

A close-up photograph of a person's hands inserting a black charging cable into the charging port of a light-colored electric vehicle. The background is blurred, showing parts of the car's body and a person wearing a yellow safety vest. The text is overlaid in a bright green color.

Ολοκληρωμένη εμπειρία φόρτισης
παντού

Life Is On

Schneider
Electric

Speaker's Biography



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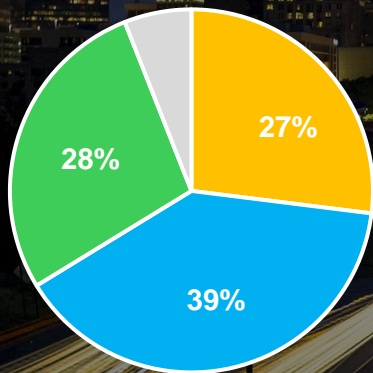
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eMobility Trends

Global trends in the transition to electric transportation

Transportation = 27% of global GHG emissions

GHG emissions by sector (2019)



■ Transportation ■ Industry ■ Buildings ■ Others

Source: [Greenhouse Gas Emissions from Energy: Overview](#) IEA

To reduce emissions and lower operating costs, the transportation sector is quickly **electrifying**.

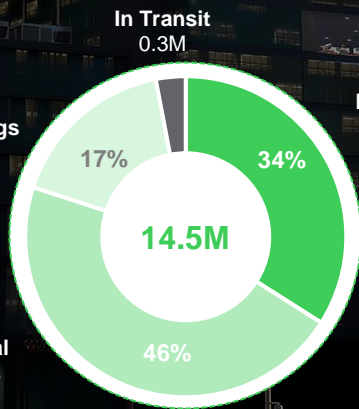
Electricity is forecasted to grow from **less than 3% to 49%** of the transportation energy mix by 2050.

Source: BNEF, NEO 2021

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Homes & buildings at the center of the charging ecosystem



2030 Global # Chargers

~ **98%** of EV chargers will be installed in buildings & homes

Building owners need to prepare the infrastructure for an increase of

up to **45%** electricity consumption

Sources: Delta EE, Schneider Electric Internal Study

EcoStruxure for eMobility

Complete Solutions for transportation electrification





MAIN FEATURES

RELIABLE

SAFE COMPLIANT

FLEXIBLE

CONNECTED

USER-FRIENDLY

SUSTAINABLE



From 7 to 22 kW

Mode 2 & Mode 3
Charging





MAIN FEATURES

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SUSTAINABLE



Advanced connectivity and interoperability

- Compliant with strict standards including the latest IEC 61851 Edition 3



100% Factory tested



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Reinforced safety thanks to embedded protection

- Compliant with standards and assembly tested in factory
- RDC-DD 6mA + RCD Type Asi or RCD Type B-EV to reduce nuisance tripping in case of DC leakage
- Under voltage tripping auxiliary (iMNx) to cut power in case of damaged contactor - Compliant with EV ready standard





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SUSTAINABLE

Attached cable T2



T2S socket



T2S & domestic socket



Scalable, interoperable, modular and customizable look & feel

- T2 socket with shutters for the highest safety, or attached T2 cable
- Floor standing or wall mounted installation
- Multiple possible combinations in metal enclosure
- MID Power Meter – Embedded or External



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SUSTAINABLE



Advanced connectivity and interoperability

- OCPP 1.6 Json Smart Charging
- Upgradeable to OCPP 2.0.1
- Tested with 3rd Party CPOs
- Future proof for Plug and Charge and Smart Charging as per ISO 15118



PART 2 New EVlink Pro AC Charger



MAIN FEATURES

RELIABLE

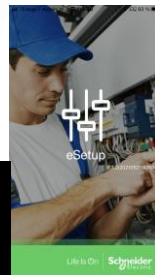
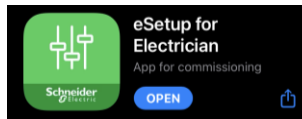
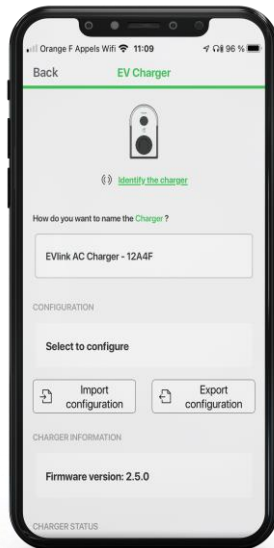
SAFE COMPLIANT

FLEXIBLE

CONNECTED

USER-FRIENDLY

SUSTAINABLE



**Simple and intuitive
to install, commission, use,
operate and maintain**

- Shorter installation time with embedded protections and metering
- Intuitive Commissioning via Bluetooth with eSetup app or directly through EcoStruxure EV Charging Expert
- eSetup charge data and maintenance reports



MAIN FEATURES

RELIABLE

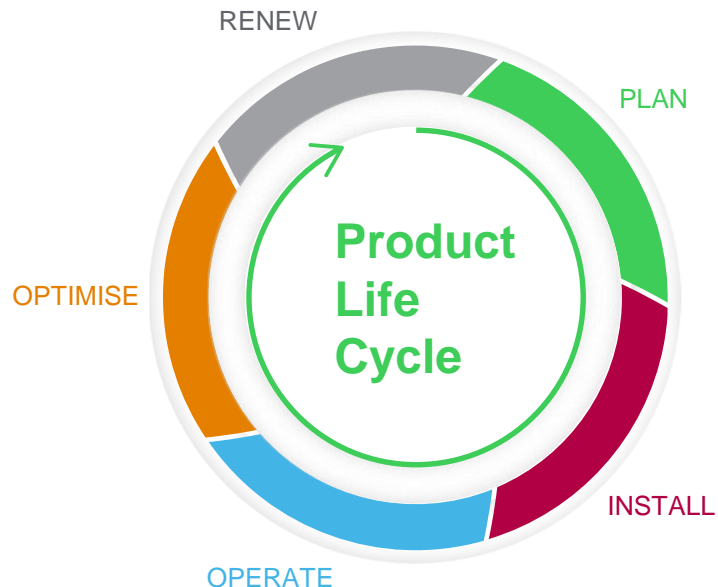
SAFE COMPLIANT

FLEXIBLE

CONNECTED

USER-FRIENDLY

SUSTAINABLE



Sustainable product with a sustainable design

- Green Premium certification providing ReaCH, ROHS, End of Life, Product Environmental Profile
- Easy repair with spare parts





— — — — EV Charging Expert – Management System

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EcoStruxure EV Charging Expert



EV charger load management



Access control



Remote control



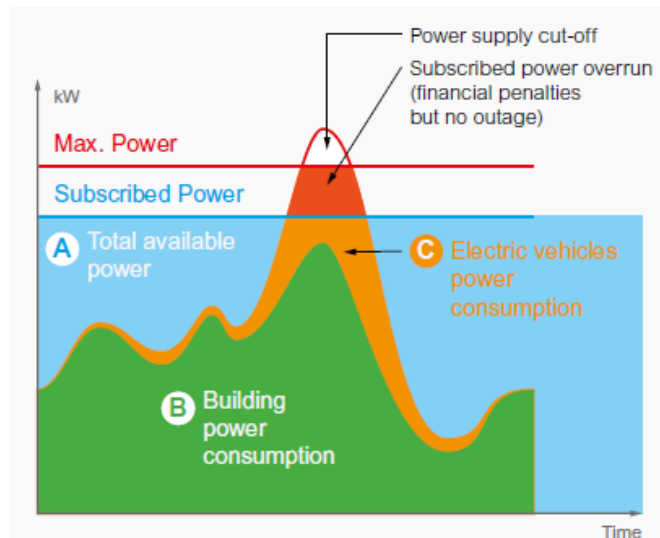
Data aggregation and visualization



User friendly

The problem

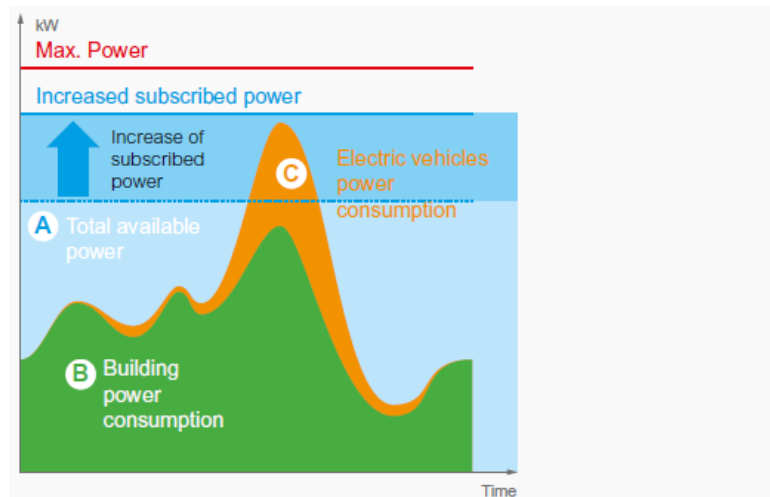
Initial situation



The installation of charging stations in an existing electrical installation can have a significant impact due to the power level required by electric vehicles to charge.

Solution **without** energy management

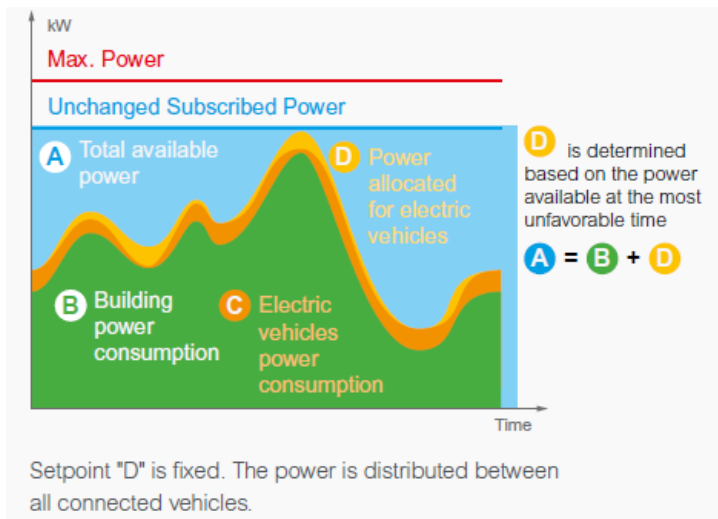
Increase of subscribed power -



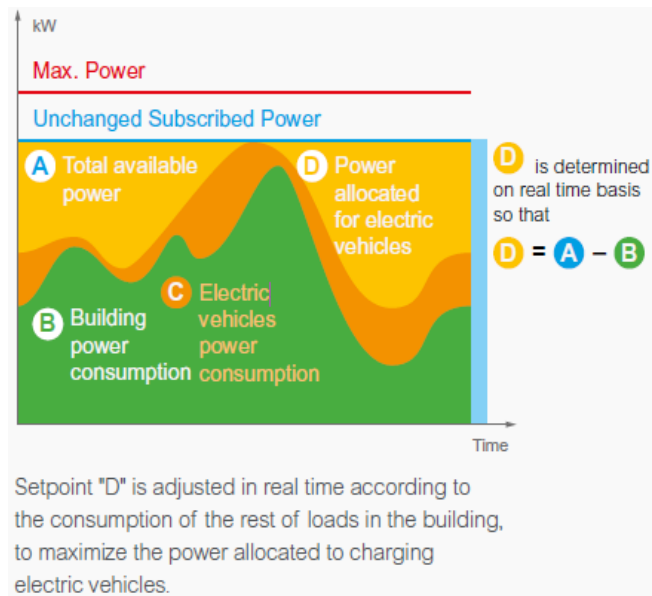
This solution consists of increasing the power subscribed to the energy supplier to maintain the same consumption model. It implies an increase in the cost of the subscription and does not guarantee that the trigger threshold will never be exceeded. Thus the continuity of service of the building is not guaranteed.

How to optimize the impact of consumption of EV charging infrastructure on an electrical installation

Static energy management



Dynamic Energy Management



For up to 1000 charging stations per site

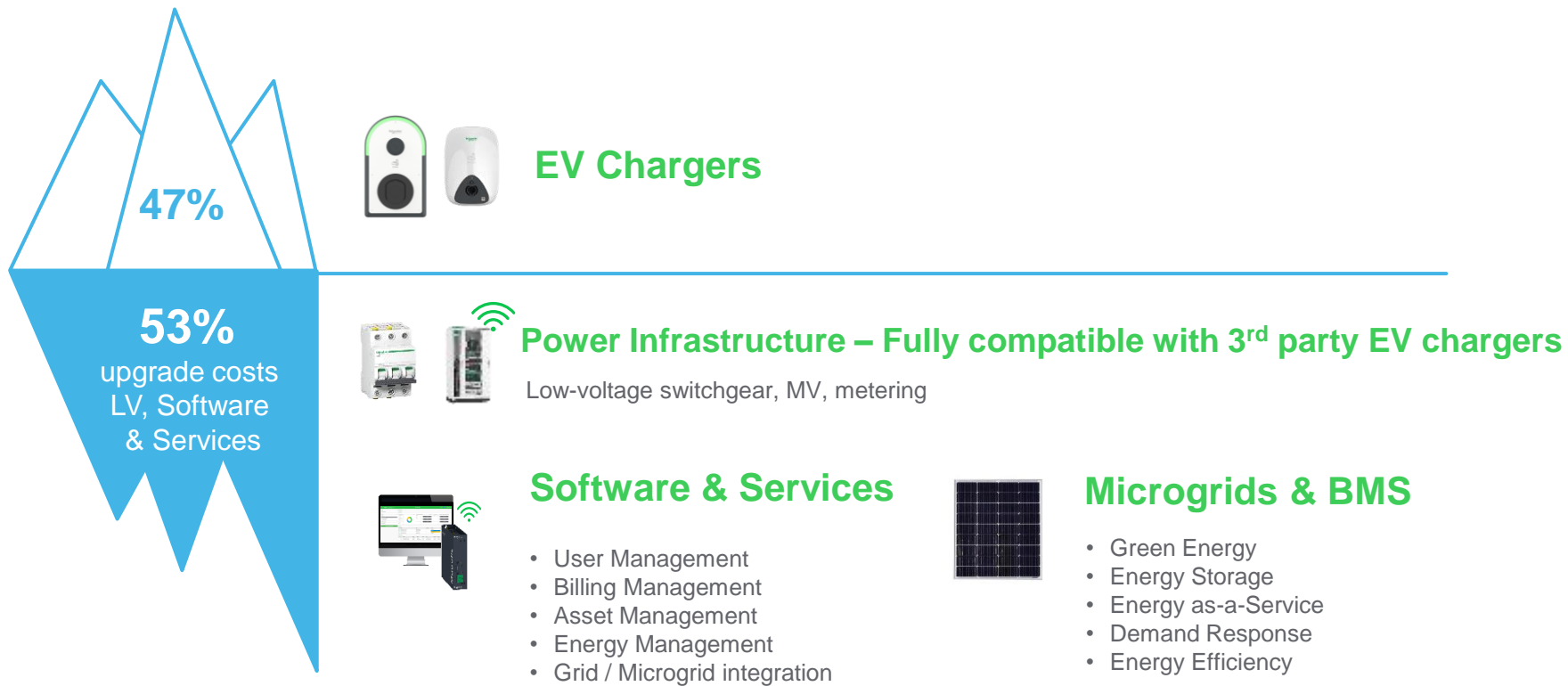


Full eMobility offer

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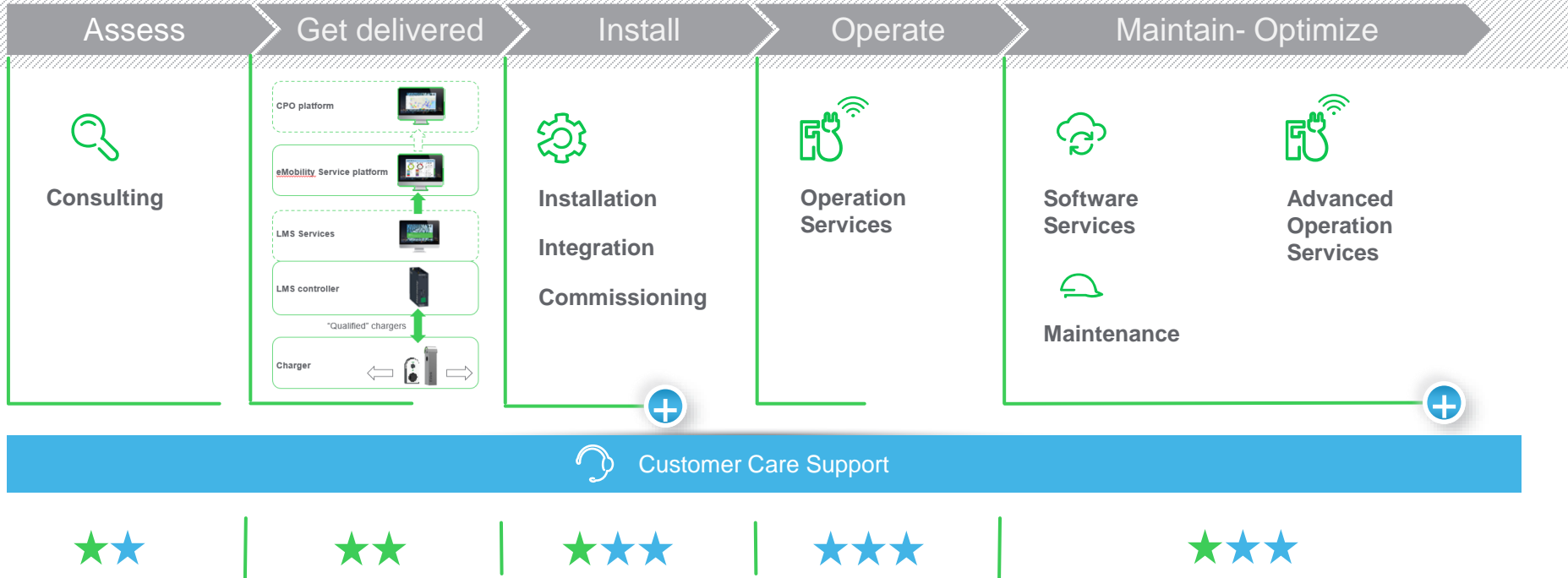
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Beyond chargers: Full energy management solution



PART 3 Designing a complete service offer

Our comprehensive services cover the entire asset lifecycle of your charging station infrastructure, helping you improve productivity while reducing downtime and costs



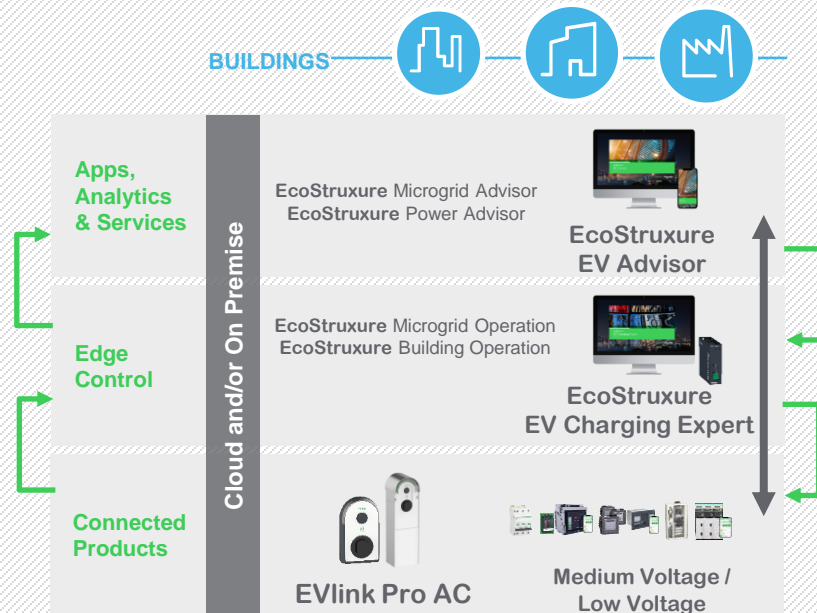
★ Schneider led ★ Partner led



EVlink Pro AC charger is



The core of the **end-to-end solution EcoStruxure eMobility** for buildings



Highly reliable smart charging station for increased efficiency and durability

RELIABLE

SAFE COMPLIANT

FLEXIBLE

CONNECTED

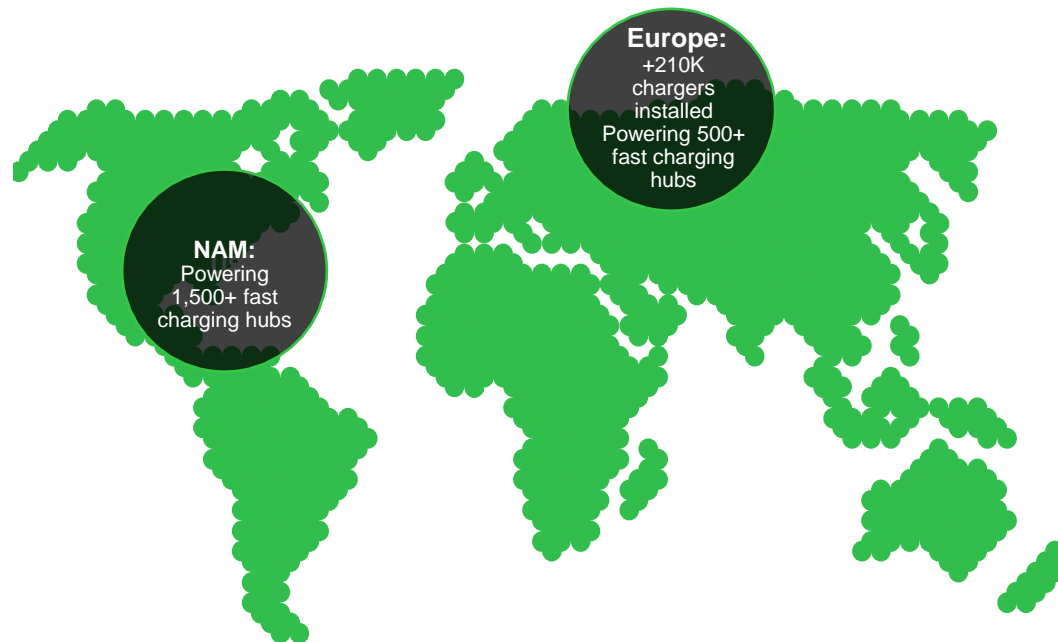
USER-FRIENDLY

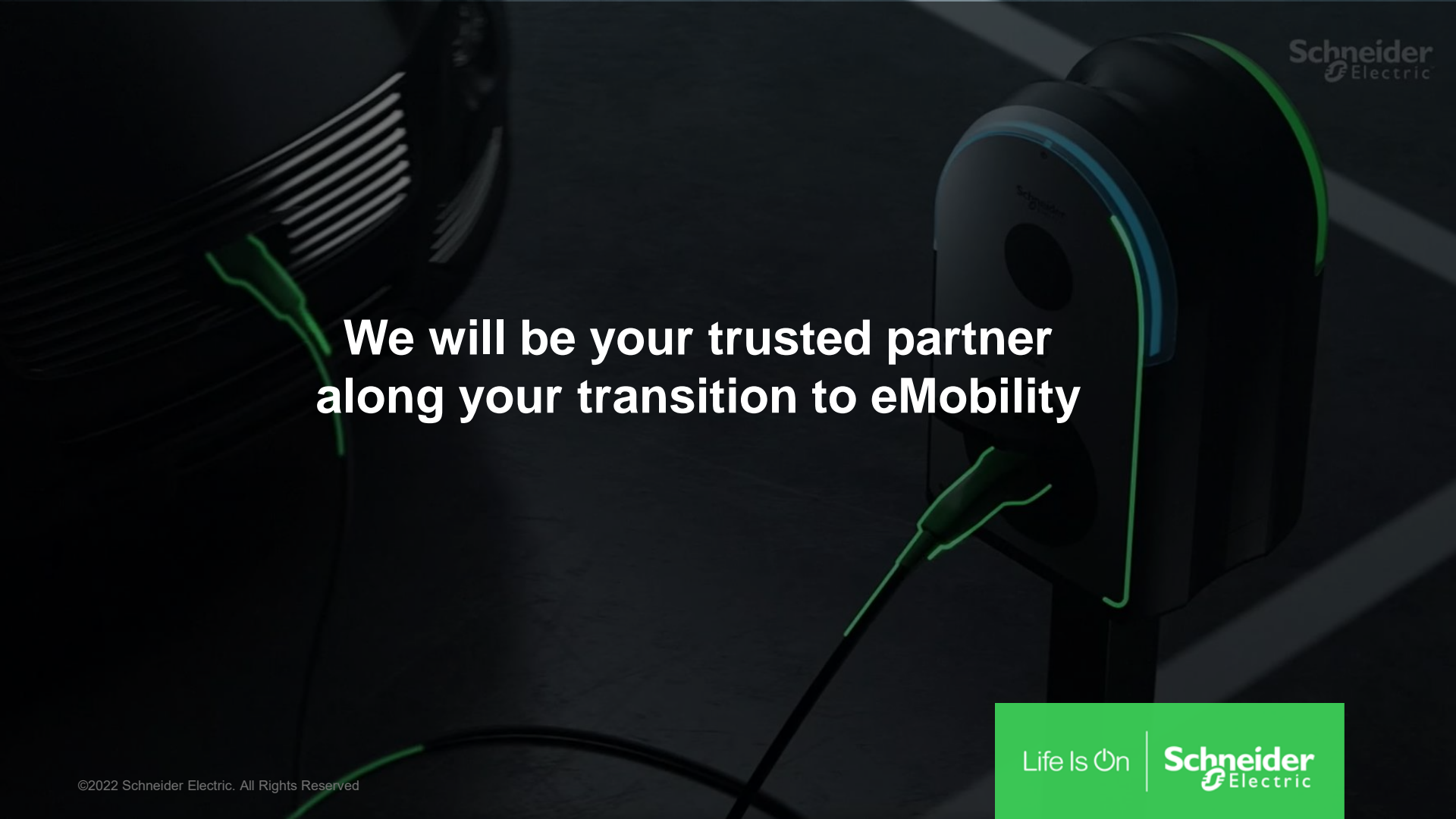
SUSTAINABLE

Global partner for the EV transition

Key figures for 2022

210K	chargers installed in EU
28K	chargers connected to EcoStruxure EV Charging Expert (Load Management System)
2,000	fast charging hubs powered worldwide
50	countries
13	years in the market





**We will be your trusted partner
along your transition to eMobility**

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