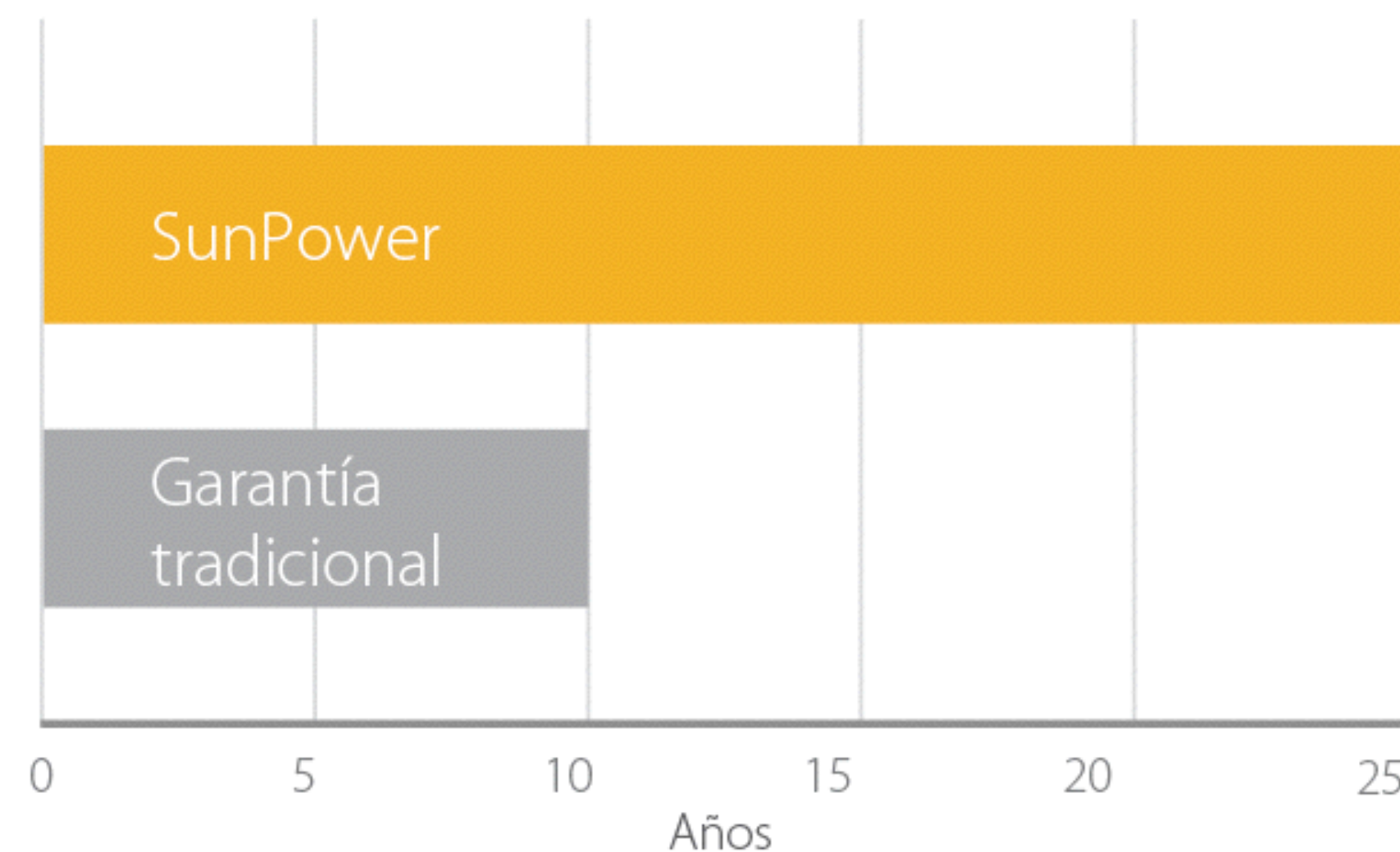
The SunPower panels produce **75%** more power to the same surface in the first 20 years.

They offer a **25 years** warranty that covers both product performance. More protection and peace of mind for your investment.

X21 - 345 PANEL



Product warranty







# 11. We use reliable and efficient inverters.

The Fronius, Solar Max and Delta inverters deliver maximum performance in all weather conditions. Safety, reliability and absolute versatility.

With a maximum efficiency of **95.9%** the Fronius IG Plus series scores one of the highest values among investors with transformer.



SOLARMODULE DER X  
Master Inverter X-Change.



Printer circuit change.



Integrated WLAN Interface.



AF transformer switching.



Smart Grid Ready.



# 12. Projects.





# 13. Work with leading e-mobility companies.



The **BMW i3** and **BMW i8** are redefining the cars of tomorrow with their innovative design. Their ground-breaking fully electric zero-emission engines offer an unmatched driving experience.

Having renewable energy will enable you to recharge your BMW from clean sources. Every trip and every recharge will be pollution-free.



BMW i





# A solution for every activity and customer profile

The Renault Zoe, for example, is a compact, clean and quiet car. It has a smart charger that adapts to all charging stations. It develops 80 horsepower, has a top speed of 135 km/h and accelerates from 0-100 km/h in 8.1 seconds.



Z.E. Vehicles 100% electric.



Z.E. Battery. In perfect condition.



Z.E. Charge. Easy recharging.



Z.E. Services. Guaranteed assistance.

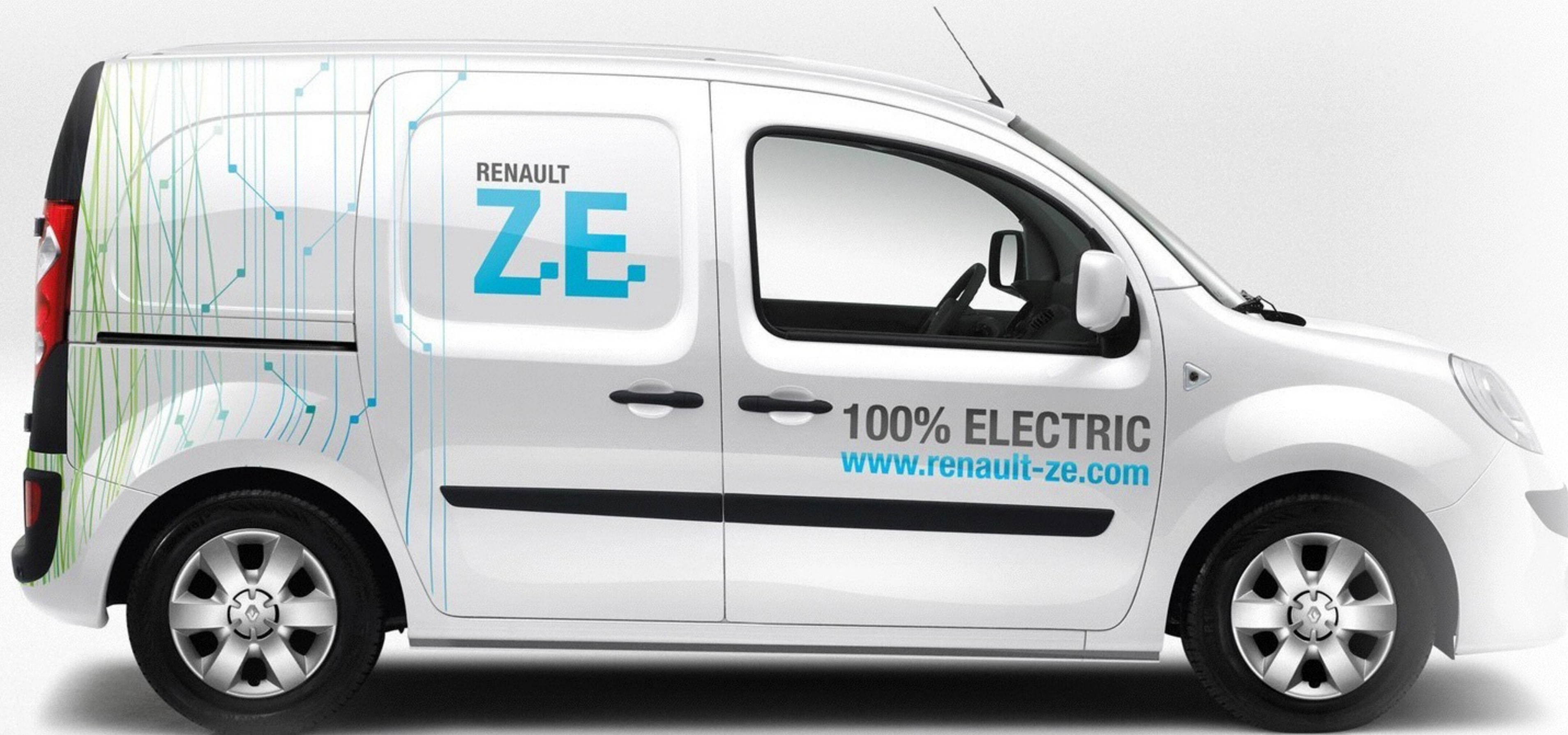


# Commercial vehicles on the go.

Designed for the most demanding industries, the new generation of electric vans offers total emission-free comfort.



RENAULT  
**ZE**  
ZERO EMISSION





# Tesla S (416 bhp 4-door saloon)

It comes with batteries of up to 85 kWh for a range of 500 km with a full charge.





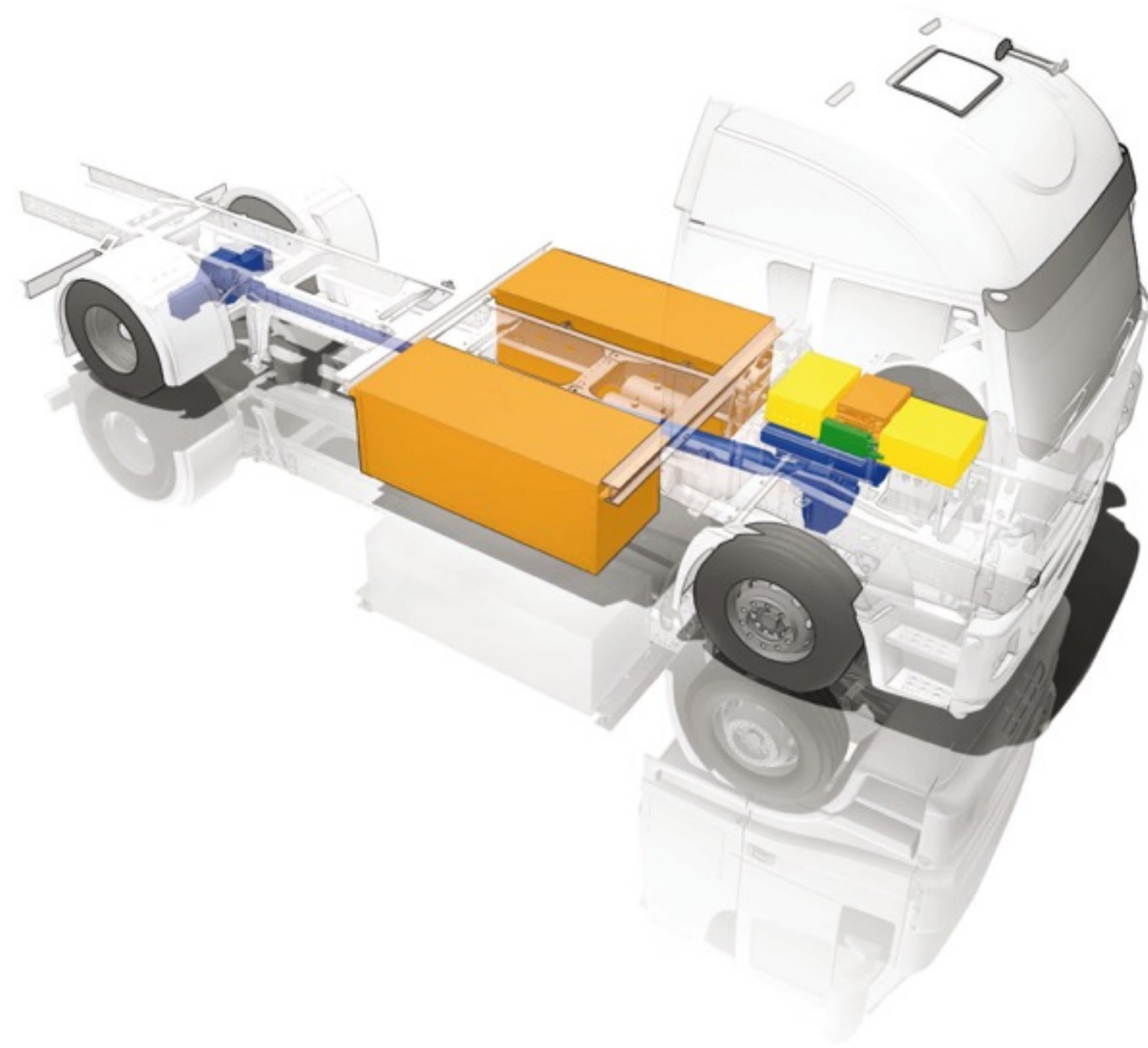
# Tesla new European network

The more than 200 Supercharger network points enable you to travel and recharge your electric car free in Europe.

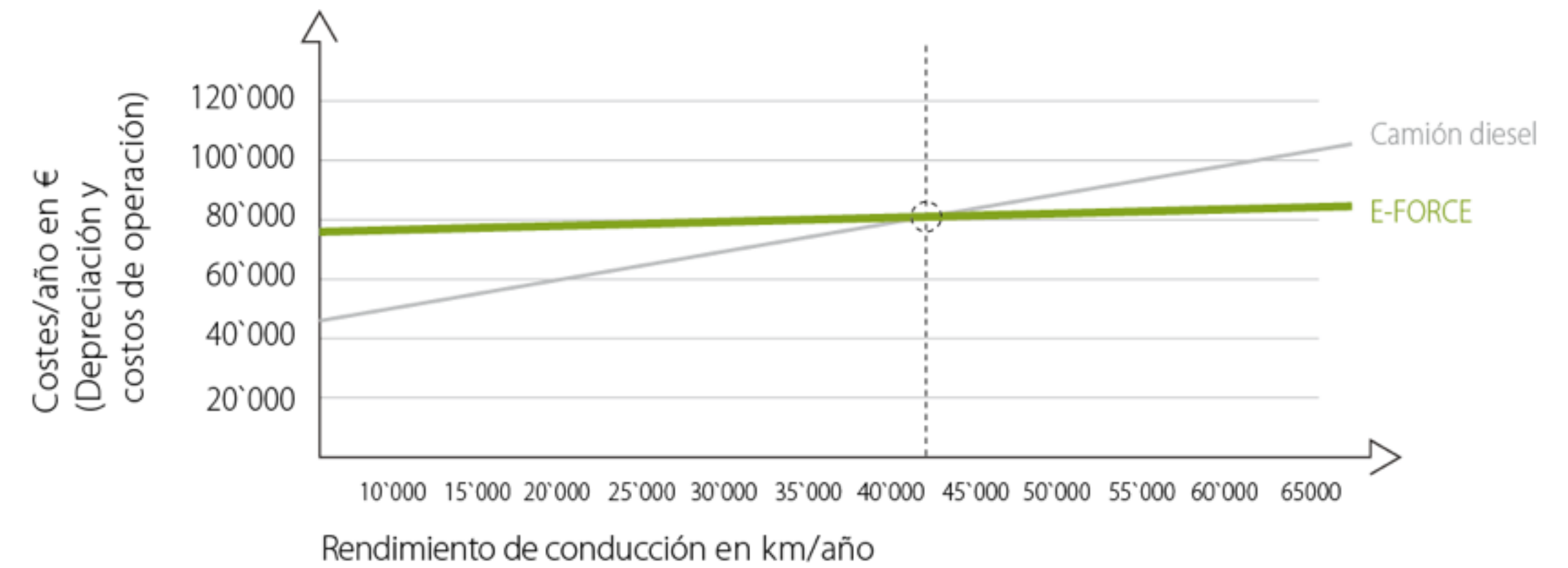




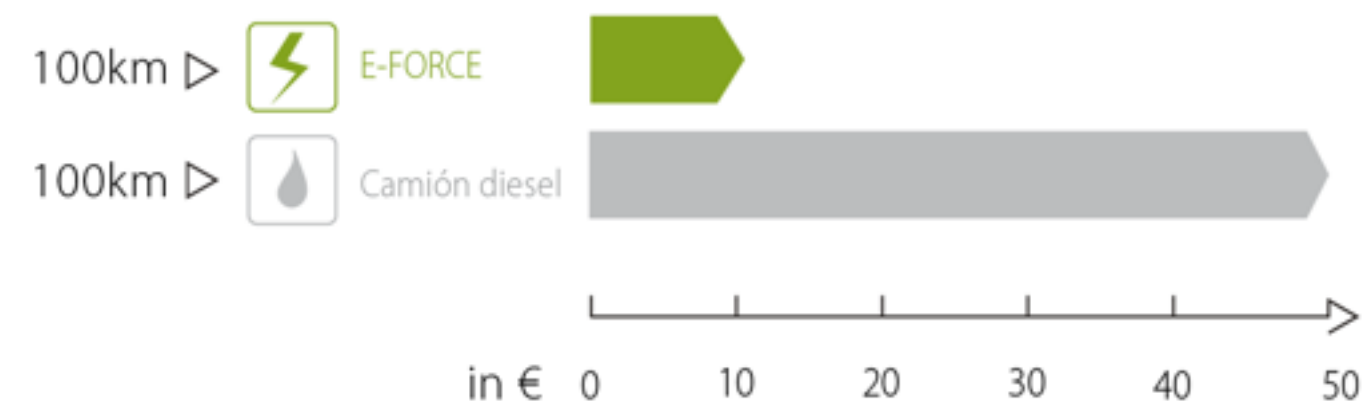
# 14. E-Force (18 ton electric truck. 400 km range)



Breakeven



Operating expenses





# 15. Other applications of electric charging.





## 16. Solar carport to increase production.

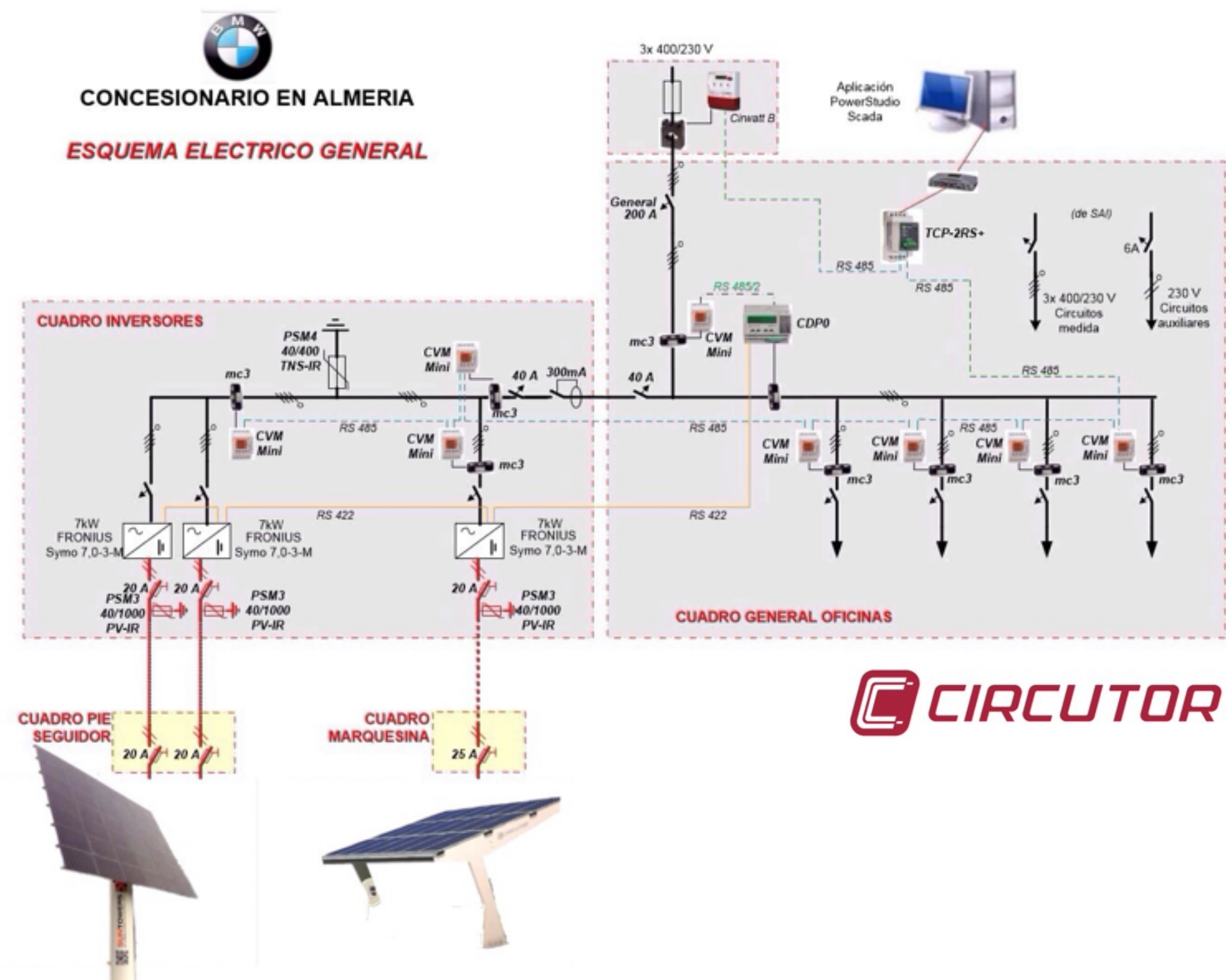


Circutor provides solutions for every parking need. The whole recharging process can be done in a few easy steps without any technical knowledge.





# 17. Energy management (enables instant reading and control)





## 18. Further information:



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