PARAGON
mobility

The Paragon Pod: plug-and-play
charging and energy solutions

→ PRESENTATION

Confidential and proprietary

Our vision ? To act quickly and well

Making sustainable mobility a fact of life by lowering the financial and operational adoption barriers for professionals and institutional users in the transport, logistics, construction and events industries.

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Paragon Mobility
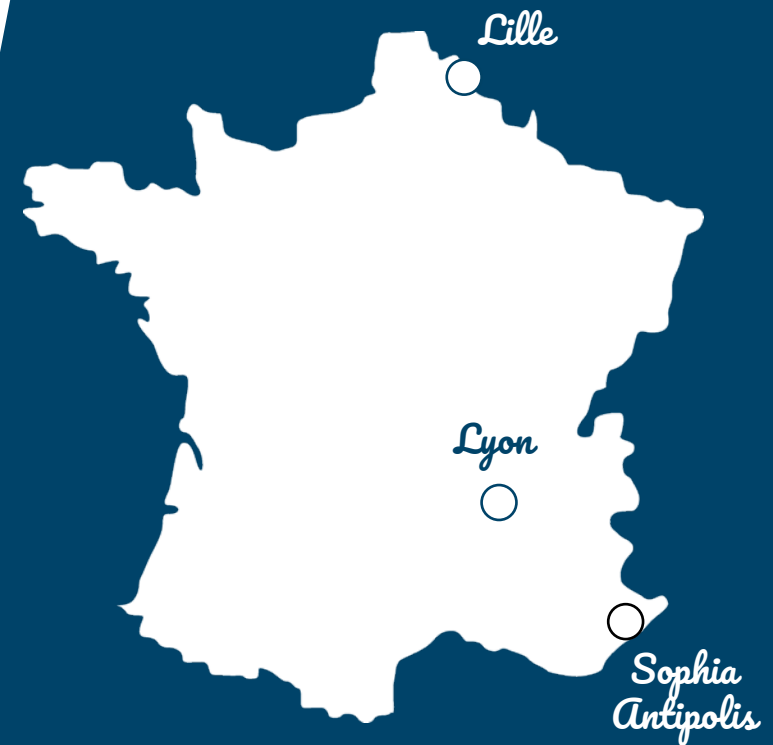## a partner in sustainable energy and mobility

A French company composed of internationally recognised experts in **turnkey energy infrastructure solutions** for sustainable mobility: electric mobility for ground, sea and aerial vehicles, battery storage and energy management optimisation.

We are building an interconnected, efficient system making the energy transition not just a rhetoric but a reality.

→ They **rewarded** us

SR 2022 30 Innovative Brands of the Year

SET100 List
Compiling the 100 Most Promising Global Energy Start-ups of 2022

TechTour
Green Energy 23

PROUDLY SELECTED AMONG EUROPE'S
TOP 50
STARTUPS IN SUSTAINABLE MOBILITY
by European Startup Prize

→ They **trust** us

CIRCUIT PAUL RICARD

ELEKTROPOSTAL

RENAULT TRUCKS

SAP

CIRCUITS AUTOMOBILES

EAT•N

PORSCHE

MÉTROPOLE NICE CÔTE D'AZUR

Vestas

LE VILLAGE by CA PROVENCE CÔTE D'AZUR

Lille

Lyon

Sophia Antipolis

PARAGON mobility

Discover our turnkey solutions

Turnkey ? At Paragon Mobility, it is a simple fact.
We tackle real execution challenges and support you throughout all stages of your project.

Project definition, design & management

Financing

Deployment & start-up

Operation & maintenance supervision

Decommissioning, upgrade or replacement

No hidden costs: all these services are included in a monthly subscription. If your charging needs increase, the subscription is re-evaluated and adjusted accordingly. You do not bear the full investment. We resize the technical infrastructure and the subscription to follow your new needs.

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The Paragon Mobility Pod,
a unique value proposition to our customers

We make the complexe simple

- Turnkey, customised offer and service
- Low upfront investment needed
- Leasing/subscription scheme

Start small and grow in confidence

- Adjust to evolving and growing needs
- Reconfigure: we add ports/power
- Need a bigger Pod ? We swap them

At your service, always

- We maintain
- We manage electricity
- We handle data and cloud services
- We provide other services: emission savings/impact reporting…

Deploying in no time ? No problem

- Quick and easy: without civil work
- Ultra fast deployment: 0-2 months, even for superchargers
- Slow-grid/Off-grid capability, with optional battery/hydrogen storage

The Pod, state-of-the-art charging and energy management technology

- Deployable on a **temporary or permanent** basis

- Equipped with **powerful charging stations** (from 22 kW to 500 kW)

- **Energy storage**
  Link between the future smart grid and renewable energy production

- Optional **solar panels, LED lighting & branding**

- Designed and initialized in the factory for **rapid deployment** on site with **little to no work**

- Modular, movable, **scalable**

- Smooth end-user experience thanks to a **dedicated app**
  Availability of charging ports, queue registration, monitoring of consumption...

- **Environmental attributes**: recycled maritime containers, reusable, repairable, recyclable, second life batteries

- An **industrial design object**: available in different colours, sizes & branding options (upon request)

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Our core product range

PICO POD

- Mobile unit, 1 DC charge point (up to 300 kW)
- Size: 1,50mx1mx2m
- Smart Payment
- Energy management
- Optional solar panels, branding options & lighting
- Enterprise parking

NANO POD

- Mobile unit, up to 2 DC and 4 AC charge points
- Size: 3mx2,5mx2,5m
- Smart Payment
- Energy management
- Battery storage 50 to 250 kWh
- Optional solar panels, branding options & lighting
- Enterprise parking

MINI POD

- Mobile unit, up to 4 DC and 4 AC charge points
- Size: 6mx2,5mx2,5m
- Smart Payment
- Energy management
- Optional battery storage up to 1 MWh
- Optional solar panels, branding options & lighting
- Heavy transport/duty vehicles

POD

- Mobile unit, up to 8 AC and 8 DC charge points
- Size: 12mx2,5mx2,5m
- Smart Payment
- Energy management
- Optional battery storage of 3 MWh
- Optional solar panels, branding options & lighting
- Heavy transport/duty vehicles

STORAGE POD

- Mobile source of energy
- Up to 4 MWh
- Various applications possible: peak shaving, on/off-peak arbitrage, flexibility services, EV charging infrastructure booster, etc

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Service is the heart of what we do
Tempory. Permanent. Fleets. Events.

Light-vehicle fleet charging

Loading fleets of heavy vehicles and vans

Race tracks & Merchant Pod

Temporary deployment: events, seasonal needs, construction sites

Storage Solution

Electric Aviation

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Pod Infrastructure
Solar, Battery and digital services

- Our team has over **60 years** of cumulative experience in **renewable energy projects**, particularly solar, globally

- Nearly **8000MW** of renewable energy projects have been **developed** under their supervision

- Paragon Mobility has several **photovoltaic development projects** under consideration, coupled with charging facilities for electric vehicles

- One more time, we offer a **turnkey service**: we take care of the engineering study, commissioning, operation and maintenance

- We offer our Pods as **mobile power stations with a battery** capacity of up to 4 MWh, available off- or on-grid

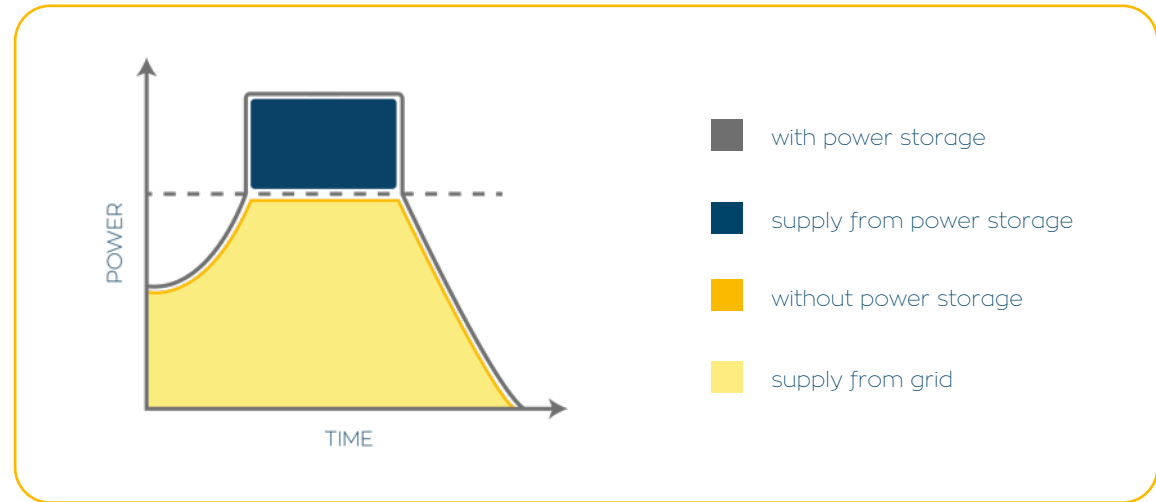- **Digital energy services**: solar site analyses

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Benefits of battery storage

We offer an optional battery storage to complement the Paragon Pod
This additional module offers a number of advantages:

Reduce your energy costs

Energy requirements experience **fluctuations throughout the day**, leading to temporary surges in power demand within the electricity grid and subsequent **rises in energy expenses**. Implementing **a battery storage system** enables cost reduction by capitalizing on **lower-priced charging periods** during low demand and discharging the stored energy during peak demand periods.

- with power storage
- supply from power storage
- without power storage
- supply from grid

Save on grid connection

Powerful **grid connections** are **expensive**. Instead of increasing your fixed costs, you can stay on **lower voltage** and add battery storage to compensate to **optimize total costs.**

Stay operational

The Pod can operate at **full capacity** even when the grid **connexion is insufficient**. By coupling a Pod and a battery storage to a 36 kVA connection, a DC Pod remains operational.

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Our battery storage systems

We offer **two different batteries storage systems** to complement the Paragon Mobility Pod:

#1
INTEGRATED BATTERIES STORAGE SYSTEMS

#2
EXTERNAL & REMOVABLE STORAGE MODULE

ADVANTAGES

- No added module, fully integrated solution
- Several storage racks in a Nano Pod

- Removable, can be mobilized depending on the site specification/client demands
- Modules can be connected to multiply capacity
- Branding possible
- Easy to plug and connect to the Pod
- Decide on it, just when you need it

TECHNICAL SPECIFICATIONS

- Nominal capacity: 50-250kWh
- Nominal power: 40-160 kVA
- Dimensions: integrated into the Pod

- Nominal capacity: 130 kWh
- Nominal power: 75 kVA
- Dimensions: 1,430mmx2,500mmx940mm

Removable storage module

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Some of our references

The **world's leading wind turbine manufacturer** uses Paragon Mobility charging solutions to **electrify its fleet** of wind turbine maintenance vehicles on a long-term basis, valuing flexibility and turnkey service

Paragon Mobility selected as a service provider to the ultra trail running race **Ultra Trail du Mont Blanc 2021**. We provided a charging service to a **fleet of 25 electric vehicles** using our transportable Nano Pod supercharger allowing the event to save 1,5 tonnes of CO_2 emissions

Prestigious French racetracks have chosen a Paragon Mobility **Nano Pod supercharger** to support the EV introduction and press events of **major car manufacturers such as BMW, Porsche, Audi, Ford**….

Pod deployed in the **mountain resort** Auron, to offer a charging solution to people visiting the village during the spring and summer times. **Network constraints** and **seasonal needs** are the biggest challenges of the region

1st Electric Aviation Raid in the footsteps of **airmail pioneers** St Exupéry uses the transportable and battery-storage equipped **Nano Pod** charging solution for its second edition between Switzerland and the French Riviera

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We explain our concept to you in this video

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