





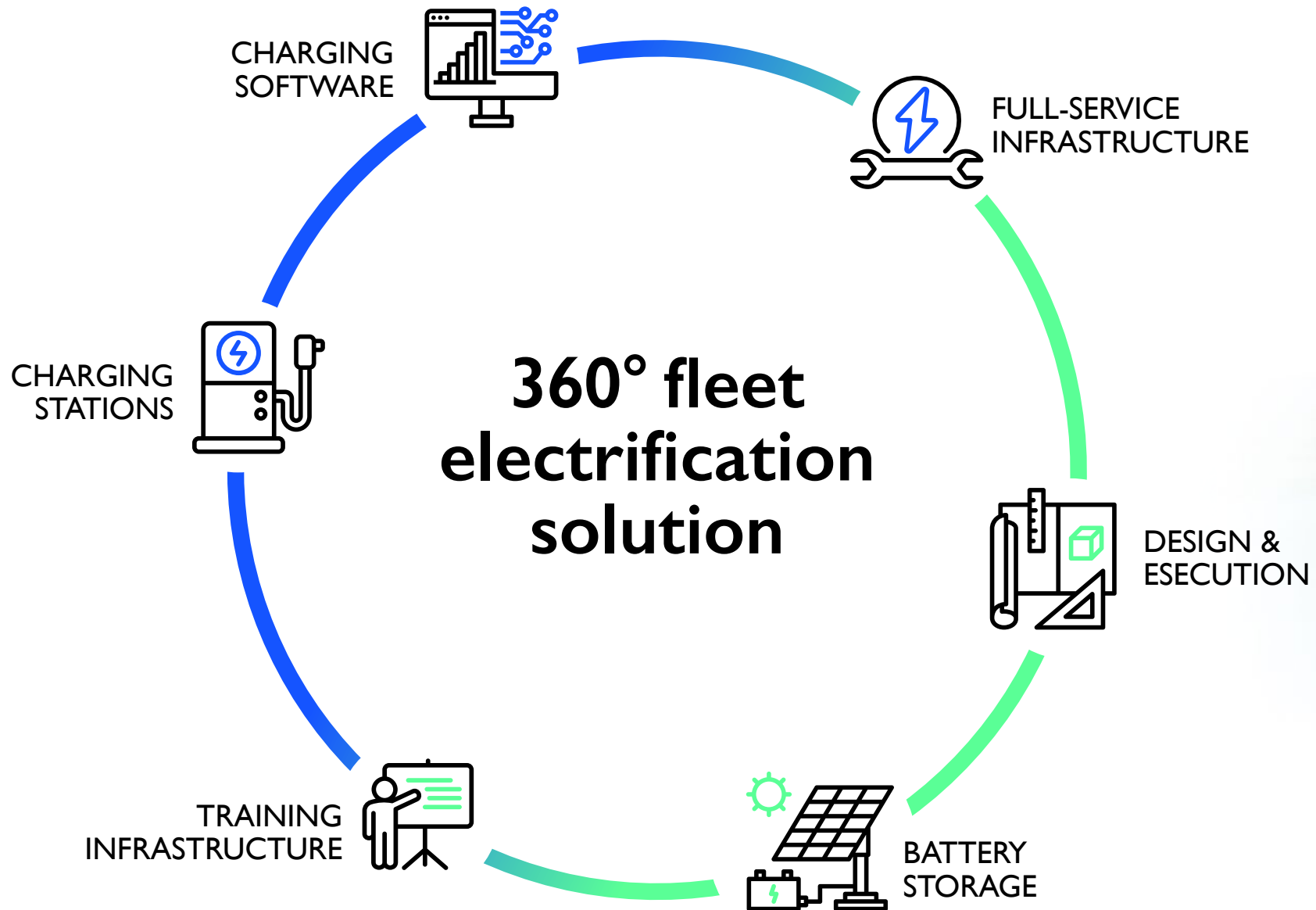


IVECO BUS

Energy Mobility Solutions (EMS)

Energy Mobility Solution is a new dedicated team created to support IVECO BUS customers in **transitioning their fleet to full electric** with a **comprehensive solution**.

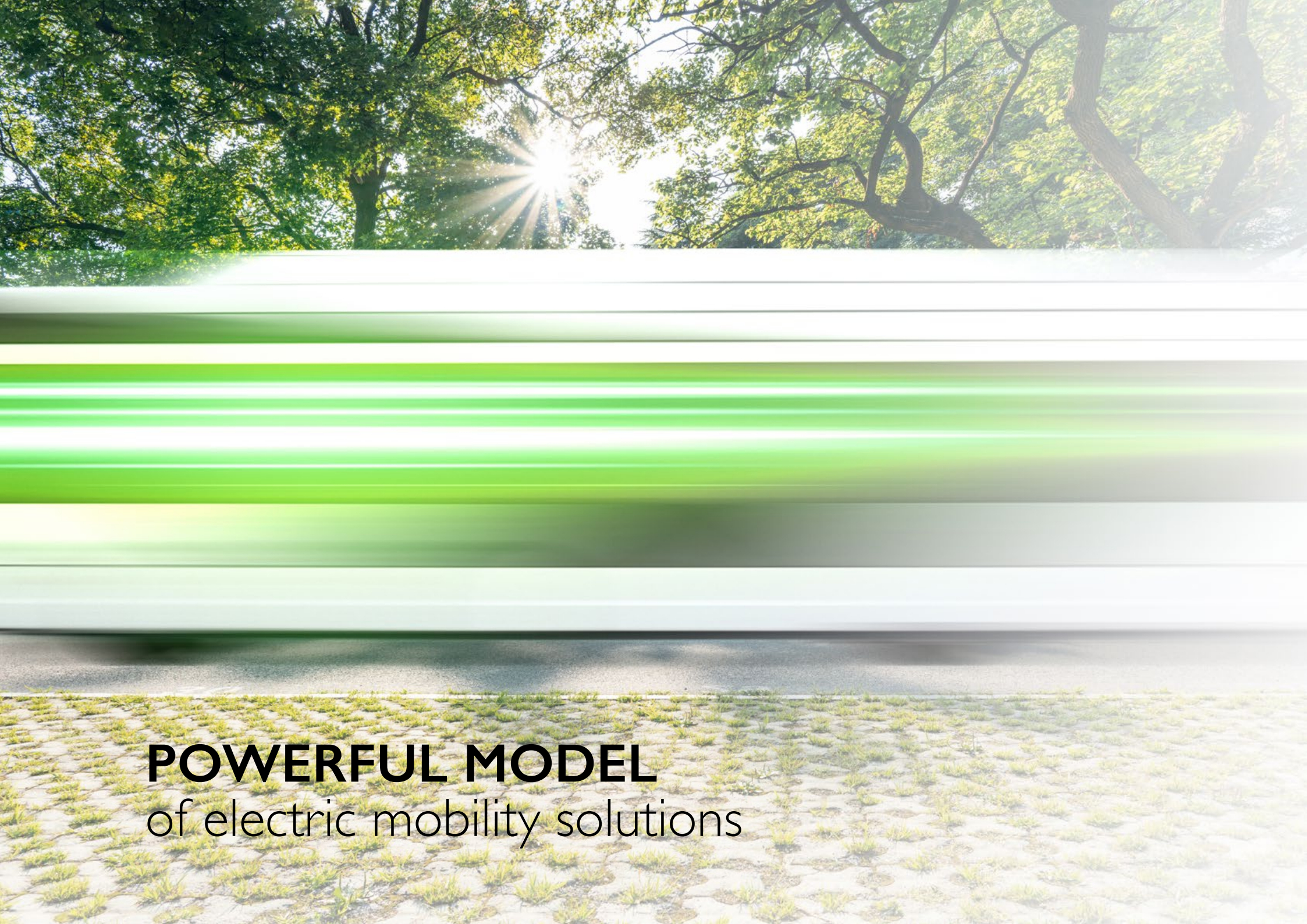
Through this offer, IVECO BUS aims to provide the **best user experience** of its **zero-emission** vehicles. With this step, the brand extends its offer to transport operators **beyond the supply of electric vehicles** to provide a comprehensive solution with **expert advice**, vehicle and facilities design, and advanced services.



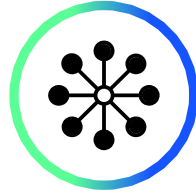
ONE GOAL

facilitate the energy transition
in public transport



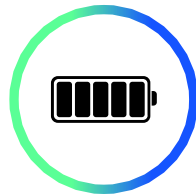


POWERFUL MODEL
of electric mobility solutions



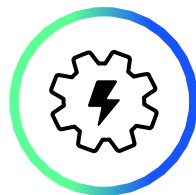
Complexity Management

Designing and operating a zero emissions bus depot requires a higher level of complexity. EMS aims to offer a **single point of contact** to develop your solution both in electric and hydrogen.



Fleet Uptime

We have the same interest as yours at heart: the vehicles need to be ready to perform service. We take care of it, managing the charging infrastructure and the vehicles so that they are **100% ready every day**.



Energy Optimization

We have always been at your side to optimize vehicle consumption. Now we want to help you **optimize the energy consumption** of the entire ecosystem, both the bus and the infrastructure.

WE BUILD A PROJECT STARTING FROM YOUR NEEDS

CAPEX Optimization

We find the best technological solution compatible with budget and operational objectives.

Custom Solutions

Starting from the structural and energy limits of the depot, we offer tailor-made configurations: management of the charging cable from above, optimal layout of columns, integration with Battery Energy Storage (BESS).

OPEX Optimization

Based on the operating period and size of the fleet, we optimize operating costs and overall energy use through hardware, software and financial solutions.

Mobile Assets

We offer low and high power mobile solutions that can be disassembled and moved to another site, reducing the investment risk.



WE GIVE YOU THE TOOLS TO MONITOR AND MANAGE THE NEW ASSETS

Charging infrastructure monitoring

Basic package to monitor charger status, vehicle battery SOC and charging sessions in real time. It is possible to access the charger history and receive alerts in case of errors. In the advanced version, it is possible to customize the dashboard with the real layout of the depot.



**KNOW THE STATUS
OF YOUR CHARGERS
IN REAL TIME**

Smart Charging

Solution that allows you to plan charging and impose power limits on groups of chargers with peak power reduction logics. The dynamic option allows you to automatically modulate the power based on the number of connected buses, their respective SOC and the available power.



**DISTRIBUTE THE POWER
TO NOT TO EXCEED THE
LIMITS OF THE DEPOT**

Integrated energy management on site

Hardware and software solutions to manage site energy consumption from an ecosystem perspective, integrating assets such as storage systems and photovoltaic panels. For an economic gain, it is possible to include dynamic planning logics based on the energy price and V2G (vehicle to grid) logics.



**OPTIMIZE OPEX BY
INTEGRATING ENERGY
MANAGEMENT ON SITE**



EASE THE ENERGY TRANSITION