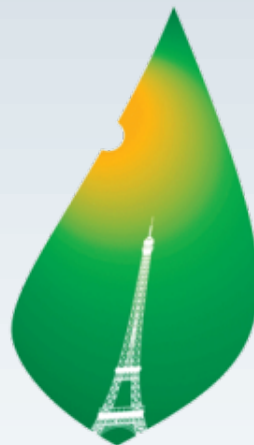


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# “ID – Ramping up Production”

**Thomas Ulbrich**

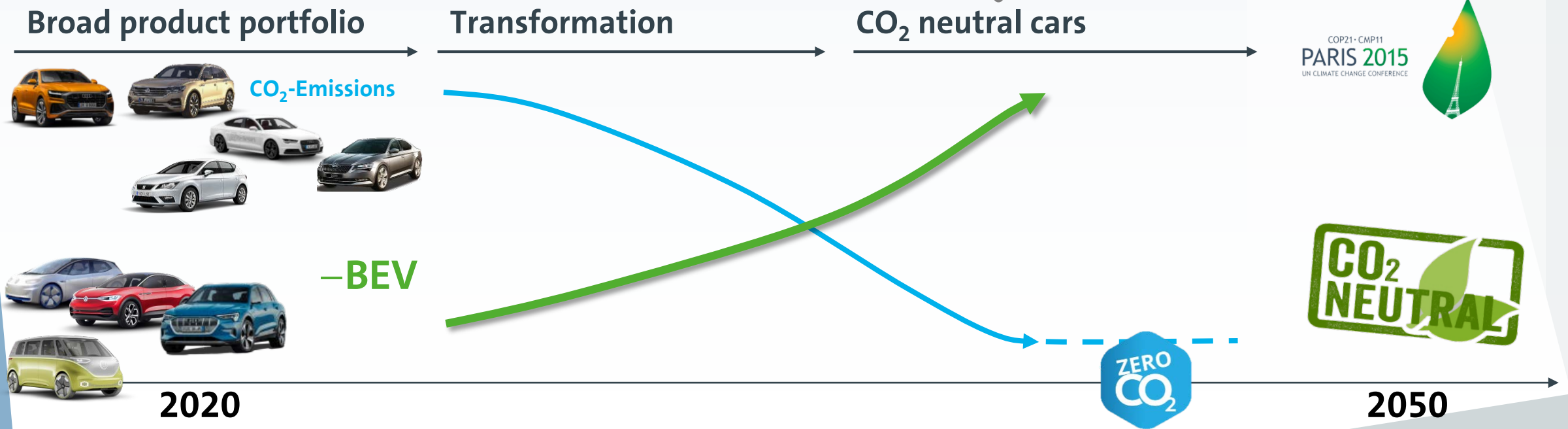
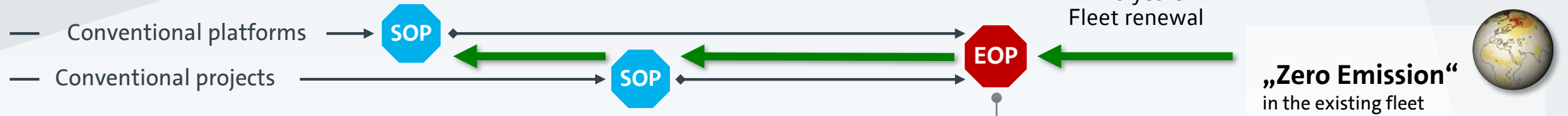
Head of E-Mobility

Board Member Volkswagen Brand

Frankfurt, 9 September 2019

# Retrograde target derivation based on the Paris Climate Agreement requires effective transformation planning

## Paris implications and transformation path



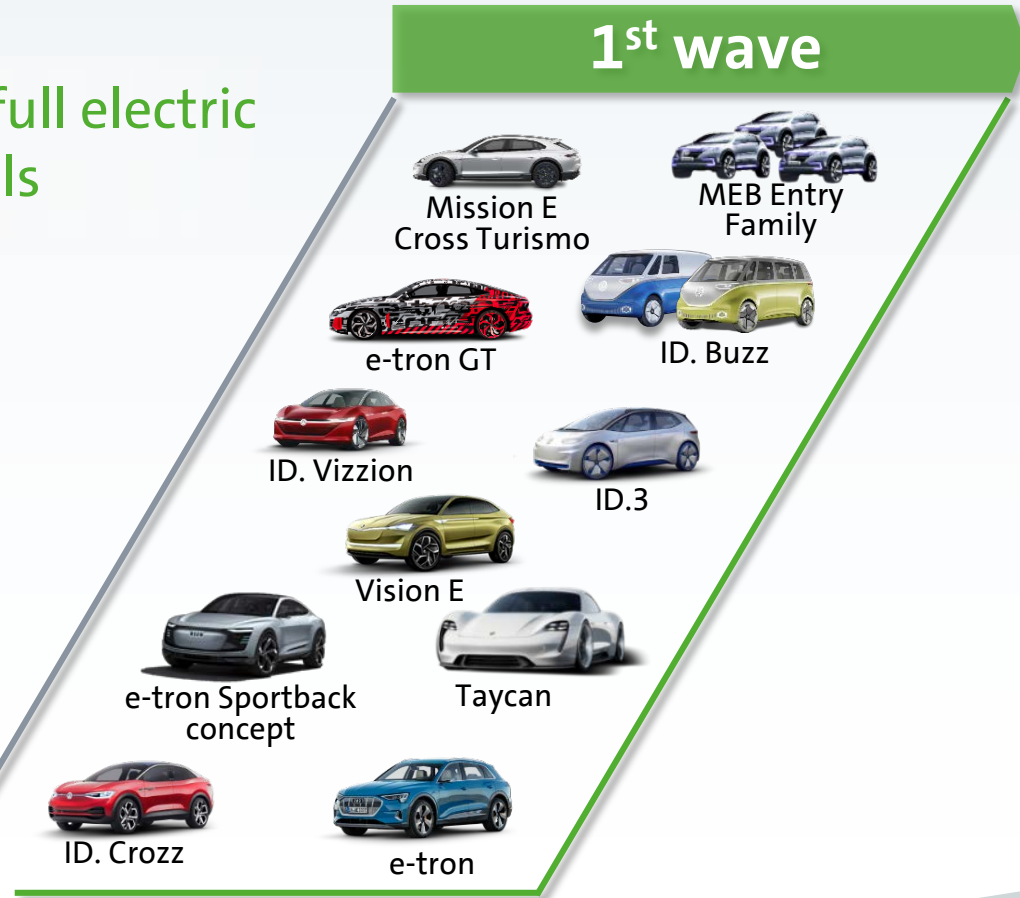
# Volkswagen Group has launched the largest electric offensive in the global automotive industry

Global Market offer

**~70** New full electric models

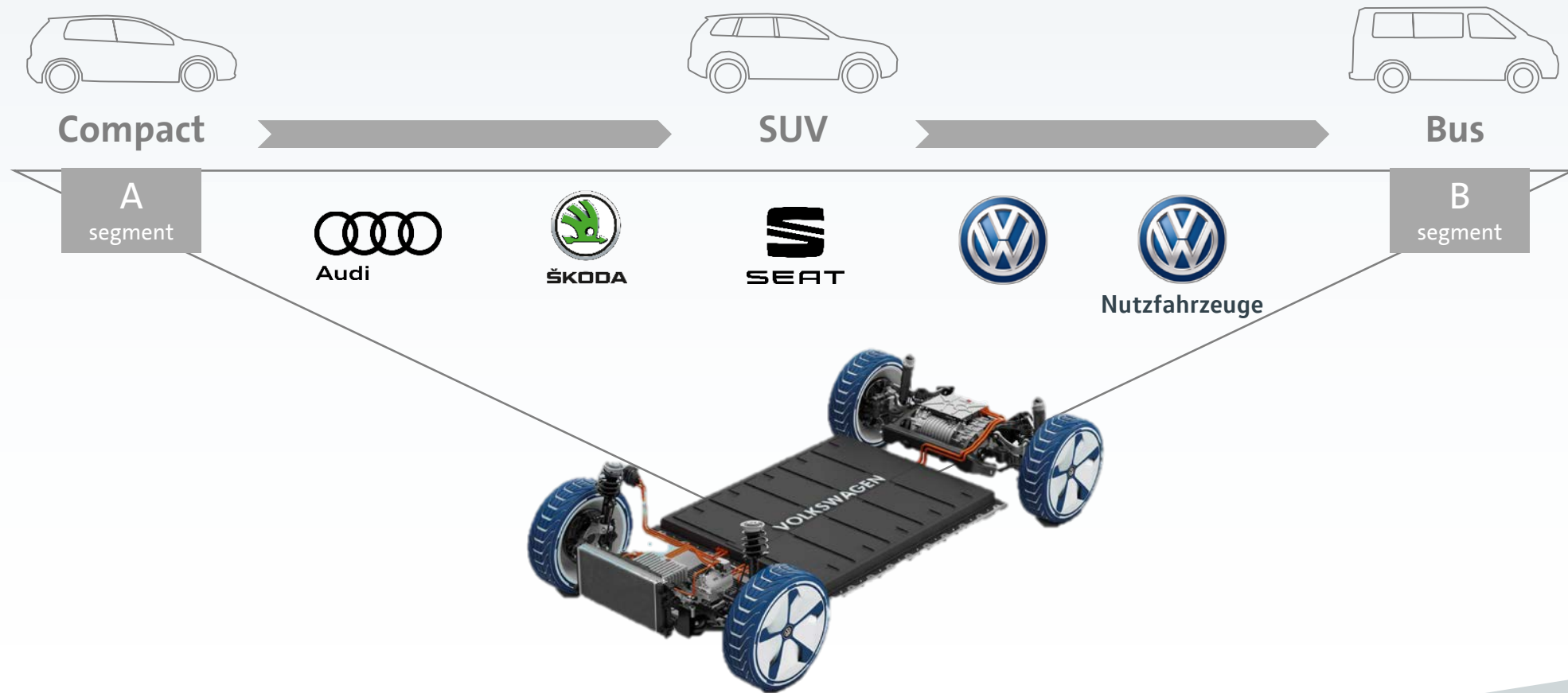
**~30** bn. € invest

**~22** m. cars



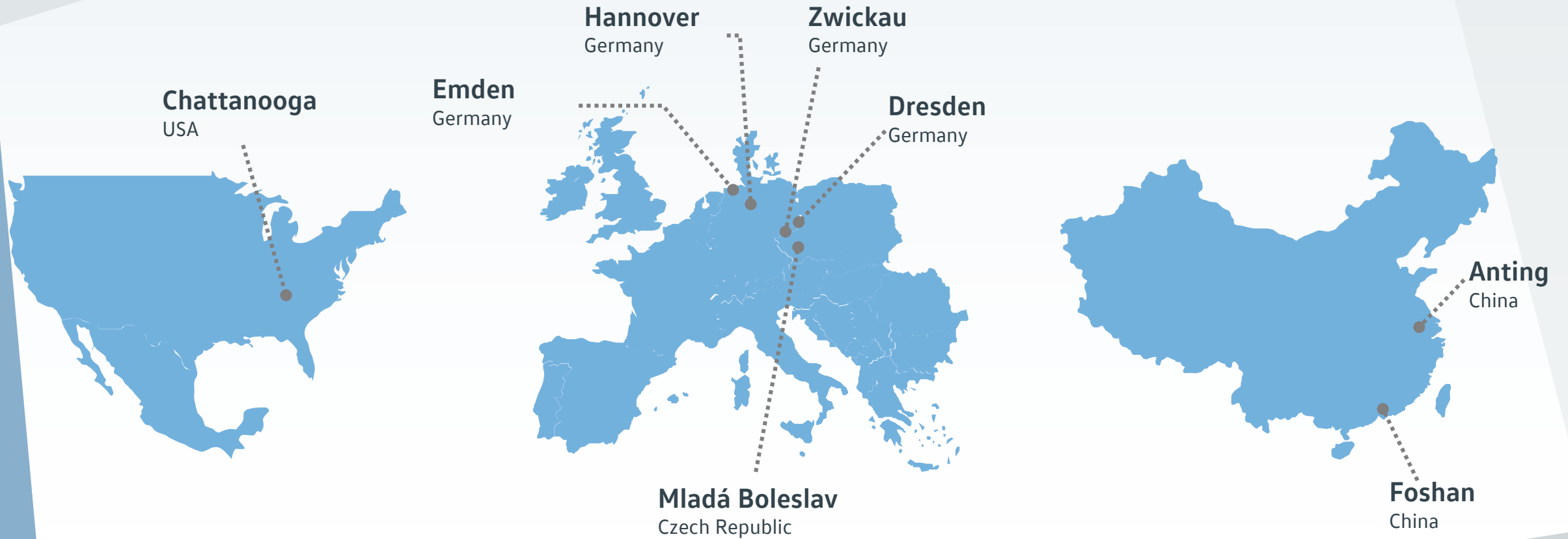
# The MEB electric platform is the technological and economic backbone of the e-offensive

By 2022, we will be offering pure electric models in all relevant vehicle segments



# Volkswagen consistently implements its MEB strategy in the production sites

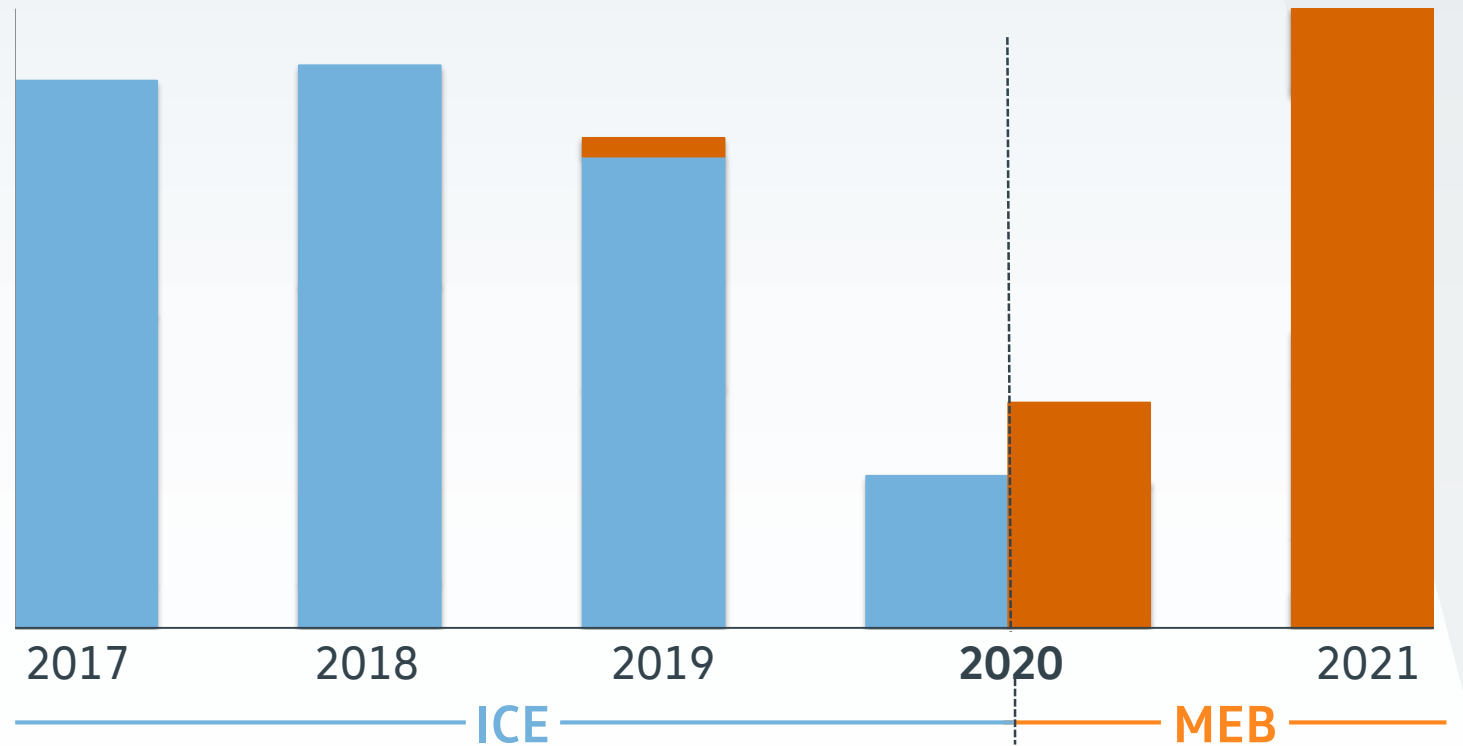
Ramp up of 8 MEB locations until 2022:



# The Volkswagen plant Zwickau will step-by-step be transformed into an MEB-only site



Production Volume



Volkswagen invests more than 1.2 bn € at the Zwickau site.



# MEB Transformation in Zwickau ongoing

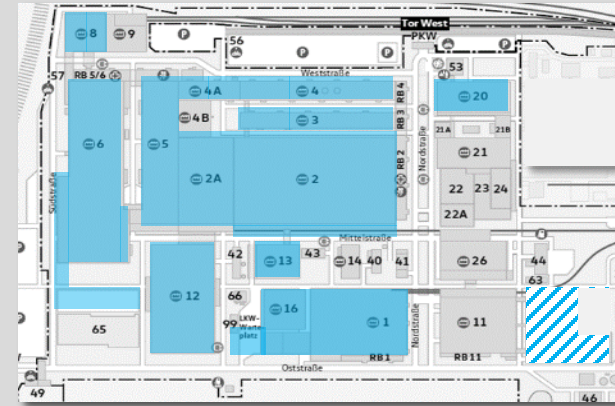
## Organizational basis set



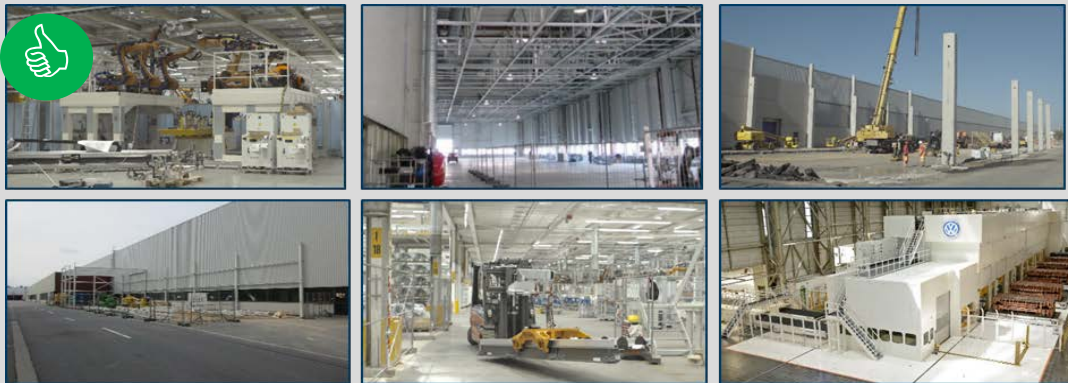
**Volkswagen  
Sachsen**

**Direct organisational connection to Head of  
Brand Board division „E-Mobility“**

## More than 800 mio € invest already and spent



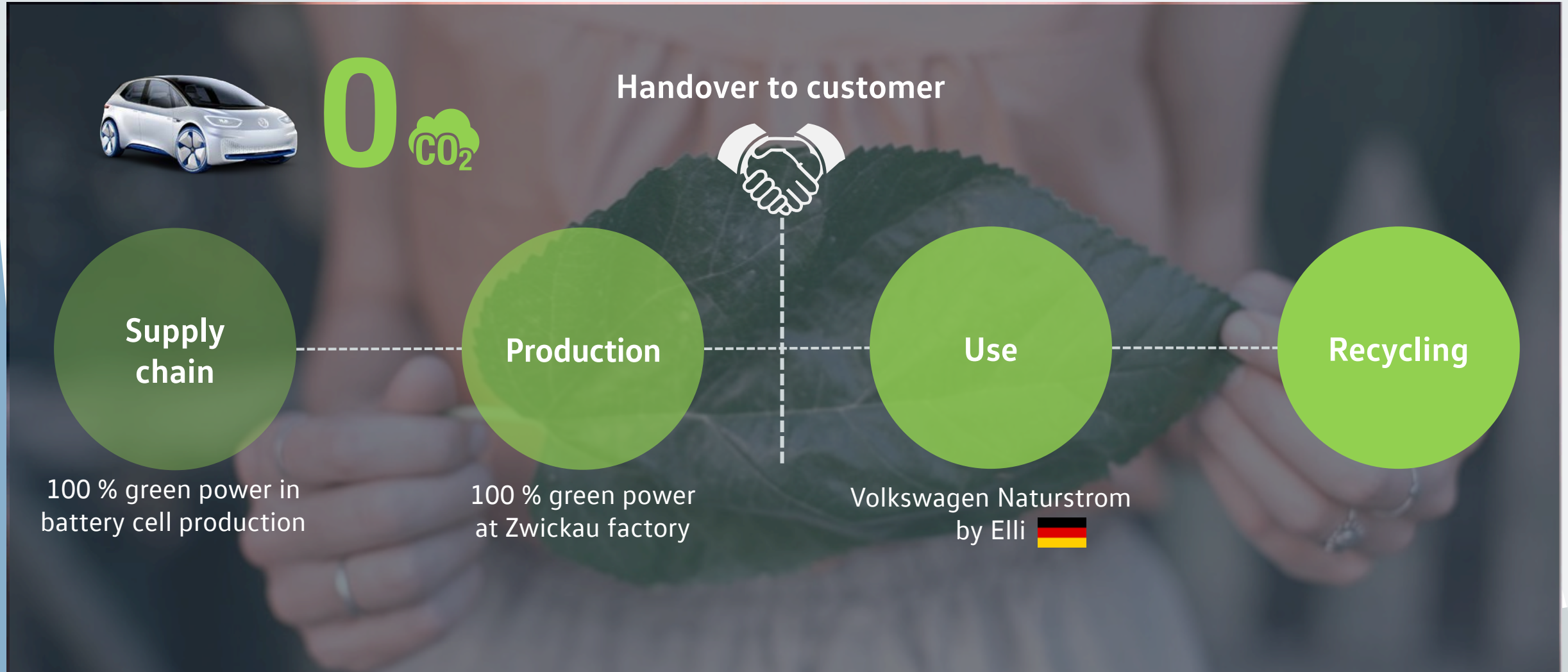
## Construction work in full swing



## 400 Pre-series cars already built

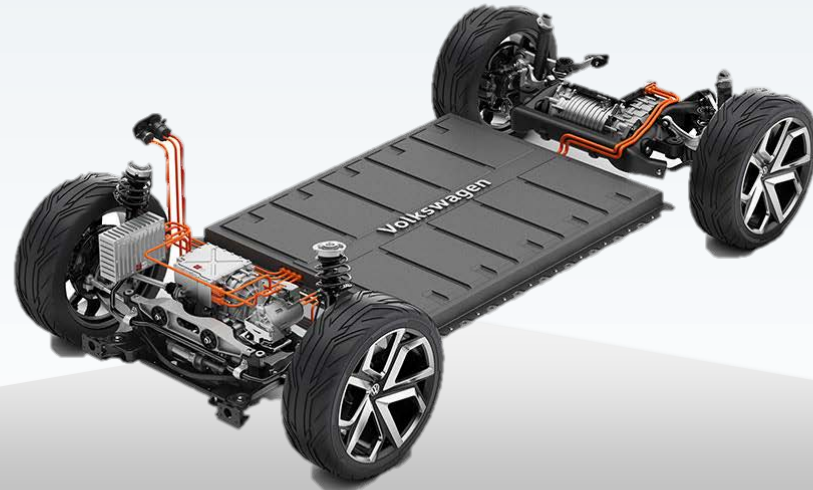


# The first steps towards a CO<sub>2</sub>-neutral society have been taken, the ID. will be handed over CO<sub>2</sub>-neutral to customers in EU





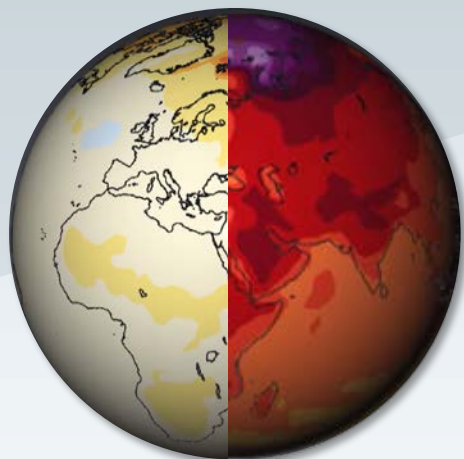
For the first wave of MEB cars, a distinct battery strategy has been defined



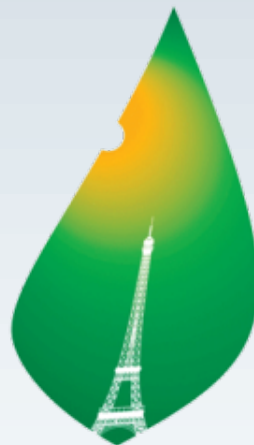
VW Center of Excellence

# The battery will be used in 2<sup>nd</sup> life applications outside the car, relevant parts of the value creation process and recycling are in-house





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# Deep Dives and Proof of Concept

**Thomas Ulbrich**

Head of E-Mobility

Board Member Volkswagen Brand

Frankfurt, 9 September 2019