



> Solar power systems > Energy storage systems > Electric vehicles

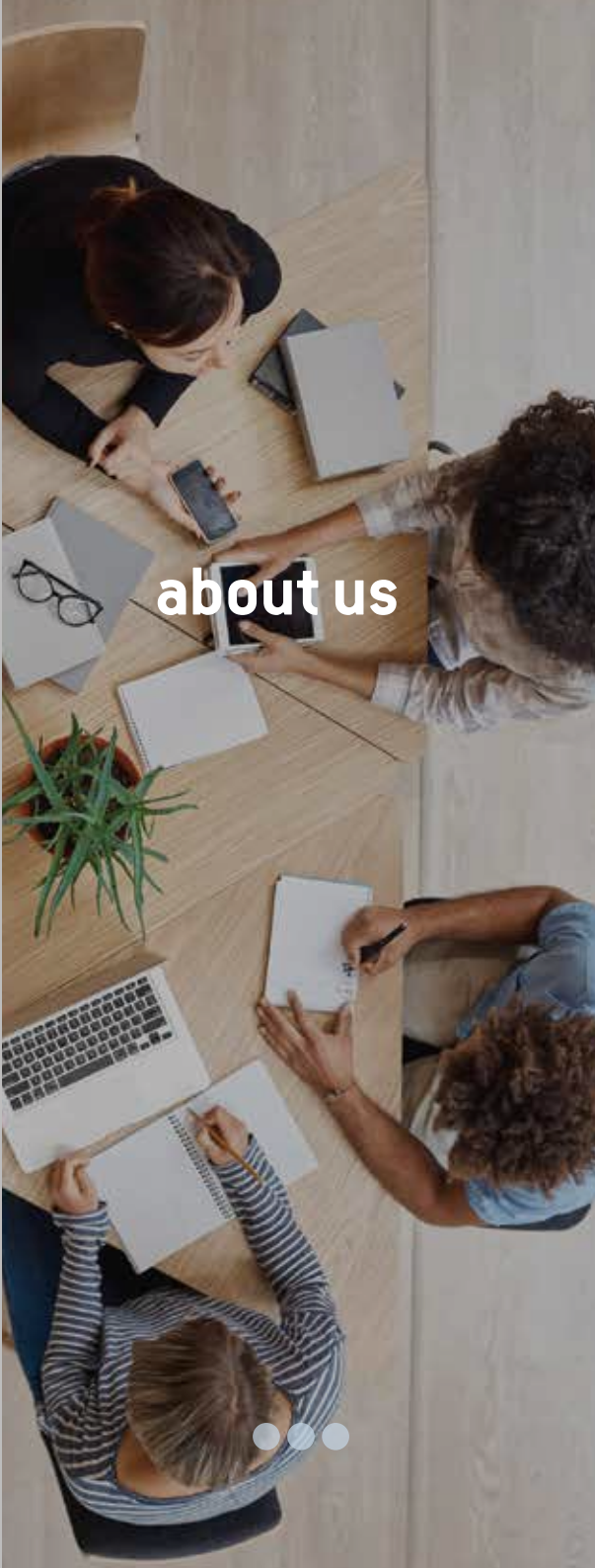
solar is our future





clean power

worldwide operations



about us



ECO//SUN has operated within the area of Renewable Energy Sources since 1996. The object of the company is research, design, marketing, the construction and commissioning of residential or industrial systems level such as:

- » **Electricity production using photovoltaics**
- » **Back-up systems**
- » **Energy Storage systems**
- » **Heat pumps**

In 2017, ECOSUN entered a new business arena, more specifically the market of electromobility, via the brand ECOCAR.

Our goal is to contribute to improving the quality of human life, through the application of modern systems as well as eco-friendly technologies.

A key pillar of our philosophy is developing a win-win collaboration with our customers and business partners.





certifications

ECO//SUN offers certified products to all its customers.
Our company is a founding member of the Association of Photovoltaic Companies (S.E.F.)
and certified with the international quality standard
ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018.

Fully understanding the importance of energy autonomy, we ensure:

- > **Study and design of On Grid & Off Grid systems**
- > **Supply and installation of materials (Turn Key Solutions)**
- > **Operation support and control**
- > **Hybrid energy solutions**

ECOSUN always emphasizes the careful selection of the materials and subsystems of the projects we implement.

As a result to provide:

- > **Simple and safe connections**
- > **Resistance to overloads**
- > **Generator and grid support and protection**
- > **Uninterruptible Power Systems (UPS)**



The company, having a permanent stock of materials, offers 24-hour technical support with immediate on-site service by specialized staff.



our actions



PHOTOVOLTAICS

corporate timeline

1996

It is founded as a sole proprietorship company with its headquarters located in Thessaloniki and starts developing its enterprising activities in remote and inaccessible areas, as well as in Mount Athos, building power systems based on renewable energy sources.

1999

Builds an innovative lighting system in a park, set in Alexadroupolis, using photovoltaics. In the same year, ECO//SUN installs on Crete the largest photovoltaic panel at that time, producing power of 125kWp. In collaboration, among others, with the **Technological Educational Institution of Western Macedonia**, located in Kozani, IEK Omiros, the **University of Munich**, and **Dillingen Academy**, ECO//SUN participates in “**Leonardo Da Vinci**” educational program and creates the syllabus for the courses of the profession of the Solar Technician.

2001

A technical support department is created to provide assistance to customers, service of inverters, design and manufacture of electrical switch boards and automation for energy systems.

2002

The company has expanded its business affairs and as a result, shifts from sole proprietorship company to E.P.E. entity (the Greek equivalent to «Ltd.»).
A design and manufacturing department for mounting systems is created.
ECO//SUN becomes a co-founder of the **Hellenic Association of Photovoltaic Companies**, a manufacturers' association that contributes to the creation and development of a healthy and sustainable market that promotes photovoltaic energy systems.

2004

Participates in the installation of the PV at the «**Eleftherios Venizelos**» airport of Athens.
Participates in a 40kW project that was part of the Olympic Games, an PV installation at the German School of Athens, where the German journalists covering the Games were staying at.

2005

Member of the **SY.DE.SYS** association (battery recycling)

2006

Development of mounting systems, which are the company's first inhouse products

2007

The company expands by setting up a branch in Athens

2008

First grid connected PV systems according to a F.I.T. law in Greece

2009

Transfer of the logistics department to Lakkoma, in privately owned facilities of 600 s.m.
Development of a production unit for the manufacturing of modern aluminum mounting systems and other special mounting and construction systems

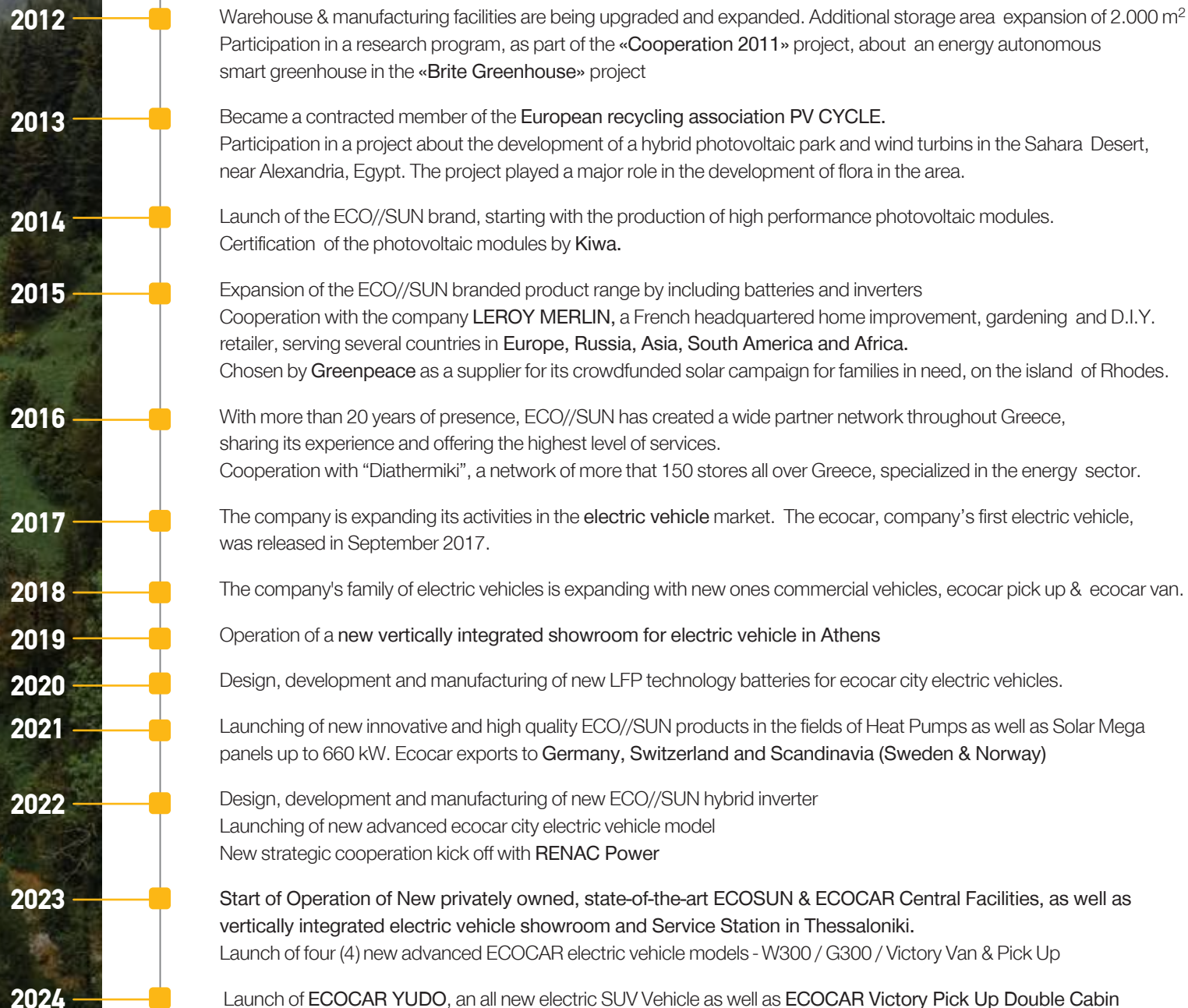
2010

Awarded an ISO 9001 certification by TUV Rheinland

2011

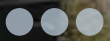
New certifications for ECO//SUN: an ISO 14001 and an **OHSA18001** certification by **TUV Intercert**.
ECO//SUN mounting systems also received a certification by **TUV Austria**.

corporate timeline

- 
- 2012** Warehouse & manufacturing facilities are being upgraded and expanded. Additional storage area expansion of 2.000 m²
Participation in a research program, as part of the «Cooperation 2011» project, about an energy autonomous smart greenhouse in the «Brite Greenhouse» project
- 2013** Became a contracted member of the European recycling association PV CYCLE.
Participation in a project about the development of a hybrid photovoltaic park and wind turbines in the Sahara Desert, near Alexandria, Egypt. The project played a major role in the development of flora in the area.
- 2014** Launch of the ECO//SUN brand, starting with the production of high performance photovoltaic modules.
Certification of the photovoltaic modules by Kiwa.
- 2015** Expansion of the ECO//SUN branded product range by including batteries and inverters
Cooperation with the company LEROY MERLIN, a French headquartered home improvement, gardening and D.I.Y. retailer, serving several countries in Europe, Russia, Asia, South America and Africa.
Chosen by Greenpeace as a supplier for its crowdfunded solar campaign for families in need, on the island of Rhodes.
- 2016** With more than 20 years of presence, ECO//SUN has created a wide partner network throughout Greece, sharing its experience and offering the highest level of services.
Cooperation with “Diathermiki”, a network of more than 150 stores all over Greece, specialized in the energy sector.
- 2017** The company is expanding its activities in the electric vehicle market. The ecocar, company’s first electric vehicle, was released in September 2017.
- 2018** The company’s family of electric vehicles is expanding with new ones commercial vehicles, ecocar pick up & ecocar van.
- 2019** Operation of a new vertically integrated showroom for electric vehicle in Athens
- 2020** Design, development and manufacturing of new LFP technology batteries for ecocar city electric vehicles.
- 2021** Launching of new innovative and high quality ECO//SUN products in the fields of Heat Pumps as well as Solar Mega panels up to 660 kW. Ecocar exports to Germany, Switzerland and Scandinavia (Sweden & Norway)
- 2022** Design, development and manufacturing of new ECO//SUN hybrid inverter
Launching of new advanced ecocar city electric vehicle model
New strategic cooperation kick off with RENAC Power
- 2023** Start of Operation of New privately owned, state-of-the-art ECOSUN & ECOCAR Central Facilities, as well as vertically integrated electric vehicle showroom and Service Station in Thessaloniki.
Launch of four (4) new advanced ECOCAR electric vehicle models - W300 / G300 / Victory Van & Pick Up
- 2024** Launch of ECOCAR YUDO, an all new electric SUV Vehicle as well as ECOCAR Victory Pick Up Double Cabin

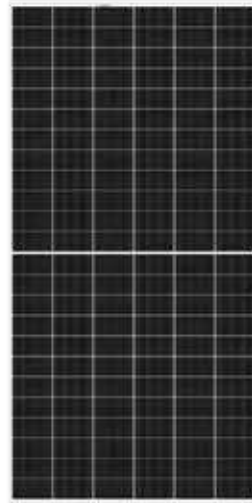
products

PHOTOVOLTAICS



products

photovoltaic systems



heat pumps




inverters



charge controllers





products

energy storage systems

A key prerequisite for a 100% renewable energy future.

There is escalating interest in energy storage all around the world, primarily due to the rise of renewable energy.

In many countries, renewable energy sources, such as solar and wind power are now the cheapest and fastest-growing ways to produce electricity. Renewable energy sources are also the most sustainable option, as they produce no local emissions or pollutants.

However, we live in a 24/7 world where we want to have electricity all the time and renewable energy sources are inherently intermittent. They don't produce a continuous stream of energy round-the-clock because the sun sets every evening and there are calm, windless days.

Energy Storage Systems allow us to store renewable energy when it is readily available – when the sun shines and the wind blows. Energy storage is a critical component to the adoption and advancement of renewable energy sources around the world.

Being a strong innovator in the renewable energy industry for more than 27 years, ECO//SUN is a perfect match to energy storage. We offer unrivaled, tailor-made solutions to the most demanding energy storage challenges.

products



A. ECO//SUN Caravan Energy Storage System

ECO//SUN Energy Storage Caravan System is ideal for maintaining all the electrical equipment of a caravan, motorhome and fishing boats because of their technical characteristics.

By installing ECO//SUN Energy Storage System you will be able to have all the electrical appliances that have your caravan or boat with a reliable and durable power part.

Make sure your motorhome vacation is perfect without running out of energy in the middle of the night by using other types of batteries not intended for this use.

It is specially designed to provide reliable electrical storage solutions for renewable energy applications.

MAIN ADVANTAGES

- 100% spill-free battery
- Especially designed for caravan, motorhome and fishing boats
- Totally maintenance free, no need refilling.
- Very low self-discharge that guarantees a longer storage period
- Extremely long service life
- High safety and reliability of handling

products



B. ECO//SUN EV Energy Storage System

ECO//SUN as an experienced electric vehicle lithium-ion battery manufacturer for **ecocar**, has developed lithium iron phosphate (LiFePO₄) battery packs, which are widely used in the fields of loader vehicles, passenger cars, airport conveyors, airport tractors, ferry boats and other fields.

We provide customers with various lithium battery vehicle solutions. Lifepo₄ batteries have the characteristics of high energy density, long cycle life, high safety performance, product consistency and can adapt to a wide range of working environments.

Our Li-ion battery adopts an intelligent battery management system that can fully control the battery, achieve automatic battery output balance and extend the battery life. Intelligent thermal management circuit design fully safeguards reliable operation at high and low temperatures. With the features of maintenance-free, zero-emission, long life, strong power, the batteries ensure the equipment to work stably in a long term.

products



C. ECO//SUN Home Energy Storage System

ECO//SUN home energy storage battery bank can store electricity efficiently and smoothly for a whole house backup. It reduces your reliance on the grid by storing your solar power for use when the sun isn't shining. You can use it to save money, reduce your carbon footprint, and prepare your home for power outages.

Solar power lithium ion batteries bring much convenience to solar energy storage. They have powerful functions, such as LCD screen displaying and Wi-Fi / GPRS monitoring. And they are compatible with most inverters available in the market.

You can customize the batteries for residential solar storage based on your needs. We offer different energy options for you, such as 5kWh, 20kWh, 50kWh, etc.

ECO//SUN is committed to satisfying your diverse needs.



D. **ECO//SUN Industrial Energy Storage System**

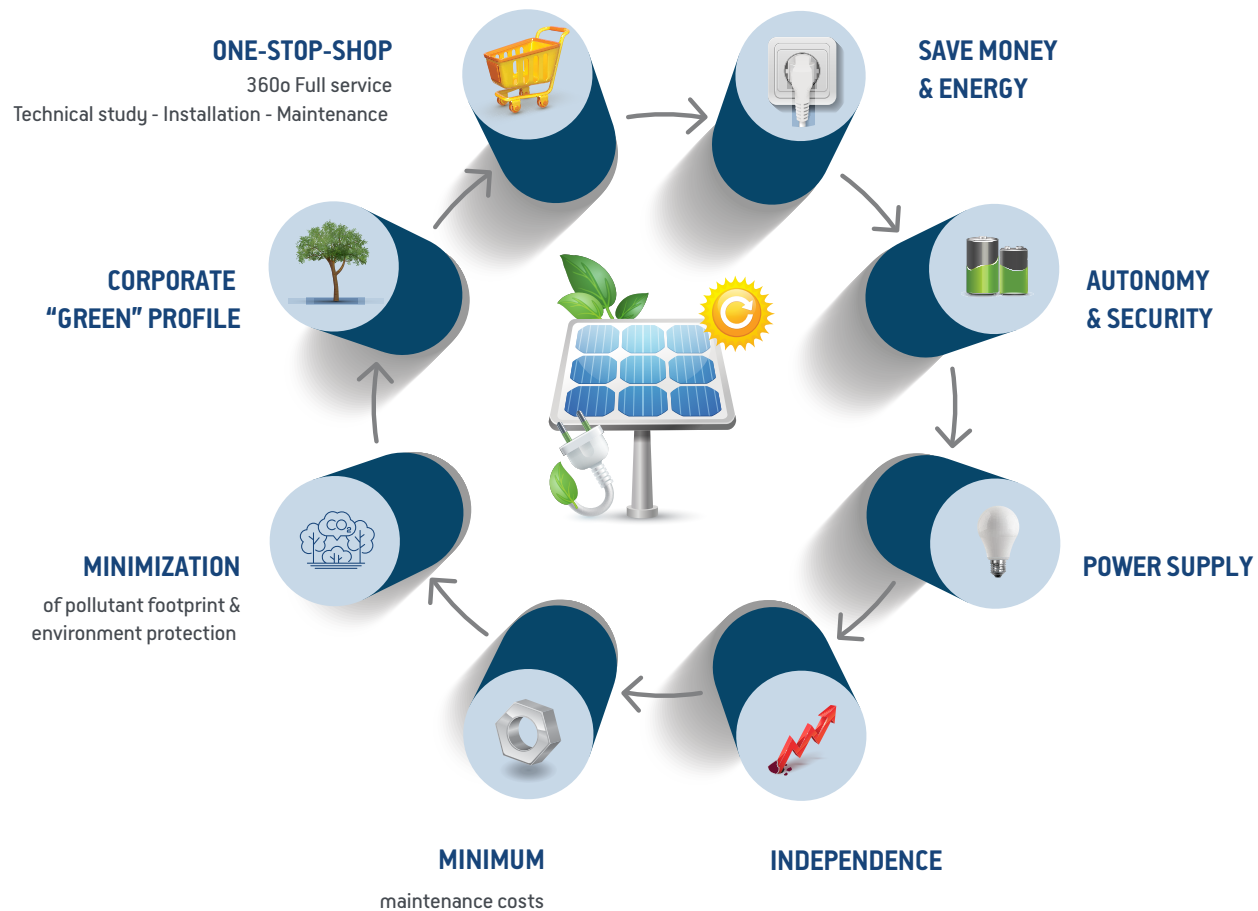
Protect your business from fluctuating energy costs and reduce carbon emissions

Commercial energy battery storage is set to play a major role in the global energy mix in the future and when used in conjunction with renewable technologies such as commercial solar PV (photovoltaic) system, it can help manage and protect your business from fluctuating energy costs and reduce its carbon emissions.

Energy Storage Systems (ESS) is an advanced green technology. The batteries can also work independently of a renewable energy source, by storing cheaper energy from the grid which can then be released and redistributed across a business when it is most needed.

ECO//SUN will work with you to examine your current energy consumption, before creating a strategy that includes system sizing to ensure it will meet the demands of your business.

reasons to invest in SOLAR ENERGY





25.000+
projects

PHOTOVOLTAICS



projects

More than **25.000 completed projects** worldwide since 1996

Photovoltaic Systems in Greece

Reference Projects

Photovoltaic roof, Athens International Airport “Eleftherios Venizelos”
Olympic photovoltaic installation, German School of Athens

Indicative projects in:

Kos, Samos, Florina, Antirrio, Mykonos, Ioannina, Alexandroupoli, Serres,
Karditsa, Larissa, Kavala, Heraklion, Ierapetra, Thessaloniki, Pieria, Filiatra,
Messinia, Veria, Halkidiki, Kilikis



Photovoltaic Systems abroad

Balkans, Mediterranean, N. Africa, Arab countries

Hybrid systems abroad

(photovoltaic & wind turbine)

Sahara Desert, Egypt, Water Desalination System



photovoltaic power stations

Solar Energy Project 80kWp



Solar Energy Project 400kW



photovoltaic power stations

Solar Energy Project 1MWp



Solar Energy Project 1MWp



industrial solar energy projects

Solar Energy Project 160 kW



Solar Energy Project 500kW + 500kW



industrial solar energy projects

Solar Energy Project 500 kWp



industrial solar energy projects

**Athens International Airport
“Eleftherios Venizelos”**



industrial solar energy projects

Solar Energy Project 350 kW



industrial solar energy projects

Technology Museum “Noesis”
Thessaloniki



home projects

Home Net Metering Projects

Since 2008, ECU//SUN was the first to use bifacial technologies in South Eastern Europe



eco  car

electric vehicles



The Future is Electric. Join the Ride!

ELECTRIC VEHICLES

CITY



POCCO



PICK UP



G300



VAN



W300



VICTORY
PICK UP
VAN



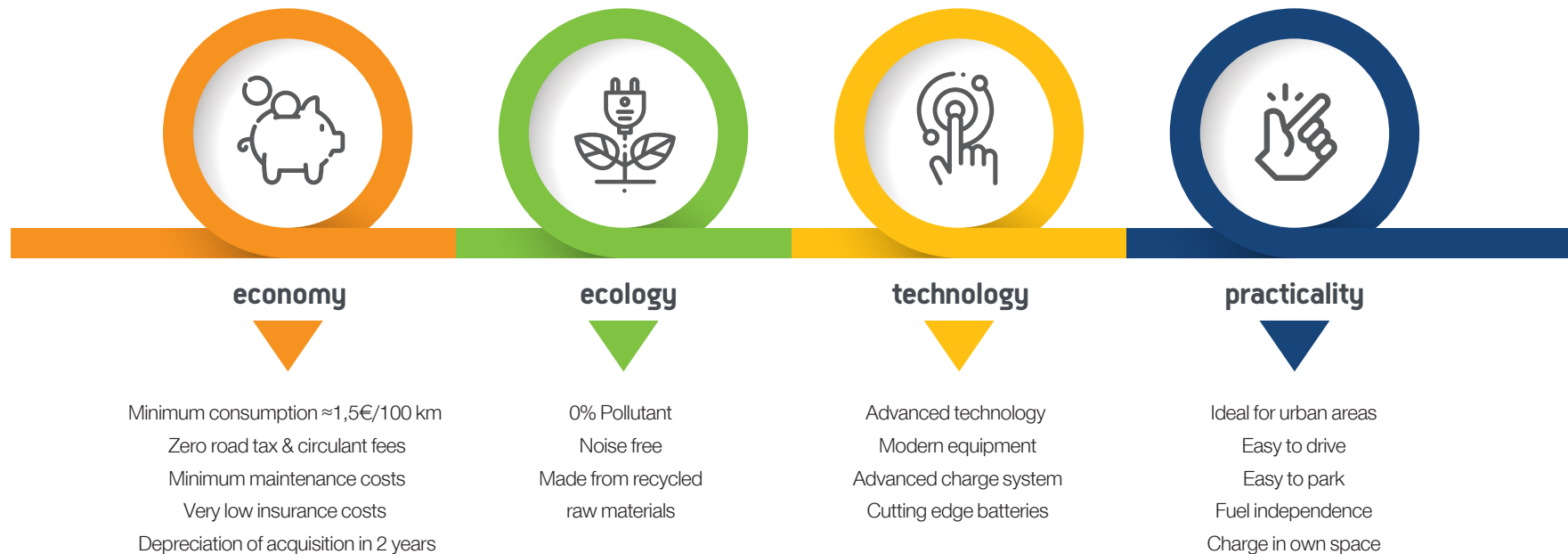
YUDO



More than 2.000 ECOCAR electric vehicles SOLD in Greece & Europe



The smart choice for the environment, for the city, for you!



CITY



choose your color



VAN



PICK UP



choose wisely
freedom future economy ecology

choose your color



eco car
electric vehicles

POCCO



choose your color



G300



choose your color



W300



choose your color



eco car
electric vehicles

VICTORY

VAN



PICK UP




eco car
electric vehicles

Y U D O







The Future is Electric. Join the Ride!

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solar is our future



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