

# ESG Capital Market Presentation

Mercedes-Benz Group AG

December 2023

#### AGENDA

ESG SUSTAINABLE BUSINESS STRATEGY E CLIMATE & DECARBONISATION STRATEGY SUSTAINABLE SUPPLY CHAINS S PEOPLE PLAN SUSTAINABLE CORPORATE GOVERNANCE G SUSTAINABLE FINANCE

# SUSTAINABLE BUSINESS STRATEGY

ECOLOGICAL, SOCIAL, ECONOMICAL

#### Mercedes-Benz Group AG\*

Revenue: €150.0 billion Employees: 168,797\*\*

Mercedes-Benz

Cars

Revenue: €111.6 billion Employees: 135,388



MAYBACH



MERCEDES-EQ

Mercedesme

Mercedes-Benz Vans

Revenue: €17.2 billion Employees: 19,137



Mercedes-Benz Mobility

Revenue: €27.0 billion Employees: 9,850

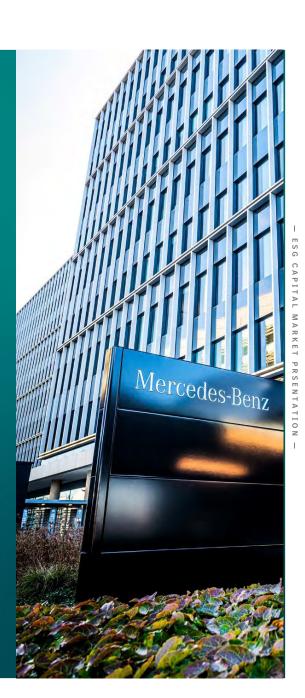
Mercedes-Benz Bank

Mercedes-Benz Financial Services



Mercedes pay

Mercedes-Benz Rent



# - ESG CAPILAL MARKEL PR

#### SUSTAINABILITY IS A GUIDING PRINCIPLE OF OUR STRATEGY

#### OUR GOAL: WE WILL BUILD THE WORLD'S MOST DESIRABLE CARS

#### THINK

and act like a luxury brand

#### FOCUS

on profitable growth

#### EXPAND

customer base by growing Top-End Luxury

#### EMBRACE

customers and grow lifetime revenues

#### LEAD

in electric drive and digital experience

#### LOWER

cost base, improve industrial footprint and increase supply chain resilience

Driven by a highly qualified and motivated team

Sustainability, Integrity and Diversity as our foundation

#### SUSTAINABLE BUSINESS STRATEGY: ECOLOGICAL, SOCIAL, ECONOMICAL



- MERCEDES-BENZ GROUF

# CLIMATE & DECARBONISATION STRATEGY

MAKING OUR FLEET OF NEW PASSENGER CARS NET CARBON-NEUTRAL BY 2039.

#### AMBITION 2039 - OUR COMMITMENT TO NET CARBON-NEUTRALITY

#### ALONG THE ENTIRE VALUE CHAIN IN THE NEW VEHICLE FLEET IN 2039



TODAY'S PROPORTIONAL CO<sub>2</sub> IMPACT ALONG THE VALUE CHAIN

 $49.7~{\rm tCO_2}$  in  $2020~-~47.8~{\rm tCO_2}$  in  $2022~-~{\rm more~than~half~per~decade}$ 

WE ARE ON TRACK

#### MERCEDES-BENZ CLIMATE TRANSITION ACTION PLAN AT A GLANCE

#### NET CARBON-NEUTRALITY ALONG THE ENTIRE VALUE CHAIN IN THE NEW VEHICLE FLEET IN 2039

End-of-life

Well-to-tank

Tank-to-wheel

Logistics

Production

Supply chain

Mercedes-Benz offers
battery-electric vehicles
(BEVs) in all segments
where the brand is
represented

Net carbon-neutral production in company-owned Mercedes-Benz production plants worldwide

Increase the share of plugin hybrids and all-electric vehicles at Mercedes-Benz Cars to up to 50%<sup>1</sup> by mid-decade

Aiming for an EV share of up to 20% at Mercedes-Benz Vans by 2026<sup>1</sup>

All new vehicle architectures are electric

There is an all-electric alternative for every model offered by Mercedes-Benz

Reduction of the CO<sub>2</sub> emissions per car in the new vehicle fleet by at least 50% along all stages of the value chain by end of the decade<sup>1,2</sup>

Aiming for an EV share of more than 50% at Mercedes-Benz Vans by 2030<sup>1</sup>

Mercedes-Benz Cars will be ready to go all-electric - wherever market conditions allow

Increase the share of the energy requirement in own Mercedes-Benz production plants which is met through renewable energies: Cars 70%, Vans 80%

Reduce CO<sub>2</sub> emissions in the Mercedes-Benz plants (Scope 1 and 2) by 80% compared to 2018

#### Ambition 2039

A fleet of new Mercedes-Benz vehicles that are net carbonneutral along all stages of the value chain

2022

2025

2030

2039

#### AMBITION 2039 - OUR COMMITMENT TO NET CARBON-NEUTRALITY

#### ALONG THE ENTIRE VALUE CHAIN IN THE NEW VEHICLE FLEET IN 2039





Production & logistics



Well-to-tank



Tank-to-wheel



End-of-life



Steel

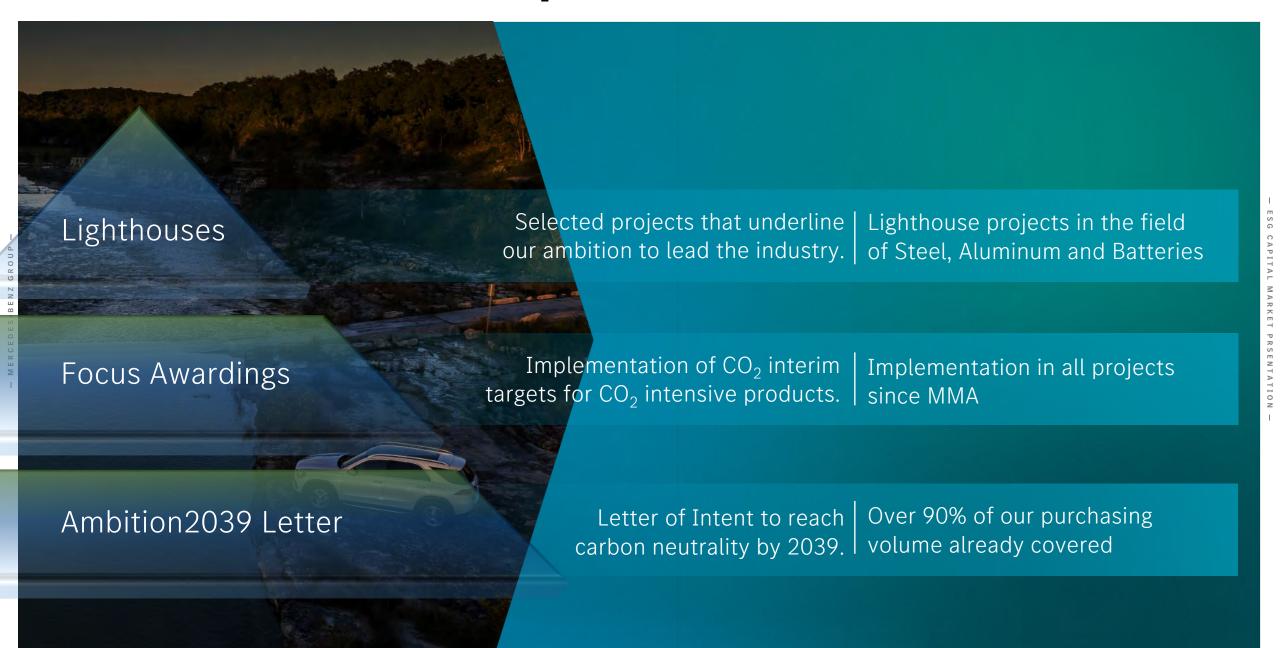
Aluminium

Plastics

Raw materials

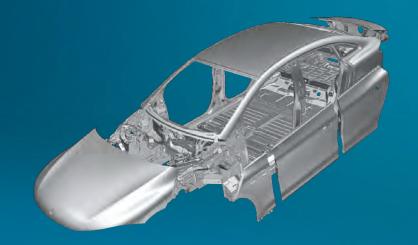
Battery

#### LEVERS TO ENSURE CO2 REDUCTION IN OUR SUPPLY CHAIN

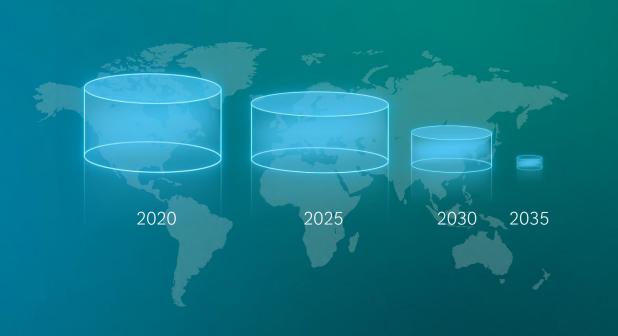


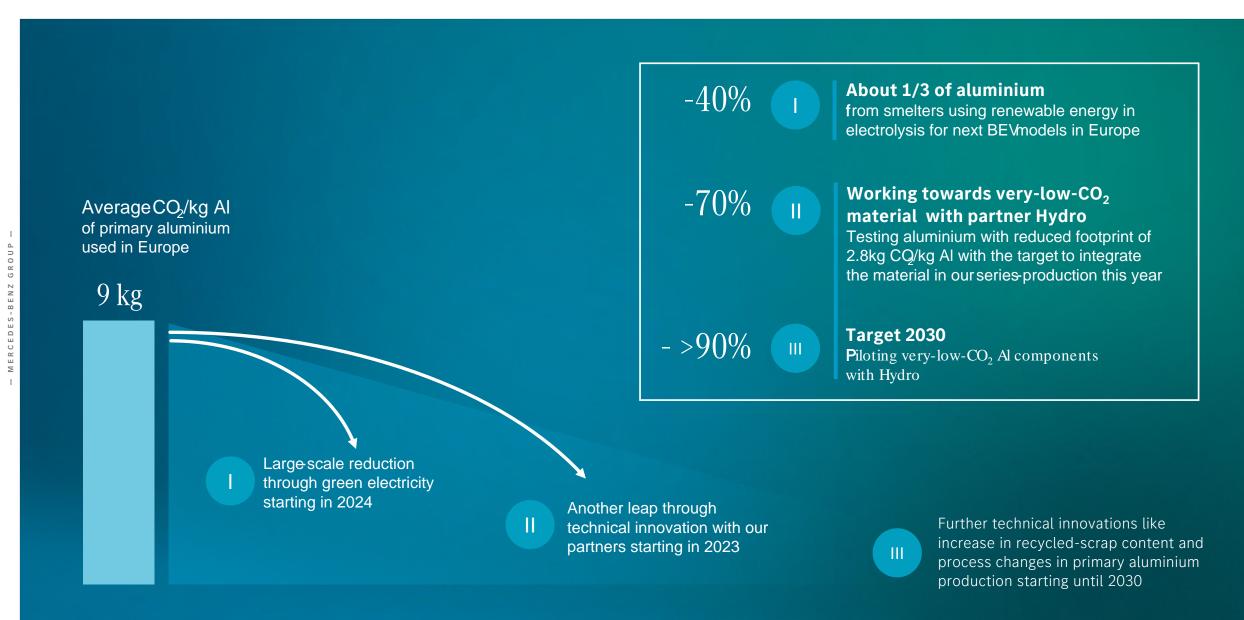
First parts for passenger cars manufactured using fossil-free primary steel

Structural parts for upcoming BEVs



STEEL CO<sub>2</sub>-REDUCTION PATHWAY





ESG CAPITAL MARKET PRSENTATION —

#### INNOVATIVE MATERIAL TRENDS: POLYMERS, CHEMICAL RECYCLING, BIO-CIRCULAR

## FIRST IMPLEMENTATION OF RECYCLING TECHNOLOGIES IN 2022

Upcycling // UBQ Materials

**Converting household waste** into thermoplastic material:

Cable ducting in EQS and EQE

Mass Balance Materials closing the loop //
Chemical recycling with BASF & Pyrum

Turning used car tyres into new plastic parts:

Bow door handles in S-Class and EQE



MERCEDES-BENZ GROUP

#### AIMING FOR 40% RECYCLED-MATERIALS CONTENT BY 2030

#### 360° ENVIRONMENTAL CHECK MERCEDES-BENZ EQS

Recycling process **saving CO<sub>2</sub>** compared to virgin products:

186 components plus parts from less-resource-consuming materials

Old fishing nets, fabric remnants from mills and carpets





#### RAW MATERIALS: SOURCING STRATEGY TO MITIGATE SUPPLY RISKS

#### SECURING DEMANDS DIRECTLY AND INDIRECTLY



"Local-for-local" approach

Source raw materials that are **responsibly extracted** and produced
in our supply chain with a **low carbon footprint** 

Increase secondary material content



## Strengthened cooperation along electric vehicle value chain

focusing on long-term cooperation in raw materials

#### Natural resources development

Cooperation with strategic partners, e. g. for lithium hydroxide with German-Canadian Rock Tech Lithium Inc.

Local-for-local strategy with partners and new cell factories around the world

#### **Envision AESC**

- Cell production in Bowling Green, USA
- Cell production in Caceres, Spain

#### CATL

- New plant in Debrecen, Hungary

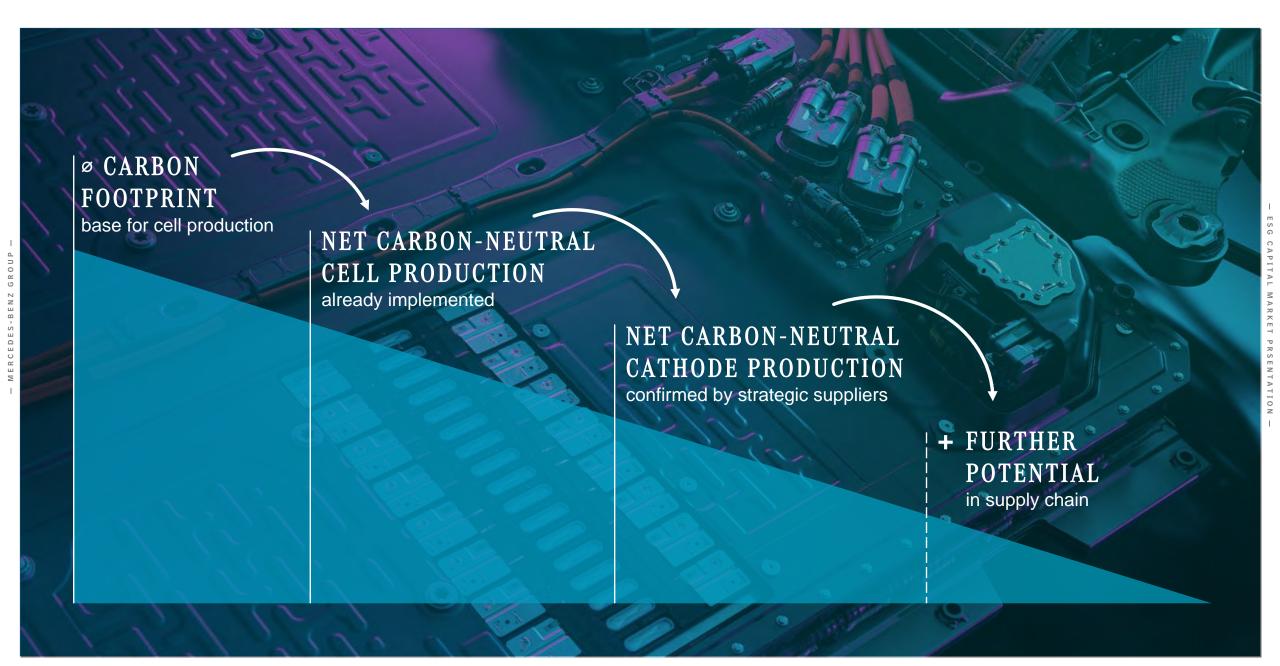
#### **ACC building 3 plants in Europe**

- Douvrin, France
- Kaiserslautern, Germany
- Termoli, Italy



FRCEDES-RENZ GROII

#### NET CARBON-NEUTRAL CELL PRODUCTION: ACCELERATING FURTHER REDUCTION



#### AMBITION 2039 - OUR COMMITMENT TO NET CARBON-NEUTRALITY

#### ALONG THE ENTIRE VALUE CHAIN IN THE NEW VEHICLE FLEET IN 2039



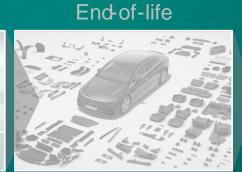
Production & logistics



Well-to-tank



Tank-to-wheel



Green Electricity

Resources

**Green Logistics** 

WE ARE ON TRACK

#### WHAT WE HAVE ACHIEVED SO FAR IN PRODUCTION

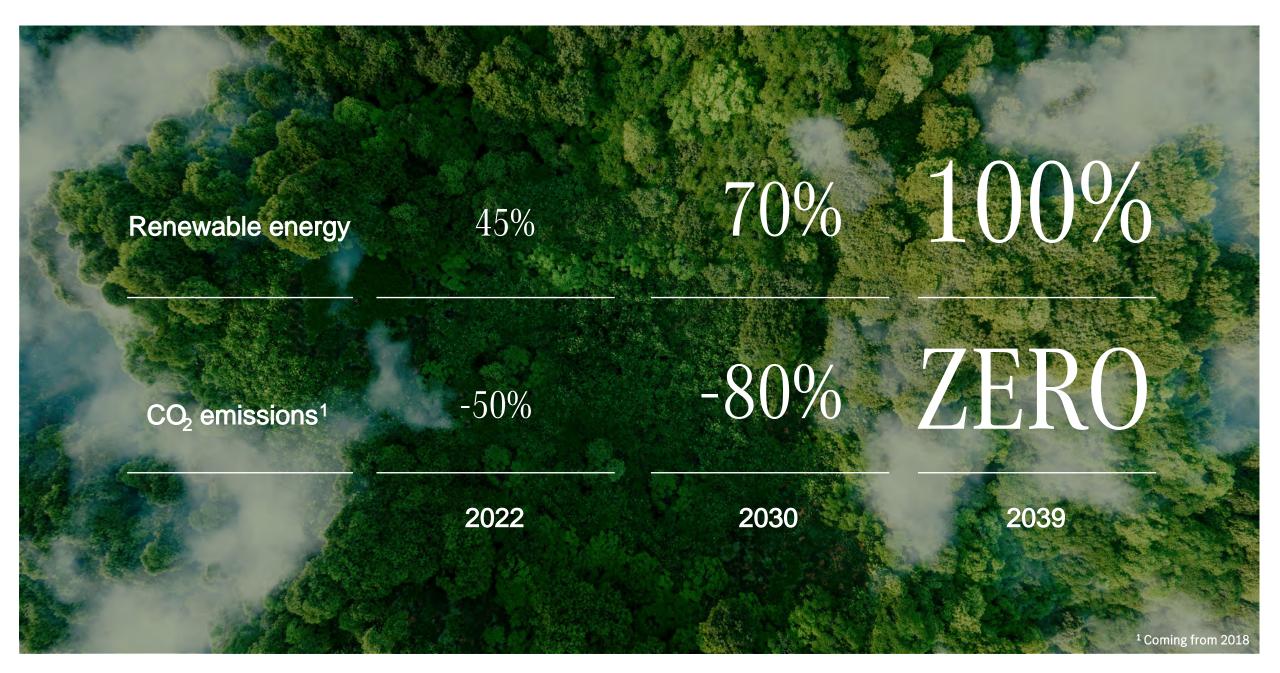


100% net carbon-neutral

50% reduction in  $CO_2$  emissions

45% renewable energy sources

#### OUR AMBITIOUS TARGETS FOR MERCEDES-BENZ OPERATIONS



#### MAXIMISING OUR ON-SITE PHOTOVOLTAIC SYSTEMS





50%

of our German electricity needs to be sourced from new renewable energy sources

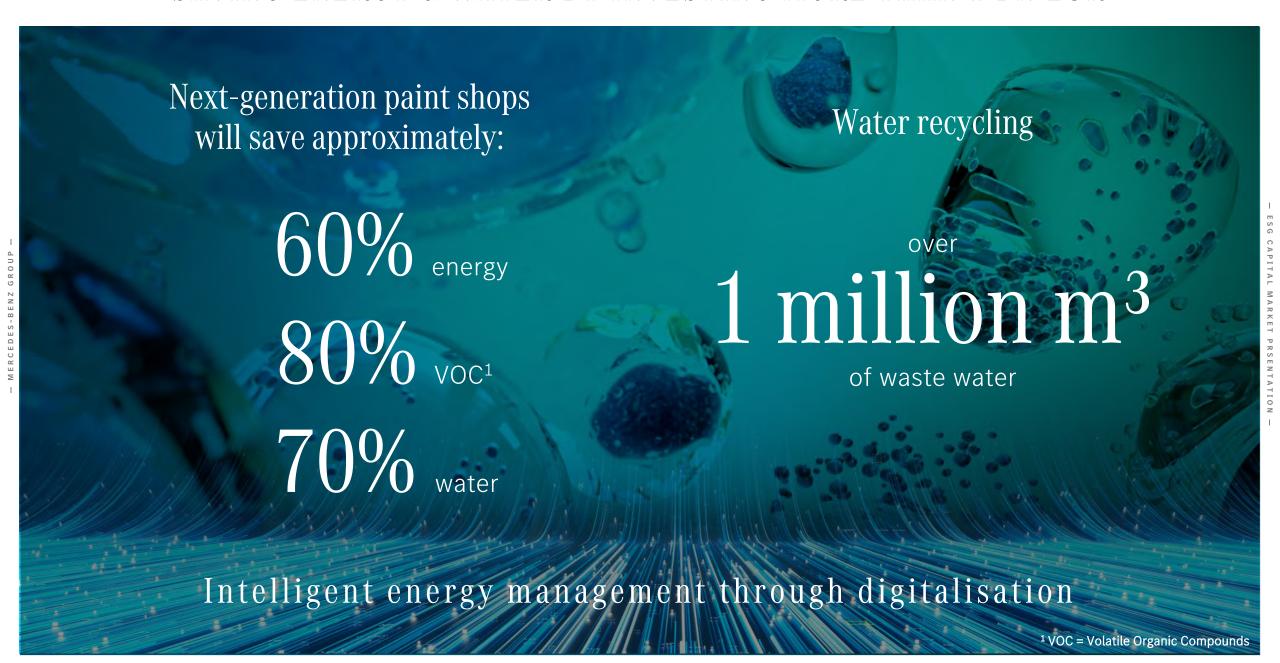
120 MW

Mercedes-Benz test track Papenburg (Germany)

140 MW

Baltic Sea "Windanker" together with Iberdrola

#### SAVING ENERGY & WATER BY INVESTING MORE THAN 1 BN EUR



#### NET CARBON-NEUTRAL LOGISTICS ARE PART OF OUR AMBITIONS



# Air

Sustainable Aviation Fuel (SAF)

# Land

Net carbon-neutral battery transport

Sea

Orcelle Wind with Wallenius Wilhelmsen Biofuel usage by Maersk (eco delivery)

#### AMBITION 2039 - OUR COMMITMENT TO NET CARBON-NEUTRALITY

#### ALONG THE ENTIRE VALUE CHAIN IN THE NEW VEHICLE FLEET IN 2039



Production & logistics

SBTi



Well-to-tank



Tank-to-wheel



Own global high-power charging network

Green Charging

# DES-BENZ GROUP -

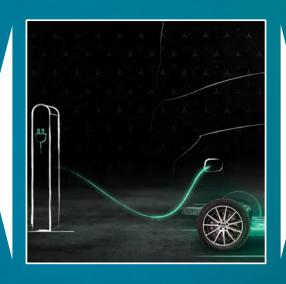
#### BUILDING OUR OWN GLOBAL HIGH-POWER CHARGING NETWORK

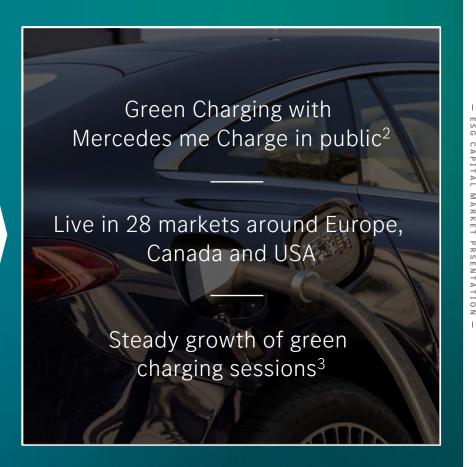
#### FIRST CHARGING HUBS AVAILABLE IN 2023

We aim to grow the network to more than 2,000 hubs with over 10,000 charging points by the end of the decade in North America, Europe, China and further core markets.

More than **400 hubs** with over **2,500 charging points** in North America







#### AMBITION 2039 - OUR COMMITMENT TO NET CARBON-NEUTRALITY

#### ALONG THE ENTIRE VALUE CHAIN IN THE NEW VEHICLE FLEET IN 2039



Production & logistics

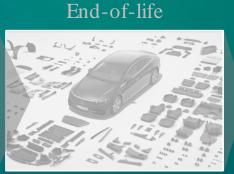
SBTi



Well-to-tank



Tank-to-wheel



BEV portfolio

"Electric only"

Efficiency

#### BEV LAUNCH SUCCESSFUL IN EVERY MERCEDES-BENZ PASSENGER CAR SEGMENT







EQB



EQE / EQE AMG



EQE SUV / EQE **SUV AMG** 

#### OUR CURRENT PORTFOLIO - AND THERE IS MORE TO COME



EQS /EQS AMG



**EQS SUV** 



Mercedes-Maybach EQS SUV



EQV

# THREE STEPS TO ELECTRIFY OUR PORTFOLIO.



Flexible architecture

with EV-specific characteristic

**EVA** dedicated large electric platform

today



EQE **EQE AMG** 



**EQE SUV EQE SUV AMG** 



**EQS EQS AMG** 



**EQS SUV** 



**EQS SUV** 



MMA<sup>1</sup> "Electric-First" platform for compact and mid-size



CLA



Brake





"Electric only"



MEDIUM AND FULL-SIZE CARS
Scalable modular system for our EV portfolio



PERFORMANCE ELECTRIC VEHICLES
Architecture



NEW ERA
For electric vans and light commercial vehicles

#### REDUCING CARBON FOOTPRINT, ENABLING HIGHER ELECTRICAL RANGE

#### EFFICIENCY IS THE NEW CURRENCY

Energy-efficient vehicle concepts. Striving to achieve what is technically possible in the luxury segment using key levers:

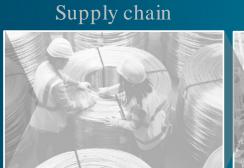
AERODYNAMICS
POWERTRAIN
THERMAL MANAGEMENT
VEHICLE ELECTRICS
ROLLING RESISTANCE
WEIGHT

Incorporating findings from VISION EQXX into development of upcoming architectures



#### AMBITION 2039 - OUR COMMITMENT TO NET CARBON-NEUTRALITY

#### ALONG THE ENTIRE VALUE CHAIN IN THE NEW VEHICLE FLEET IN 2039



Production & logistics

SBTi



Well-to-tank Tank-to-wheel

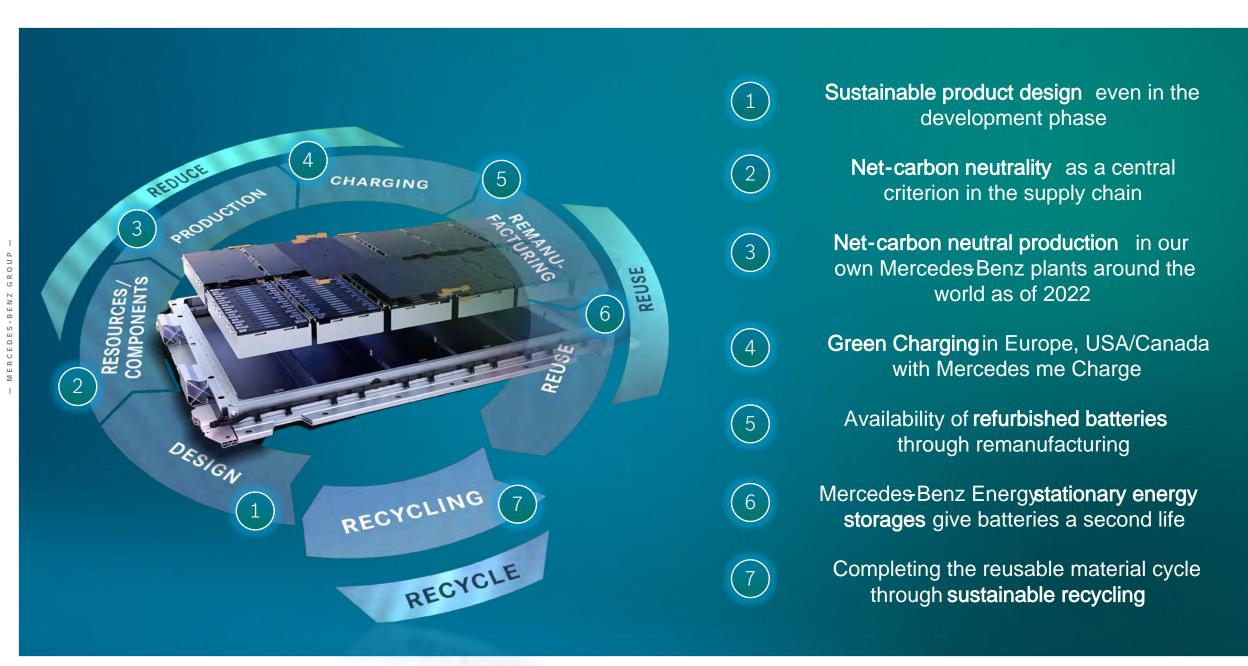


End-of-life



Battery recycling

#### CLOSING THE LOOP ON BATTERIES



Investing a double-digit million Euro amount in the construction of a **net carbon-neutral battery recycling factory** in Kuppenheim Germany

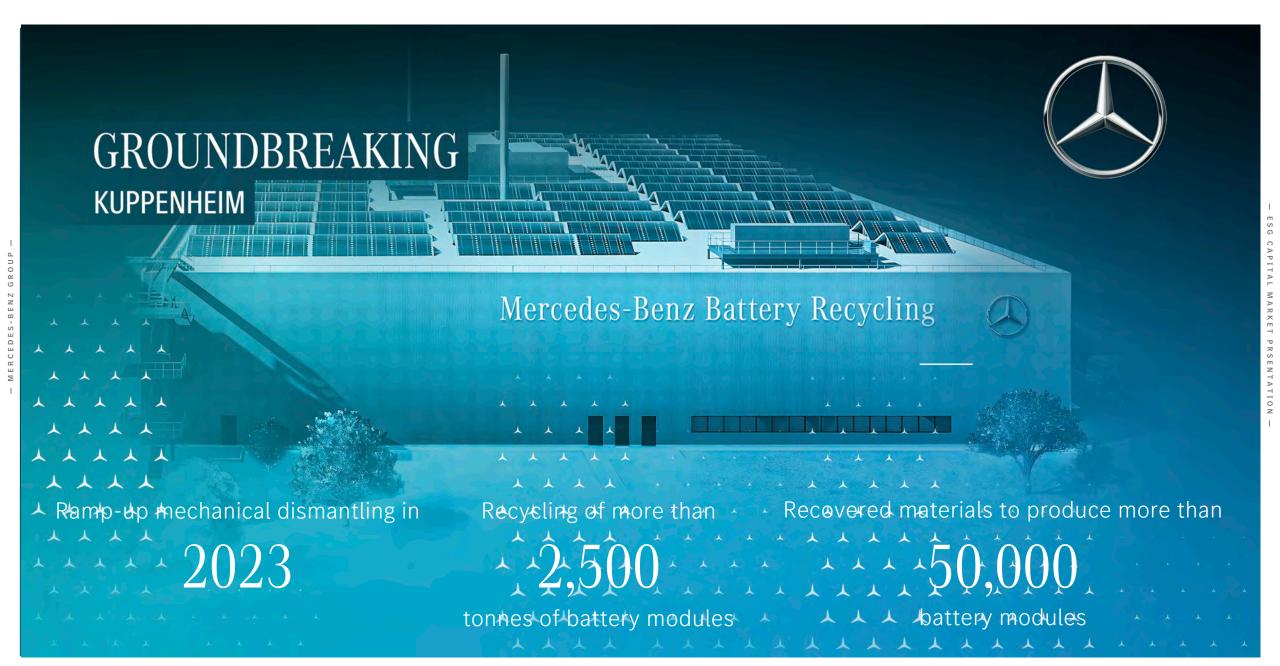
Innovative approach for an integrated recycling concept within a single factory is currently unique in Europe

Dismantlingat the module level, shredding, drying and processing ofbattery -grade materials (cobalt, nickel, lithium and in future also graphite)

Recycling of lithium-ion batteries from (plug-in) hybrids and electric vehicles (test vehicles, start-up batteries, returns of the field)



#### BATTERY RECYCLING FACTORY IN KUPPENHEIM



#### FIRST CLOSED LOOP IN CHINA FOR BATTERIES: MOU SIGNED

#### STRATEGIC PARTNERSHIP

First closed battery loop at industrial scale set-up in China with leading partners

4-party MoU signed with CATLBrunp and GEM to recycle production scrap and integrate material into new battery cells

Safeguarding secondary material supply and sustainability targets by ensuring backflow of recycling feedstock

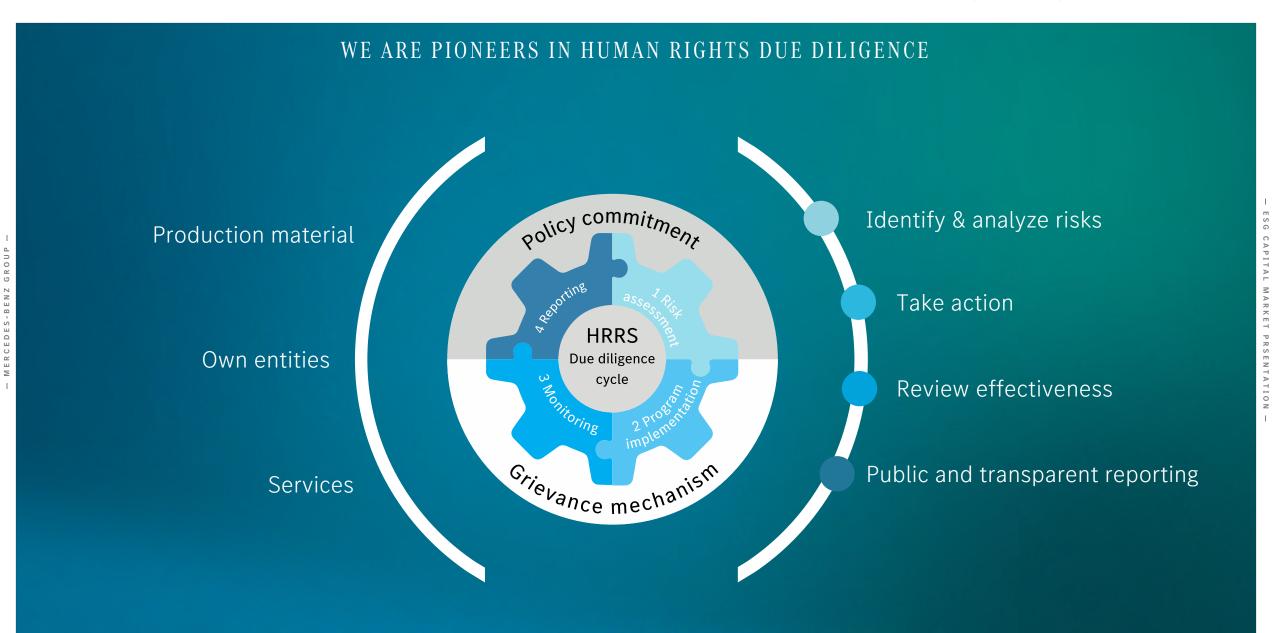
Important step towards a circular economy for batteries



### SUSTAINABLE SUPPLY CHAINS

RESPECTING HUMAN RIGHTS BEYOND COMPLIANCE – FROM THE MINE TO THE MERCEDES-BENZ.

#### MERCEDES-BENZ HUMAN RIGHTS RESPECT SYSTEM (HRRS)



#### MERCEDES-BENZ HUMAN RIGHTS RESPECT SYSTEM (HRRS)



# ESG CAPITAL MARKET PRSENTATION

#### HUMAN RIGHTS DUE DILIGENCE @MERCEDES-BENZ

#### IMPORTANT STEPS FORWARD IN 2022







POLICIES

MEASURES & PROCESSES





STAKEHOLDER ENGAGEMENT

#### 24 RAW MATERIALS POSING HUMAN RIGHTS RISKS





































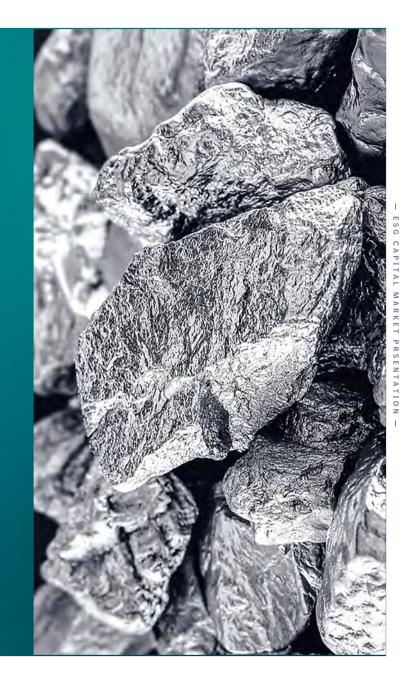










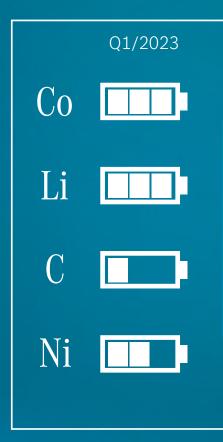


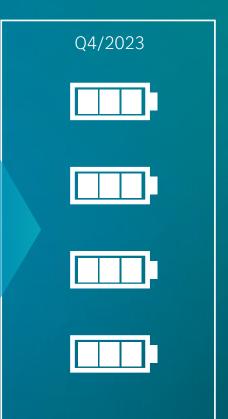
#### PREPARING FOR UPCOMING LEGISLATION

#### Assessment steps

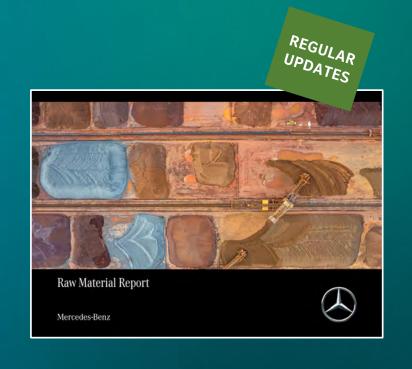
# Transparency Risk Hot Spots Mitigation Measures

#### Focus on battery raw materials





#### Raw Material Report



#### STRENGTHENING OUR COMMITMENT

RSC Global audit programme

On-site visits in Chile and DRC

2019-2022

Co Cobalt

2022-2025

- + Three more project years
- + Environmental audit criteria
- + Further materials

Co Cobalt Cu Copper Ni Nickel

Li Lithium C Graphite Mn Manganese







### PEOPLE PLAN

EMPOWERING OUR EMPLOYEES AND OUR ORGANISATION FOR A DIGITAL AND ELECTRIC FUTURE.

#### OUR PEOPLE PLAN FOCUSES ON A JUST TRANSITION FOR OUR EMPLOYEES



## Re-shape

streamlining our organisation in a responsible way

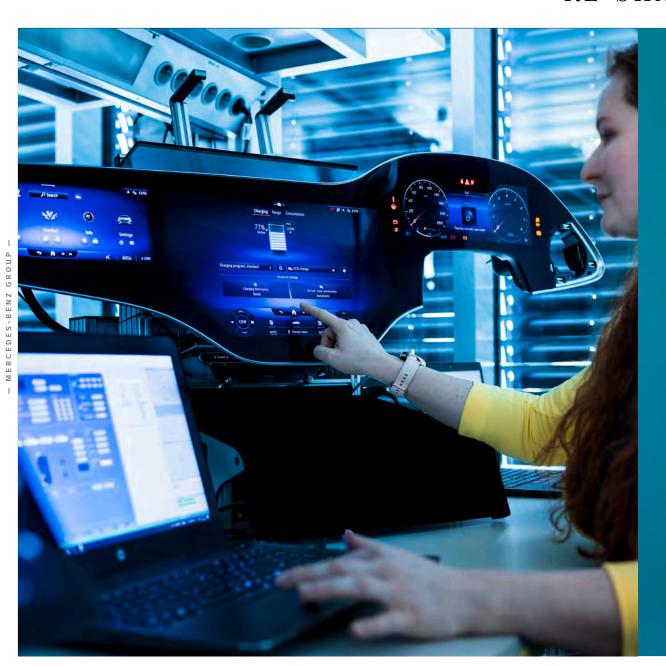
## Re-skill

developing future-oriented qualifications

## Re-charge

defining the Mercedes-Benz way as an employer





HIRING FOR OUR FUTURE

3,000

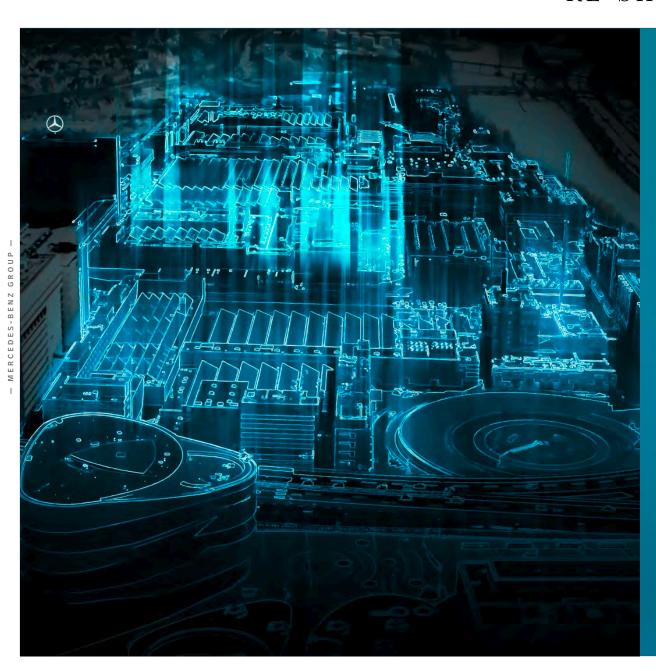
positions for software engineers worldwide

3,750

apprentices and dual students in Germany

# - ESG CAPITAL MARKET PRSENTATION -

#### RE-SHAPE



#### NO ONE-SIZE-FITS-ALL SOLUTION

Individual target plans for our entities, plants and functions

Realignment of our global production network towards electric vehicles and digitalisation

Targeting further increases and improvements in the future flexibility and efficiency of our plants

# Turn Learn

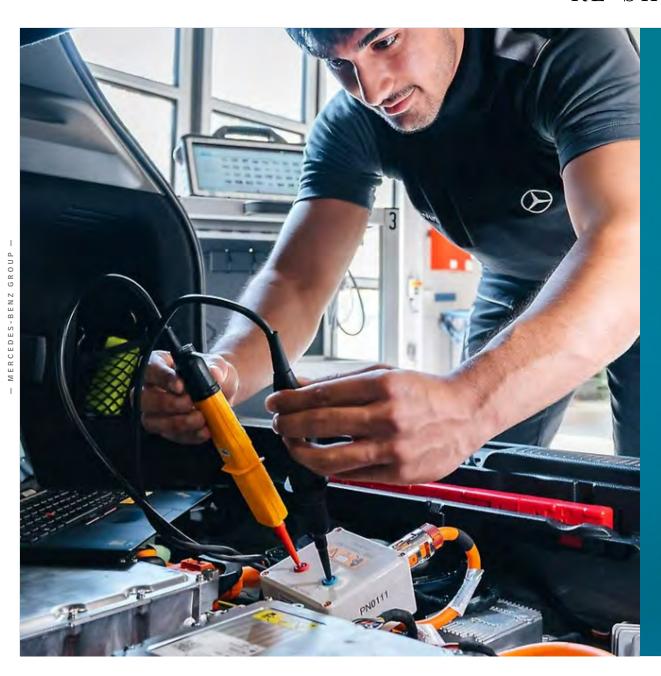
WE EMPOWER OUR TEAM TO SHAPE A SUCCESSFUL TRANSFORMATION

>2 bn

investment in Turn2Learn qualification initiative worldwide until 2030

1.9 m

learning hours in 2022, up from 1.3 m in 2021



77,000

employees in Germany qualified in e-mobility since 2020

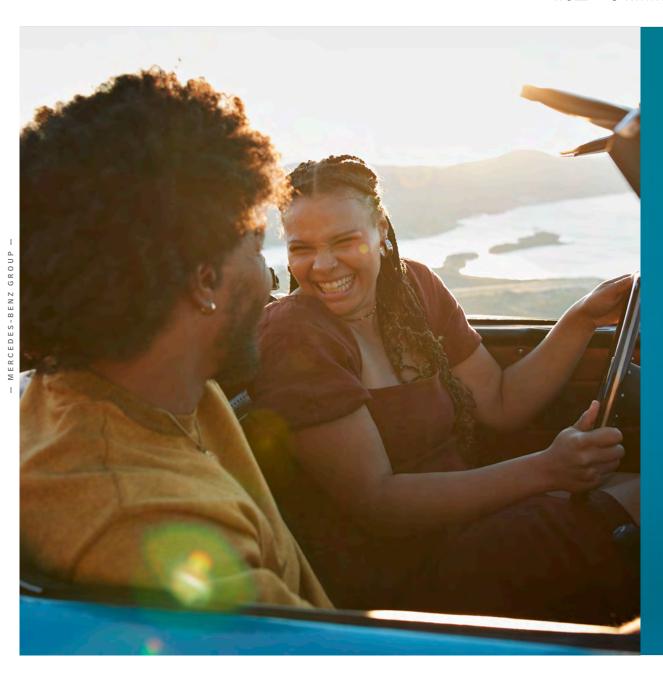
Specific IT training for strategically important data and use cases











MODERN, FLEXIBLE AND DIVERSE WORKING ENVIRONMENT

24.7%

share of women in senior management positions in 2022

Our ambition

30%

share of women in senior management positions by 2030

>200

job-sharing tandems across leaderships levels

# - ESG CAPITAL MARKET PRSENTATION

#### RE-CHARGE



### OUR EMPLOYEES SHARE IN THE COMPANY'S SUCCESS

Competitive salary

Profit-sharing bonus for tariff-scale employees

Employee shares

WE BASE OUR COMPENSATION NOT ONLY ON EBIT, BUT ALSO ON ESG TARGETS

ESG targets in short- and long-term incentives

From Managers to Board of Management

### SUSTAINABLE CORPORATE GOVERNANCE

ENABLING A SUSTAINABLE TRANSFORMATION THROUGH CORPORATE GOVERNANCE.

#### ESG GOVERNANCE

#### ESG INTEGRATED IN CORPORATE GOVERNANCE STRUCTURES



Sustainability expertise/competence added to the requirements profile of the Supervisory Board

Sustainability-related transformation targets included in executive compensation

**Human Rights Officer** appointed to respect and uphold human rights

Board-level steering committee for group-wide sustainability management



Sustainability aspects integrated into risk management process and internal control system/CMS\*

Sustainability aspects anchored in **strategic** decision making processes















Regular materiality assessment



Comprehensive sustainability reporting\*\*

\* CMS – Compliance Management System

Advisory Board for Integrity

<sup>&</sup>amp; Sustainability

<sup>\*\*</sup> e.g. Sustainability Report, TCFD Report, SASB Report, Non-financial declaration, Climate Policy Report, Raw Materials Report, Green Finance Investor Report

# ESG CAPITAL MARKET PRSENTATION -

#### EXECUTIVE REMUNERATION

#### ENHANCED REMUNERATION FOR ALL EXECUTIVES



#### VARIABLE COMPONENTS

Short-Term Incentive (STI)

Long-Term Incentive (LTI)

Annual bonus

Performance Phantom Share Plan (PPSP)

#### EXECUTIVE REMUNERATION

#### FURTHER ANCHORING OF ESG CRITERIA

#### ANNUAL BONUS FY 2023

ENVIRONMENT

SOCIAL

GOVERNANCE



Safety innovation

PM ESG stakeholder engagement

Contribution to  ${\rm CO}_2$  emissions reduction, to increasing road safety and continuous development of the Group's ESG activities across the company and with external stakeholders

#### PPSP 2023



xEV share of unit sales (worldwide)



Assessed high-risk materials



Diversity & inclusion

Contribution to increasing xEVs on the road, to ensuring a supply chain that is fair, transparent and promotes human rights and to promoting diversity in the workplace and guaranteeing that all receive fair treatment regardless of background

### SUSTAINABLE FINANCE

FINANCING OUR TRANSFORMATION IN A SUSTAINABLE MANNER.

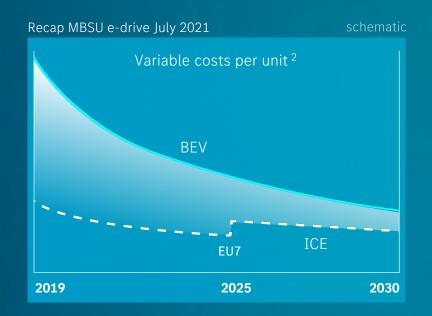
#### CAPITAL ALLOCATION



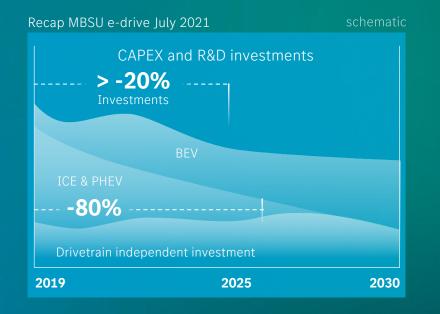
- MERCEDES-BENZ GROUP

#### CAPITAL ALLOCATION

#### "ELECTRIC ONLY" - MANAGING THE TRANSFORMATION IN A PROFITABLE WAY



Adjustment of overall business system required to become all-electric by end of the decade<sup>1</sup>

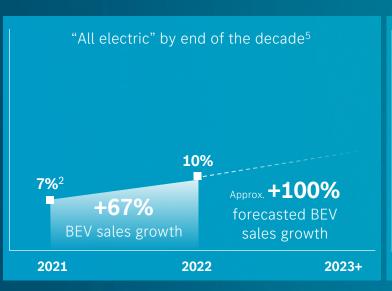


Radically reduced non-BEV investments

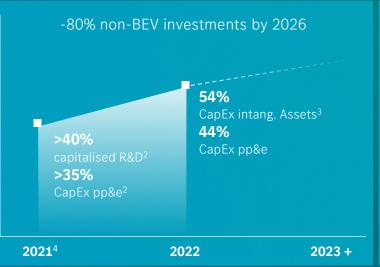
Overall investment reduction by 20% by mid of decade and further decreases afterwards

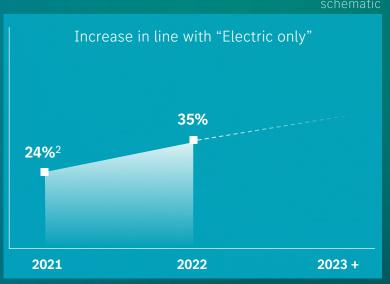
#### EU TAXONOMY DISCLOSING<sup>1</sup>

#### "ELECTRIC ONLY" - DRIVING CAPITAL ALLOCATION



- MERCEDES-BENZ GROUP -





#### REVENUES

Impacted by structural effects and "do no significant harm"

Will further increase in the years ahead

#### CAPITAL EXPENDITURES

Investments shifting to "Electric only"
Will further increase in the years ahead

#### OPERATING EXPENSES

Mainly non-capitalised R&D expenditure



# ESG CAPITAL MARKET PRSENTATION -

#### GREEN FINANCE

#### FINANCING OUR TRANSFORMATION IN A SUSTAINABLE MANNER







#### GREEN FINANCE FRAMEWORK

In line with Ambition 2039

"DARK GREEN" by CICERO

Green Mercedes-Benz Mobility assets & Green ABS

#### REVOLVING CREDIT FACILITY

In line with Ambition 2039

11 billion euros linked to carbon footprint and BEV share

Proof point for future set-up

#### GREEN PANDA BOND

First automaker to issue a Green Panda Bond

Green Finance regional footprint expanded

Net proceeds for BEVs

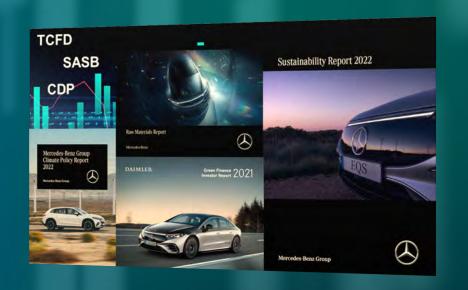
#### WE PROVIDE TRANSPARENCY AND SUPPORT DIRECT COMMUNICATION WITH OUR SHAREHOLDERS



Multi-platform-based shareholder communication

&

Comprehensive disclosure according to capital market standards & frameworks



COMMUNICATION

REPORTING



on April 11, 2022

ESG (Environment, Social and Governance) Conference for investors and analysts

&

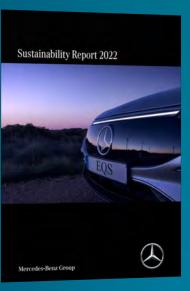
Along the facets of Mercedes-Benz Group's sustainable business strategy from climate protection to sustainable financing MERCEDES-BENZ GROUP

ESC
CONFERENCE
2023

2<sup>nd</sup> digital ESG Conference on March 30, 2023



Annual Report<sup>1</sup>



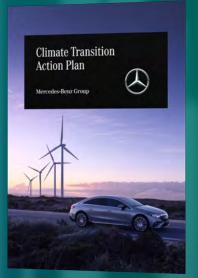
Sustainability Report



SASB Report



TCFD Report



Climate Transition Action Plan



Climate Policy Report



Raw Materials Report



ESG Capital Market Presentation



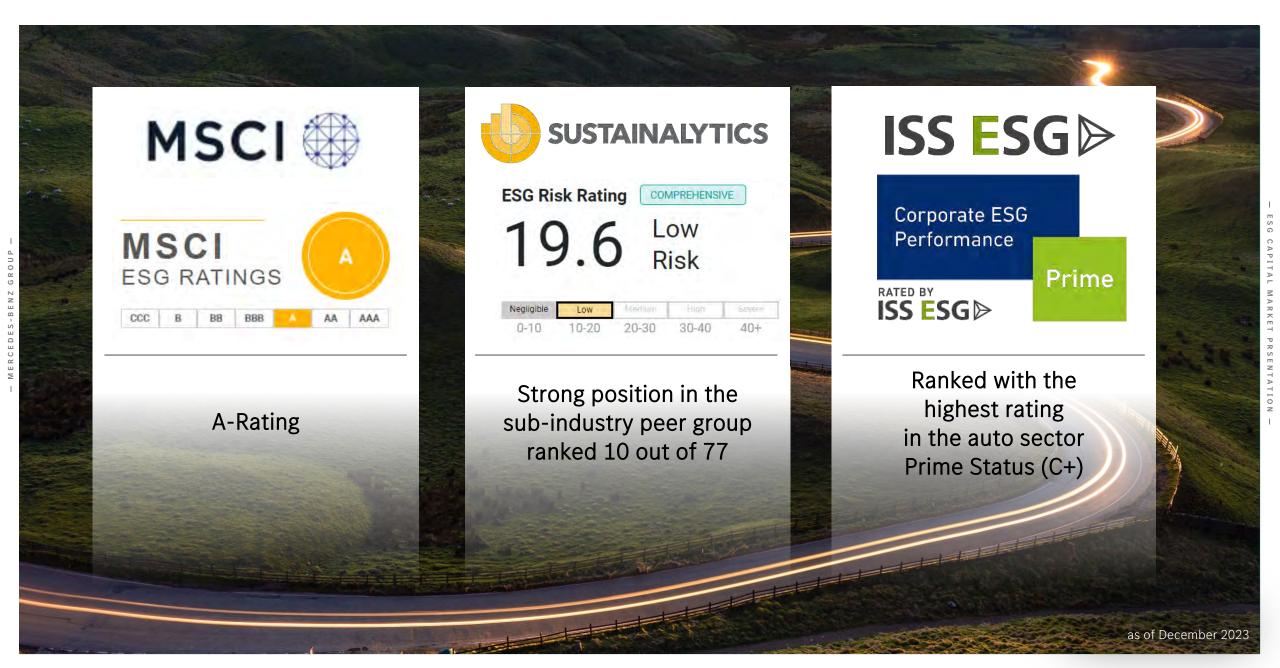
ESG Targets Summary

#### MERCEDES-BENZ IS MAKING SUBSTANTIAL PROGRESS



- MERCEDES-BENZ GROUP

#### MERCEDES-BENZ IS MAKING SUBSTANTIAL PROGRESS



#### COMMITTED TO BUILDING THE WORLD'S MOST DESIRABLE CARS IN A SUSTAINABLE WAY



#### 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 utilize our production capacities; price increases for fuel or raw materials; 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-optimization 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 the current Annual Report or in the current Interim Report. If any of these risks and uncertainties materializes 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.