

DAIMLER TRUCK

Daimler Buses

Von EURO VII über E-Fuels bis E-Mobilität: Wie können die Rahmenbedingungen zur CO2-freien Mobilität im Stadverkehr umgesetzt werden?

FORUM I: TECHNIK

Challenges and possible consequences for manufacturers

VDV Jahrestagung 2023

Till Oberwörder | CEO Daimler Buses



GLOBAL DEMAND FOR BUSES WILL GROW

Uptake of emission free buses throughout all segments



TRENDS & DRIVERS FOR GROWTH

- ▶ EU Green Transport Transformation drives renewal of fleets, esp. in the city bus segment
- ▶ In LA **growing population** and **urbanization** lead to higher demand
- ▶ **More public transport** due to increasing importance of quality of life, safety, cityscape and health
- ▶ **Recovery of tourism** industry



REGULATIONS FORCE ZEV PRODUCTS

CO₂ legislation in Europe:

- ▶ 100% ZEV for “urban” buses by 2030
- ▶ -45% for interurban and coaches by 2030

Dedicated eStrategy in Latin America

Programs for sustainable buses also in North America



“IT IS THE DECADE OF THE BUS”

WE ARE ELECTRIFYING ALL OUR SEGMENTS AROUND THE GLOBE

We have the right buses at the right time

CITY BUS SEGMENT

2018

eCitaro
in Europe

INTERURBAN SEGMENT

2022

Electric chassis
in Brazil

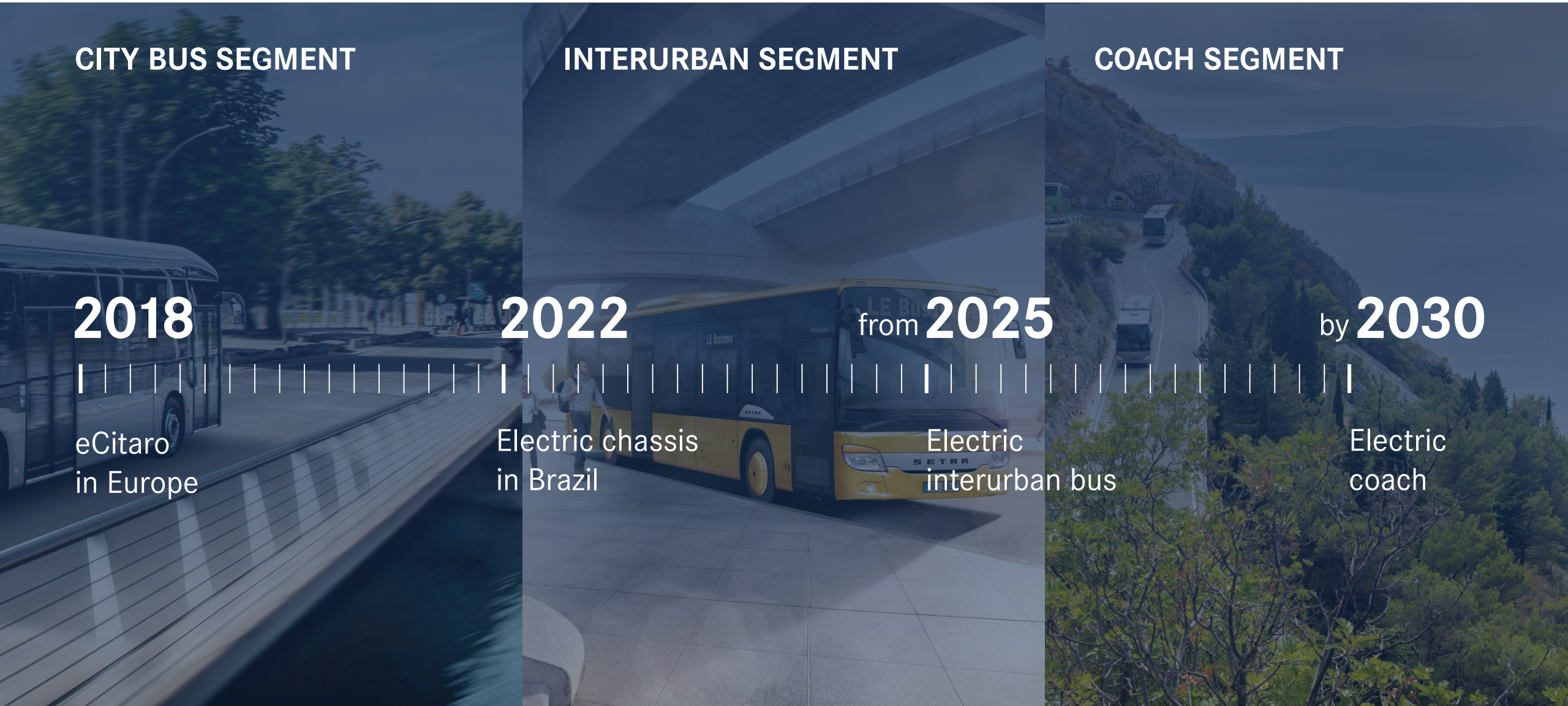
from 2025

Electric
interurban bus

COACH SEGMENT

by 2030

Electric
coach



THIS MEANS: WE'RE PURSUING A DUAL STRATEGY



**BATTERY-ELECTRIC &
HYDROGEN-POWERED BUSES**

ONLY BY JOINING FORCES WE CAN MAKE E-MOBILITY WORK

Manufacturers | Mobility Providers | Policy Makers



- ZEV mandate for **city** buses in 2030
 - ▶ Challenging but straight forward if boundary conditions are correct
 - ▶ More opportunity than threat: planning security and focus of investments
 - -45% CO₂ reduction for **interurban** and **coach** not realistic ('25 vs. '30)
 - Introduction of EU VII equals misallocation of resources
- E-SYSTEM TRANSFORMATION:** POLICY MAKERS NEED TO ENSURE INFRASTRUCTURE & ENABLE COST PARITY TO SUPPORT DEMAND SIDE

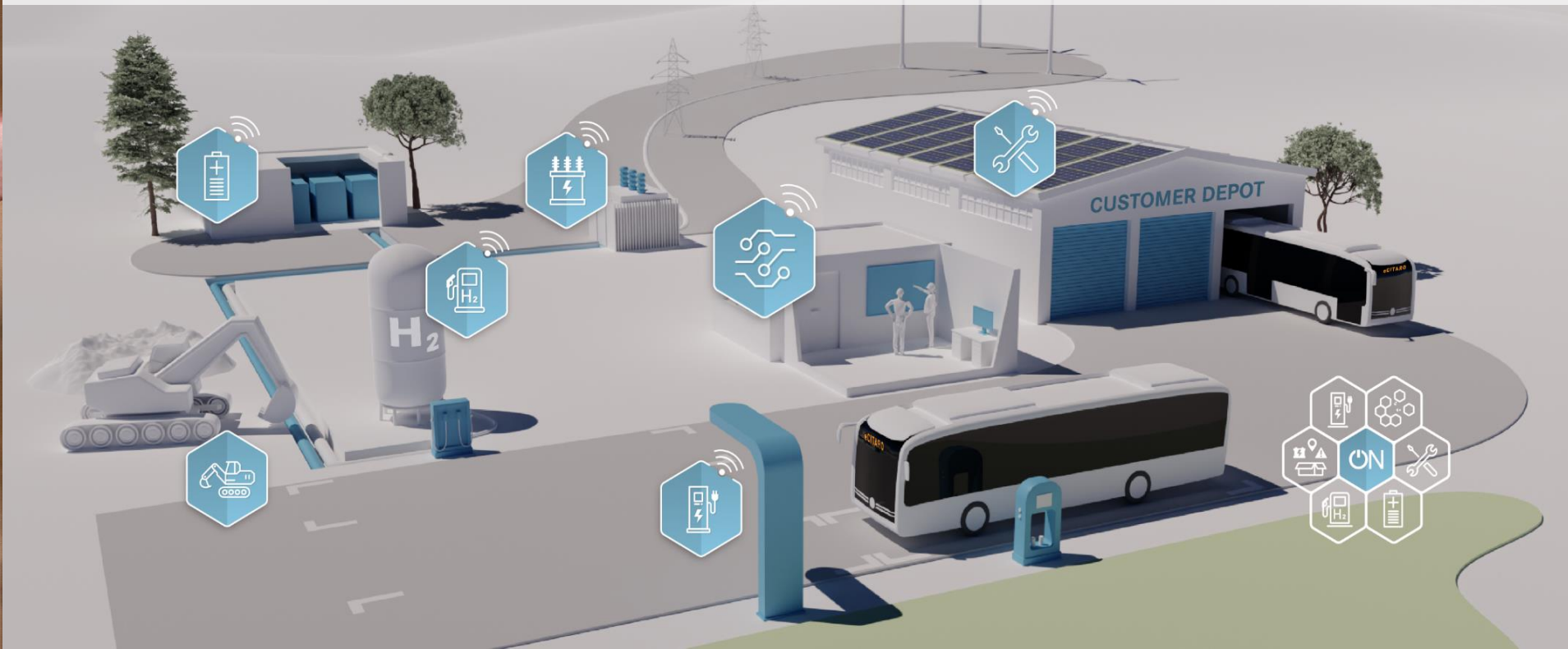
PRODUCTS ARE NOT THE BOTTLENECK – THEY ARE IN OUR PIPELINE

WE SUPPORT OUR CUSTOMERS WITH COMPLETE TURNKEY E-SYSTEMS

Our strategic approach to electrification goes far beyond the vehicle itself



COMPLETE TURNKEY E-SYSTEMS



TAKE CARE. TAKE A BUS.

