# Roadshow Presentation FY 2022

Mercedes-Benz Group AG

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#### **AGENDA**

- I. RESULTS FY 2022
- II. OUTLOOK FY 2023
- III. STRATEGY
  - 1. MERCEDES-BENZ CARS
    - 1.1 LUXURY STRATEGY
    - 1.2 ELECTRIFICATION & AUTOMATED DRIVING

- 2. MERCEDES-BENZ VANS
- 3. MERCEDES-BENZ MOBILITY

### Recap: Our strategic priorities for 2022



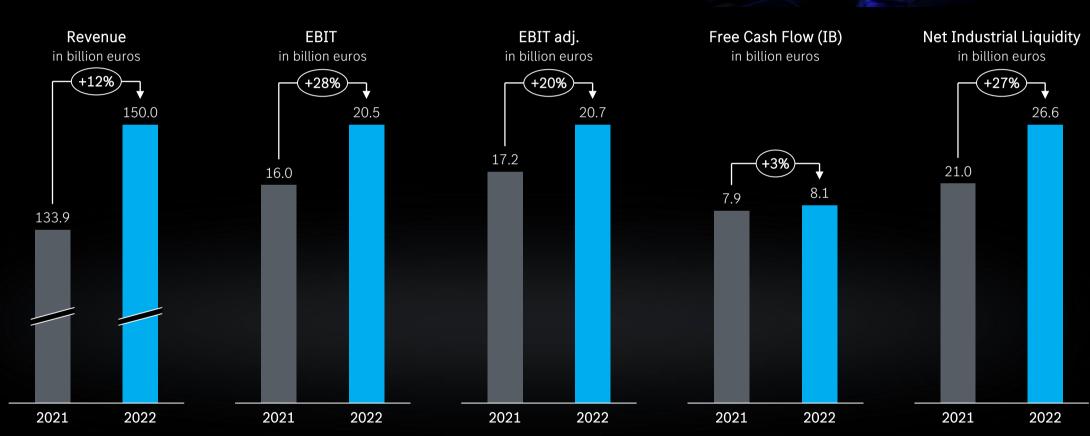
Scale electric vehicles Accelerate car software

Grow luxury business Alleviate supply constraints

Focus relentlessly on costs

#### Mercedes-Benz Group: Key figures\*





<sup>\* 2021</sup> figures continuing operations only; all figures preliminary and unaudited

#### Mercedes-Benz Cars: Key messages



**Performance**: Resilience in challenging environment, vigilance towards macroeconomics & geopolitics

**Profitability**: Improvement of revenue quality, cost efficiency & pricing power compensating inflation

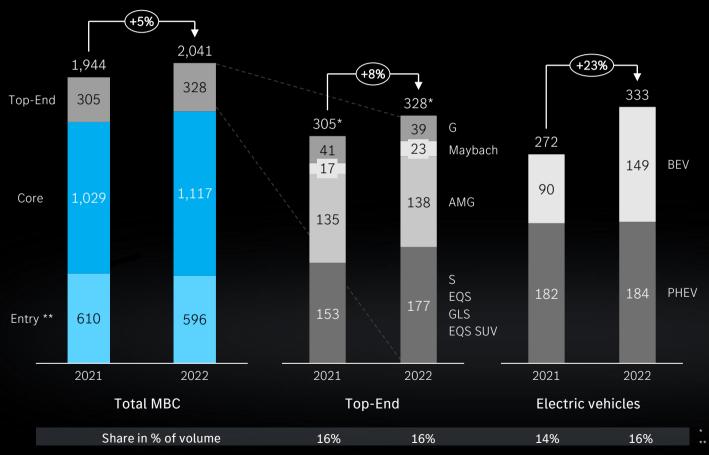
Products: world premiere of GLC, EQS SUV & EQE SUV

**Technology**: EQXX with new efficiency record, L3 system available in S-Class & EQS

**Transformation**: Global production and powertrain network realigned towards electric vehicles

# Mercedes-Benz Cars: Top-End and electric vehicle unit sales

In thousand units





<sup>\*</sup> w/o double counting (e.g. G63, S-Class, Maybach)

<sup>\*\*</sup> incl. smart

#### Mercedes-Benz Vans: Key messages



**Performance:** Global sales significantly increased despite geopolitical challenges & supply constraints

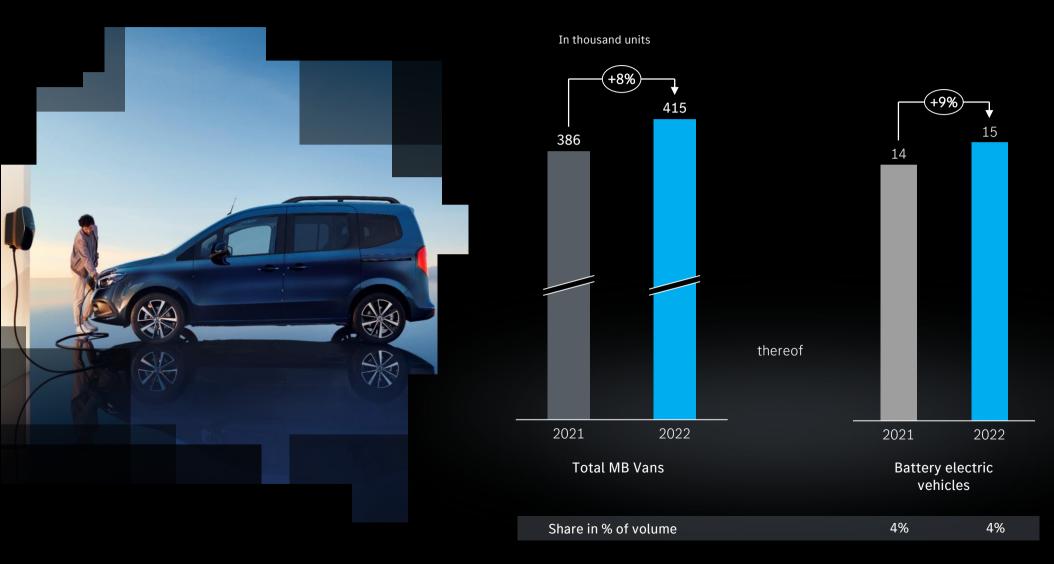
Profitability: Solid margin reflects healthy mix & pricing

**Products:** Sales start of new T-Class & world premiere of all-electric EQT

**Transformation:** Reorganization of global production network for electric vans decided

Strategy: Focus on lead in electrification sharpened

#### Mercedes-Benz Vans: Electric vehicle unit sales



Mercedes-Benz Group: Cars and Private Vans Internal data confirms CO<sub>2</sub> compliance 2022 in Europe\*



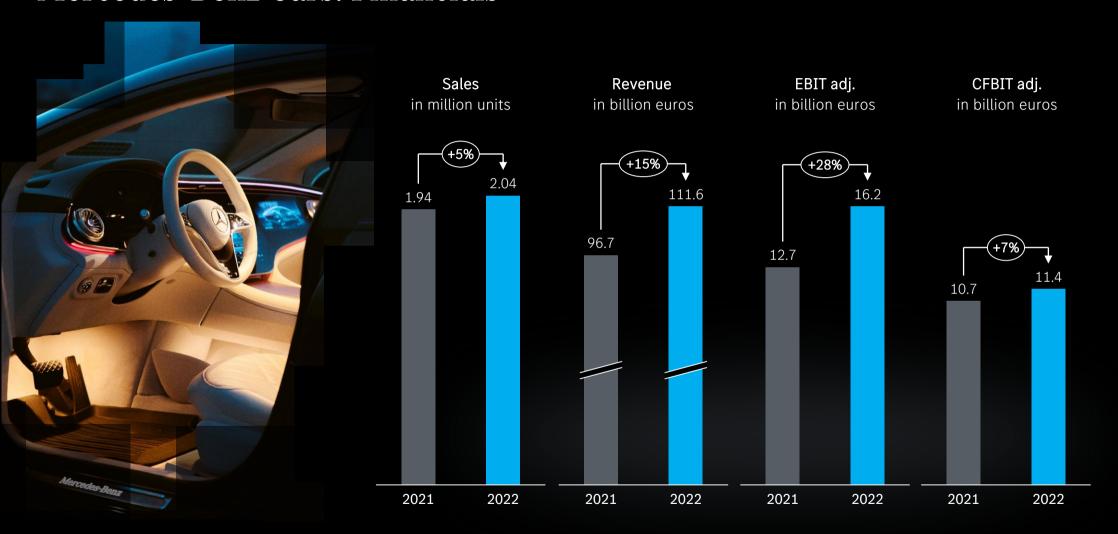


<sup>\*</sup> Average CO2 emissions of the total fleet of newly registered Mercedes-Benz cars in Europe (European Union, Norway and Iceland) in the reporting year as measured on the basis of the WLTP, i.e. including vans that are registered as passenger cars.

 $<sup>^{\</sup>star\star}$  Based on provisional European Environment Agency data (incl. Eco-Innovation)

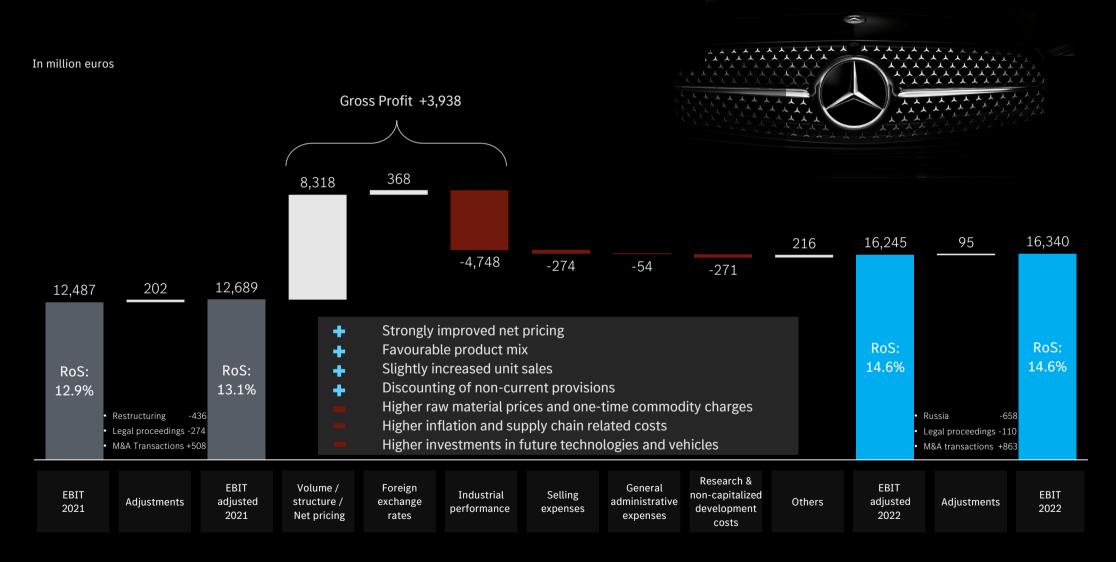
<sup>\*\*\*</sup> Based on internal Data (incl. Eco-Innovation)

#### Mercedes-Benz Cars: Financials

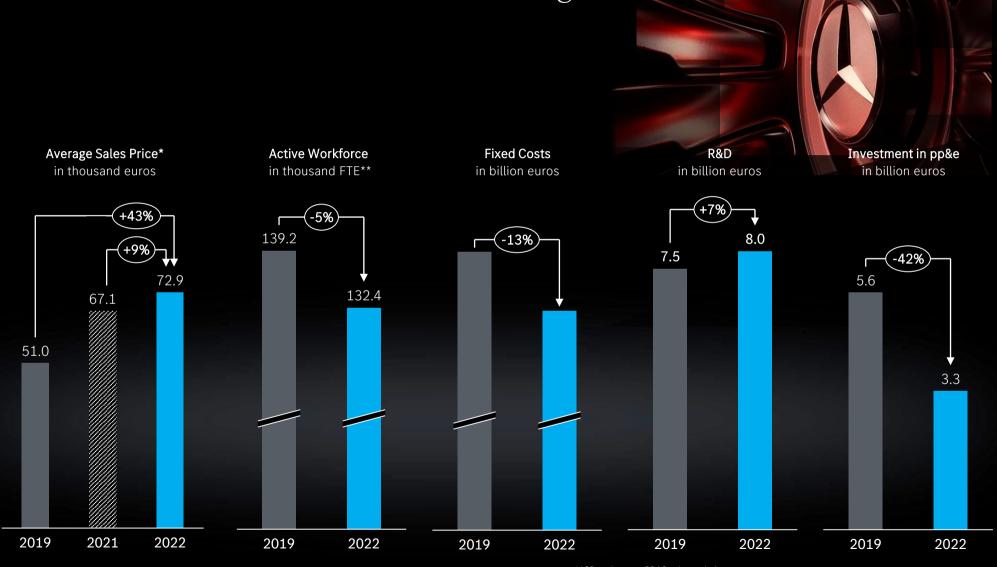


<sup>\*</sup> ASP in thousand euros excl. Smart, BBAC sales and pbp revenues

#### Mercedes-Benz Cars: FY EBIT & RoS

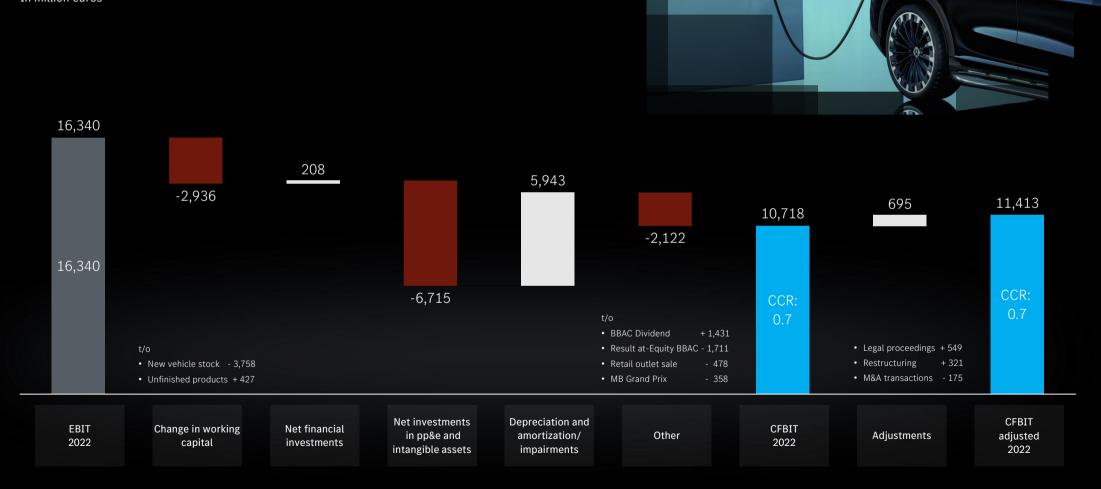


#### Mercedes-Benz Cars: Indicators of Change

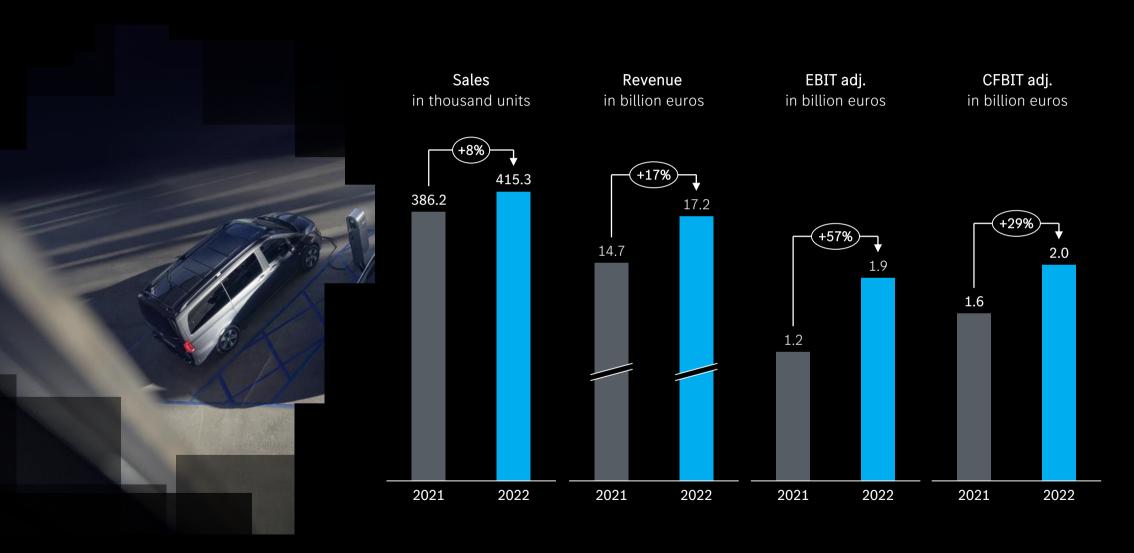


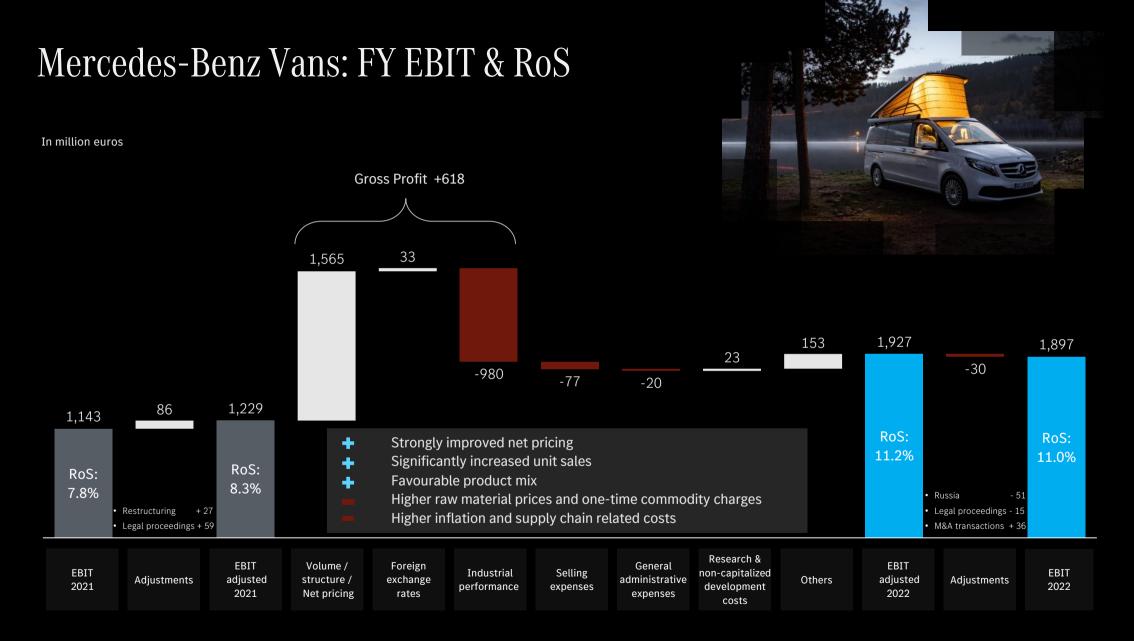
#### Mercedes-Benz Cars: EBIT to CFBIT

In million euros



#### Mercedes-Benz Vans: Financials

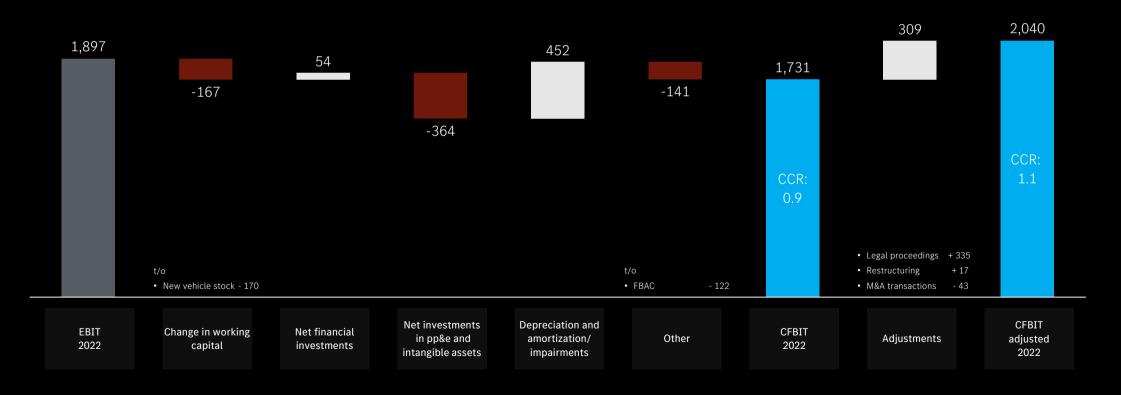




#### Mercedes-Benz Vans: EBIT to CFBIT

In million euros





#### Mercedes-Benz Mobility: Key messages

**Performance**: High portfolio quality results in low credit losses despite challenging environment

**Profitability**: Solid margins despite headwinds from higher interest rates and increase in cost of credit risk

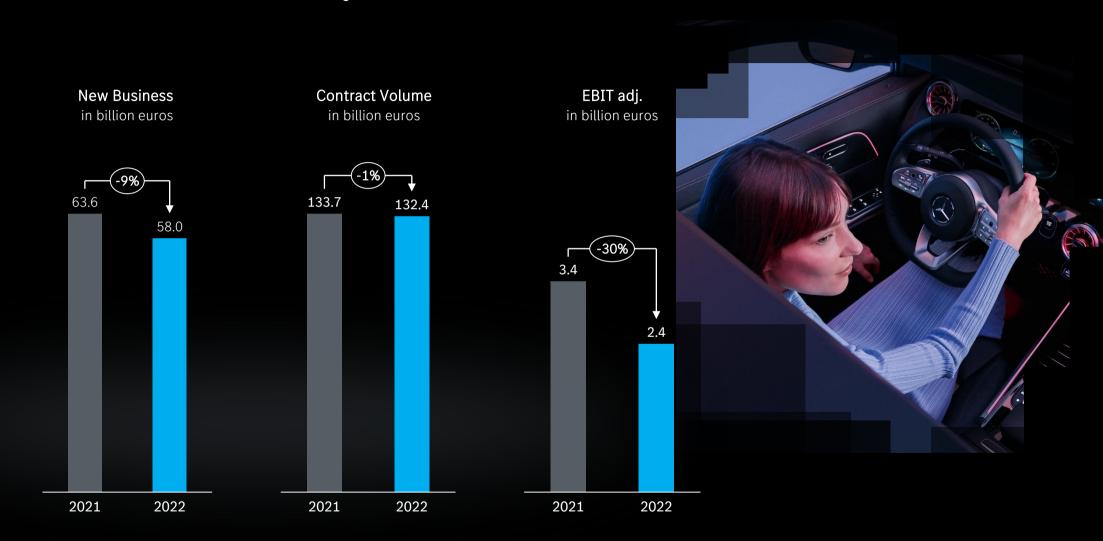
Fleet Management: Improved business performance

**Strategy**: Strong partner to Mercedes-Benz Cars and Vans supporting electrification strategy

**Transformation**: Truck Spin-off project successfully completed



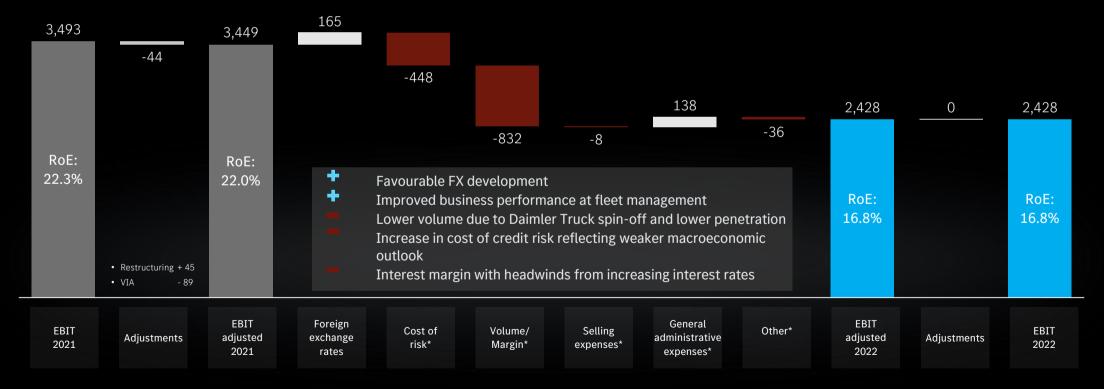
#### Mercedes-Benz Mobility: Financials



#### Mercedes-Benz Mobility: FY EBIT & RoE

In million euros

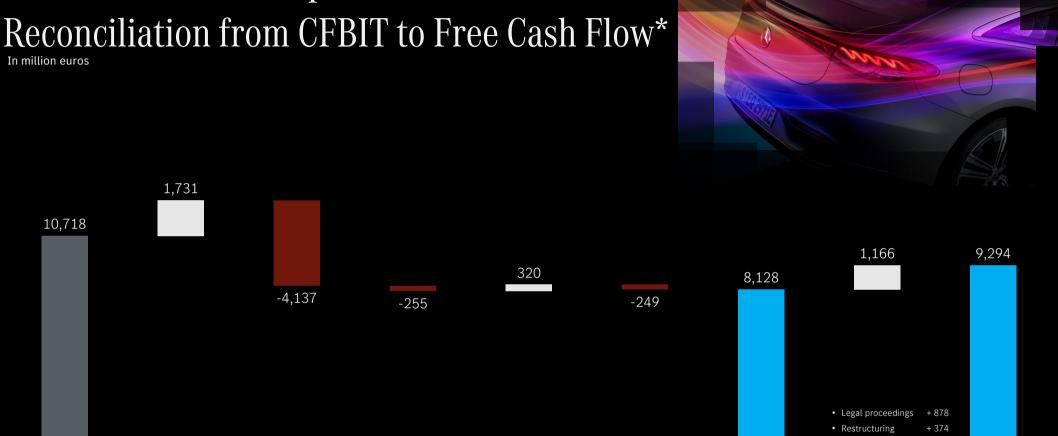




#### Mercedes-Benz Group: Group EBIT



# Mercedes-Benz Group:



Effects from

Pensions

Interest received

Other reconciling

item

Free cash flow

(industrial

business)

Mercedes-Benz

Cars

Mercedes-Benz

Vans

Income taxes

paid\*

- 86

· M&A transactions

Adjustments

Free cash flow

(industrial

business)

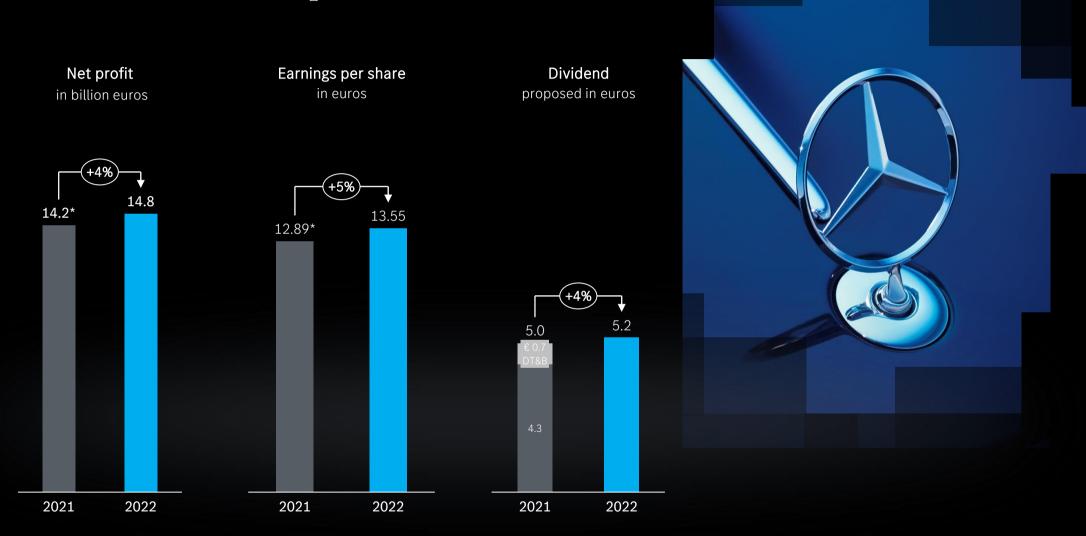
adjusted

<sup>\*</sup> includes internal tax prepayments from Mercedes-Benz Mobility to the industrial business

#### Mercedes-Benz Group: Net Industrial Liquidity\* In billion euros 6.4 11.4 0.3 26.6 -3.2 -6.8 21.0 -5.3 Free cash flow industrial business FY 2022: € 8.1 billion Additions to Depreciation and Net Industrial Investments in Net Industrial Earnings and other Working capital property, plant, Dividend payment Liquidity amortizations/ and disposals of Other\* Liquidity cash flow impact MBG impact equipment and 12/31/2021 impairments shareholdings 12/31/2022 intangible assets

 $<sup>^{\</sup>star}$  Mainly exchange rate effects, dividends from MBM and capital decreases at MBM

### Mercedes-Benz Group: Dividend



<sup>\* 2021</sup> figures excl. deconsolidation result

#### Mercedes-Benz Group: Share buyback

Strategic course set

Excess cash generation after addressing strategic priorities

Honouring dividend policy

Optimizing capital structure post spin-off

Buybacks funded by MBG's prevailing strong free cash flows and compatible with our strategic investment priorities

up to € 4 Billion max. 2 years starting March 2023

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#### Mercedes-Benz Divisional Guidance 2023

#### ASSUMPTION

The global economic conditions continue to be characterized by an exceptional degree of uncertainty. In addition to unexpected macroeconomic developments, uncertainties for the global economy and the business development of the Mercedes-Benz Group may arise in particular from geopolitical events and trade policy. Besides Russia's war in Ukraine, examples of this include a further exacerbation of tensions between the United States and China and a further deterioration of political relations between the European Union and China. In addition, as in the previous year, the further course of the Covid-19 pandemic, particularly in China, may lead to disruptions in global supply chains. Other availability bottlenecks, in particular those affecting semiconductors, remain a large source of uncertainty. Volatile energy and commodity prices, persistently high or repeatedly rising inflation rates, sharply rising interest rates and an even more pronounced slowdown in economic growth may also have an impact on the risks and opportunities described in the individual categories.

Unit Sales	Mercedes-Benz Cars	At prior-year level
	Mercedes-Benz Vans	At prior-year level
Return on Sales (adjusted*)	Mercedes-Benz Cars	12 to 14 %
	Mercedes-Benz Vans	9 to 11 %
	Mercedes-Benz Mobility (RoE)	12 to 14 %
Cash Conversion Rate** (adjusted)	Mercedes-Benz Cars	0.8 to 1.0
	Mercedes-Benz Vans	0.5 to 0.7
Investment in pp&e	Mercedes-Benz Cars	Significantly above
	Mercedes-Benz Vans	Significantly above
R&D expenditure	Mercedes-Benz Cars	Slightly above
	Mercedes-Benz Vans	Significantly above



<sup>\*</sup> The adjustments include material adjustments if they lead to significant effects in a reporting period. These material adjustments relate in particular to legal proceedings and related measures, restructuring measures and M&A transactions.

\*\* Adjusted Cash Flow before Interest and Taxes (CFBIT) divided by adjusted EBIT.

#### Mercedes-Benz Group Guidance 2023

#### **ASSUMPTION**

The global economic conditions continue to be characterized by an exceptional degree of uncertainty. In addition to unexpected macroeconomic developments, uncertainties for the global economy and the business development of the Mercedes-Benz Group may arise in particular from geopolitical events and trade policy. Besides Russia's war in Ukraine, examples of this include a further exacerbation of tensions between the United States and China and a further deterioration of political relations between the European Union and China. In addition, as in the previous year, the further course of the Covid-19 pandemic, particularly in China, may lead to disruptions in global supply chains. Other availability bottlenecks, in particular those affecting semiconductors, remain a large source of uncertainty. Volatile energy and commodity prices, persistently high or repeatedly rising inflation rates, sharply rising interest rates and an even more pronounced slowdown in economic growth may also have an impact on the risks and opportunities described in the individual categories.

Revenue At prior-year level

EBIT Slightly below

Free Cash Flow (Industrial Business) At prior-year level

CO<sub>2</sub> emission (g/km)\* Significantly below



27

<sup>\*</sup> Average CO2 emissions of the total fleet of newly registered Mercedes-Benz cars in Europe (European Union, Norway and Iceland) in the reporting year as measured on the basis of the WLTP, i.e. including vans that are registered as passenger cars.

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Strategic priorities for 2023



Safeguard our operating optimum

Continue scaling BEVs

Future-proof supply chains

Further upgrade customer experience

Maintain cost discipline

29

#### Three levers to sustainably improve our cash flow



#### "Free up cash"



## "Improve cash flow steering"



### "Establish cash flow culture"

- Reduction of working capital: from purchase to production to sales
- Joint optimization of inventories along the value chain
- Target: generate as much cash inflow as possible as early as possible and as little cash out as possible as late as possible

- Creating more transparency and visibility
- Integration of cash flow as an established part of our management and decision-making processes

- Cash flow as part of the Mercedes-Benz DNA: from management to employees
- Demonstrating how everyone can positively influence the cash flow in their day-to-day work
- Establishing cash flow orientation as the basis for responsible management of the scarce resource "money"

30

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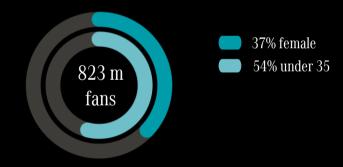
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#### Mercedes-Benz - The original and most valuable luxury car brand

Heritage:
Mercedes-Benz is built on constant reinvention

#### Formula 1: The power of F1 for our brand





Source: Interbrand Best Global Brands 2021

#### Zeitgeist relevance: There's no luxury without sustainability

Our sustainability goals:

2022

CO<sub>2</sub>-neutral Production\*

2025

Up to 50% xEVs

2030

ready to go all electric where market conditions allow

2039

Carbon neutrality\*

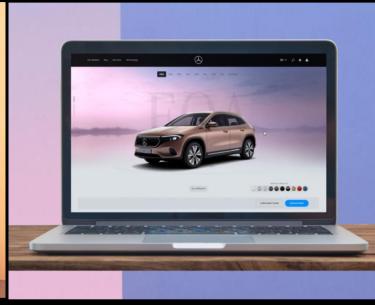


<sup>\*</sup> Partly including offsets

#### Understanding our customers







50%

more adults with wealth above 1 million USD (2020-2025)

Source: Credit Suisse, "Global Wealth Report 2021"

~180%

expected contribution from GenY & GenZ to total growth in personal luxury goods market from 2019 to 2025

Source: Bain, "2021 Luxury Goods Worldwide Market Study"

60%

of car buyers under the age of 45 are likely to purchase their next car online

Source: McKinsey & Company, "Digitization in automotive retail in 2021 and beyond"

### Approaching our customers

Specific Mercedes-AMG touchpoints continue to grow worldwide



Digitalisation drives the importance of the physical brand experience



Direct sales: one giant leap for our customers and for us



# Exclusivity: Significant progress with our top-end vehicles and increasingly electric with even more conquest potential

+27%

Top-end vehicle unit sales 2022 vs. 2019

~60%

Expected growth of top-end vehicle share of total Mercedes-Benz sales 2019-2026





# Desire for... TECH Digital innovations for China



### Our game plan: generate returns consistent with our luxury status

#### What we are going to do

- Focus on pricing power
- Optimise product portfolio
- Tap full potential of top-end segment
- Exit lower margin products and channels
- Control investment and capacity while driving up contribution margins



#### The financial Impact

- Drive ASP higher
- Find a superior operating equilibrium
- Structurally higher
   profitability and improved
   margin resilience
- Higher return on invested capital

### The power of pricing is part of our strategy

#### **Key Levers**

- Superior brand drives pricing power
- Strong products enable ambitious initial price setting versus competition
- Sustainable price escalation
- Tight **discounts**: from sales push to lifecycle management
- Direct sales model allows grip on pricing
- Clear objective to continually raise our net pricing yoy
- Ambition to compensate raw material cost increases via pricing
- >> We will continue to control pricing and supply even if competitors pursue a volume strategy



### Reshaped model portfolio will drive profitable sales growth

Mercedes-Benz Car Sales	2.3 m cars	1.9 m cars	2021-2026 CAGR approx. 5% p.a.	Change of segment share in 2026 vs. 2019
Top-End Luxury				Around +60%
Core Luxury				0 %
Entry Luxury				-25%
	2019	2021	2026	

40

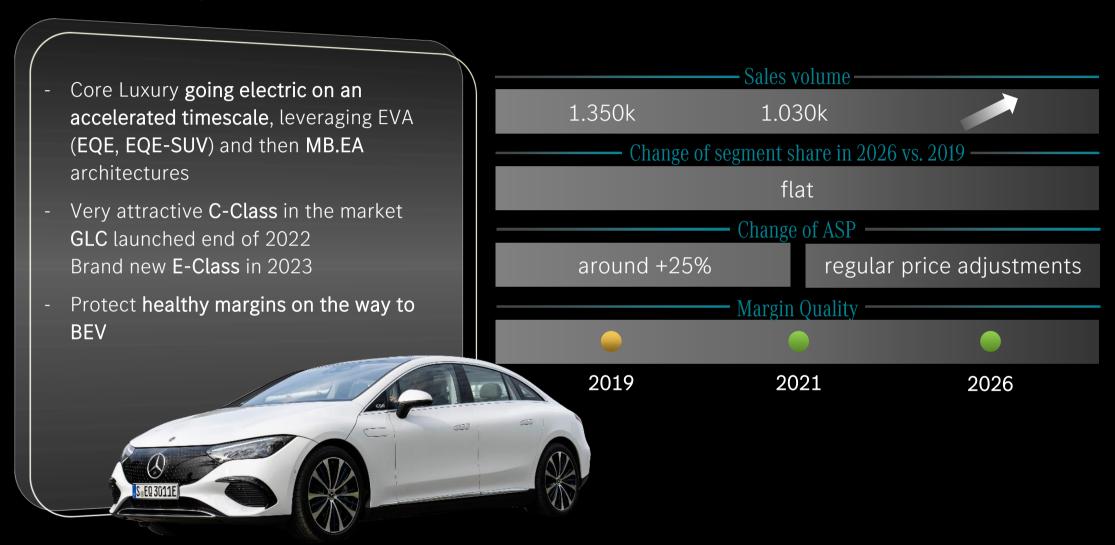
### Entry Luxury - Focus & Elevate

- Elevate to Entry Luxury
- Product range refocused on fewer and more upscale portfolio positions:
   4 bodystyles instead of 7
- The new entrance point of the portfolio
  is being redefined with the next
  generation of vehicles
- Margin threshold supports Group margin ambition



0

### Core Luxury - Grow & Refine



### Top-End Luxury - Expand & Enhance

- Starting point: Over 300k top-end luxury units with ASP of > € 100k and top-end profitability
- Sustainable segment growth
- Desirable products fueling growth:
   EQS, EQS-SUV, EQS-SUV Maybach,
   SL, GT, AMG-EA
- Ultra exclusive collectibles and luxury customer experience

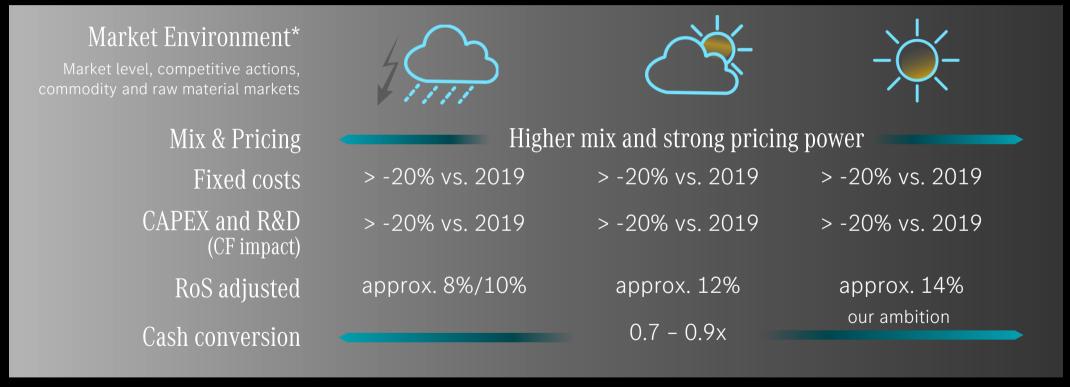


### Changing our economic equation

- Enhance ROIC: control the denominator while raising the numerator (operating and cash margins)
- Drive growth through high utilisation, ,reverse auction'
  of available capacity to build the most profitable
  models
- 75% of capital allocation focused on top-end and core segment where the returns are most promising
- **Intelligent and careful capital allocation** to build EV capabilities and supply chain



# Our financial ambitions for Mercedes-Benz Cars in 2025: structurally higher profitability and lower margin volatility



<sup>\*</sup> Market Environment compromises of the above listed external factors. There might also be situations, which are impossible for us to forecast and not covered within the weather chart e.g. "black swans" like Covid-19 in 2020. Major tectonic shifts on raw material side or on the geo-political side might be further potential examples. By the nature of these events providing a margin forecast for such extreme scenarios is not possible.

### Bottom line

We cannot control macroor world events. But we are redesigning & repositioning Mercedes-Benz to ensure a structurally more profitable company.



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## Ambition 2039 – our commitment to become CO2-neutral in the net effect across all stages of the value chain

Supply chain

Production & Logistics

Well-to-tank

Tank-to-wheel

End-of-life











CO<sub>2</sub>-neutral supply chain

CO<sub>2</sub>-neutral production & logistics

CO<sub>2</sub>-neutral energy generation

CO<sub>2</sub>-neutral vehicle operation

CO<sub>2</sub>-neutral recycling

### Mercedes-Benz will be ready to go

### all-electric

within this decade

### At the end of the decade, our focus will be on BEV only

By 2025, our customers will be able to choose an all-electric alternative for every model we make

It's our ambition to drive the plug-in hybrid & BEV share up to 50% in 2025. By the end of the decade, we will be ready to go all-electric where market conditions allow

We will use our unique brand position to grow economic value

- enhance product mix and pricing
- focus on most profitable models and regions
- drive loyalty and grow recurring revenues
- increase revenue per unit



#### The EQS: The first electric vehicle in the luxury class



Launched in 2021

WLTP ranges of up to 780 kilometres<sup>1</sup>

With its  $C_d$  figure<sup>2</sup> from as low as 0.20 the EQS is the world's most aerodynamic production car.

Drive powers from 245 to 385 kW. A performance version with up to 560 kW is being planned

Power for up to another 300 kilometres (WLTP) is recharged in just 15 minutes<sup>3</sup>

<sup>&</sup>lt;sup>1</sup>The electrical consumption (and information based thereon) has been determined on the basis of Commission Regulation (EC) 692/2008 according to NEDC and Commission Regulation (EU) 2017/1151 according to WLTP.

<sup>&</sup>lt;sup>2</sup> C<sub>d</sub> figure 0.20: EQS 450+ with 19-inch AMG wheel/tyre combination and AMG Line exterior (available in the EU from the end of 2021) in the SPORT drive program

<sup>&</sup>lt;sup>3</sup> Charging speed at DC fast charging stations with 500 amps

#### The EQE: The new business avant-garde



Range and electrical consumption have been determined on the basis of Commission Regulation (EC) No. 2017/1151/EU

Global launch: mid-2022

Depending on the on-board equipment and configuration, WLTP operating ranges of up to 654 kilometres\*

A lithium-ion battery with 10 cell modules is installed

In 15 minutes it is possible to charge the EQE with up to 35.55 kWh – this corresponds to a range of up to 250 kilometres based on the WLTP range\*

The battery certificate stands for the long service life of the high-voltage batteries. It is valid up to a term of ten years or up to 250,000 kilometres

### The EQS SUV: Redefined SUV luxury



Launch: Second half of 2022

WLTP ranges of up to 671 kilometres<sup>1</sup>

Lithium-ion battery with up to 12 cell modules

DC fast charging system with a charging capacity of up to 200 kW

In 15 minutes, power corresponding to a range of up to 250 kilometres<sup>2</sup> can be recharged on the basis of the WLTP range

The 6-phase design makes the permanently excited synchronous motor (PSM) on the rear axe particularly powerful. Its peak power is 265 kW.

<sup>&</sup>lt;sup>1</sup> 540-671 km are the provisional range figures of the EQS 450+ (WLTP: combined electric energy consumption: 22.9-18.2 kWh/100 km; combined CO2 emissions: 0 g/km). Range and electric energy consumption have been determined on the basis of Commission Regulation (EC) No. 692/2008.

<sup>&</sup>lt;sup>2</sup> figures for the EQS 450+ (WLTP: combined electric energy consumption: 22.9-18.2 kWh/100 km; combined CO2 emissions: 0 g/km). Range and electric energy consumption have been determined on the basis of Commission Regulation (EC) No. 692/2008.

### EQE SUV: High-tech and luxury meet versatility



Launch: First half of 2023

The multi-purpose variant of the EQE business saloon

WLTP ranges of up to 590 kilometres<sup>1</sup>

Lithium-ion battery of 10 cell modules

DC charging system with a charging capacity of up to 170 kW

In 15 minutes, power corresponding to a range of up to 220 kilometres<sup>2</sup> can be recharged on the basis of the WLTP range

The modular drive concept enables the EQE SUV to offer a wide range of maximum total drive outputs from 215 to 300 kW

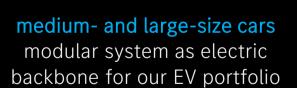
Mercedes-AMG EQE 53 4MATIC+ SUV (Provisional data WLTP | combined electrical consumption: 27.8-22.6 kWh/100 km; combined CO2 emissions: 0 g/km; Electrical range: 375-470 km)

<sup>&</sup>lt;sup>1</sup> Data on electrical consumption and range are provisional and were determined internally in accordance with the "WLTP test procedure" certification method. So far there are no confirmed figures from an officially approved testing organisation, nor any EC type approval or certificate of conformity with official figures. There may be differences between the stated figures and the official figures.

<sup>&</sup>lt;sup>2</sup> At DC fast charging stations with 500 amps based on WLTP range

## Three Mercedes-Benz EV-only architectures to be launched in 2025 Ready to go all-electric by the end of the decade\*







dedicated performance electric-vehicle architecture



for electric vans and light commercial vehicles

<sup>\*</sup> where market conditions allow

## Together with our partners, we will expand our activities in battery cells and systems

Our targets:

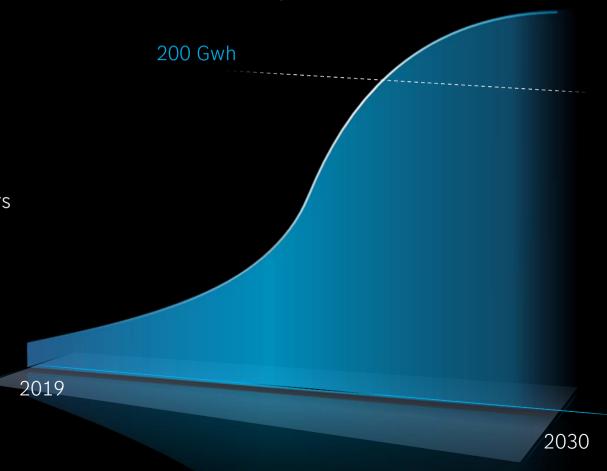
Capacity of more than 200 Gigawatt hours

Local for local strategy for battery cell production

- several battery partnerships with multiple providers

Our partners are:

CATL, FARASIS, ACC, AESC



Needed battery volume for all car lines

### By joining ACC, we build a European battery champion

We take a one third stake in Automotive Cells Company (ACC).

Our goal: Joint development and production of cells and modules in Europe.

ACC will reach a capacity of at least 120 Gigawatt hours in Europe by the end of the decade.

ACC will supply Mercedes-Benz with high-performance battery technologies from its production locations from mid of the decade.



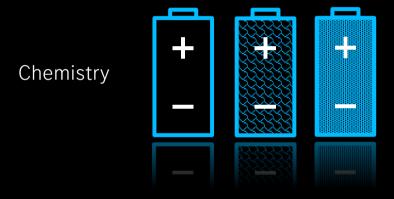
### Our batteries will be highly standardized

More than 90% of all future Mercedes-Benz vehicles will be based on a common battery platform

We are aiming for a modular battery system that consists of uniformly designed components and standard interfaces to the entire vehicle

Only two differentiating characteristics will create the necessary variance in terms of range, charging and life performance: cell chemistry and size

#### Differentiating factors



Size + +

### Developing the next generation battery cell technology

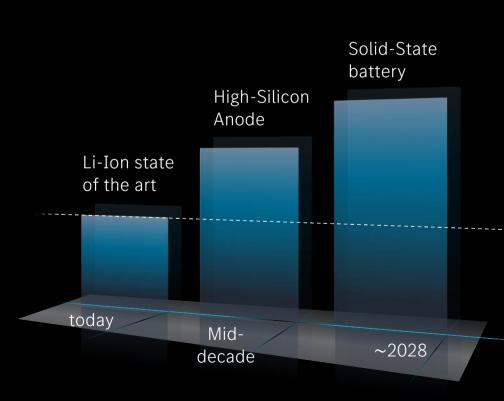
High-Silicon Anode: increasing energy density by using silicon-carbon composite in the anode

Solid-State: pushing energy density beyond limits of conventional lithium-ion cell, doubling energy capacity and reducing weight in same packaging space, enduring more charging cycles over lifetime

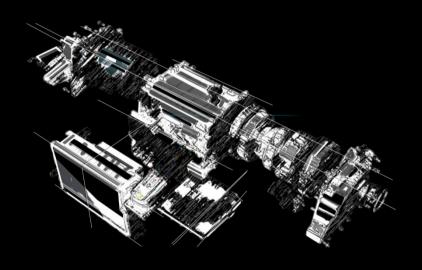
Several cooperations with existing and new partners like Sila, Prologium and Factorial to accelerate development of both technologies

Continuously integrating most advanced cell technology in our production cars, increasing range during lifecycle

Expected energy density



### In-house electric drive units are a key part of our strategy



eATS 2.0: In-house developed and built electric drive unit with radial motor: Outstanding performance for majority of key products.

Ultra-high performance axial flux motors for our forthcoming AMGs. Axial flux technology allows for unmatched power density, performance, acceleration.

Electric motor and power electronics company YASA Ltd. is a fully owned subsidiary of Mercedes-Benz.

The acquisition takes our electric drive tech to a new level.



### VISION EQXX - taking electric range and efficiency to an entirely new

level

Efficiency means achieving more from less. The VISION EQXX is packed with efficiency improvements that push the envelope with a mixture of advanced technology and talented teamwork.

Following its record-breaking maiden drive from Stuttgart to Cassis (France) in April 2022, the research vehicle set the bar even higher, with a 1,202-kilometre road trip from Stuttgart to Silverstone in the UK. Throughout the road trip, the VISION EQXX took advantage of its innovative thermal management system to achieve an average consumption of 8.3 kWh/100 km in the face of heavy traffic and summer temperatures.

#### VISION EQXX: key technical data at a glance

Battery energy content, usable	kWh	<100
Max. system voltage	Volts	>900
Energy consumption	kWh/100 km (miles/kWh)	8.3 (7.5)
c <sub>d</sub> value		0.17
Front face	m²	2.12
Power	kW	180
Wheelbase	mm	2,800
Length/width/height	mm	4,975/1,870/1,348
Unladen vehicle weight	kg	1,755



Mercedes-Benz to launch global branded high-power charging

network, starting in North America

More than 10,000 high-power chargers worldwide by the end of the decade

Convenient locations with amenities nearby

Accessible for drivers of all car brands

Green charging with Mercedes me Charge

Pre-booking and other benefits for Mercedes-Benz customers

With up to 350 kw charging power

Intelligent charge-load management keeps charging times to a minimum

Investment cost in North American just over 1 billion Euros, deployed over the next 6-7 years. The capital for this will be provided by Mercedes and MN8 in a roughly 50:50 split.



#### BEV cost reduction focus

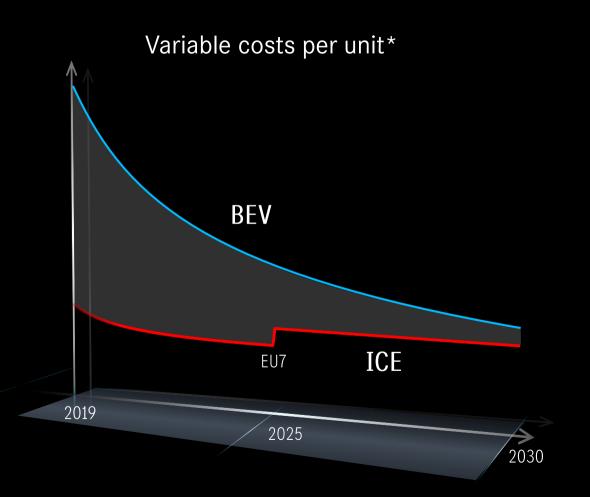
Key levers

Material and manufacturing cost reduction of 1% until 2025

Further cost reduction on electric drive train from 2025 to 2030

Decreasing cell costs and common battery platforms

Scalable modular electric only architectures



<sup>\*</sup> schematic and before mix change

### Radical shift in capital allocation – from EV-first to EV-only

Key levers

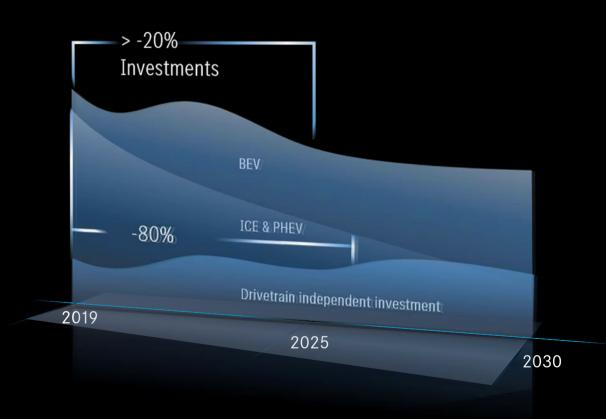
Additional investments for new BEV architecture MB.EA, AMG.EA, VAN.EA and intensified battery footprint

Radically reduced non-BEV investments

Capex share of investments decreasing

>20% investment reduction until 2025 and further decreases afterwards

CAPEX and R&D investments\*



### Fixed cost reduction targets stepped up

Key levers

Fixed cost development\*

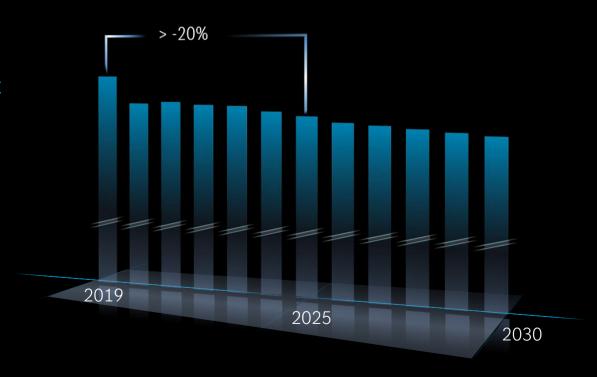
Covid 2020: significant fixed cost reduction

2021: temporary effects replaced by permanent measures

>20% fixed cost reduction until 2025 vs. 2019

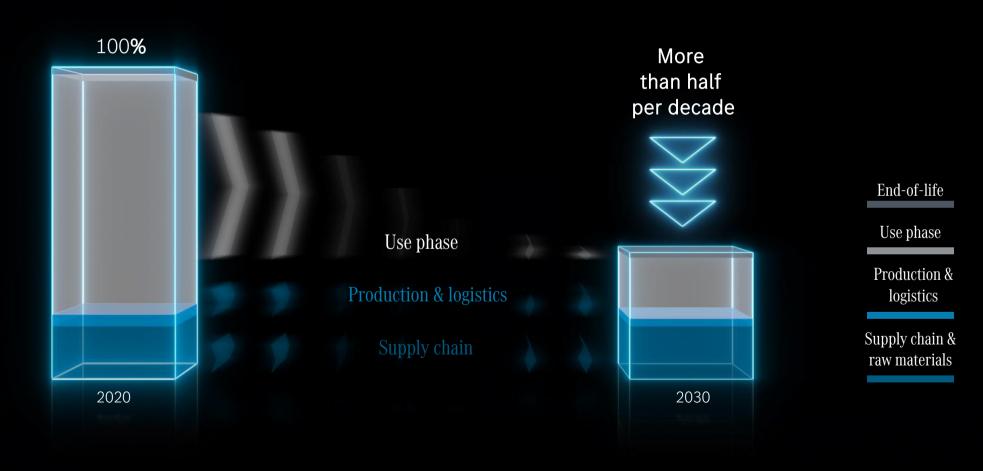
2025ff: digitization of all business areas

After 2025 further net reductions

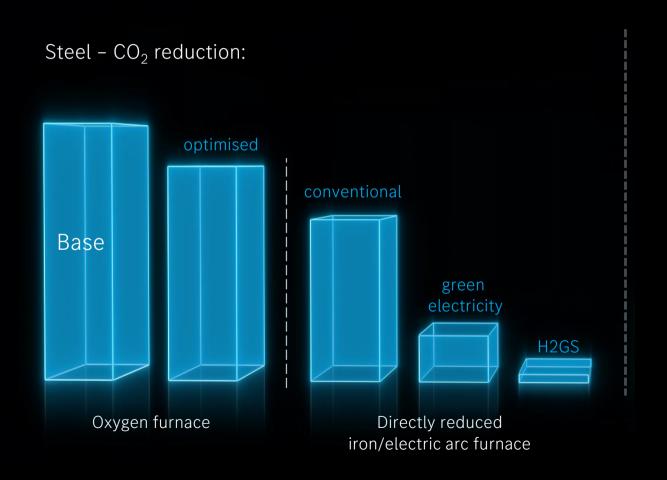


### We will at least halve lifecycle CO<sub>2</sub> emissions per vehicle in this decade

Mercedes-Benz Cars – on our way towards Ambition 2039 – we target the full lifecycle of the car



## We create sustainable supply chains for focus materials via technology changes



~90%

of our annual purchasing volume is supplied by companies that follow our ambition to become CO2 neutral\*

Further materials in focus:

Aluminium sheet/cast
Thermoplastics
Battery materials

\* Partly including offsets

## Mercedes-Benz has pledged to make vehicle production $\mathrm{CO}_2$ neutral this year $^1$

Together with our EV strategy, CO<sub>2</sub> neutral production<sup>1</sup> is a key driver of Ambition 2039

All Mercedes-Benz own plants worldwide are producing 100% CO<sub>2</sub> neutrally<sup>1</sup> in 2022

We plan to cover 70% of our energy needs through renewable sources<sup>2</sup> and will also produce energy on site

Mercedes-Benz global production network



<sup>&</sup>lt;sup>1</sup> Partly including offsets

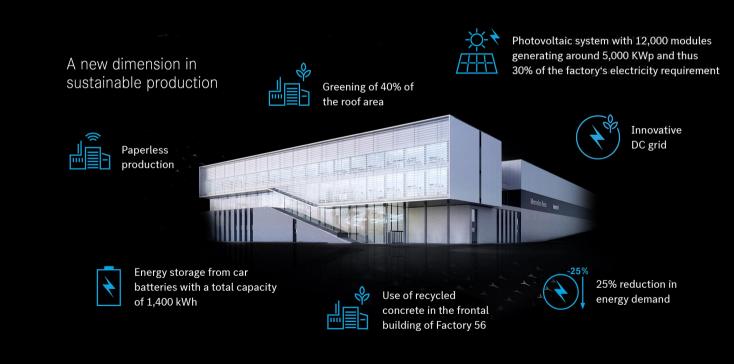
<sup>&</sup>lt;sup>2</sup> by 2030

## Our Factory 56 is a zero-carbon factory and serves as a blueprint for our global Mercedes-Benz production network

At our Factory 56 in Sindelfingen "producing sustainability" is already reality

The innovative energy concept includes a photovoltaic system, a DC power grid and energy storage based on reused vehicle batteries

Self-generated, green electric power is sufficient to cover about 30% of the factory's annual power requirements



### We are establishing a green and CO<sub>2</sub> neutral supply chain\*

In the future, raw materials for battery components only from IRMA-certified mines

Intention to partner with lithium producer Albemarle for future lithium supply, lithium recycling and reduction of  ${\rm CO_2}$  in lithium production

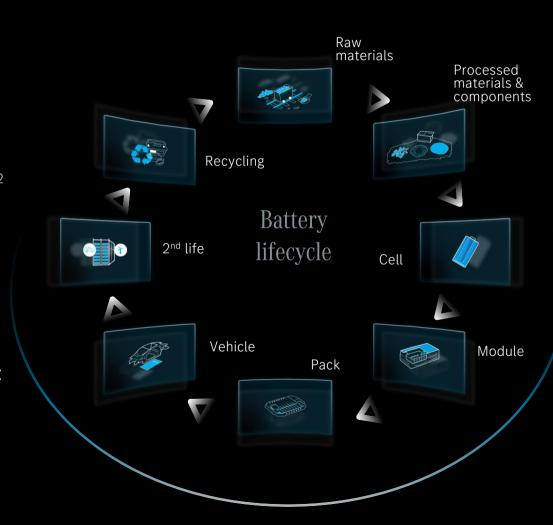
Direct sourcing of battery raw materials like nickel and cobalt under consideration

2020: Big River Steel reduced CO<sub>2</sub> emissions by >70% 2021:

Salzgitter AG reduces CO<sub>2</sub> emissions by >60%

2025: CO<sub>2</sub> free steel from H2 Green Steel

2026: CO<sub>2</sub> free steel from SSAB



70

<sup>\* \*</sup> Partly including offsets

## Circular economy: Closing the loop with our battery recycling factory in Kuppenheim

Own CO<sub>2</sub>-neutral recycling plant in Kuppenheim, southern Germany, is scheduled to ram up in 2023

Hydrometallurgy: Innovative technology increases recovery rate to more than 96%

Cooperation with high-tech partners in China and the U.S. ensures the closure of the recyclable materials loop worldwide



#### The transformation of our workforce



New technologies require a new area of expertise - 3,000 new jobs for software engineers

Just transition – Focus on fair solutions together with employee representatives

Shift of personnel among different plants

Job profiles of the future: The digital and electric transformation is changing all job profiles

Turn2Learn: Qualification push for continuing education at Mercedes-Benz worldwide to foster lifelong learning

Specific IT trainings for strategically important data and use cases: 450 positions for data workers

Attractive contractual framework offering innovative employment conditions

30% women in leadership positions until 2030

Hybrid working up to 100% where job conditions allow it

## Turn2Learn: unlimited possibilities for livelong learning



>1,300,000,000 € for qualification from 2022 until 2030

~1,300,000 hours of professional and personal training in 2021

**Ø** 1,000 € per employee/ year



in Germany





# Conditionally automated driving SAE-Level 3: DRIVE PILOT gives back time to customers

Mercedes-Benz is the first car company in the world to meet the UN-R157 regulation for conditionally automated driving.

Since May 2021, DRIVE PILOT can be ordered in Germany for the S-Class for around 6,000 EUR and for the EQS for around 8,800 EUR.

In the U.S., Nevada became the first state to confirm the compliance of DRIVE PILOT with state regulations. California to follow soon.

First cars will be delivered to U.S. customers in the second half of 2023.



Driving Assistance Package with DRIVE PILOT Rear Multi-Purpose Camera Parking Package with 360°-Camera Antenna Module Opening angle 50° Stereo Multi-Purpose Camera Opening angle 70° Front Long-Range Radar Opening angle 90° / 9° 12x Opening angle 120°

**Ultrasonic Sensors** 

360°-Camera 4 Single Cameras

Opening angle 180°

Moisture Sensor

**Driver Camera** 

Multi-Mode Radar Redundant Brake 4x, Opening angle 130°

Lidar

Opening angle 120°

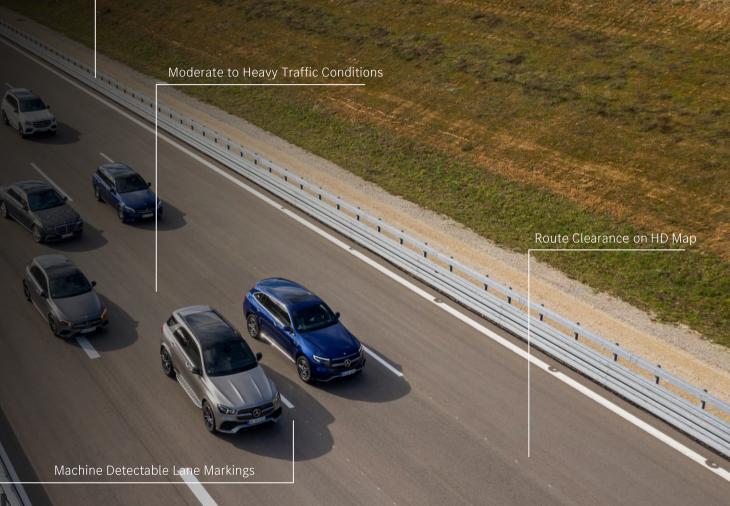
and Steering System

## General Design Rules of DRIVE PILOT

Appropriate Weather

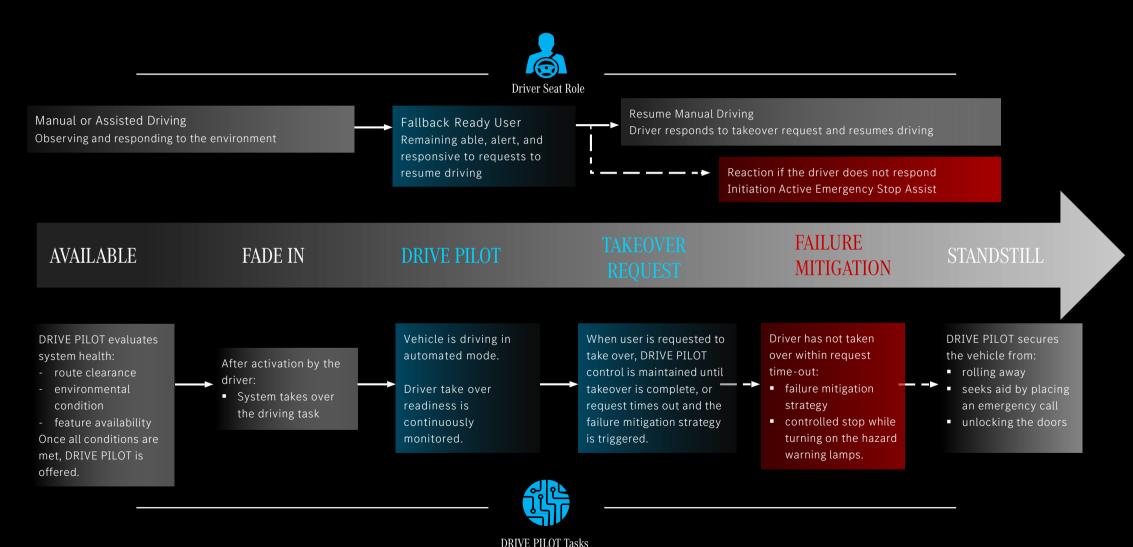
The "Operational Design Domain" (ODD) comprises the geographical area and conditions under which an automated driving system feature, such as DRIVE PILOT, is designed to operate.

- Road type
- Specific speed
- Machine-detectable lane markings
- The absence of tunnels, toll booths and traffic control devices (stop signs, traffic lights, etc.)
- Applicable legal requirements
   Mercedes-Benz aims to continually expand the ODD of DRIVE PILOT.



Physical Separation of Traffic Directions

## Functional description of DRIVE PILOT





### The four domains of MB.OS

Infotainment



MBUX Hyperscreen



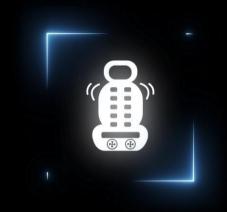
**Automated Driving** 



L3 DRIVE PILOT



Body & Comfort



**Energizing Comfort** 



**Driving & Charging** 

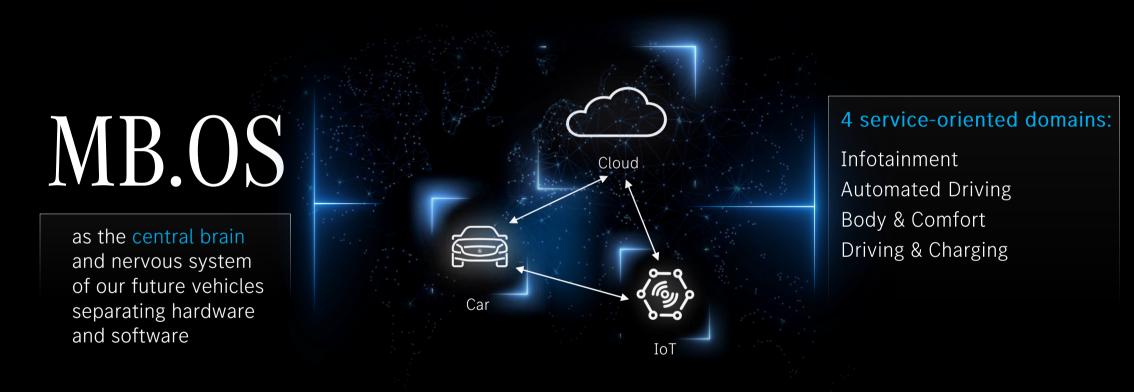


Powertrain & Charging SW



Example Features

## To sum it up what MB.OS is all about



Our chip-to-cloud stack enables real-time communication with our customers

## BBAC (Beijing Benz Automotive Cooperation) Joint Venture

#### **Key Facts**

- BBAC is based on a trustful partnership with our long-term partner BAIC
- BBAC is the largest Mercedes-Benz production facility in the world with local R&D for passenger cars.
- Product ranges from Compact, Midsize, and Large-mid Segment (E-Class)
  as well as PHEVs and fully electric vehicles such as EQA, EQB and EQC.
  Local production of EQE started in 2022.
- Engines as well as batteries are also produced locally
- The production is strongly integrated in the worldwide Mercedes-Benz network with a highly flexible production set up and shift models throughout the locations BBAC-Yishuang (BDA) and BBAC-Shunyi.
- BBAC-Shunyi is the new local production facility as of 2018 and part of the jointly invested expansion program of above 11.9 Bn RMB.
- Both partner (BAIC and Mercedes-Benz) sharing the investments for new products.
- CEO and CFO are appointed by Mercedes-Benz.
- MB contribution by locally produced cars are generated via (i) supplies, (ii) royalties, and (iii) at equity results (see right chart).

BBAC Figures disclosed by MBG			In EUR millions
	2019	2020	2021
Sales Volume (in thousand units)	567	611	561
Revenue	20,177	21,774	21,288
Profit from continuing operations after taxes	2,702	2,900	3,205
BBAC Equity Result MB	1,295	1,335	1,553
BBAC Dividend MB	1,137	1,718	1,523

#### **AGENDA**

- I. RESULTS FY 2022
- II. OUTLOOK FY 2023
- III. STRATEGY
  - 1. MERCEDES-BENZ CARS
    - 1.1 LUXURY STRATEGY
    - 1.2 ELECTRIFICATION & AUTOMATED DRIVING

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- 2. MERCEDES-BENZ VANS
- 3. MERCEDES-BENZ MOBILITY

## Mercedes-Benz Vans Strategy

Our Goal

We offer the world's most desirable vans and services

Our Strategic Pillars

#### Target

premium segments and focus on profitable growth

#### Embrace

customers and grow lifetime revenues

#### Lead

in electric drive and digital experience

#### Lower

total cost base and improve industrial footprint

Guided by economic, environmental and social sustainability

Our Guiding Principles

Accelerated by digitalization and data-driven business

Driven by a highly qualified and motivated team

We are a highly profitable part of the Mercedes-Benz Group.

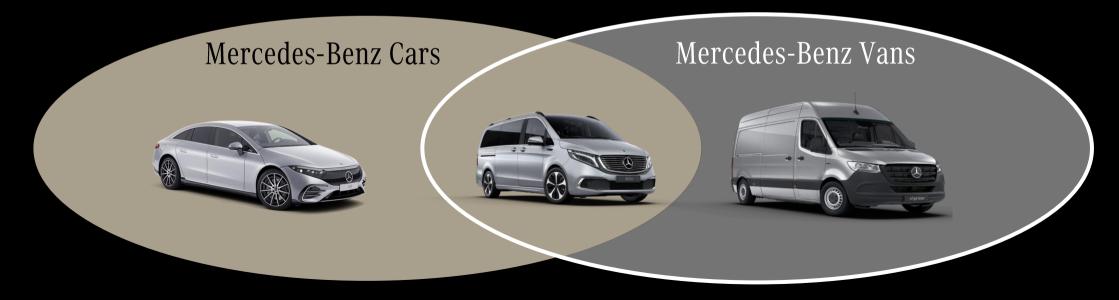
DESIRE is our common goal. We follow the Mercedes-Benz Luxury

Strategy for private vans and pursue a Premium Strategy for commercial vans

Luxury Strategy

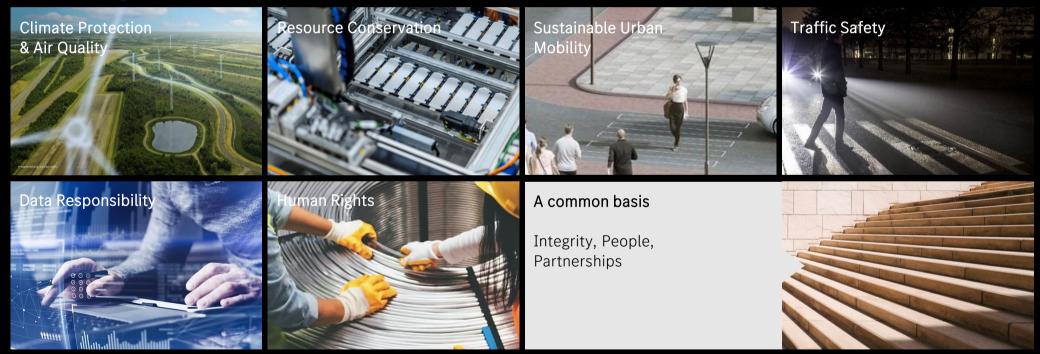
DESIRE

Premium Strategy



For us, sustainability means permanently creating value for all stakeholder groups. Economic, environmental, and social responsibility go hand in hand – along the entire value chain.

#### Our focus topics



## Strategy Priority: Electrifying Mercedes-Benz Vans

Mercedes-Benz Vans is fully committed and dedicated to electrification Holistic Approach: From small over mid-size to large, we electrify every van segment



<sup>\*</sup> Power consumption combined (WLTP): 18.99 kWh/100 km; combined  $CO_2$  emissions (WLTP): 0 g/km; The values given are the calculated "WLTP  $CO_2$  values" in accordance with Art. 2, No. 3 of Implementing Regulation (EU) 2017/1153. Fuel consumption figures have been calculated on this basis. Electrical consumption and range were determined on the basis of Directive 2017/1151/EU.

### The new Mercedes-Benz eSprinter

With the new eSprinter, Mercedes-Benz Vans is consistently implementing its new strategy and underlining its claim to leadership 'Lead in Electric Drive'



- The requirements were defined in close cooperation with our customers: With three battery and several body variants from panel vans to chassis for box bodies, for example, the new eSprinter will be much more flexible and open up both new customer segments and markets (including the USA and Canada).
- The range will more than double compared to the current eSprinter, depending on the configuration.

87

#### **AGENDA**

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- 2. MERCEDES-BENZ VANS
- 3. MERCEDES-BENZ MOBILITY

## Mercedes-Benz Mobility Strategy

#### WE MOVE YOU INTO A NEW ERA!

## Electrify Our Future

Sustainability Electrification Service Income

## Excite Our Customers

Seamlessly
integrated customer
experience

## Power Up Our Business

End-to-end automation & digitization

#### Go For Data

Data-driven company

#### Imagine It, Do It, Live It!

Transformation & High-performance culture

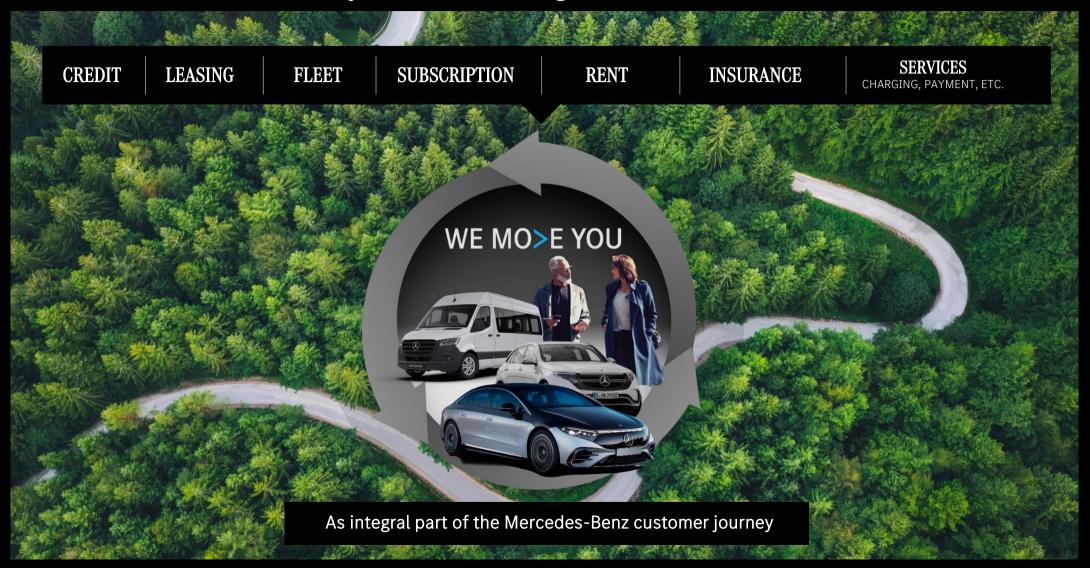
89

### Mercedes-Benz Mobility Role & Contribution



As an integral part of Mercedes-Benz, we secure the company's position as a global leader by leveraging customer data and insights generated through our numerous touchpoints with our clients. We retain them in the Mercedes-Benz ecosystem and offer services that are in great demand to create additional income and to drive recurring revenues.

## Mercedes-Benz Mobility Product Range



#### Disclaimer

This document contains forward-looking statements that reflect our current views about future events. The words "anticipate", "assume", "believe", "estimate", "expect", "intend", "may", "can", "could", "plan", "project", "should" and similar expressions are used to identify forward-looking statements. These statements are subject to many risks and uncertainties, including an adverse development of global economic conditions, in particular a decline of demand in our most important markets; a deterioration of our refinancing possibilities on the credit and financial markets; events of force majeure including natural disasters, pandemics, acts of terrorism, political unrest, armed conflicts, industrial accidents and their effects on our sales, purchasing, production or financial services activities; changes in currency exchange rates, customs and foreign trade provisions; a shift in consumer preferences towards smaller, lower-margin vehicles; a possible lack of acceptance of our products or services which limits our ability to achieve prices and adequately utilise our production capacities; price increases for fuel, raw materials or energy; disruption of production due to shortages of materials or energy, labour strikes or supplier insolvencies; a decline in resale prices of used vehicles; the effective implementation of cost-reduction and efficiency-optimisation measures; the business outlook for companies in which we hold a significant equity interest; the successful implementation of strategic cooperations and joint ventures; changes in laws, regulations and government policies, particularly those relating to vehicle emissions, fuel economy and safety; the resolution of pending governmental investigations or of investigations requested by governments and the outcome of pending or threatened future legal proceedings; and other risks and uncertainties, some of which are described under the heading "Risk and Opportunity" Report" in this Annual Report. If any of these risks and uncertainties materialises, or if the assumptions underlying any of our forward-looking statements prove to be incorrect, the actual results may be materially different from those we express or imply by such statements. We do not intend or assume any obligation to update these forward-looking statements since they are based solely on the circumstances at the date of publication.

Mercedes-Benz