Investor Presentation

September 2024

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This presentation includes forecasts, estimates, assessments, and other information pertaining to future events and/or matters, whose materialization is uncertain and beyond the Company’s control, and which constitute forward-looking information, as defined in the Securities Law, 5728-1968. Such information may not materialize, in whole or in part, or may materialize in a manner significantly different from such forecasts. Forward-looking information is based solely on the Company’s subjective assessment, based on facts and data regarding the current condition of the Company’s business and macroeconomic facts and figures, all as known to the Company at the time of preparation of this presentation.

The forward-looking information in this presentation, particularly information regarding revenue projections, sales expectations, and forecasts concerning the development of the electric vehicle market, may be influenced, among other things, by risk factors detailed in Section 31 of the Company’s 2023 annual report. The financial data presented in this presentation that constitutes forward-looking information has not been reviewed or audited. Additionally, the presentation includes key performance indicators (KPIs) that have not been examined by the Company’s auditors, and the methodology for their calculation is detailed at the end of this presentation.

The materialization or non-materialization of the forward-looking information will be affected, inter alia, by risk factors characteristic of the Company’s activity, as well as by developments in the general environment, in market conditions, and in external factors affecting the Company’s activity, including technological changes, changes in binding regulation, changes in standards, lack of funding sources, changes in competition, decrease of demand for the Company's products and their prices, failure to obtain required approvals, and other such events which cannot be estimated in advance and which are beyond the Company’s control. The Company does not undertake to update and/or change any such forecast and/or assessment to reflect events and/or circumstances postdating this presentation.

This presentation includes information that is based on external sources and studies, which have not been independently reviewed by the Company. This information shall consist of general and non-binding information. The Company's management relies on external publications as part of the Company's day-to-day management and/or setting its goals and strategy.

All numbers and figures in this presentation are approximate.

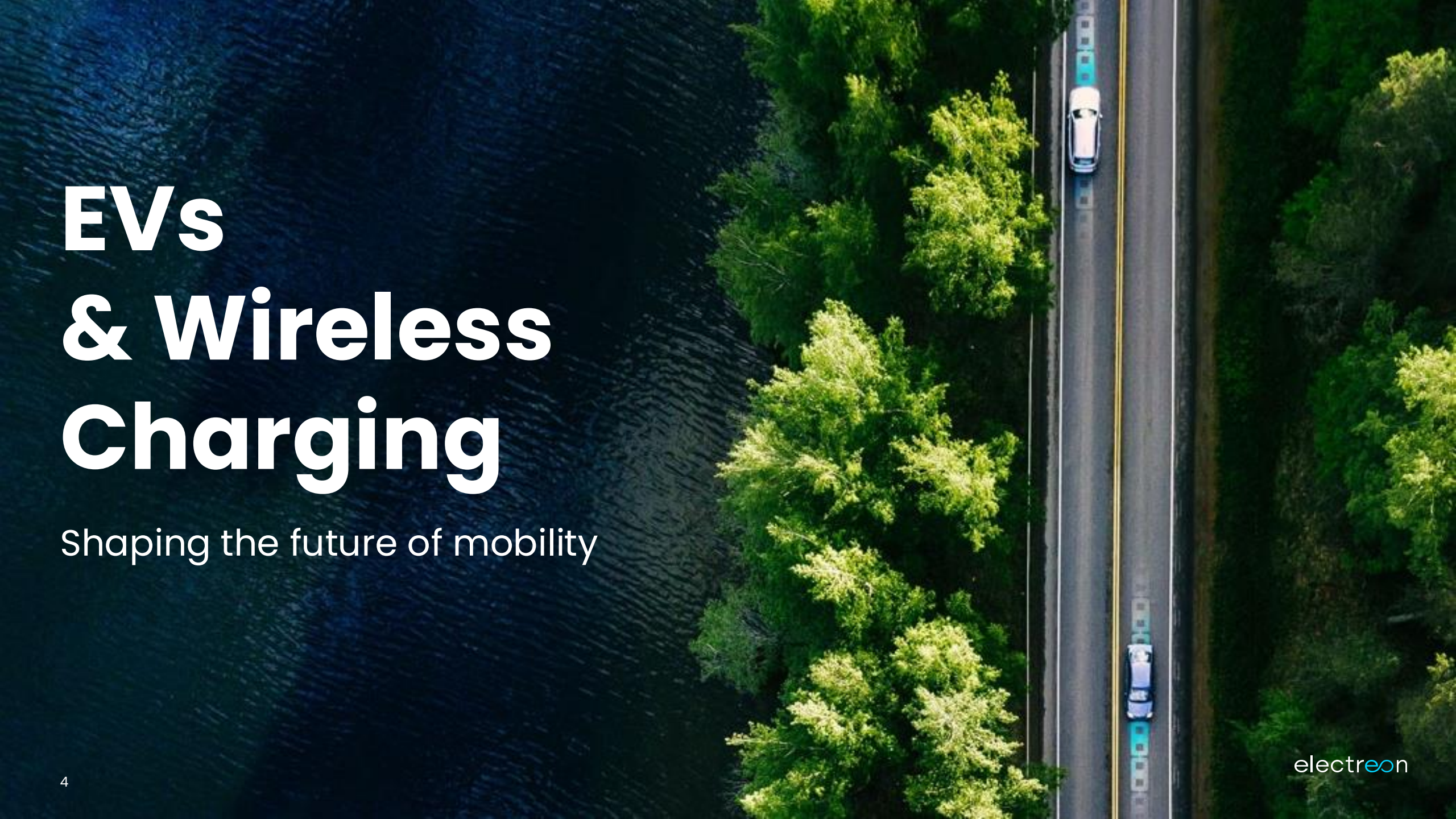
Anyone reading the presentation must read it in conjunction with the annual report of the Company for 2023, which was published on March 28, 2024 (reference number: 2024-01-033534) and the current reports and presentations released thereby, as reported to the ISA via the Magna distribution site.

Agenda

01 **EVs & wireless charging**
Shaping the future of mobility

02 **Electreon in action**
Projects & technological impact

03 **Financial overview**
Leveraging technology for sustainable growth
Revenue prediction for 2025



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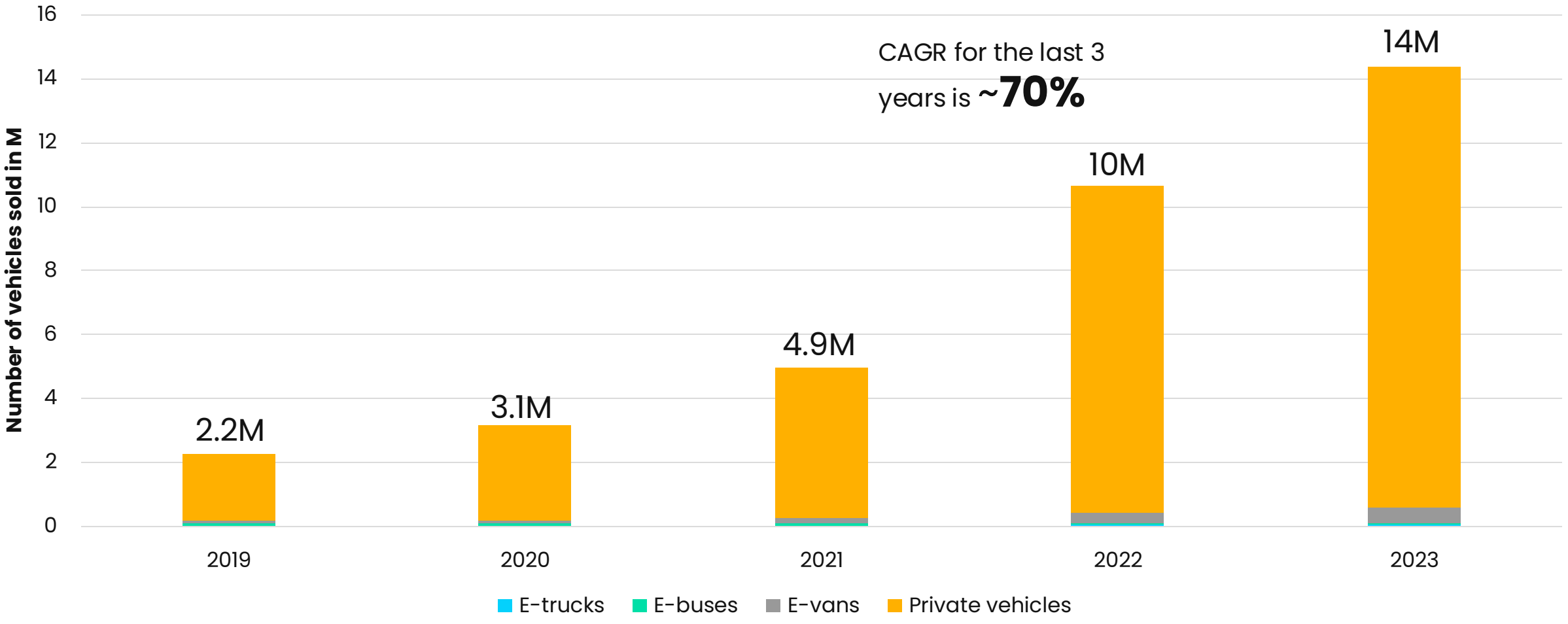
The global shift to electric vehicles

The only sustainable path forward



*Sources are linked at the end of the presentation

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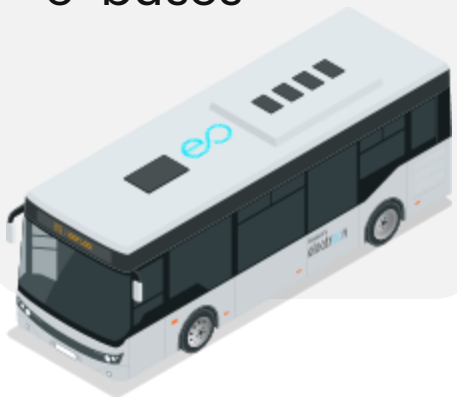
Total Addressable Market for wireless charging by 2030

The EV market is growing exponentially – estimations of vehicles on the road by 2030

Delivery fleets
$208B
13M
e-vehicles

Taxi fleets
$100B
12M
e-taxis

Bus fleets
$109B
2.8M
e-buses



Private vehicles
$343B
224M

ERS services and maintenance **$21.8B**

*Sources are linked at the end of the presentation
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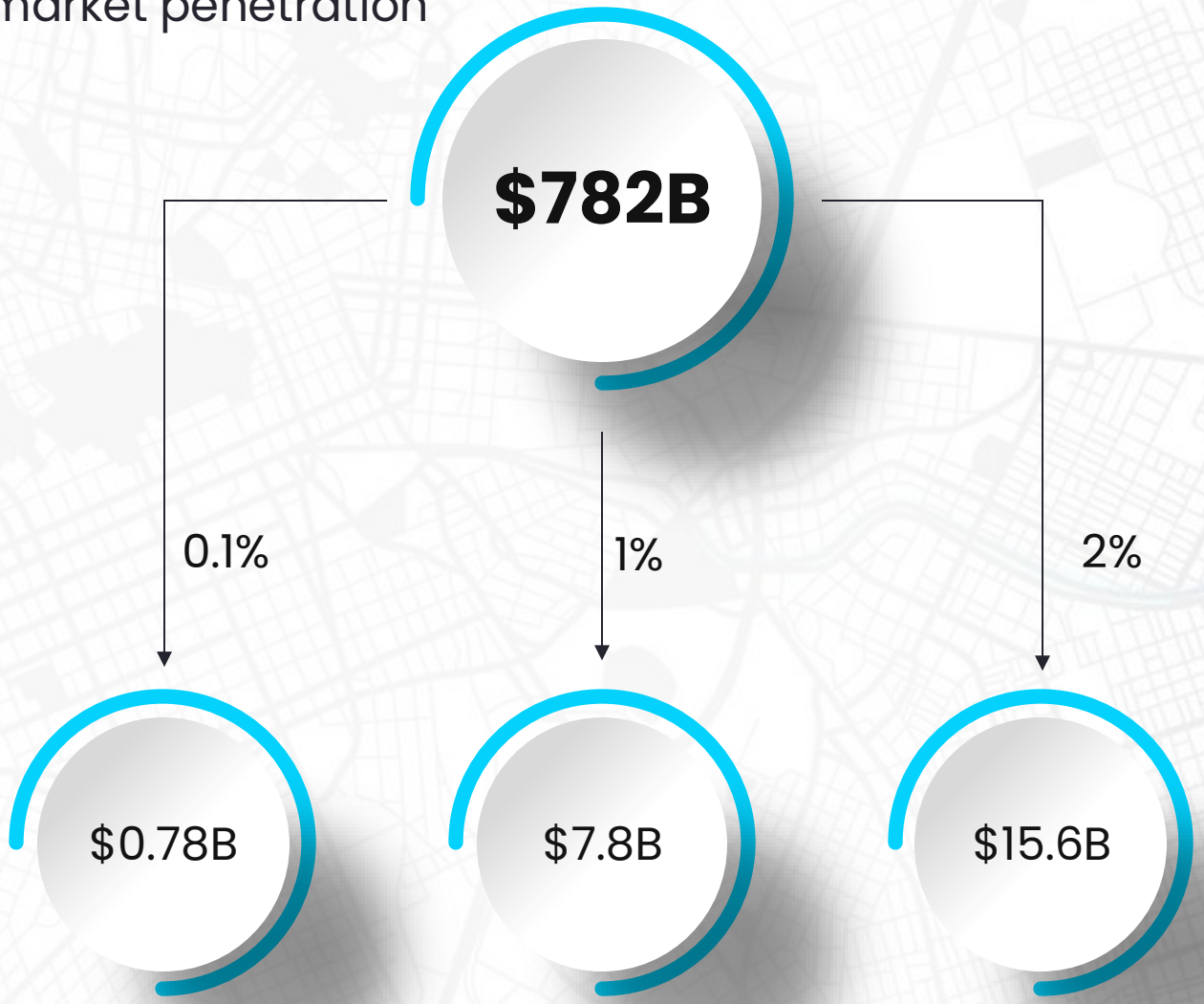
Electreon potential

Based on Electreon's market penetration



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The future of mobility is wireless

- Flexibility and convenience
- Scalable and future ready
- Reduces infrastructure footprint
- Enhances safety
- Reduces battery size
- Eco-friendly

> Wireless charging offers hope for mass electric vehicle use
>
> FINANCIAL TIMES

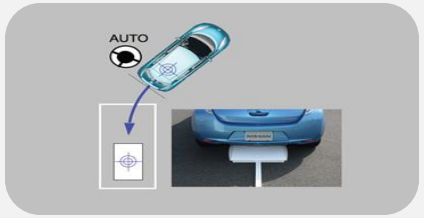
> Disruptive technologies you might not see coming – Electric vehicle charging goes wireless
>
> Gartner

> Wireless charging: Hands-free technology offers a leap forward for e-Mobility
>
> Forbes

 *Sources are linked at the end of the presentation

You cannot call a car 'autonomous' if it cannot fuel/recharge itself

Mercedes-Benz



Nissan

Mercedes Benz

Tesla

Volvo

BMW

Hyundai

*Sources are linked at the end of the presentation

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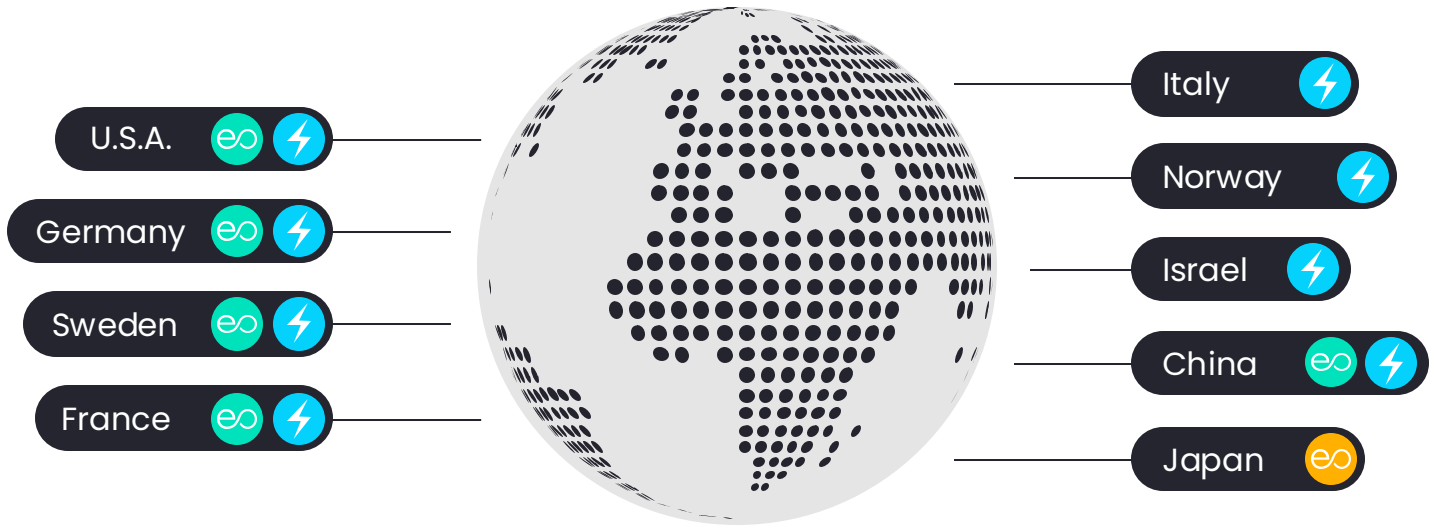
Electreon – World leading Pioneer of Wireless EV Charging



Projects Subsidiary In establishment

2013
Founded

TIME
2021
One of the best inventions of the year

32+
Patents*

16
Automotive partners

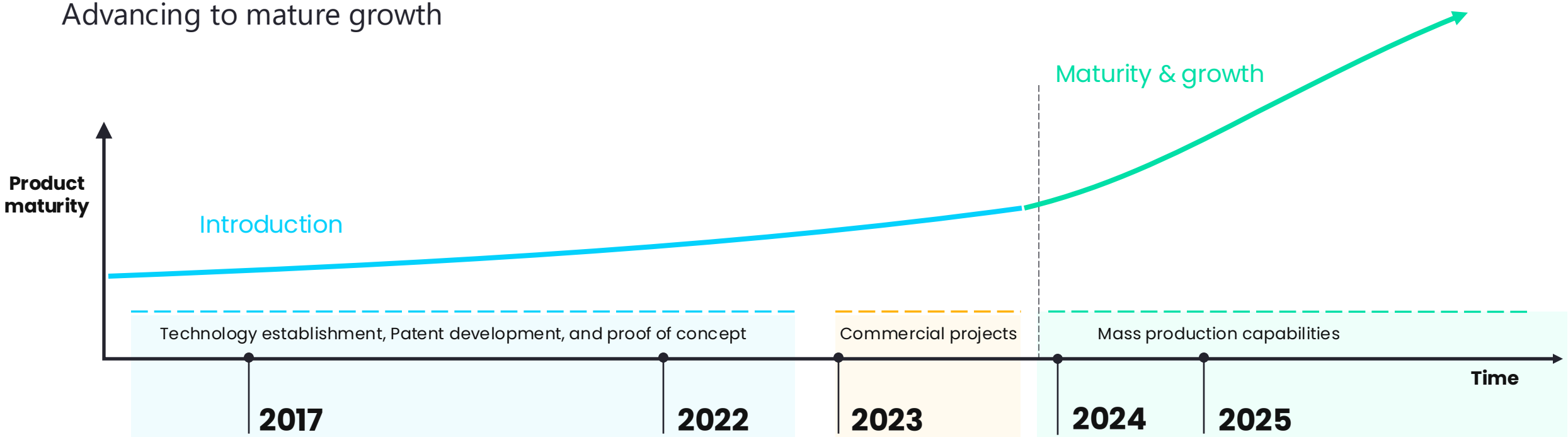
135
Employees globally

20+
Global projects

*Registered and Pending

Established and Proven

Advancing to mature growth



JDA with TOYOTA and DENSO

UPS last mile U.S.

Wireless road ,
DENSO's HQ, Japan

BRT projects Norway

A10, Paris

Utah Inland Port

1-9-2024

Investment from one of the world's largest car manufacturers

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The information related to the potential future growth, as od the date of this report, presents a possible and non-binding scenario. As such, it includes, among other things, forward-looking information, as defined in the Securities Law, which is based on the company's management estimates made using the information and data available to management at the time of the report.

Partnership with **TOYOTA & DENSO**

01 **Joint development** of an aftermarket wireless kit for current EVs in the market

02 **Development of built-in wireless charging** embedded in new EVs as part of the production process

03 **Promote projects** in Japan, the USA and/or Europe

04 **Collaboration** to shape the standardization of wireless EV charging

Electreon's International OEM collaborations

Passenger Vehicles

- **Stellantis** Netherlands
- **Toyota** Japan
- **Hyundai** South Korea
- **Ford** U.S.A
- **Volkswagen** Germany

Fleets

- **UES** U.S.A.
- **XOS** U.S.A.
- **Stellantis** Netherlands
- **IVECO** Italy
- **Maxus** China

Busses

- **IVECO** Italy
- **Yutong** China
- **Higer** China
- **Zhongtong** China
- **Sunwin** China
- **Ankai** China

Trucks

- **Kenworth** U.S.A.
- **GINAF** Netherlands
- **Dongfeng** China

Additional Automotive Partner

- **DENSO** Japan Market Incumbent

About the strategic investment

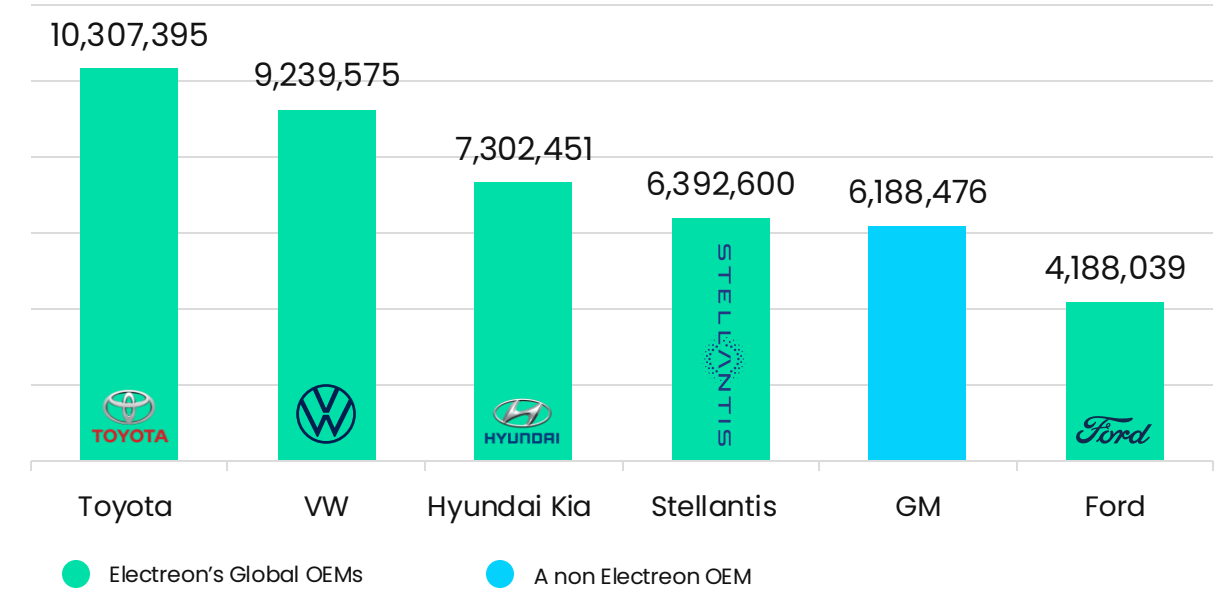
September 2024

50 million ILS investment

75 million new vehicles in 2023*

One of the world's leading automaker

Indication for market potential - Leading 6 automakers' vehicle sales in 2023**



- **Wireless technology recognition**
- **Electreon the leader**
- **Commercial-ready**
- **Accelerate penetration into new markets**

*Sources are linked at the end of the presentation

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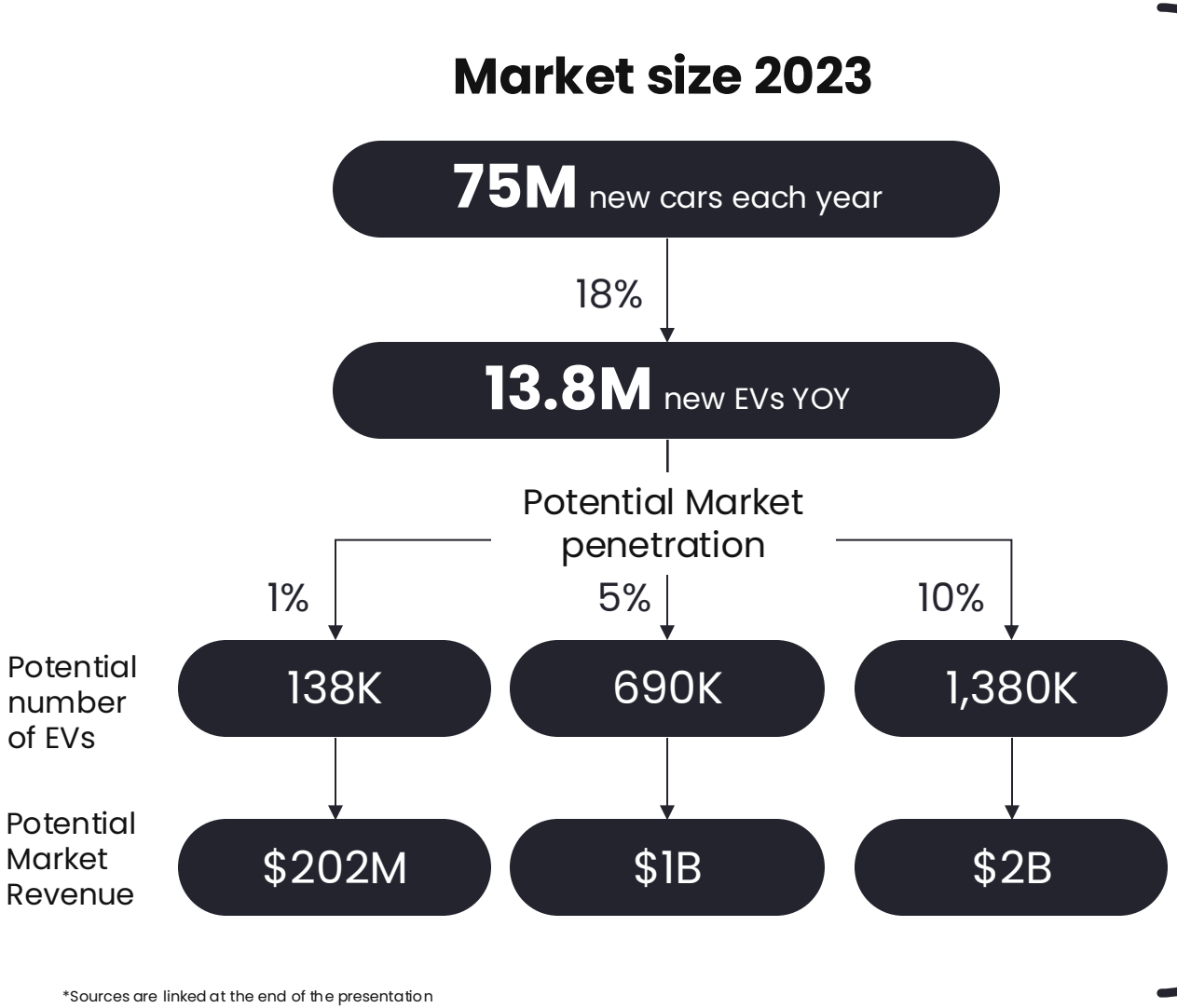
Potential market for B2C



Collaboration for success

DENSO

TIER 1 OEM in the automotive industry

OEM

- **Stellantis** Netherlands
- **Hyundai** South Korea
- **Toyota** Japan
- **Ford** U.S.A
- **Volkswagen** Germany

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Electreon in action

Projects & technological impact

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Electreon go-to-market segments

Airports

University campuses

Last mile deliveries

Shared cars

Point-to-point fleets

Taxi & MaaS

BRTs

Fleet Management

Highway ERS

Passenger EVs

Data-driven platform for **Smarter EV Management** and **Charging solution**

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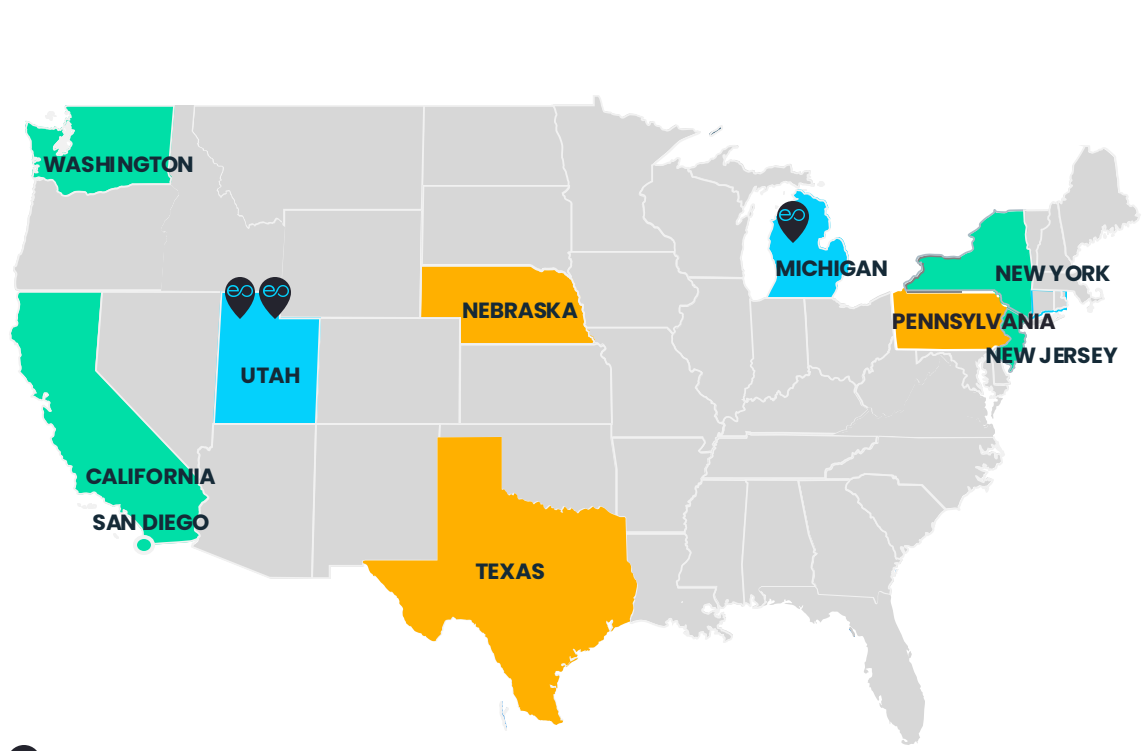
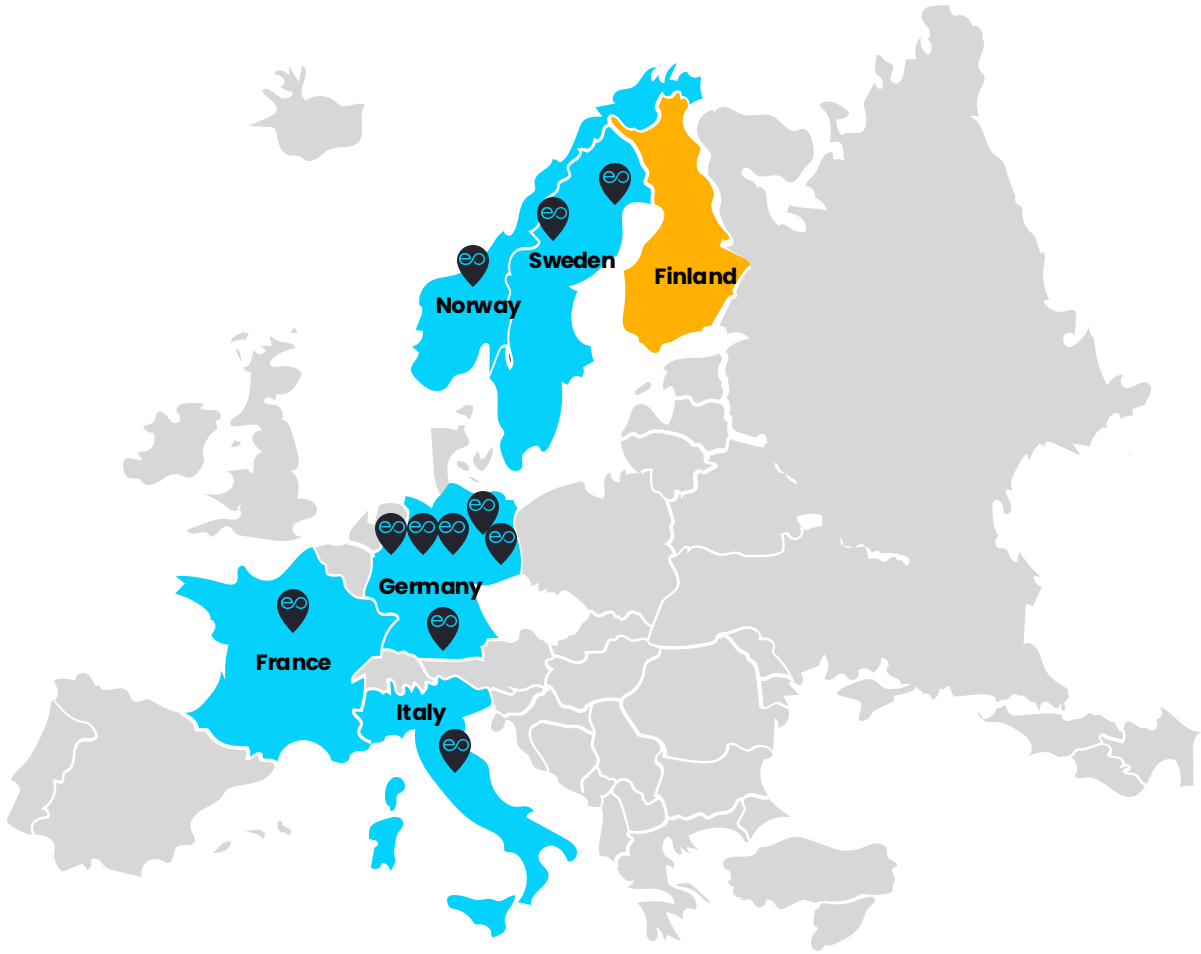
Electreon’s primary regions

Wireless electric roads in the U.S. and Europe





Electreon Project

RFP- request for project

Discussions with public authorities

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Electreon's Integrated solution for urban & depot

Transforming **GREEN ZONES** into multi-modal sustainable mobility hubs for multiple simultaneous transport cases*

UPS Michigan

Charge while you load

Convert **loading & unloading** docks in green zones & overnight fleet charging depots into stationary charging opportunities

~15 minutes at drop points = **12.5 kwh****

~20% of daily energy needs supplied on route

Compared to other charging solutions on the market

Up to 20% grid connection size reduction

Modular charging configuration

Projects: **UPS Michigan, U.S.A.** | **Ford** U.S.A | **XOS** U.S.A | **IVECO** Italy

*Calculations are linked at the end of the presentation
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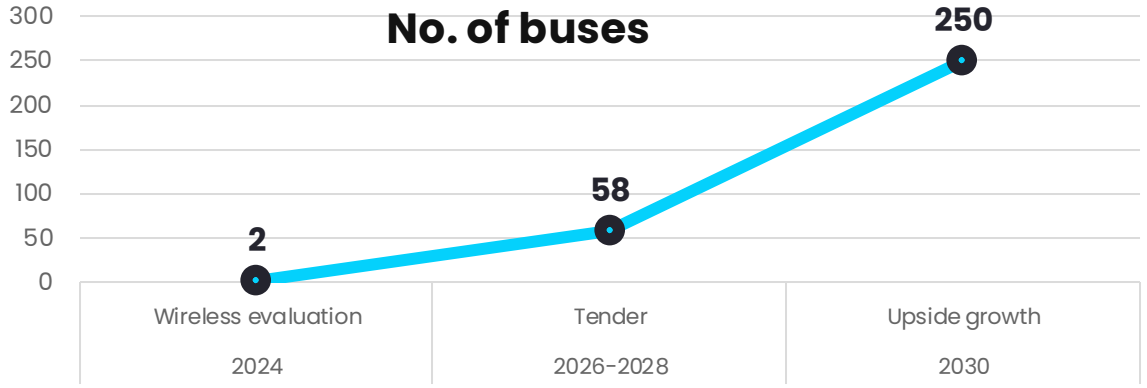
Trondheim (Norway) solution & potential with Electreon's on route charging



Battery reduction **75%*** per 24-meter bus (double-articulated)

$240K**
savings per bus

9,600 kg***
weight reduction per bus

Upside growth
250 buses

Next step tender for: 58 buses

Total potential savings **$13,9M******

Trøndelag fylkeskommune
Tröndelagen fylhkentjielte

AtB

Preliminary results outperforming expectations by **30%**

Up to **110 kW static and dynamic**

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Charge as you drive

A10 highway, Paris

First release of the **Next Gen Receiver** **180%**

increase of power transfer to ~**75 kW** receiver from 25kW

The project aims to validate the French transportation Ministry's research report that ERS* can reduce CO2 emissions from road freight by

86%

First phase in executing France's National plan to deploy ERS at scale

~5,000 km by 2030
~9,000 km by 2035

Preliminary test result: Transforming **218 kW****

Partners: bpifrance VINCI AUTOROUTES FRANCE 2030

*ERS: Electric Road System
**3 Receivers
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Electreon's fleet management solution for Electra Afikim

Wireless charging stations at depots

Scope of the project

23 buses

3 bus brands

HIGER SUNWIN ANKAI

"0" Cables fully-underground infrastructure

Operational achievements

100 km
Range extension per bus

98%
uptime

3 second coupling

465,000 km
Charged with Electreon*

*In the last 11 months

Electreon's Urban Mobility Solution (based on MOU with Castel Taxis)

Stationary charging in taxi queue

Project scope

~50 taxis in phase 1
up to 100 in phase 2

50+ wireless charging spots across Tel Aviv

Operational achievements

40%
extended range *

~2200 tons
annual CO2 savings for a fleet of 50*

Finance optimization

~$12K savings in annual electricity vs. fuel costs per vehicle*

$600K savings for a fleet of 50 taxis

*Calculations are linked at the end of the presentation
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Financial Overview

Leveraging technology for sustainable growth
Revenue prediction for 2025

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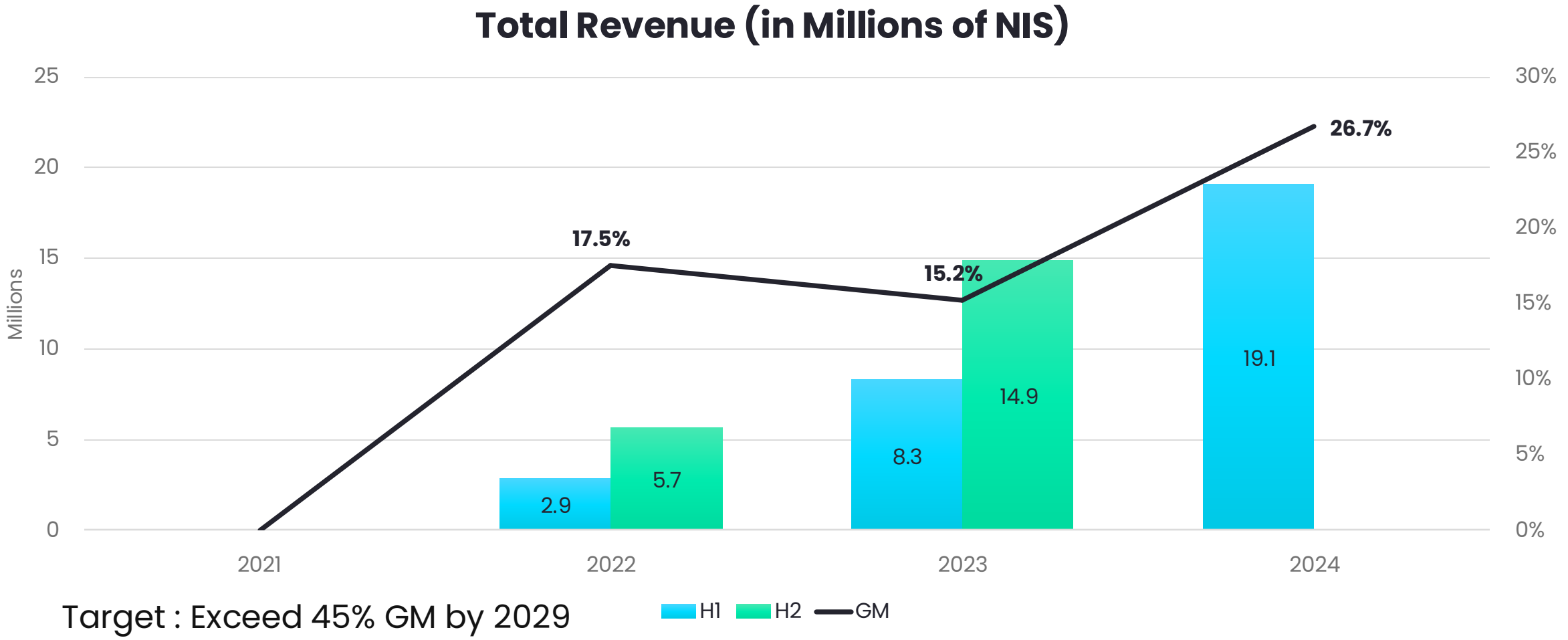
Year-over-year revenues



Target : Exceed 45% GM by 2029

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Production capabilities

Mass production in China

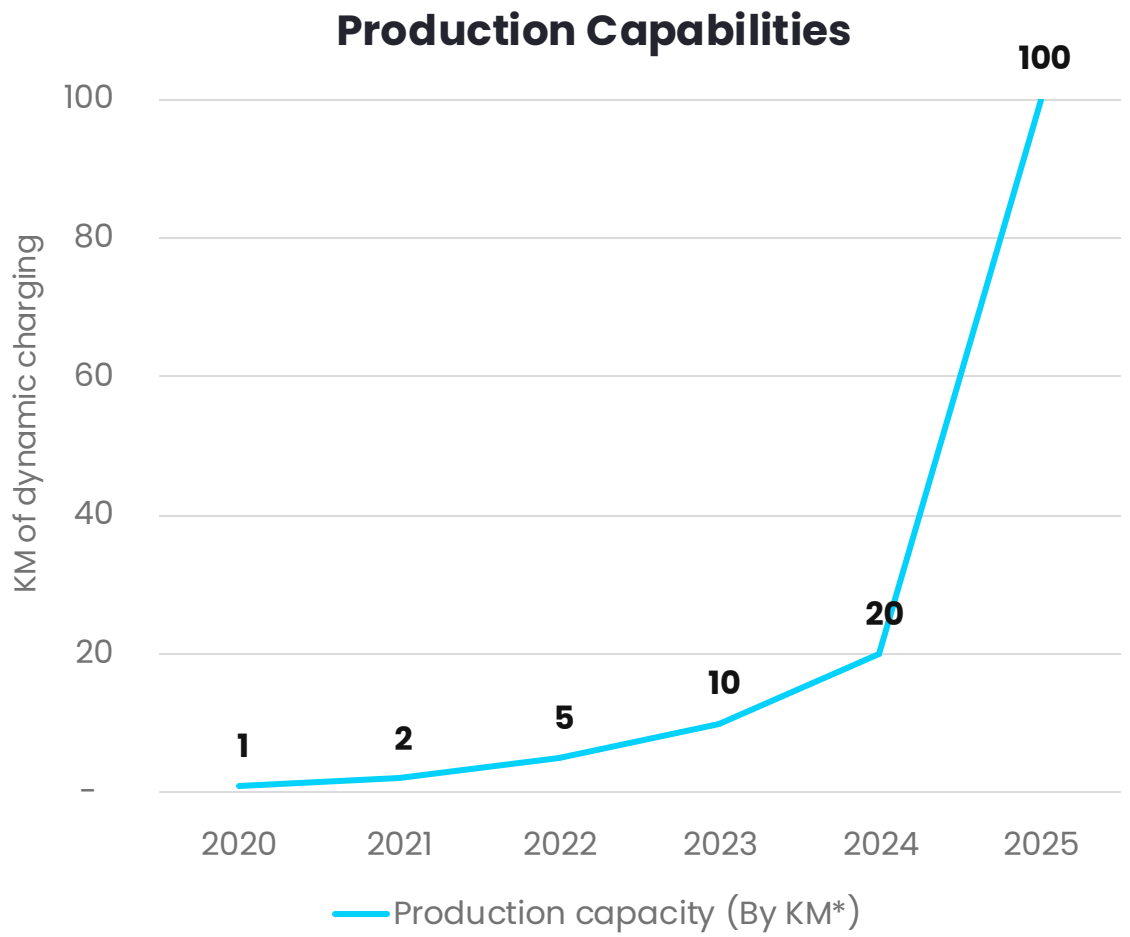
- Qualified, approved vendor
- First shipment passed QA

Scaling & Infrastructure

- Increasing capacity to meet rising demand
- Up to **100 km** of dynamic charging 2025
- Up to **1.8K** stationary charging units

Distributed production

- Multiple locations: **China, Germany, India**
- Enhanced flexibility & risk management



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Production capabilities & cost reduction

Moving production operations to China lowered costs

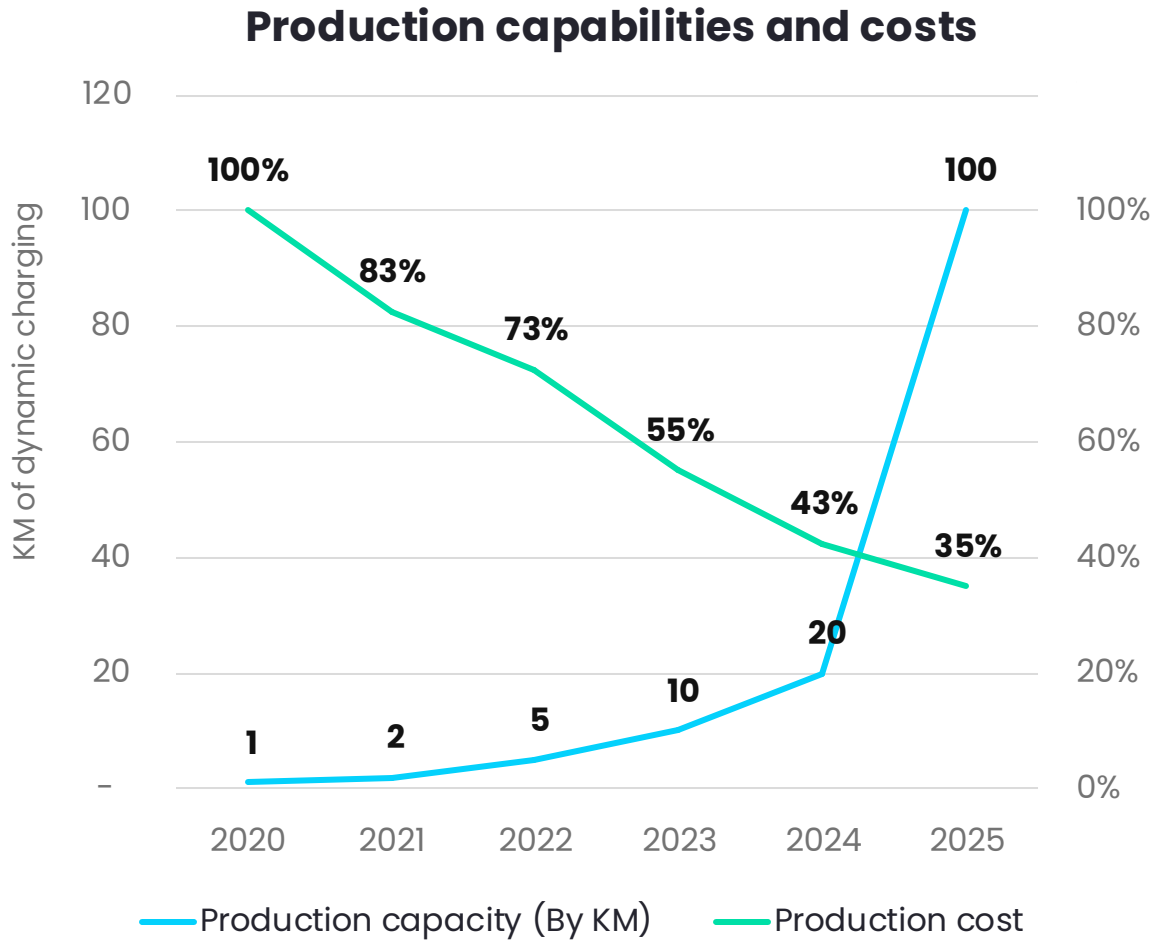
In 2024

57% cost reduction

&

65%

Expected cost reduction in 2025



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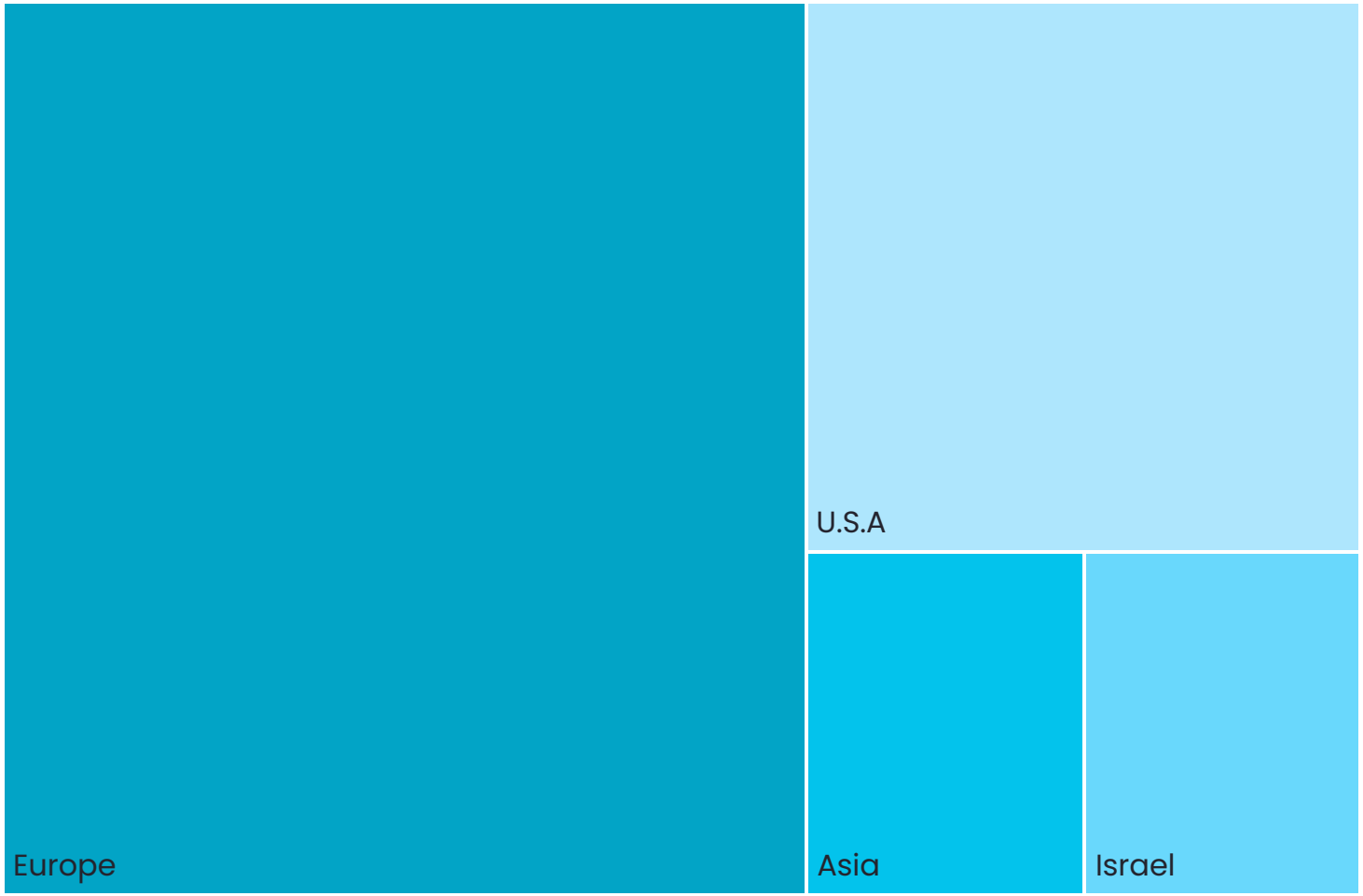
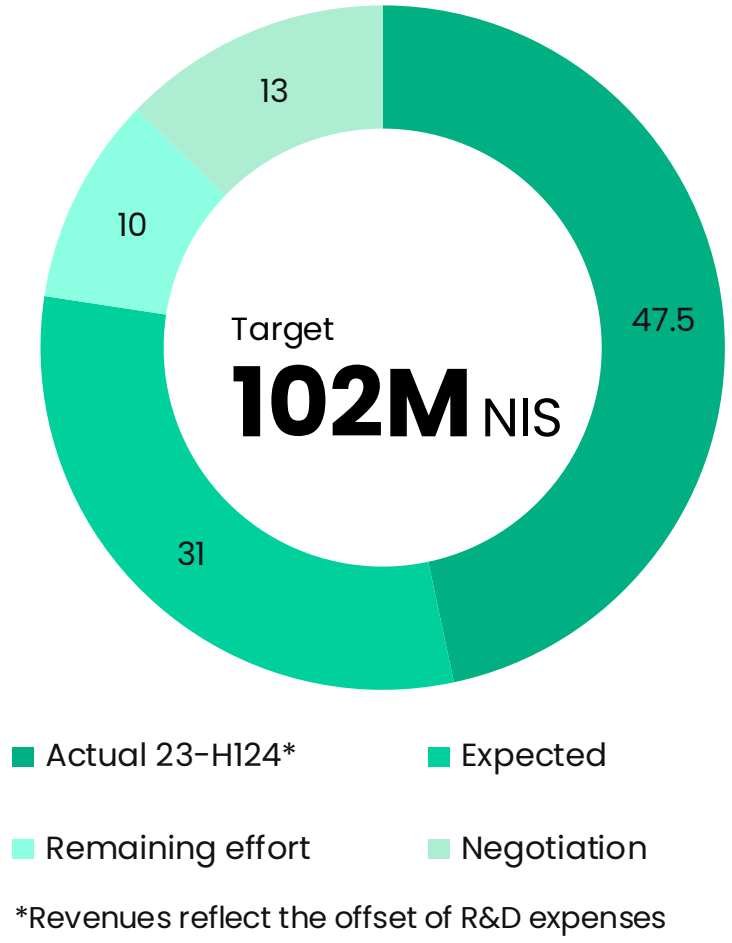
83.3M NIS signed project in 2023-2024





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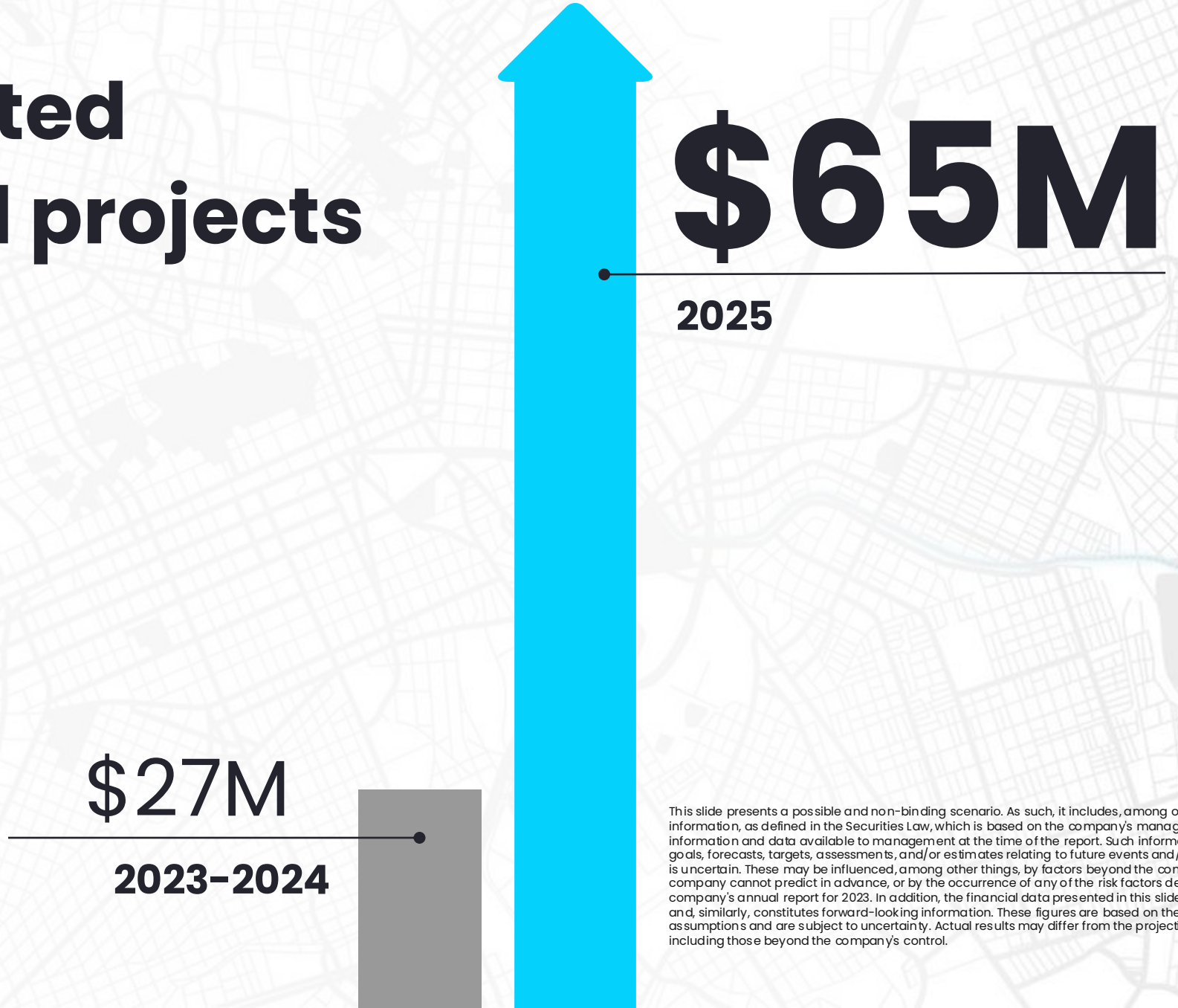
Predicted signed projects



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Presentation quotes and calculations

“The global shift to electric vehicles” slide 5: https://www.iea.org/data-and-statistics/data-tools/global-ev-data-explorer

" Total Addressable Market for wireless charging by 2030 ” Slide 6

2030 EV fleet sizes:

- **Passenger EVs:** Estimated at 224 million globally by 2030, based on both PHEV and BEV estimates and excluding e-taxis, whose fleet size estimation is below. Source: International Energy Agency (IEA), 2024 Global EV Data Explorer , link)."*
- **Delivery Vans/LCVs:** Estimated at 13 million by 2030, based on an average of conservative projections of 12 million and more liberal estimates of 14 million. Source: International Energy Agency (IEA), 2024 Global EV Data Explorer, link)
- **E-Buses:** Projected fleet size of approximately 2.8 million by 2030. This figure is an average, considering conservative estimates of 2.6 million and more optimistic projections of around 3 million. Source: International Energy Agency (IEA), 2024 Global EV Data Explorer, link)
- **E-Taxis:** To estimate the global fleet size of e-taxis by 2030, we relied on data from Bloomberg NEF (BNEF) and the International Energy Agency (IEA). Based on BNEF's analysis, approximately 5% of passenger EVs on the road were estimated to be e-taxis in recent years. Applying this percentage to IEA's 2030 projection of 236 million passenger EVs results in an estimated 12 million e-taxis globally by 2030. This methodology is based on historical data trends and aligns with industry projections for the growth of electric taxis and ride-sharing vehicles.
- **Market opportunity estimates** are based on the amount of vehicles of the above sources, multiplied by the companies selling price per product segment and business model
- **ERS services and maintenance of $21.8B** are based on the announced ERS deployment milestones for 2030 by European countries and estimates on EV roadway usage by those countries' traffic and transportation authorities.

Links to analyst quotes slide 9:
Financial Times
Gartner
Forbes

Sources and Calculations

Links to OEM wireless charging solutions slide 10:
Mercedes Quote

Tesla:
https://www.notateslaapp.com/news/2256/tesla-wireless-charging-pad-to-feature-automatic-docking
Nissan:
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About the strategic investment slide 15:
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Calculations for "Electreon's Integrated solution for urban & depot" slide 20
*Multi-modal: mixed vehicle types and mixed public, shared and business vehicle types all utilizing the same charging infrastructure

**50kW × 0.25 hours = 12.5kWh
12.5 kWh is ~20% of 60 kWh, the daily energy need

Vehicles likely drive up to 60 km/40 mi per day, and the assumption is that if they have a 1 kWh/km consumption, the daily energy requirement is 1 x 60 = 60 kWh.

Grid reduction calculation: We can estimate the grid connection requirement at the depot can be reduced by 20% since the energy comes from our on-route stationary charging.

Sources and Calculations

Calculations for **"Trondheim (Norway) solution & potential with Electreon's on route charging",** slide 21

*1600 kWh initial bus battery size
1600 kWh – 400 kWh = 1200 kWh - reduced battery size
** Estimated battery cost per kWh: $200
1200 kWh x $200 = $240K savings per bus
***1200 kWh × 8 kg per kWh battery = 9600 kg weight reduction per bus
**** 240K * 58 buses = $13.9 potential savings

"Charge as you drive", Slide 22

Link to research

Calculations for **"Electreon's Urban Mobility Solution for Castel Taxis"**, slide 24
*2H of wireless charging per shift adds 30 kWh, with 5 km per kWh efficiency, extending the range by 150 km. average shift 350 km 150/350=42%

**200 grams of CO2 per km * 350 km per shift * 624 shifts per year = 43.68M grams of CO2 saved per taxi per year* 50 = ~2200 tons.

*** Cost to run electrically: (200K km / 5 Km/kWh) x 0.25Euro/kWh = 40K Kwh*0.25 Euro/kWh = 10K Euro

Cost to run on fuel (200K km / 14 km / liter) x 1.45 Euro/liter = 14.3K litter x 1.45 Euro/liter = 20.7K Euro Saving 10.7K Euro = $11.8K per month)