



Nutzfahrzeuge

We Transport Success

The impact of environment and EU regulations on the LCV market.

Denmark | 9th & 10th September 2020

Global challenge: Climate change

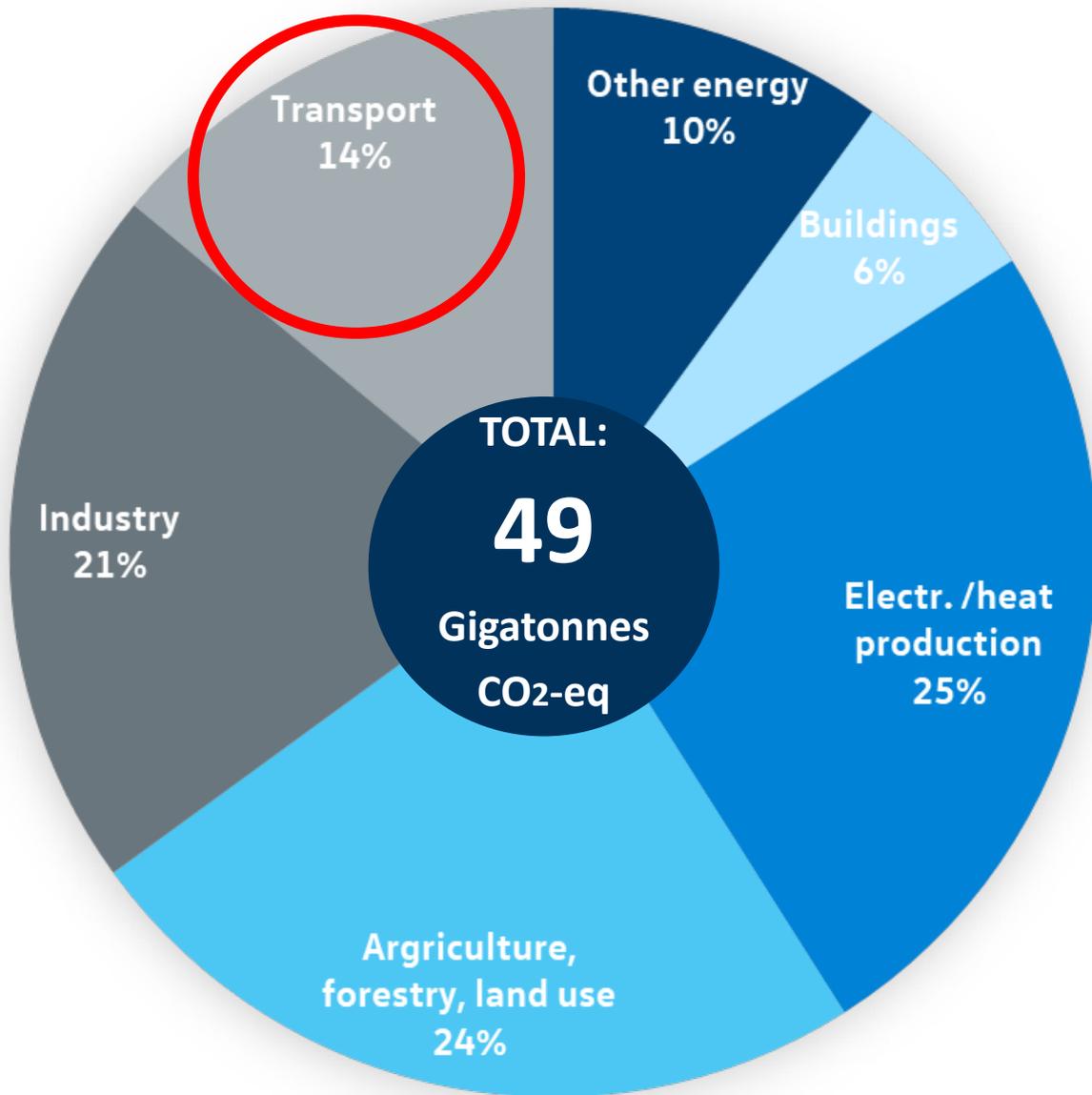


Who is insured?

Why?



TRANSPORT accounts for about 1/7 of global CO₂ emissions



Source: IPCC 2014, EEA 2018



Nutzfahrzeuge



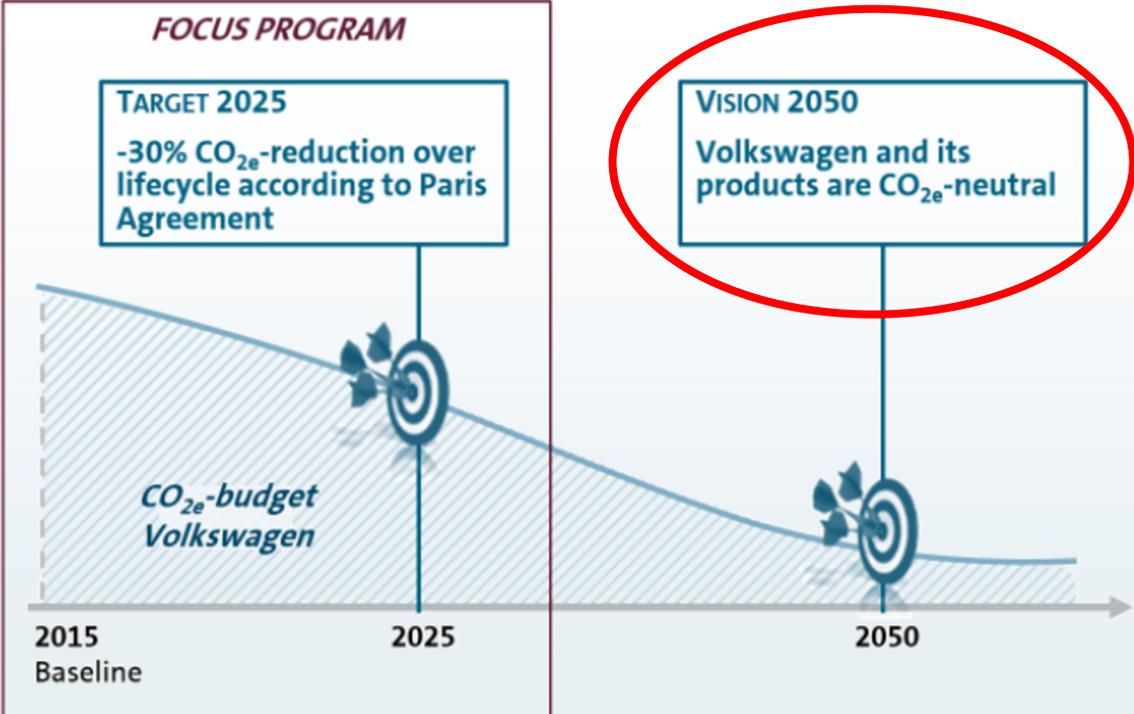
VOLKSWAGEN IS
RESPONSIBLE FOR 1%
OF GLOBAL CO₂
EMISSIONS

Clean Decarbonization

Sources: VW AG sustainability report,
Greenhouse gas emissions on www.climatewatchdata.org



Nutzfahrzeuge



GROUP SUSTAINABILITY strategy and DECARBONIZATION program

Source: Volkswagen Group

Commitment to



Political Impact I

647 Urban Entry Restrictions

18 City-Toll-Systems

304 Exeptions for Vehicles with
alternative Powertrains



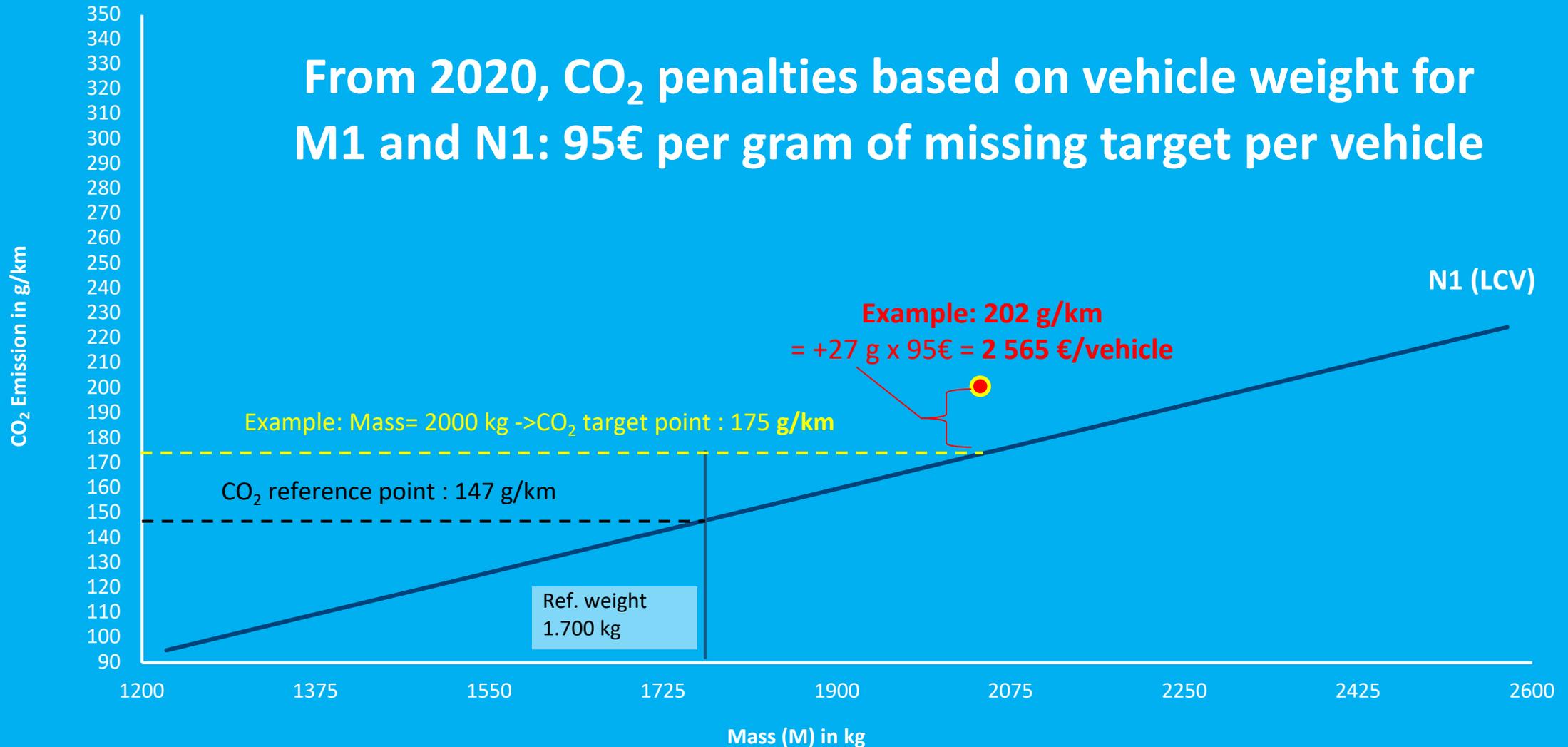
Status End of 2019



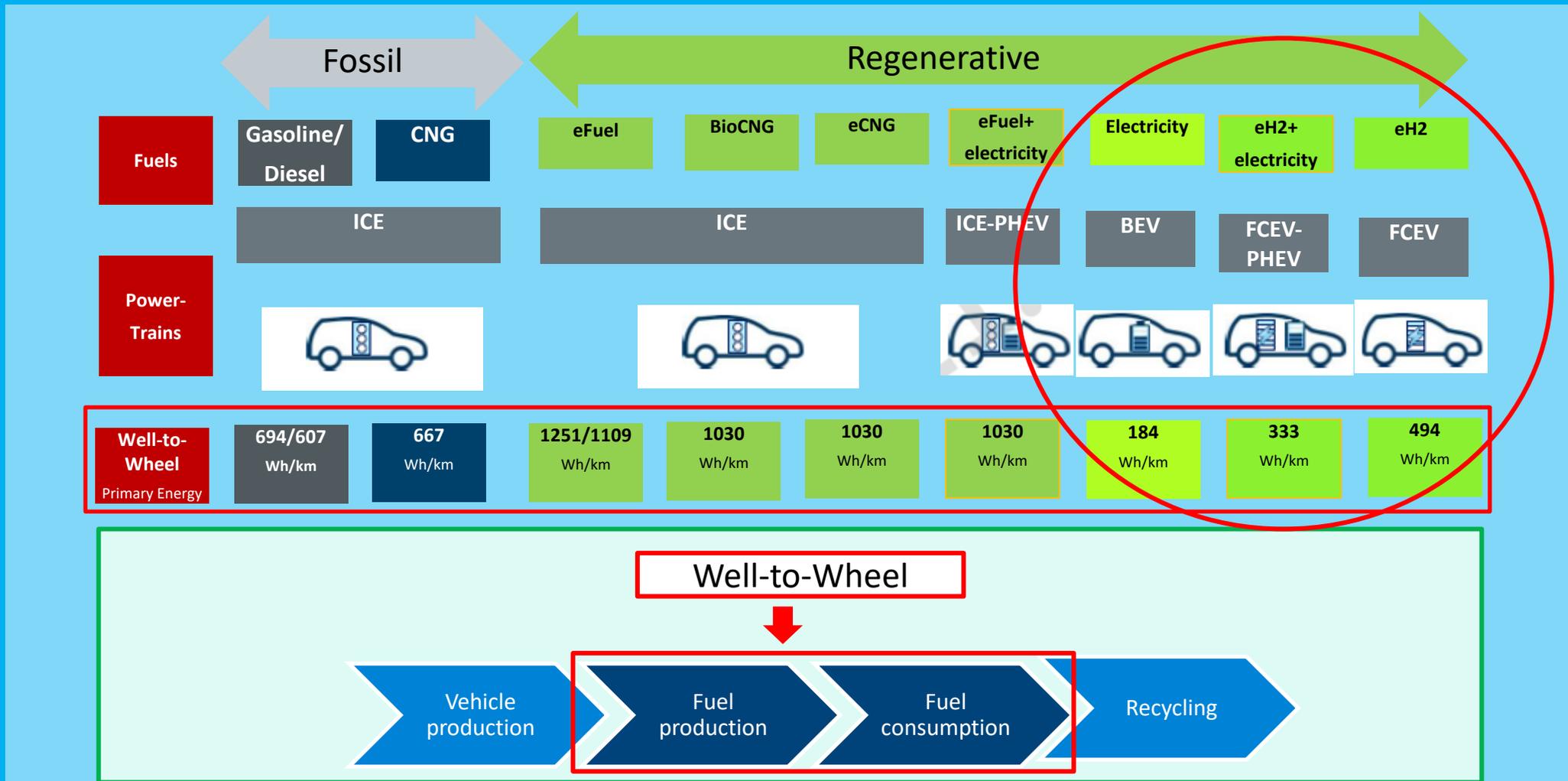
Nutzfahrzeuge

Political Impact II

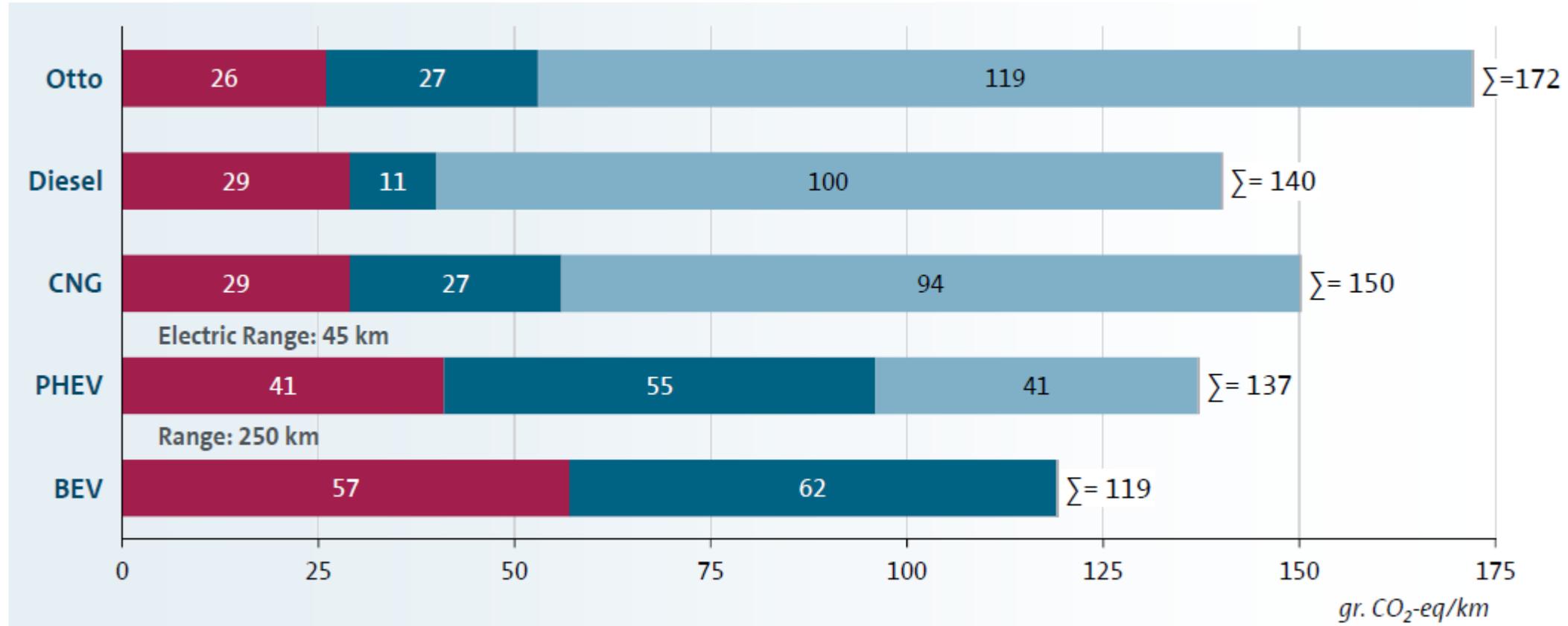
From 2020, CO₂ penalties based on vehicle weight for M1 and N1: 95€ per gram of missing target per vehicle



Comparison between Different powertrains and fuels (PC)

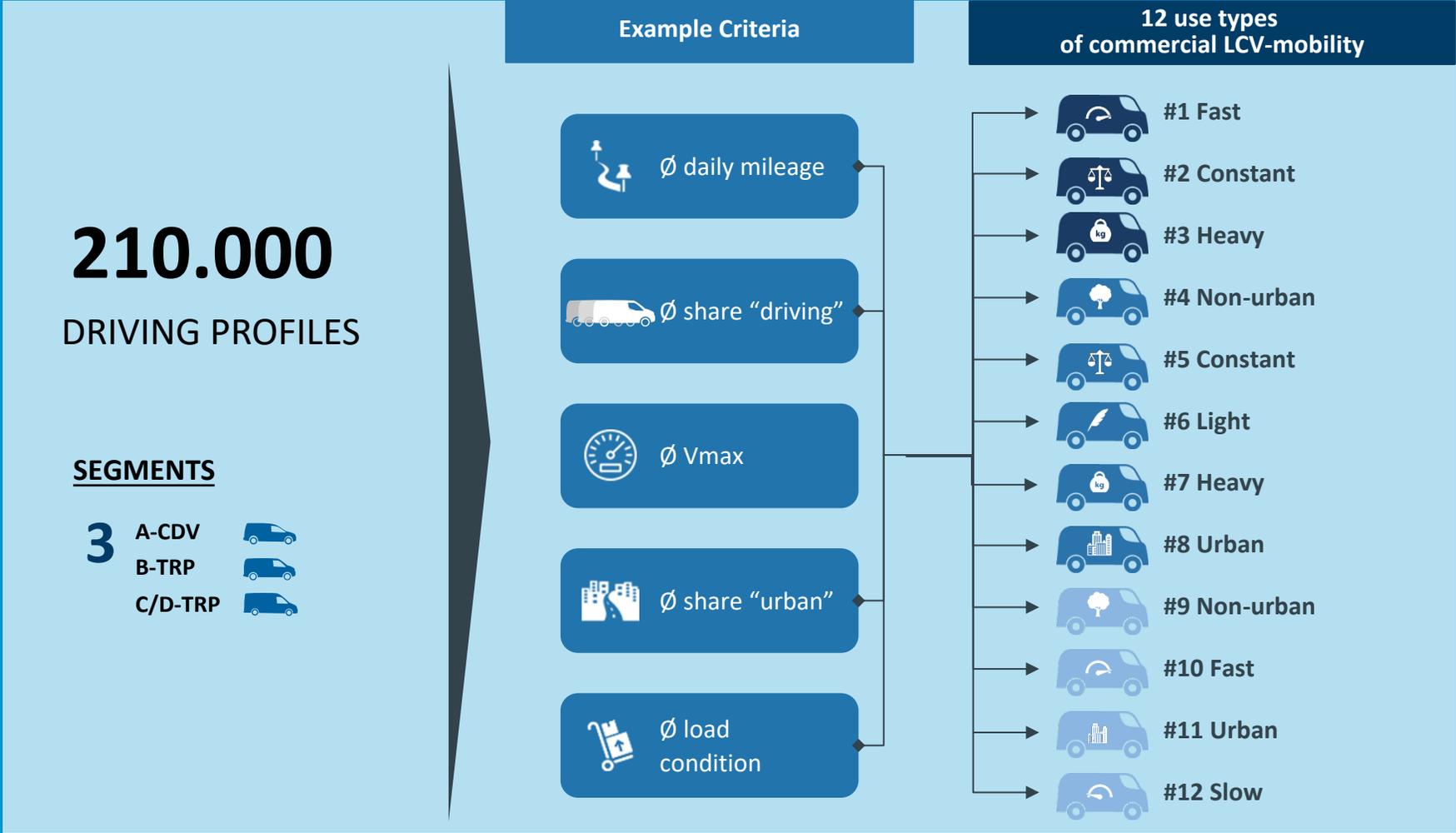


From today's perspective, e-mobility is the best and most efficient way of achieving climate-neutral, clean mobility.



Quelle: Volkswagen 2019, Golf-Klasse, EU-28 Strom-Mix, WLTP, 200 Tkm

VW Commercial Vehicle's E-Mobility Study



Source: Volkswagen internal

Key Findings of study



Ø 30 %

> 175 km / day



Ø 55%

70 – 175 km / day



Ø 15 %

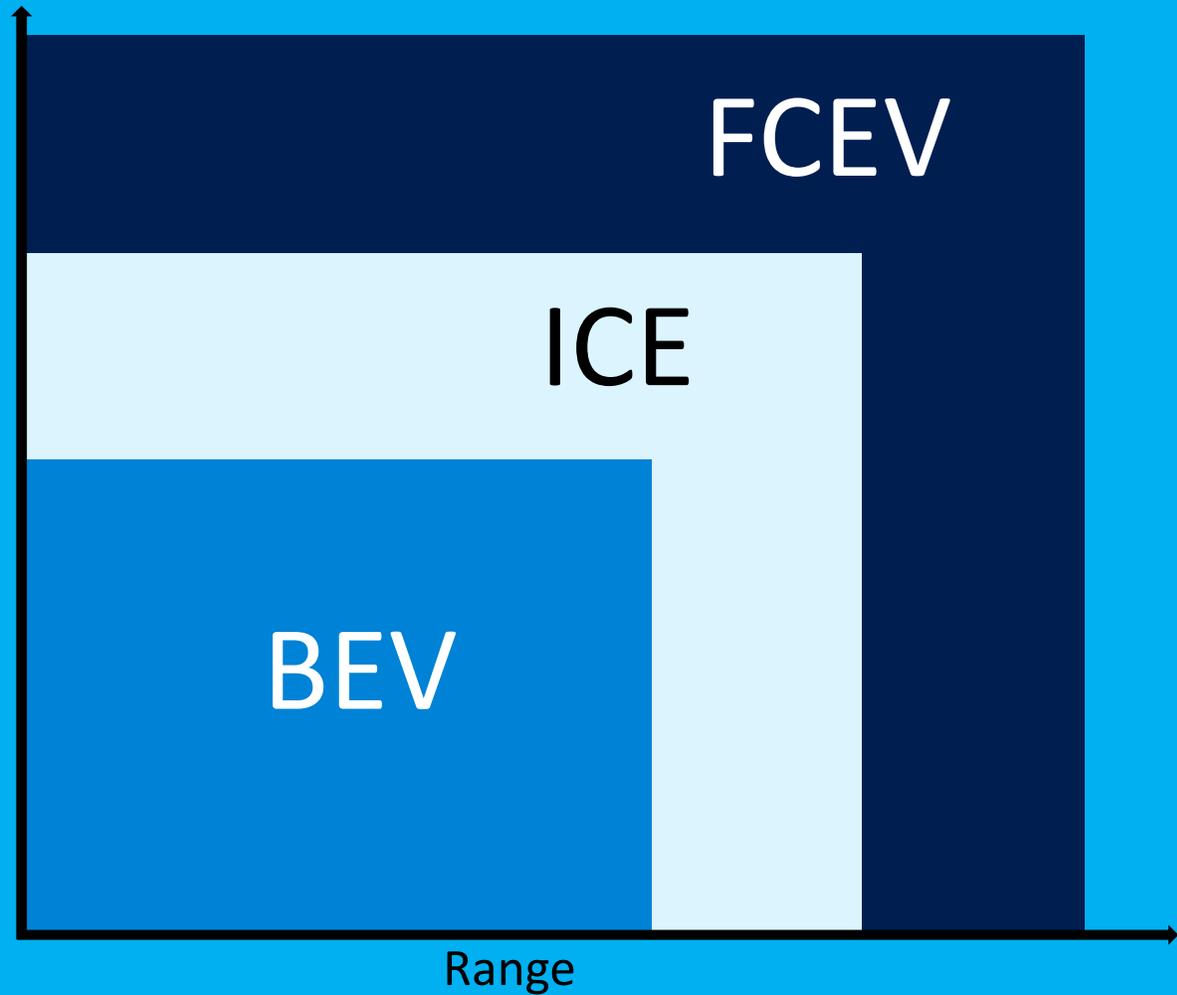
Ø 70 km / day

(85% city, 40 – 100 stops, min. 900 kg)

Driving Profiles and suitable powertrains for different use types.

12 use types of commercial LCV-mobility	
	#1 Fast
	#2 Constant
	#3 Heavy
	#4 Non-urban
	#5 Constant
	#6 Light
	#7 Heavy
	#8 Urban
	#9 Non-urban
	#10 Fast
	#11 Urban
	#12 Slow

Payload



The largest electric offensive in the automotive industry is gathering pace.



~75

New all-electric models

~33

Billion euros investment

~26

Million vehicles

3

World regions:
China, USA, Europe



**Battery production:
Volkswagen invest 900 Mio. € in Northvolt**

First e-Crafter Ambulance in Germany



Thank you.

