



Stellantis Unveils BEV-native STLA Large Platform with 800 Km/500 Mile Range and the Ultimate Flexibility to Cover a Wide Spectrum of Vehicles

- **STLA Large platform enables segment-leading capabilities including embedded energy (118 kWh), charging efficiency (4.5 kWh per minute), and performance (0-100 km/h or 62 mph in 2-second range)**
- **Available in 400-volt and 800-volt BEV architectures, STLA Large is the most flexible BEV-native platform in the industry, underpinning car, crossover and SUV vehicle types in the D and E segments**
- **Vehicles designed on STLA Large will be produced and sold globally with eight vehicle launches across five brands planned from 2024-2026**
- **Dodge and Jeep® will lead launches followed later by Alfa Romeo, Chrysler and Maserati**
- **STLA Large is one of four global platforms propelling Stellantis toward the ambitions of the Dare Forward 2030 strategic plan**

AMSTERDAM, January 19, 2024 – [Stellantis N.V.](#) today unveiled [STLA Large](#), its all-new, highly flexible, BEV-native platform that is the foundation for a wide range of upcoming vehicles for global markets in the D and E segments. The platform enables several segment-leading capabilities including embedded energy, charging efficiency, high-performance vehicle dynamics and Trail Rated off-road driving. Full-size vehicles based on STLA Large are the core of customer demand in prime global markets and will be used first in the North American market on Dodge and Jeep® brands, followed by other brands including Alfa Romeo, Chrysler and Maserati. There will be eight vehicles launched from 2024-2026.

The STLA Large platform is engineered with unparalleled technology flexibility that enables greater levels of vehicle diversity and top-rank quality and customer satisfaction from a base set of componentry, along with robust and cost-efficient manufacturing processes that can be duplicated in multiple assembly plants. Upcoming products will cover a full spectrum of vehicle types, from cars to crossovers to SUVs, all of which will give customers the electric propulsion benefits of instant torque response combined with zero emissions. Brand-specific product announcements will begin this year.

“Our goals for our STLA platforms are ambitious but this is what our customers need from us today,” Stellantis CEO Carlos Tavares said. “Creating a family of vehicles from a well-engineered set of components that is flexible enough to cover multiple vehicle types and propulsions, overperforming any of our current products, will address each of our iconic brands’ customers. The flexibility and agility of this platform is its hallmark and will be a driving force for our success in the shift to electrification in North America.”

STLA Large is one of four global BEV platforms, outlined on [EV Day 2021](#), that underpin the Company’s future products and are key to achieving the bold targets of the Stellantis Dare Forward 2030 strategic plan. It is the second platform to be revealed following the release of best-in-class [STLA Medium](#) in July 2023. STLA Large will be installed in several plants in Europe and North America and available in multi-energy variants, including hybrid and internal combustion. The iconic brands of Stellantis will tailor STLA Large vehicles to best fit the needs and desires of their customers, ranging from family oriented to high performance to highly capable off-road 4x4 to luxury.

The platform’s inherent flexibility enables engineers and designers to adjust the wheelbase, overall length, overall width and height, and ground clearance. A variety of suspension modules and powertrain cradles can be employed to suit vehicle specific performance objectives that include ride, handling and comfort. Engineers can adjust key dimensions, such as the front spindle to the driver foot, the front and rear overhang, or the passenger compartment floor, to fine-tune vehicle capabilities and performance.

Employing advanced high-strength materials, the platform is optimized for weight and rigidity to enable best-in-class performance across the spectrum of vehicle types. Components within the platform are packaged to maximize usable interior space and storage. Key comfort and performance components, such as the cabin heating/cooling system, steering, braking assist and propulsion

are designed to minimize energy consumption to enhance driving range.

The flexibility includes the unibody platform's propulsion systems. STLA Large is designed and engineered as a native BEV platform with the option of 400-volt and 800-volt electric architectures. Three-in-one electric drive modules (EDMs) that incorporate the motor, power inverter and gear reduction can be configured in front-wheel-drive, rear-wheel-drive and all-wheel-drive layouts. The power inverter employs silicon carbide semiconductor technology to minimize power losses. Propulsion system performance can be upgraded during the vehicle's lifespan via over-the-air software updates.

Based on specific vehicle objectives, STLA Large accepts drivetrain enhancements such as limited slip differentials or wheel end disconnects that can improve performance or reduce mechanical drag to improve efficiency and range. Overall, the STLA Large platform has the potential to carry extreme power that will outperform any of the existing Hellcat V-8s.

Embracing the importance of balancing driving range and cost, the platform initially includes battery pack options with energy ratings between 85 and 118 kilowatt hours (kWh). STLA Large targets an overall range of 800 km/500 miles for sedans and is engineered to easily accept future energy storage technologies when they reach production readiness.

The initial generation of propulsion components holds the potential to deliver acceleration of 0-100 km/h (62 mph) in the 2-second range. Fast charging will add up to 4.5 kWh per minute to the 800-volt battery pack.

STLA Large also supports hybrid and internal combustion propulsion systems without compromising key vehicle capabilities. The flexibility provides a bridge for customers around the world during the transition to electric propulsion and the development of a robust and widely available charging network. Design flexibility includes transverse and longitudinal engine mounting configurations, supporting FWD/RWD/AWD drivetrains.

Key STLA Large metrics:

- Overall length range: 187.6-201.8 inches (4,764-5,126 mm)
- Overall width range: 74.7-79.9 inches (1,897-2,030 mm)
- Wheelbase range: 113.0-121.1 inches (2,870-3,075 mm)
- Ground clearance range: 5.5-11.3 inches (140-288 mm)
- Maximum tire diameter: 32.6 inches (858 mm)

The four Stellantis global BEV platforms – Small, Medium, Large and Frame – are designed and engineered for extended lifecycles via the interchangeability of battery cell chemistry, EDMs, power inverters and software control. The STLA Large platform supports Stellantis' next-generation electrical and software-defined vehicle technologies – STLA Brain, STLA SmartCockpit and STLA AutoDrive.

Stellantis is investing more than €50 billion over the next decade in electrification to deliver on the targets of reaching a 100% passenger car BEV sales mix in Europe and 50% passenger car and light-duty truck BEV sales mix in the United States by 2030. To achieve these sales targets, the Company is securing approximately 400 GWh of battery capacity, including support from six battery manufacturing plants in North America and Europe. Stellantis plans to have 48 BEVs on the market by 2024 and is on track to become a carbon net zero corporation by 2038, all scopes included, with single-digit percentage compensation of remaining emissions.

[Watch the video](#)

#

About Stellantis

Stellantis N.V. (NYSE: STLA/Euronext Milan: STLAM/Euronext Paris: STLAP) is one of the world's leading automakers aiming to provide clean, safe and affordable freedom of mobility to all. It's best known for its unique portfolio of iconic and innovative brands including Abarth, Alfa Romeo, Chrysler, Citroën, Dodge, DS Automobiles, Fiat, Jeep®, Lancia, Maserati, Opel, Peugeot, Ram, Vauxhall, Free2move and Leasys. Stellantis is executing its Dare Forward 2030, a bold strategic plan that paves the way to achieve the ambitious target of becoming a carbon net zero mobility tech company by 2038, while creating added value for all stakeholders. For more information, visit www.stellantis.com



@Stellantis



Stellantis



Stellantis



Stellantis

For more information, contact:

Fernão SILVEIRA +31 6 43 25 43 41 – fernao.silveira@stellantis.com

Nathalie ROUSSEL +33 6 87 77 41 82 – nathalie.rousseau@stellantis.com

communications@stellantis.com
www.stellantis.com

EV2021
STELLANTIS DAY



This document contains forward-looking statements. In particular, statements regarding future financial performance and the Company's expectations as to the achievement of certain targeted metrics, including revenues, industrial free cash flows, vehicle shipments, capital investments, research and development costs and other expenses at any future date or for any future period are forward-looking statements. These statements may include terms such as "may", "will", "expect", "could", "should", "intend", "estimate", "anticipate", "believe", "remain", "on track", "design", "target", "objective", "goal", "forecast", "projection", "outlook", "prospects", "plan", or similar terms. Forward-looking statements are not guarantees of future performance. Rather, they are based on the Group's current state of knowledge, future expectations and projections about future events and are by their nature, subject to inherent risks and uncertainties. They relate to events and depend on circumstances that may or may not occur or exist in the future and, as such, undue reliance should not be placed on them.

Actual results may differ materially from those expressed in forward-looking statements as a result of a variety of factors, including: the impact of the COVID-19 pandemic; the ability of the Group to launch new products successfully and to maintain vehicle shipment volumes; changes in the global financial markets, general economic environment and changes in demand for automotive products, which is subject to cyclical; changes in local economic and political conditions, changes in trade policy and the imposition of global and regional tariffs or tariffs targeted to the automotive industry, the enactment of tax reforms or other changes in tax laws and regulations; the Group's ability to expand certain of their brands globally; its ability to offer innovative, attractive products; its ability to develop, manufacture and sell vehicles with advanced features including enhanced electrification, connectivity and autonomous driving characteristics; various types of claims, lawsuits, governmental investigations and other contingencies, including product liability and warranty claims and environmental claims, investigations and lawsuits; material operating expenditures in relation to compliance with environmental, health and safety regulations; the intense level of competition in the automotive industry, which may increase due to consolidation; exposure to shortfalls in the funding of the Group's defined benefit pension plans; the ability to provide or arrange for access to adequate financing for dealers and retail customers and associated risks related to the establishment and operations of financial services companies; the ability to access funding to execute the Group's business plans and improve their businesses, financial condition and results of operations; a significant malfunction, disruption or security breach compromising information technology systems or the electronic control systems contained in the Group's vehicles; the Group's ability to realize anticipated benefits from joint venture arrangements; disruptions arising from political, social and economic instability; risks associated with our relationships with employees, dealers and suppliers; increases in costs, disruptions of supply or shortages of raw materials, parts, components and systems used in the Group's vehicles; developments in labor and industrial relations and developments in applicable labor laws; exchange rate fluctuations, interest rate changes, credit risk and other market risks; political and civil unrest; earthquakes or other disasters; the risk that the operations of Peugeot S.A. and Fiat Chrysler Automobiles N.V. will not be integrated successfully and other risks and uncertainties.

Any forward-looking statements contained in this document speak only as of the date of this document and the Group disclaims any obligation to update or revise publicly forward-looking statements. Further information concerning the Group and its businesses, including factors that could materially affect the Group's financial results, is included in the Group's reports and filings with the U.S. Securities and Exchange Commission, AFM, CONSOB and AMF.



CUSTOMERS NEEDS & EXPECTATIONS

GROW EAST

STELLANTIS LEV MIX* EXPECTED TO GROW FAST



2021 14%

4%

2030 70%+

40%+

* Forecasted LEV mix on total Stellantis passenger car and light-duty truck sales

CUSTOMERS

EXCEEDING CUSTOMERS EXPECTATIONS



ECO CONSCIOUSNESS

64%

of people worldwide consider "preserving the environment" as most important value

EV RANGE WILL FIT CUSTOMERS

80%

of customers in the **small cars segment**

90%

of customers in the **compact and mid size cars segment**

100%

of customers in the **LCV**

AFFORDABILITY

FROM 2026
EV TOTAL COST OF
OWNERSHIP WILL BE
EQUAL TO ICE





STELLANTIS BRANDS' ATTRIBUTES & ELECTRIFICATION

STELLANTIS



**IT'S ONLY GREEN WHEN
IT'S GREEN FOR ALL**



**HEATING UP PEOPLE,
BUT NOT THE PLANET**



**CITROËN ELECTRIC:
WELL-BEING FOR ALL!**

COMMERCIAL VEHICLES

**THE GLOBAL LEADER IN
E-COMMERCIAL VEHICLES**

STELLANTIS



O P E L



VAUXHALL

GREEN IS THE NEW COOL



TURNING SUSTAINABLE MOBILITY INTO QUALITY TIME

STELLANTIS



**FROM 2024, ALFA BECOMES
ALFA E-ROMEEO**



**THE MOST ELEGANT WAY
TO PROTECT THE PLANET**



DS AUTOMOBILES

**THE ART OF TRAVEL,
MAGNIFIED**



Maserati

**THE BEST IN
PERFORMANCE LUXURY,
ELECTRIFIED**

STELLANTIS



**CLEAN TECHNOLOGY FOR A NEW
GENERATION OF FAMILIES**

DODGE
**TEAR UP THE
STREETS...NOT THE PLANET**



RAM

**BUILT TO SERVE A
SUSTAINABLE PLANET**

Jeep
ZERO EMISSION FREEDOM



COMMERCIAL VEHICLES

COMMERCIAL

COMMERCIAL VEHICLES

**A GLOBAL KEY PLAYER
IN CV BUSINESS**



IN EUROPE

#1

IN NORTH AMERICA

#3

STRONG AMBITION TO BECOME
WORLDWIDE NUMBER 1
IN e-COMMERCIAL VEHICLES

**CLEAR ELECTRIFICATION ROADMAP
LEVERAGED BY SYNERGIES**

100%

VAN RANGE ELECTRIFIED IN 2021

A FULL BEV VAN RANGE IN EUROPE
MIDSIZE & LARGE BEV VAN ON THE ROAD
COMPACT BEV VAN BY END OF THIS YEAR



ACCELERATING

EU LARGE VAN AS ENABLER FOR US RAM PROMASTER

FUEL CELL IS REALITY

MIDSIZE FUEL CELL VAN FIRST DELIVERIES BY END OF 2021

**“NO COMPROMISE”
AS TOP COMMITMENT**

ADDRESSING VAN & PICK UPS
CUSTOMER EXPECTATIONS WHEN
SWITCHING TO ELECTRIC

WIDTH AND DEPTH OF THE RANGE

BEST-IN-CLASS CAPABILITY,
PERFORMANCE AND PRODUCTIVITY

CONVERSION-FRIENDLY PLATFORMS

#1 CUSTOMER EXPERIENCE :
TCO / SERVICES / NETWORK
COVERAGE



THE TECHNOLOGY

CUSTOMER-CENTRIC

CUSTOMER-CENTRIC APPROACH



MEET ALL CUSTOMERS
EXPECTATIONS



ENHANCE
OUR BRANDS DNA



OFFER SUSTAINABLE &
AFFORDABLE MOBILITY



EVOLVE &
INNOVATE

FULL BEV

4 FULL BEV PLATFORMS

STLA SMALL



EFFICIENT CITY
MOBILITY

STLA MEDIUM



PREMIUM
VEHICLES

STLA LARGE



AWD PERFORMANCE
& AMERICAN MUSCLE

STLA FRAME



CAPABILITY &
PRACTICALITY

LEADING TO CLASS-LEADING PERFORMANCE

STLA BEV ARCHITECTURE VS. BEST IN CLASS 2024 FUTURED

BEST-IN-CLASS KPIS

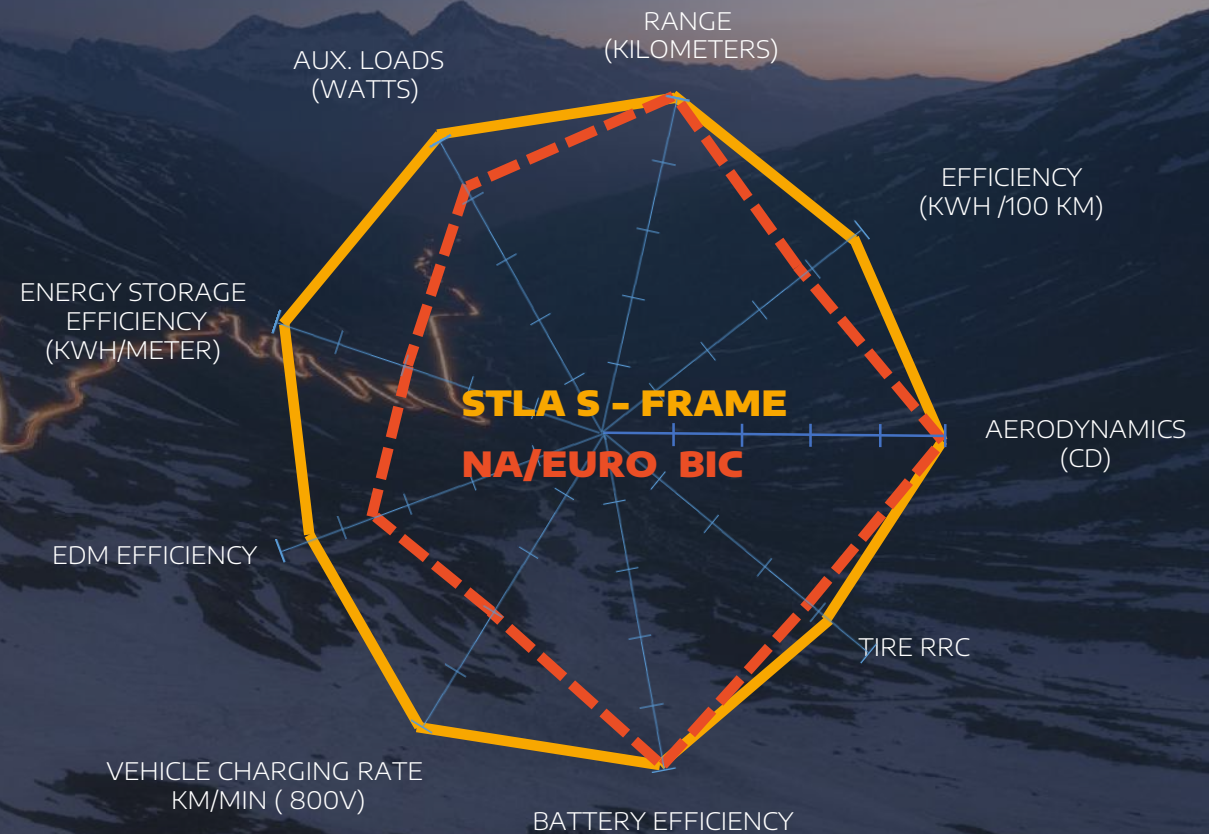
OVER 800 KILOMETERS OR 500 MILES OF RANGE

BEST-IN-SEGMENT EFFICIENCY FOR ENERGY DEMAND IN ALL PLATFORMS

BEST-IN-CLASS EFFICIENCY: UNDER 12.0 KWH/100 KM, OR 4.3 MILES PER KWH IN THE U.S. MARKET

ACCELERATION FROM 0 TO 100 KM/H (62 MPH) IN AS LOW AS 2 SECONDS

CLASS-LEADING FAST CHARGING: 20 MILES/MIN OR 32 KM/MIN



FUTURE-PROOF STRATEGY

BASED ON FLEXIBILITY

PLATFORMS DESIGNED FOR INTERCHANGEABILITY OF

BATTERY CELL CHEMISTRY,
ELECTRIC DRIVE MOTORS,
POWER INVERTERS AND
SOFTWARE CONTROL



CONTROL

FUTURE-PROOF STRATEGY

BASED ON FLEXIBILITY



ABLE
ABLE TO

**UPGRADE
HARDWARE
& SOFTWARE
OVER THE
LIFECYCLE**

**ENHANCE
COMPETITIVENESS,
COST, EFFICIENCY,
WEIGHT,
CAPABILITIES**

FUTURE-PROOF STRATEGY

BASED ON FLEXIBILITY

READY
READY TO EXTEND THEIR LIFE
INTO THE NEXT DECADE



FUTURE-PROOF STRATEGY

BASED ON COLLABORATION

ACC

ARCHER

FOXCONN





PLATFORMS

4 FULL BEV PLATFORMS

TO SUPPORT MARKET & CUSTOMER NEEDS

4 BEV BY DESIGN PLATFORMS

HIGH ENERGY DENSITY & EFFICIENT BATTERIES

OPTIMIZED SEGMENTATION FOR FULL MARKET COVERAGE

CROSS SHARED COMPONENTS & SYSTEMS

STLA
SMALL

**500 km
300 miles**

STLA
MEDIUM

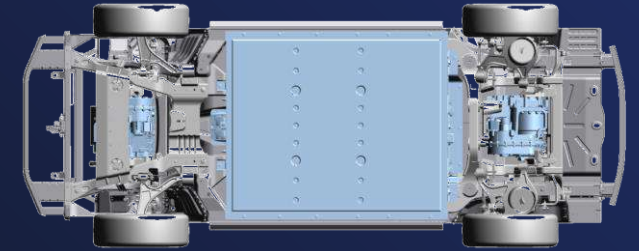
**700 km
440 miles**

STLA
LARGE

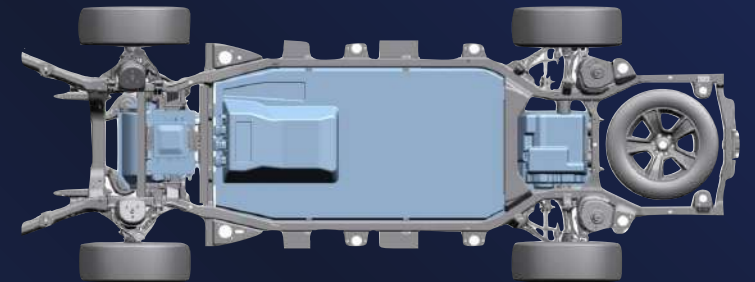
**800 km
500 miles**

STLA
FRAME

**800 km
500 miles**



3 UNIBODY

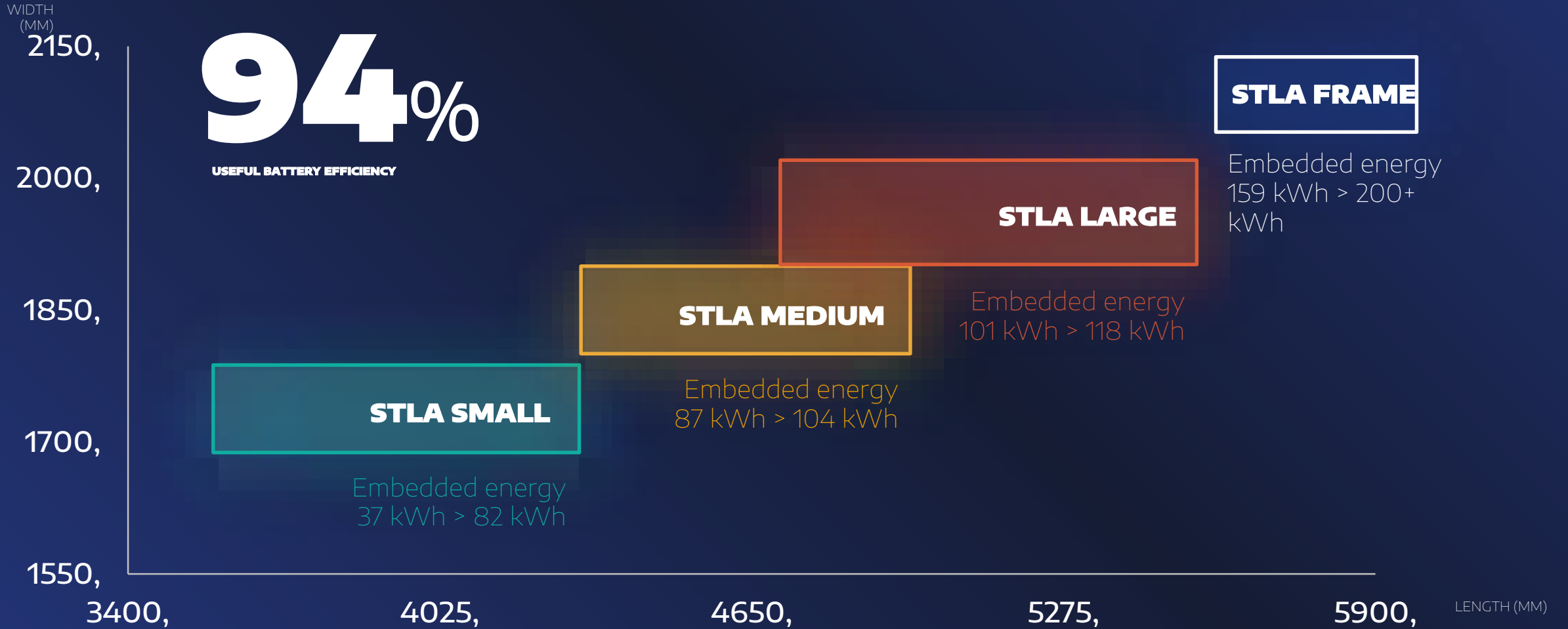


1 BODY ON FRAME

FLEXIBILITY

HIGH LEVEL OF FLEXIBILITY

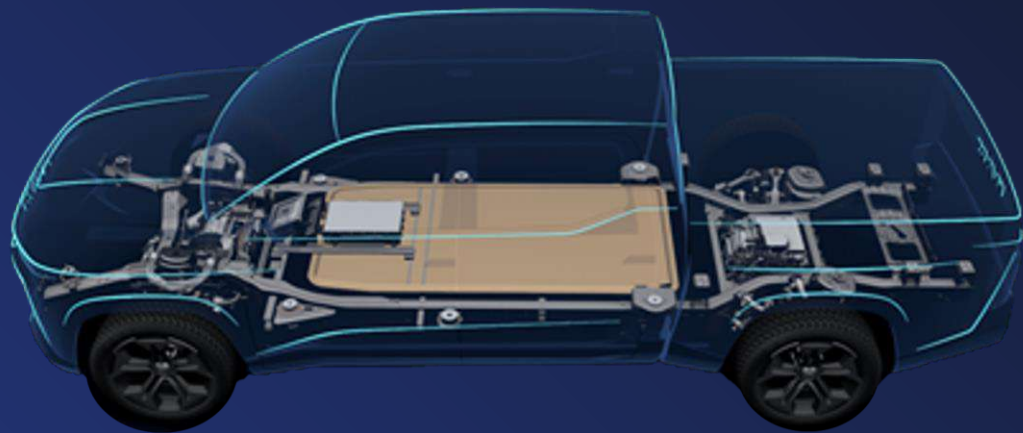
WITHIN EACH PLATFORM WITH OPTIMAL EFFICIENCY



FRAME ~~STLA~~ FRAME PLATFORM

A NEW CHOICE OF ELECTRIC POWER FOR TRUCK CUSTOMERS TO COME...

BEV



REPB

Range Electric Paradigm Breaker



PLATFORM

4 PLATFORMS FIT TO SCALE

up to **2** million

Vehicles / Platform / Year

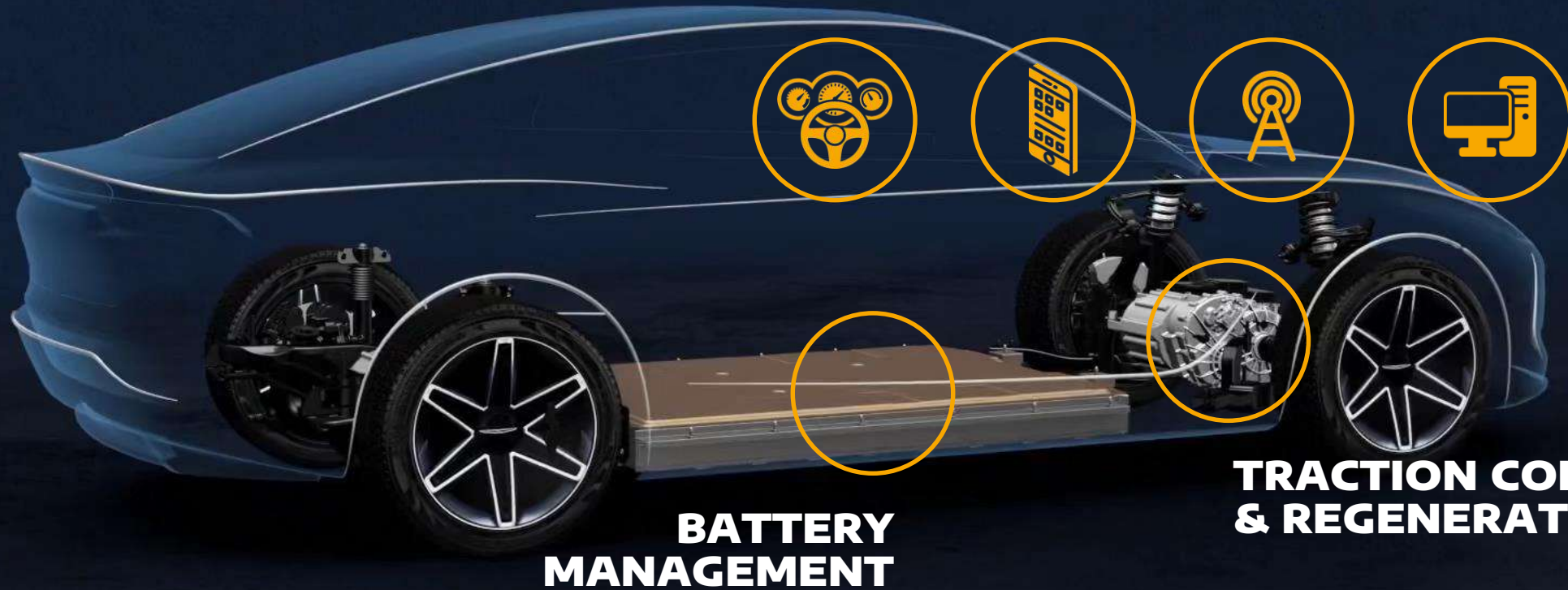




MASTERING SOFTWARE

SOFTWARE TO SUPPORT ENERGY EFFICIENCY, CHARGING AND BEV SERVICES

COCKPIT & REMOTE CONTROL



**BATTERY
MANAGEMENT**

**TRACTION CONTROL
& REGENERATION**

VIRTUOUS

VIRTUOUS CYCLE OF SW STRATEGY

**ATTRACTIVE & FLUID
CUSTOMER EXPERIENCES**

SMART DATA & AI LEVERAGE

12 MILLION

ACTIVE CONNECTED VEHICLES AS OF 2021

FREQUENT OTA UPDATES

15+ MILLION

OTA UPDATES BY 2023



ePOWERTRAIN

3-IN-1 OPTIMAL INTEGRATED 3-IN-1 ELECTRIC DRIVE MODULE

OFFSET & COAXIAL ARCHITECTURES

EDM #1

70 kW

400 V

EDM #2

125 - 180 kW

400 V

EDM #3

150 - 330 kW

400/800 V

SCALABLE DESIGN

COMPACT

HIGH LEVEL OF REUSE

Driveline Flexibility:

FWD,

RWD,

AWD,

and 4Xe

INVERTER

SCALABLE INVERTER

EDM #1

EDM #2

EDM #3

EDM FAMILY/POWER

70kW

125 - 180kW

150 - 330kW

BUS VOLTAGE

400 V

400 V

400/800 V

PHASE CURRENT

450 TO 750A RMS @400V
350 TO 600A RMS @800V

**POWER DEVICES,
SELECTABLE**



SI IGBT

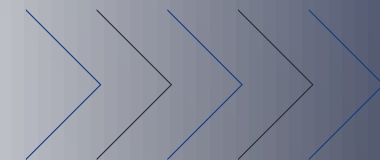
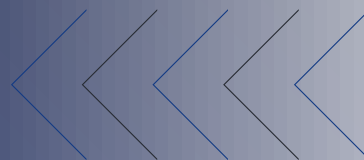


SI, SIC IGBT



SI, SIC IGBT

**IN HOUSE
CONTROL BOARD**



ALL PI PLATFORMS

3 SCALABLE EDM SOLUTIONS

TO COVER ALL PLATFORMS



EDM #1
70 kW

STLA SMALL



STLA MEDIUM

EDM #2
125-180kW



STLA LARGE

EDM #3
150-330 kW

STLA FRAME

PERFORMANCE

DRIVELINE FLEXIBILITY

EFFICIENCY

COST EFFECTIVE

GLOBAL MANUFACTURING FOOTPRINT

Europe based Production with Npe*  and Suppliers Partners

NA and China Production inside Stellantis and Supplier Partners

* Stellantis and NIDEC JV



BATTERY

DUAL

A DUAL CHEMISTRY STRATEGY TO SERVE ALL OUR CUSTOMERS

	NiCo FREE	Ni BASED
Cathode active material on Al foil	Fe – Mn - x	Ni - Mn - y
Anode active material on Cu foil	Graphite Carbon	
Energy Density at cell (Wh/L)	400 – 500 Wh/L	600 – 700 Wh/L
Pack configuration 2024	Cell-To-Pack	One unique module-based
Pack configuration 2026	One unique Cell-To-Pack design	
Cost (€/kWh)	- 20%	Reference

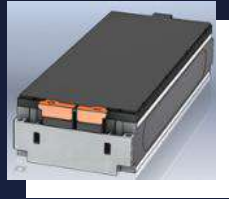
INTRODUCTION OF 1ST COMPETITIVE SOLID STATE IN 2026 BY REUSING INDUSTRIAL ASSETS

DESIGN

DESIGN EFFICIENCY FOR MORE COMPETITIVENESS



OTHER MOST
COMPETITIVE
CELLS SUPPLIERS



CELLS
& MODULES

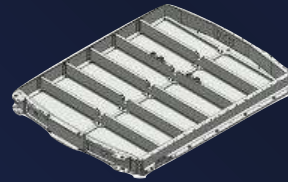
**COST COMPETITIVE
CELLS & MODULES**

> 40%

SAVINGS 2024 VS. 2020

DESIGN

DESIGN EFFICIENCY FOR MORE COMPETITIVENESS



HOUSING
& PACK ASSEMBLY

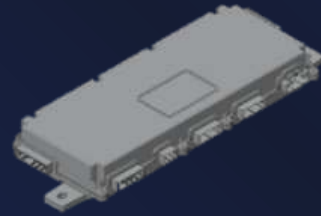
**THE CUTTING EDGE
OF EFFICIENCY**

> 40%

SAVINGS 2024 VS. 2020

DESIGN

DESIGN EFFICIENCY FOR MORE COMPETITIVENESS



BATTERY MANAGEMENT
SYSTEM

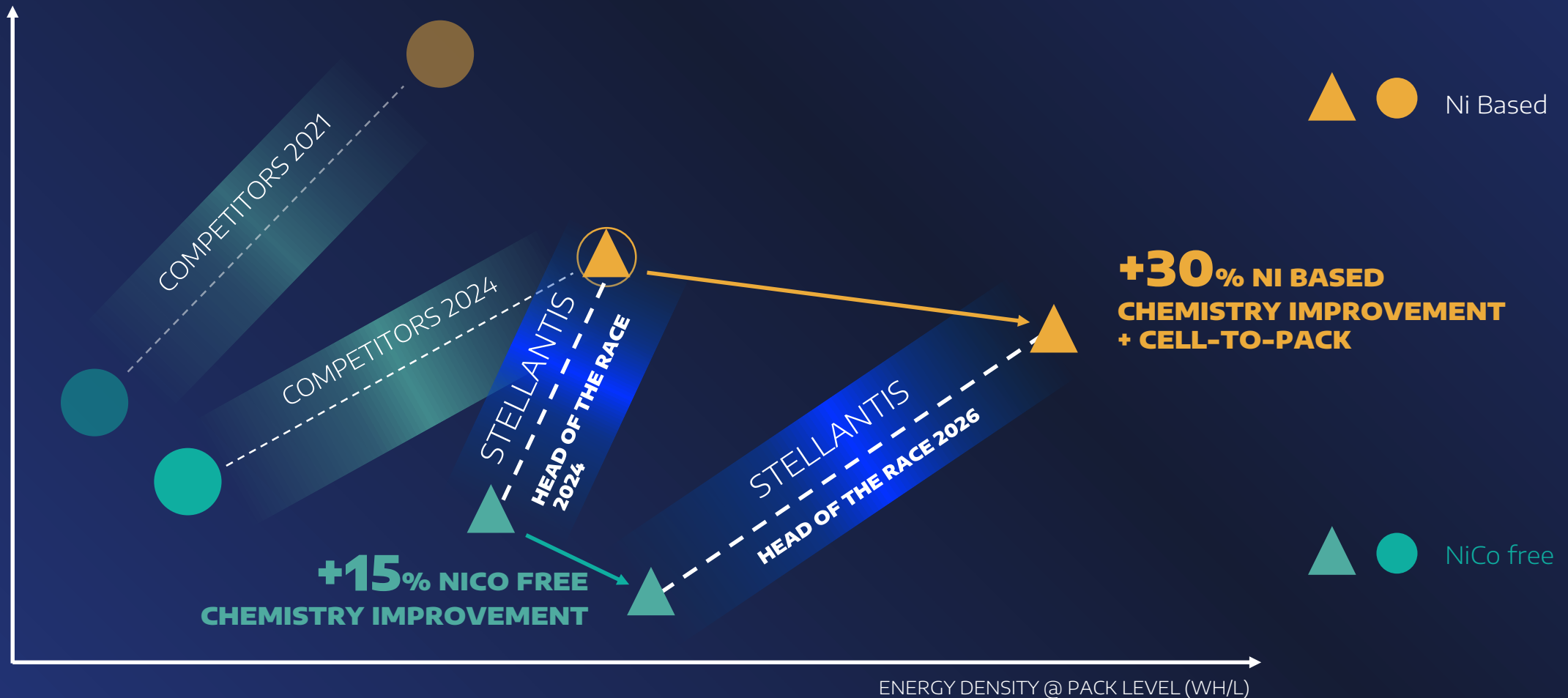
**THE USEFUL ENERGY
IN REAL LIFE**

4%

SAVINGS

LEADING COMPETITIVENESS

COST @ PACK LEVEL (€/KWH)





THE ECOSYSTEM

TAKE CARE OF OUR CUSTOMERS IN A SUSTAINABLE WAY



EASY

Charging solutions



SUSTAINABLE

Battery lifecycle



AVAILABLE

Guarantee supply of EV components
& raw materials

POSITIONING STELLANTIS
ON THE VALUE CHAIN OF A

HIGHLY PROFITABLE

MARKET



A scenic landscape featuring snow-capped mountains in the background, a calm lake in the middle ground, and a winding road in the foreground. The road is illuminated with glowing green light trails, suggesting a path or journey. The overall color palette is dominated by blues, purples, and greens, creating a serene and futuristic atmosphere.

CHARGING SERVICES

EXPERIENCE

**END-TO-END CHARGING AND ENERGY SOLUTIONS
PROVIDING THE BEST CUSTOMER EXPERIENCE**

1

**OFFERING
360° CHARGING
SOLUTIONS**

FOR PRIVATE,
BUSINESS AND FLEET
CUSTOMERS



2

**PROVIDING
DAY TO DAY
SMART CHARGING
OFFERS**

WITH GREEN ENERGY

3

**SUPPORTING
CUSTOMER
EXPERIENCE**

WITH SPECIFIC TAILORED
MADE SOLUTIONS



JEEP SOLAR CHARGER

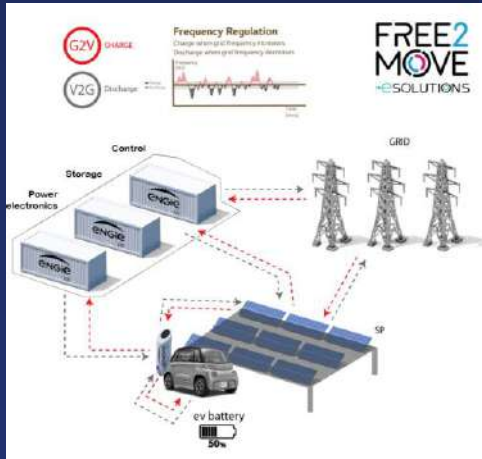


EXPERIENCE

**END-TO-END CHARGING AND ENERGY SOLUTIONS
PROVIDING THE BEST CUSTOMER EXPERIENCE**

4

BEING AT THE CUTTING EDGE
OF THE FUTURE
OF SMART GRID
SOLUTIONS



5

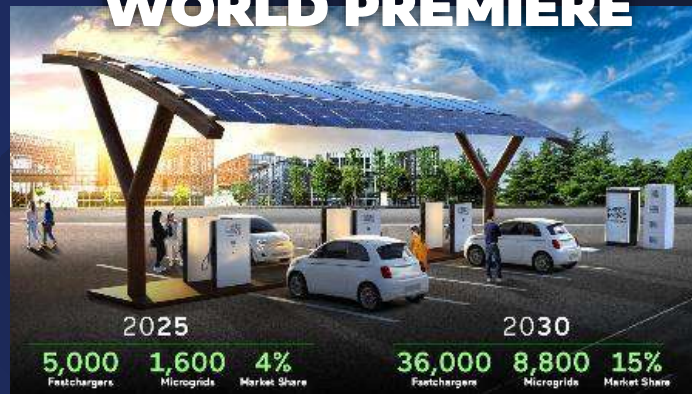
LAUNCHING A UNIQUE FAST CHARGING NETWORK: ENABLED BY RENEWABLES, ENERGY STORAGE AND 100% GRID INTEGRATED



6

SIMPLIFYING YOUR eMOBILITY
EVERYWHERE IN
THE WORLD

WORLD PREMIERE



WORLD PREMIERE FAST-CHARGING NETWORK

THE LARGEST
SOUTHERN EUROPEAN
EV FASTCHARGING
NETWORK

THE LARGEST
VIRTUAL POWER PLANT
WORLDWIDE

INTEGRATED WITH
SOLAR POWER
AND ENERGY STORAGE

100% VEHICLE-TO-GRID
PROVIDING GRID SERVICES
TO THE EUROPEAN GRID



2025

+1,500 Locations

~5,000 Fastchargers

2030

~9,000 Locations

+35,000 Fastchargers

**FREE2
MOVE**
eSOLUTIONS

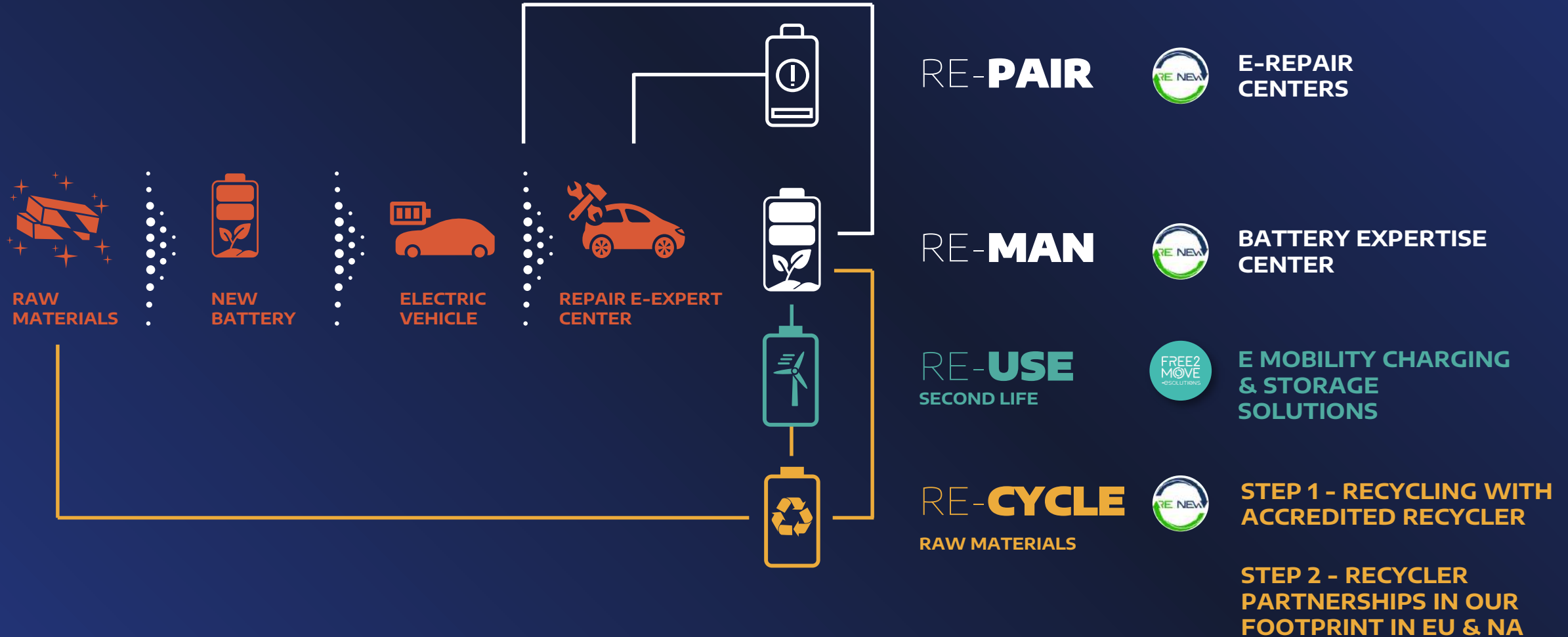
STELLANTIS

ENGIE
eps

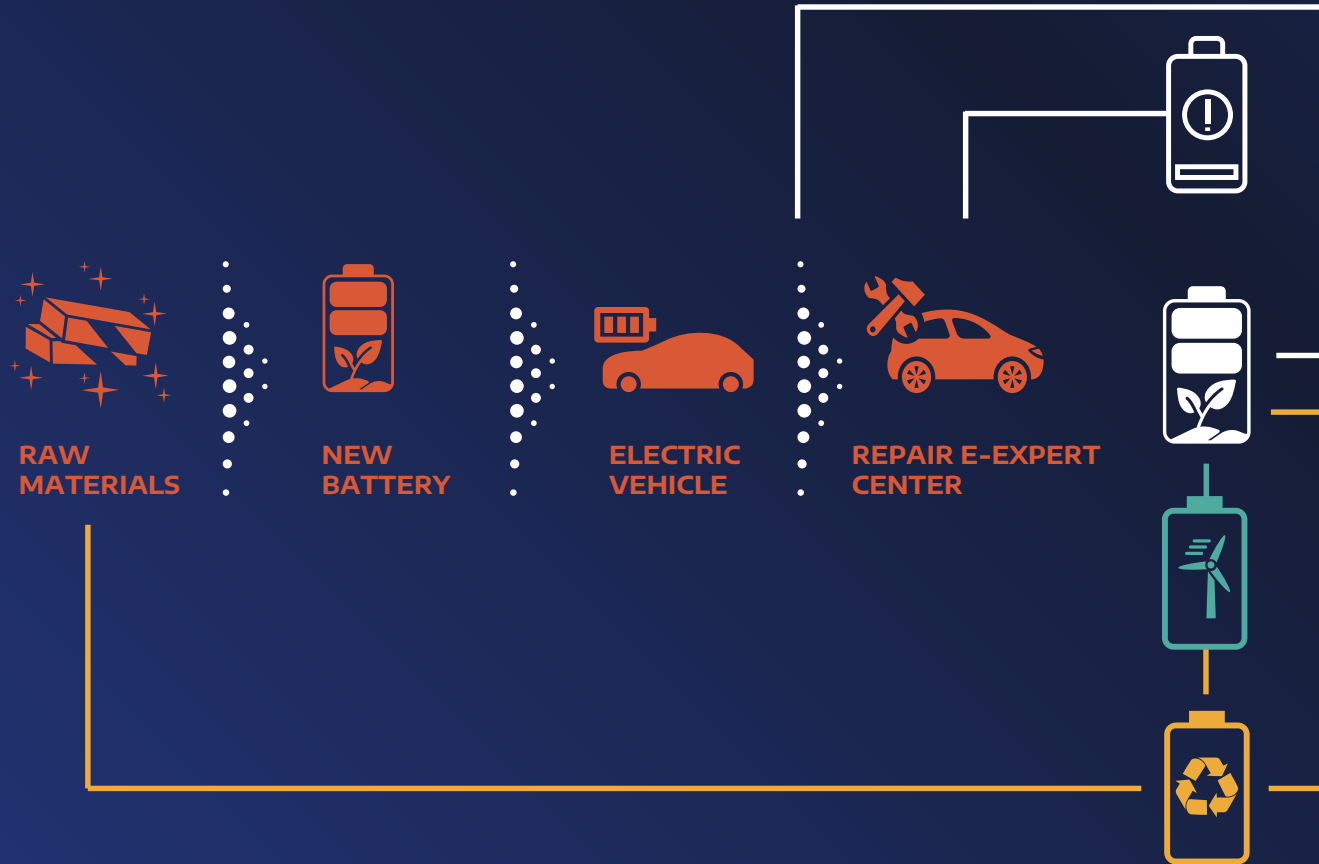
A scenic landscape featuring snow-capped mountains in the background, a calm lake in the middle ground, and a winding road in the foreground. The road is illuminated with glowing green light trails, suggesting an electric vehicle's path. The sky is a soft, hazy blue and pink, indicating dawn or dusk. The overall mood is serene and futuristic.

BATTERY REPAIR & REUSE

SUSTAINABLE BATTERY MANAGEMENT: FULL CIRCULAR STRATEGY



SUSTAINABLE BATTERY MANAGEMENT: FULL CIRCULAR STRATEGY



RE-PAIR



E-REPAIR CENTERS

RE-MAN



BATTERY EXPERTISE CENTER

RE-USE
SECOND LIFE



E MOBILITY CHARGING & STORAGE SOLUTIONS

RE-CYCLE
RAW MATERIALS



VOLUME GROWTH IN EUROPE

YTD 2021	100
BY 2030	5000
BY 2035	>500,000

A scenic landscape featuring snow-capped mountains in the background, a calm lake in the middle ground, and a winding road in the foreground. The road is illuminated with glowing green light trails, suggesting an electric vehicle's path. The sky is a soft, hazy blue, and the overall scene is bathed in a cool, blue-toned light.

BATTERY SUPPLY

STRATEGY

SUPPLY STRATEGY

2025

130+ GWh

3 GIGAFACTORIES
(EU+NA)

2030

260+ GWh

5+ GIGAFACTORIES
(EU+NA)

SUPPLIERS

ACC
+ CONTRACTS WITH CATL,
BYD, SVOLT, SAMSUNG, LGES

ACC
+ BEST IN CLASS SUPPLIERS



80+ GWh

170+ GWh



50+ GWh

90+ GWh

AVAILABILITY

GUARANTEEING OUR CUSTOMER'S DEMAND BY SECURING EV AVAILABILITY

UP
STREAM

MID
STREAM

DOWN
STREAM

MINING

REFINING

PRECURSOR

ANODE/CATHODE

CELL/MODULE

PACK



1 INITIATIVE FOR DIRECT « OFF-TAKE » CONTRACT WITH LITHIUM GEOTHERMAL BRINE PARTNERS US & EU

2 SUPPLY CONTRACT SECURITIZATION BY TIER 1 BATTERY SUPPLIERS FOR ANODE/CATHODE

3 RECYCLED RAW MATERIAL ACCESS BY SETTING UP PARTNERSHIP WITH RECYCLERS



THE FINANCIALS

GROW EAST

STELLANTIS LEV MIX* EXPECTED TO GROW FAST



2021 **14%**

4%

2030 **70%+**

40%+

* Forecasted LEV mix on total Stellantis passenger car and light-duty truck sales

INVESTMENTS

INVESTMENTS FOCUSED ON NEW TECHNOLOGIES

PLANNED TOTAL INVESTMENT* IN :

ELECTRIFICATION

SOFTWARE

> €30B FOR 2021-2025

STELLANTIS TARGETS
TO CONTINUE TO BE

30%

MORE EFFICIENT
THAN THE INDUSTRY**

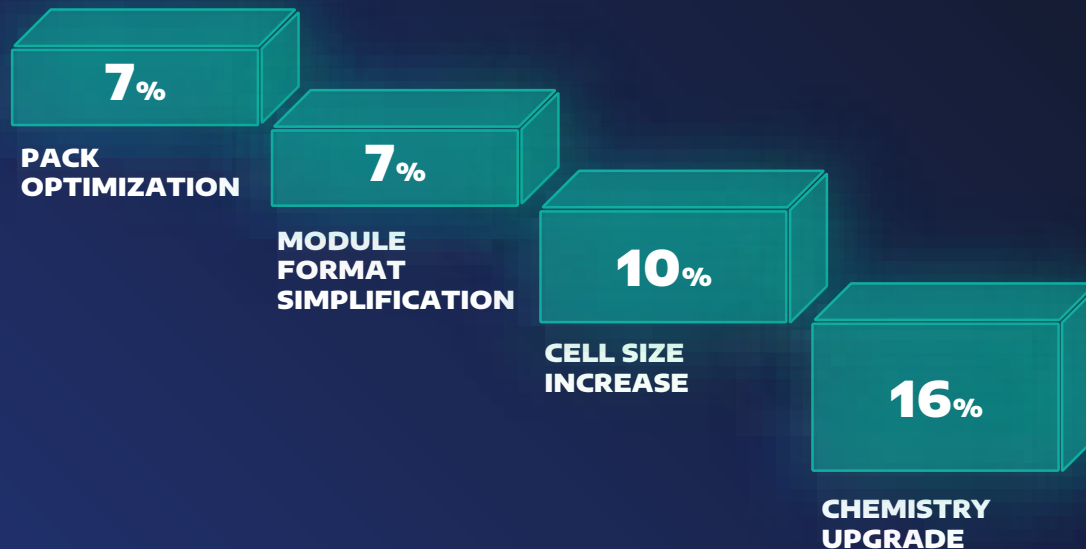
* Includes all consolidated Capex and R&D spending, as well as equity investments made in JVs to fund their activities

** Simple aggregation of FCA and PSA (excluding Faurecia) Capex plus R&D spend as a percentage of Industrial Revenues compared to the average of 6 large OEM competitors over the period 2017 – 2020

REDUCE

REDUCE BATTERY PACK COST* BY >40% BY 2024

TARGETING



Initial

>40%

**REDUCTION
BY 2024 VS. 2020**

Further

>20%

**REDUCTION
BY 2030 VS. 2024**

* Nickel based battery in €/kWh

AOI MARGINS

TARGETING SUSTAINABLE DOUBLE-DIGIT AOI MARGINS MID-TERM

OPPORTUNITIES/TAILWINDS



- Merger synergies
- LEV pricing improvement due to reduced total cost of ownership
- Reduced distribution costs
- Battery cost optimization
- Most capital efficient OEM
- New business models accretive
- Growth in China, India & Asia Pacific, Middle East & Africa and Maserati
- Break-even point reduction initiatives

**DOUBLE-DIGIT
TARGET**

~2026

~9%

H2 2020

aggregated *



RISKS/HEADWINDS

- Product cost increases due to increased LEV mix and ICE regulations
- Lower government incentives for LEV customers
- Industry volumes under pressure
- Raw material inflation

* Simple aggregation of FCA Adjusted EBIT and PSA (excluding Faurecia) Adjusted Operating Income as a percentage of aggregated revenues and does not reflect purchase accounting adjustments required by IFRS

EV2021
STELLANTIS DAY

