

5<sup>th</sup> Annual Volkswagen Group ESG Conference for Investors & Analysts

**"ESG Strategy & Decarbonization"** Ralf Pfitzner – Head of Group Sustainability 6<sup>th</sup> October 2022

#### Disclaimer

The following presentations as well as remarks/comments and explanations in this context contain forward-looking statements on the business development of the Volkswagen Group. These statements are based on assumptions relating to the development of the economic, political and legal environment in individual countries, economic regions and markets, and in particular for the automotive industry, which we have made on the basis of the information available to us and which we consider to be realistic at the time of going to press. The estimates given entail a degree of risk, and actual developments may differ from those forecast. At the time of preparing these presentations, it is not yet possible to conclusively assess the specific effects of the latest developments in the Russia-Ukraine conflict on the Volkswagen Group's business, nor is it possible to predict with sufficient certainty to what extent further escalation of the Russia-Ukraine conflict will impact on the global economy and growth in the industry in fiscal year 2022.

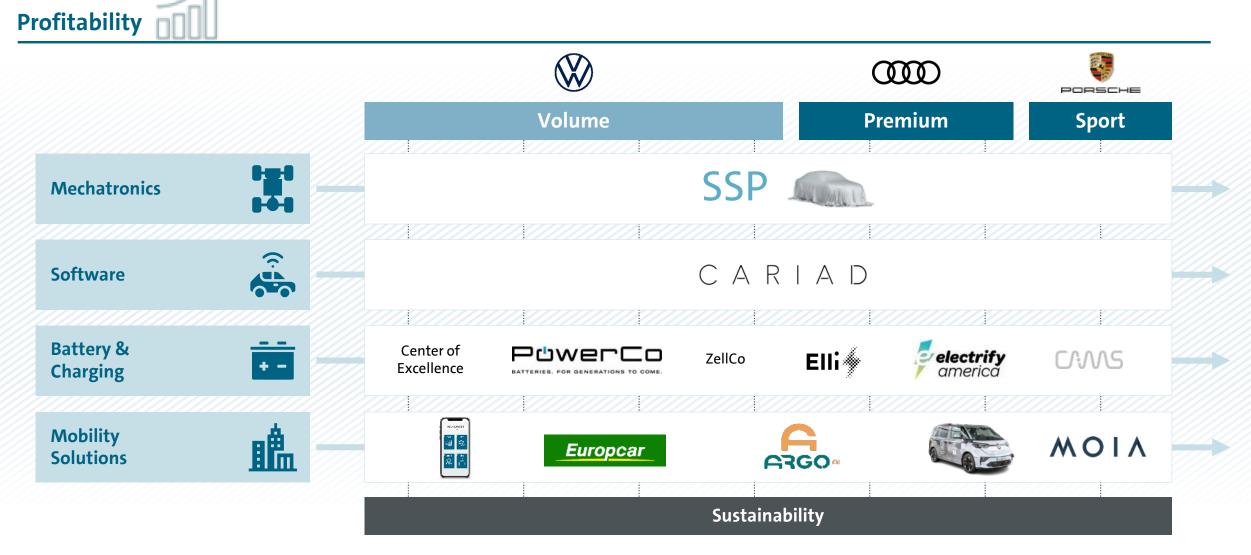
Any changes in significant parameters relating to our key sales markets, or any significant shifts in exchange rates, energy and other commodities or commodities relevant to the Volkswagen Group or the supply with parts, or deviations in the actual effects of the Covid-19 pandemic from the scenario presented will have a corresponding effect on the development of our business. In addition, there may be departures from our expected business development if the assessments of the factors influencing sustainable value enhancement and of risks and opportunities presented develop in a way other than we are currently expecting, or if additional risks and opportunities or other factors emerge that affect the development of our business. We do not update forward-looking statements retrospectively. Such statements are valid on the date of publication and can be superseded.

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Agenda

Opening	Rolf Woller
Keynote	Oliver Blume
ESG Strategy / Decarbonization	Ralf Pfitzner
Green Finance Strategy	Rolf Woller
Sustainable Workforce Transformation	Thymian Bussemer
Combined Q&A Session	
Risk Management & Internal Controls	Hagen Repke
Together For Integrity	Tobias Heine
Combined Q&A Session	
Closing	Rolf Woller

NEW AUTO is our strategy to win in the transformation of the automotive industry -Sustainability & ESG are firmly anchored in our strategy



Volkswagen ID.Buzz: Power consumption combined: 18.9 kWh/100km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++

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Decarbonization, Circular Economy, Responsibility in Supply Chain & Business, Diversity, People & Transformation and Integrity are our current ESG focus areas

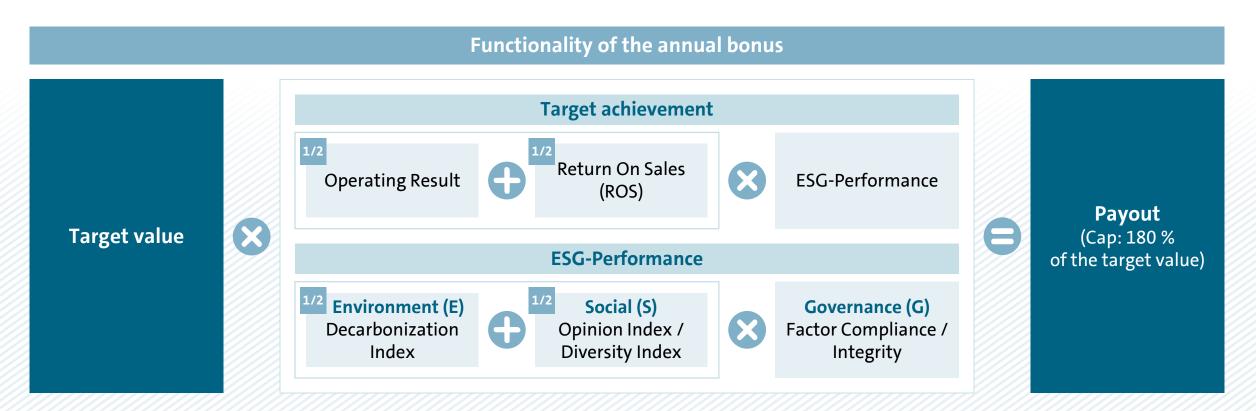
#### **IMPROVE ESG Performance**



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ESG targets - integral part of annual bonus of Board of Management members since 2021

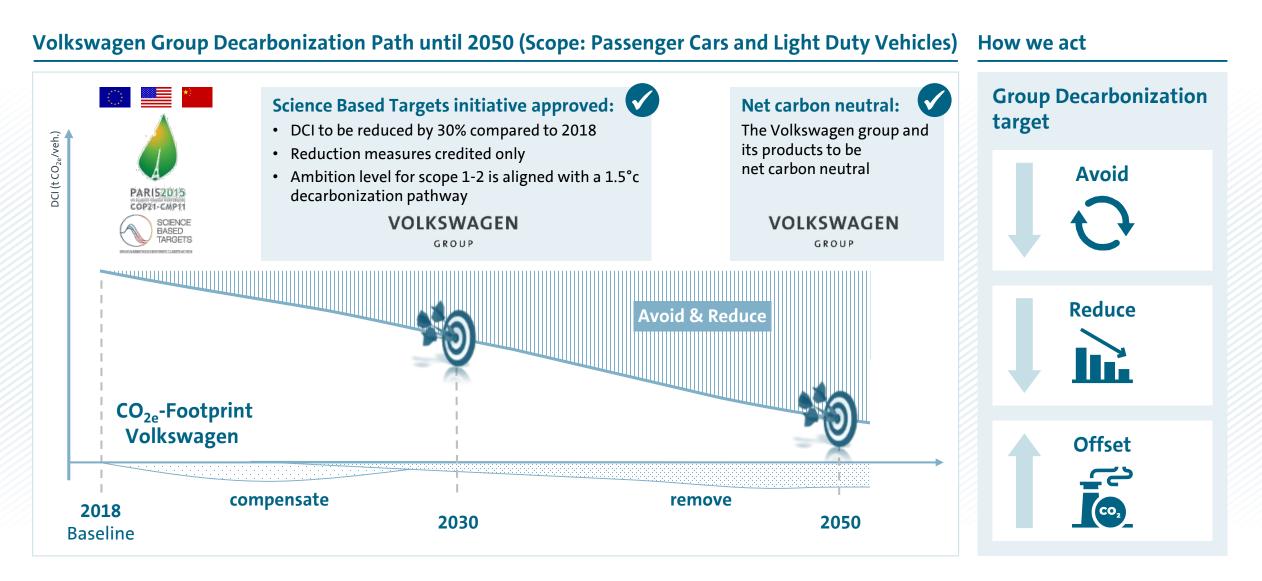


• Basic continuation of the previous system (introduced in 2017)

Key facts

- Starting with 2021 financial year, ESG multiplier is added as new dimension
- Defines a balance between financial key performance indicators and ESG targets
- Performance measures reflect Volkswagen's NEW AUTO strategy and transformation process

In our Group decarbonization program, emission reduction targets are set on a life cycle basis & measured by the DKI – net carbon neutrality to be reached by 2050



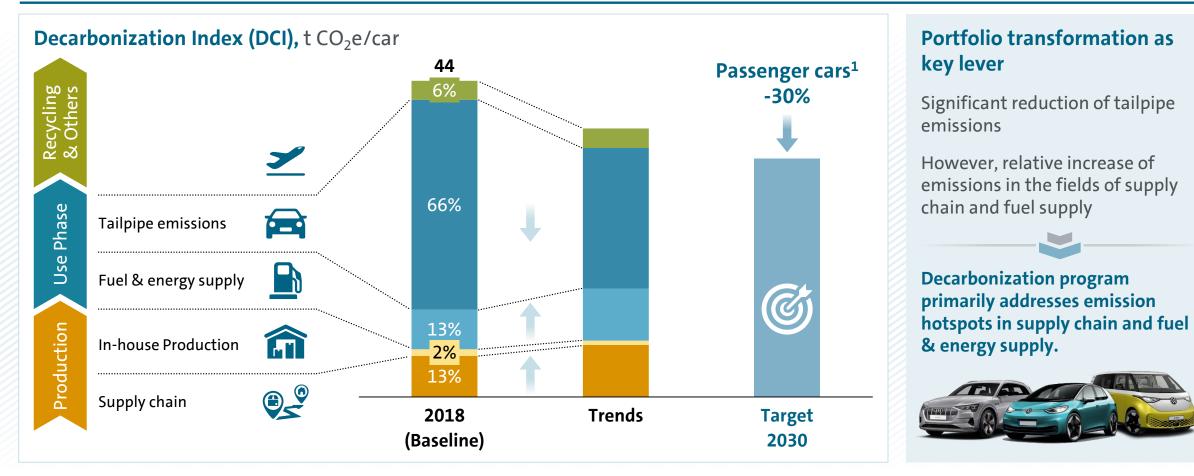
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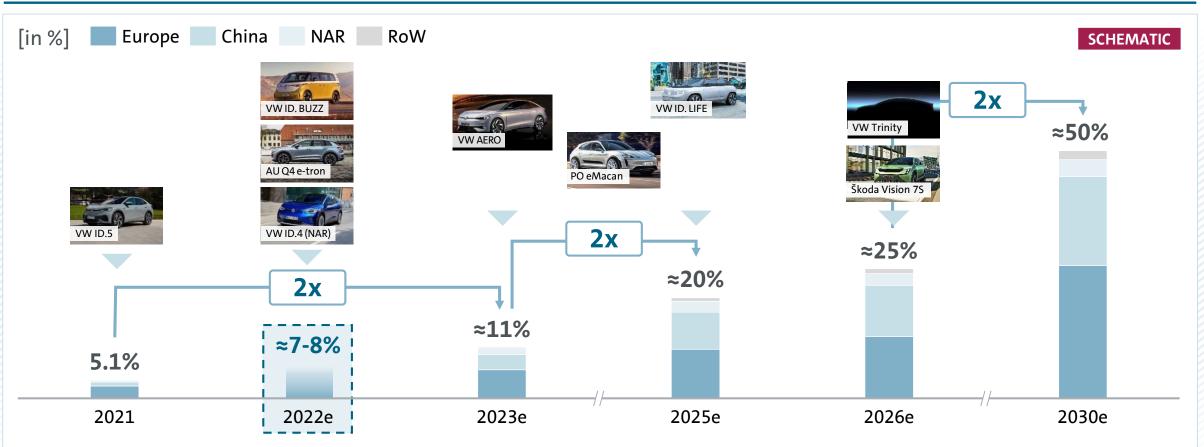
# Our goal by 2030: Reducing 30% $CO_2e$ /vehicle over the life cycle vs. 2018 - Portfolio transformation & decarbonization program will further accelerate reduction

### Group target 2030/veh. (lifecycle)



1 Passenger cars including light duty vehicles, WLTP cycle

Audi Q4 e-tron: Power consumption combined: 18.3 - 15.2 kWh/100 km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++ Volkswagen ID.Buzz: Power consumption combined: 18.9 kWh/100km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++ ID.3: Power consumption combined: 13.5 - 12.9 kWh/100km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++



<sup>1</sup>actual future share depends on customer take rates and market developments

Volkswagen ID.4: Power consumption combined: 16.3 - 15.6 kWh/100km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++ Audi Q4 e-tron: Power consumption combined: 18.3 - 15.2 kWh/100 km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++ Volkswagen ID.Buzz: Power consumption combined: 18.9 kWh/100km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++ ID.5 Pro: Power consumption combined: 15.9 - 14.6 kWh/100km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++ Volkswagen ID.7/AERO, ID. Life, Porsche eMacan, Škoda Vision 7S, VW Trinity: Vehicles are near-production concept cars VOLKSWAGEN

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Combination of portfolio transformation & the energy transition are the key levers to ensure decarbonization of individual mobility solutions in the transport sector

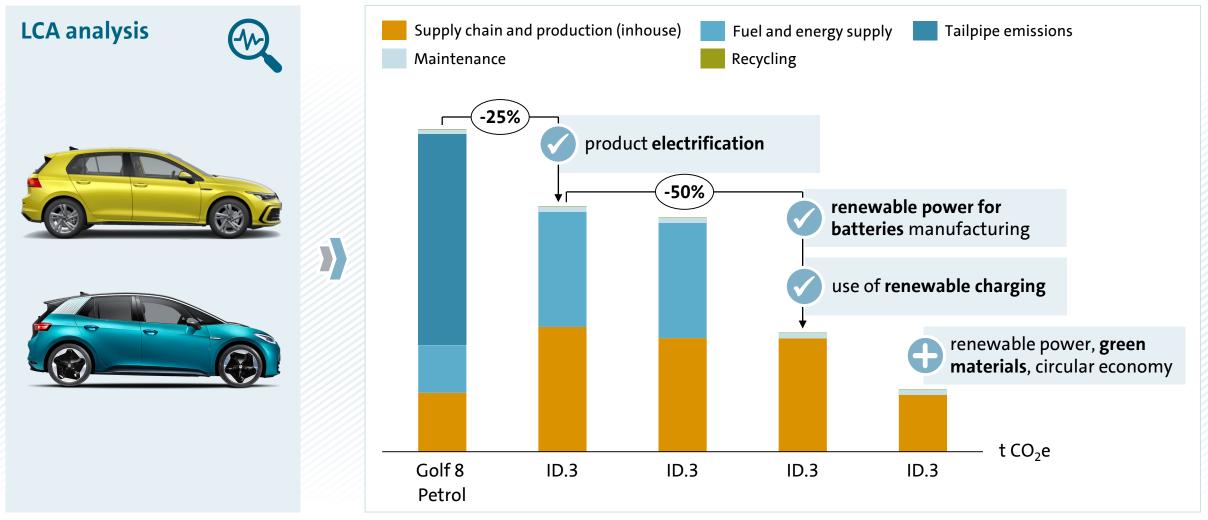


Chart data quality: DQ 1.0 = certified value

Based on EU 27 energy mix and fuels, WLTP and 200.000km mileage

Golf eHybrid: Fuel consumption in I/100 km: combined 1.6-1.4; power consumption in kWh/100 km: combined 10.8-10.1; CO<sub>2</sub>-emissions in g/km: combined 36-33, CO<sub>2</sub> efficiency class: A+++ ID.4 Pro: Power consumption combined: 17.2 - 15.7 kWh/100km (NEDC), CO<sub>2</sub> emissions combined: 0g/km, CO<sub>2</sub> efficiency class: A+++

The decarbonization program covers measures in all areas of the life cycle -Clear priority: Avoid, reduce & compensate non-avoidable emissions

## Volkswagen takes leadership in decarbonization along our value chain and beyond

Production		Use phase		End-of-life & others	
Supply Ch	ain	In-house	Fuel- & energy Supply	Tailpipe Emissions	Recycling & Other
<ul> <li>Supplier requireme</li> <li>100% renewable battery suppliers in new contracts</li> </ul>	power for	<ul> <li>Renewable Power</li> <li>100% for ext. supply in EU by 2023; 96% achieved 2021</li> <li>Already 53 plants globally with 100% renewable power</li> </ul>	<ul> <li>E-strategy</li> <li>VW Group with 60% EV sales in EU 2030</li> <li>50% BEV Share in Sales globally</li> </ul>	Energy & Charging         • Customer services with renewable energies         Elli       Felectrify america	<ul> <li>Battery recycling</li> <li>Target of 90% recycling of battery raw materials</li> <li>Pilot closed loop battery recycling in Salzgitter</li> </ul>
<ul> <li>PowerCo</li> <li>6 giga-factories in 240 GWh p.a. in 2</li> <li>100% renewable</li> <li>JV with Umicore f</li> </ul>	030 electricity	Carbon neutral production • Already 9 carbon neutral sites	<ul> <li>Driving the energy transition</li> <li>VW group supports Germany's largest independent solar PV project in Tramm-Göthen</li> <li>More projects planned</li> </ul>	<ul> <li>Carbon neutral BEV handover</li> <li>Carbon-neutral delivery of BEVs to all customers in EU</li> <li>Volkswagen-Climate Partner JV for Compensation Projects founded in 2022</li> </ul>	New ways of working • Up to 4 days/week mobile working for office workers
Volkswagen leadership across industries	low carbo VW Group	Thering on n steel with o and Salzgitter AG oU for low- $CO_2$ steel:	CEO Alliance for Europe's Recovery, Reform & Resilience	Partnerships for power generat charging infras	ion and public 🛛 🚧 IBERDROLA

### **ESG relevant reports & sources of information**

