

SKODA VISION IV - STEPPING INTO A ZERO EMISSION FUTURE



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SIMPLY CLEVER

Jil- Katharina Mahler, Senior Product Strategist Skoda Auto a.s.
19 September 2019 Tallinn Song Festival



VIDEO - Mother nature



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“Climate change is the most important issue we face.”

António Guterres, Secretary-General of the UN

Opening the COP24 UN Climate Change Conference 2018 in Katowice, Poland



Paris, France

1,5°C

IDEAL

PRESIDENCE
DE LA COP

TARGET

< 2°C



By 2050

Carbon Neutrality





CO₂ share of passenger cars in the EU

2017

15%

EU28

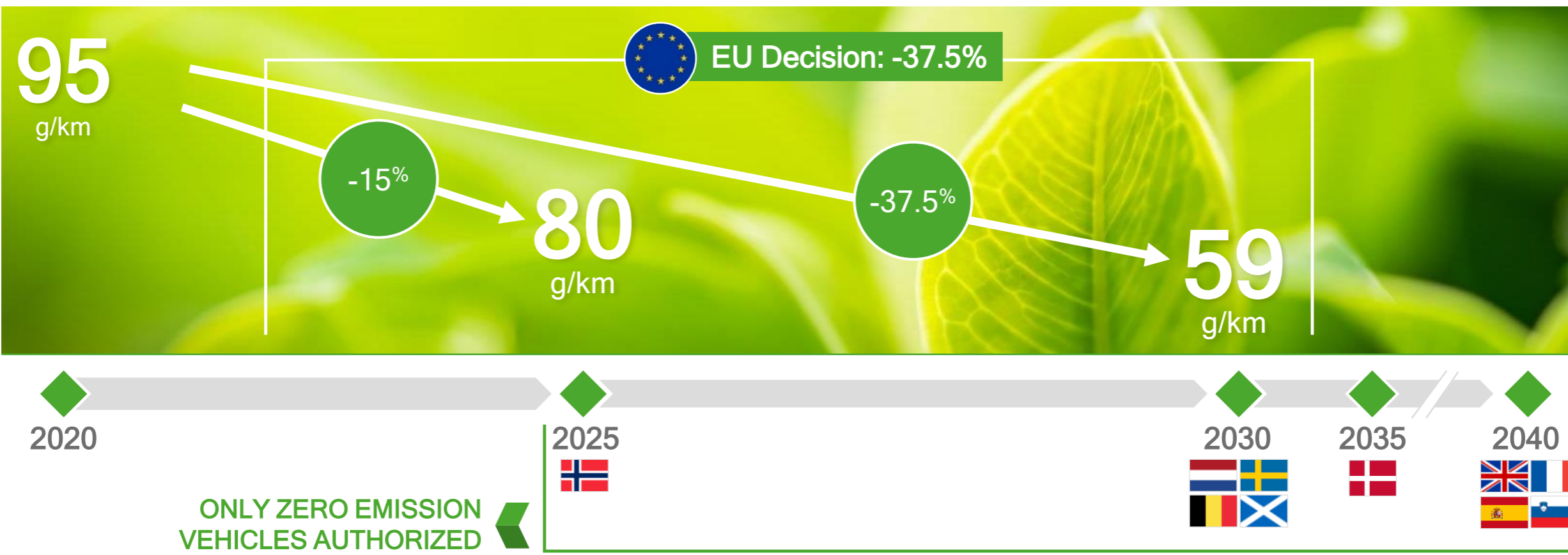


Source: European Parliament (2018)



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In the next decade we have to face the strongest car market regulation ever in EU28+3



ŠKODA ZEV share assumption is 50% by 2030 in Western Europe



2017

0,81%

EU28+3



2018

1,08%



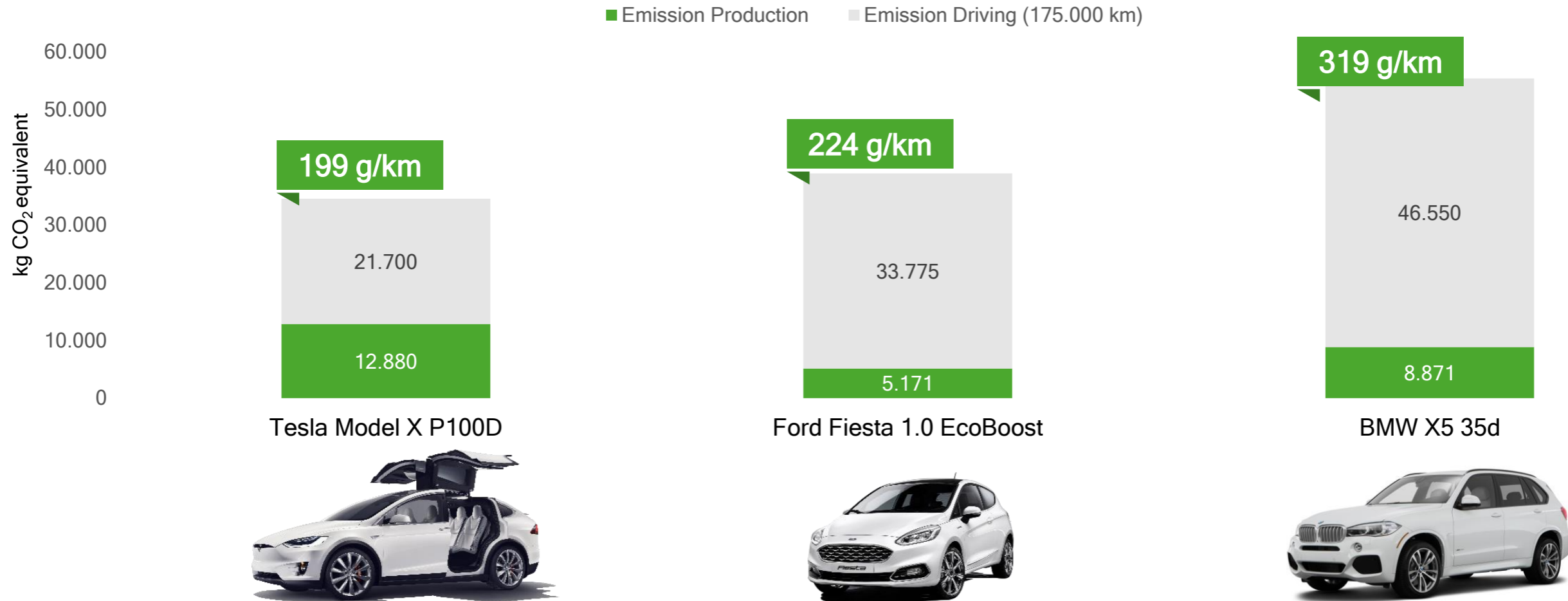
The market share of BEV cars in EU is slightly increasing, but still low



Comparison CO₂ consumption in the German Market



Even taking into account German energy mix of 2017 the Tesla Model X has better CO₂ values than a Ford Fiesta 1.0 EcoBoost from a lifetime perspective after 175.000 km

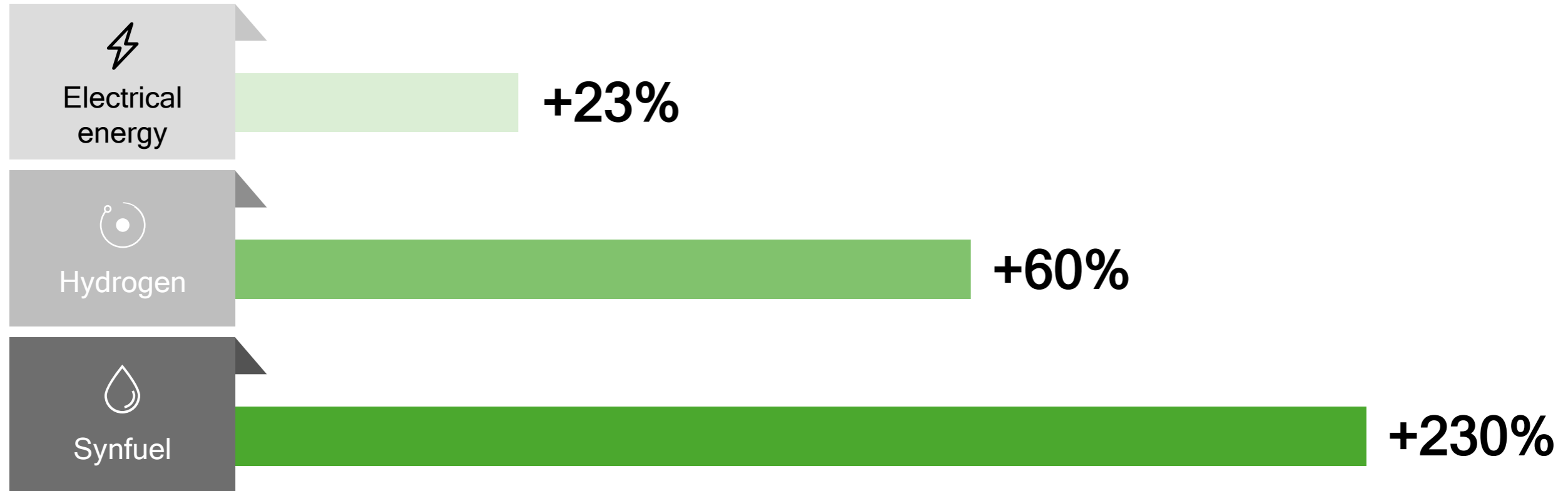


Source: Massachusetts Institute of Technology (MIT), Trancik lab, November 2017 ; Energy Mix Germany 2017 (Until October 2017)

Energy efficiency of different powertrain concepts

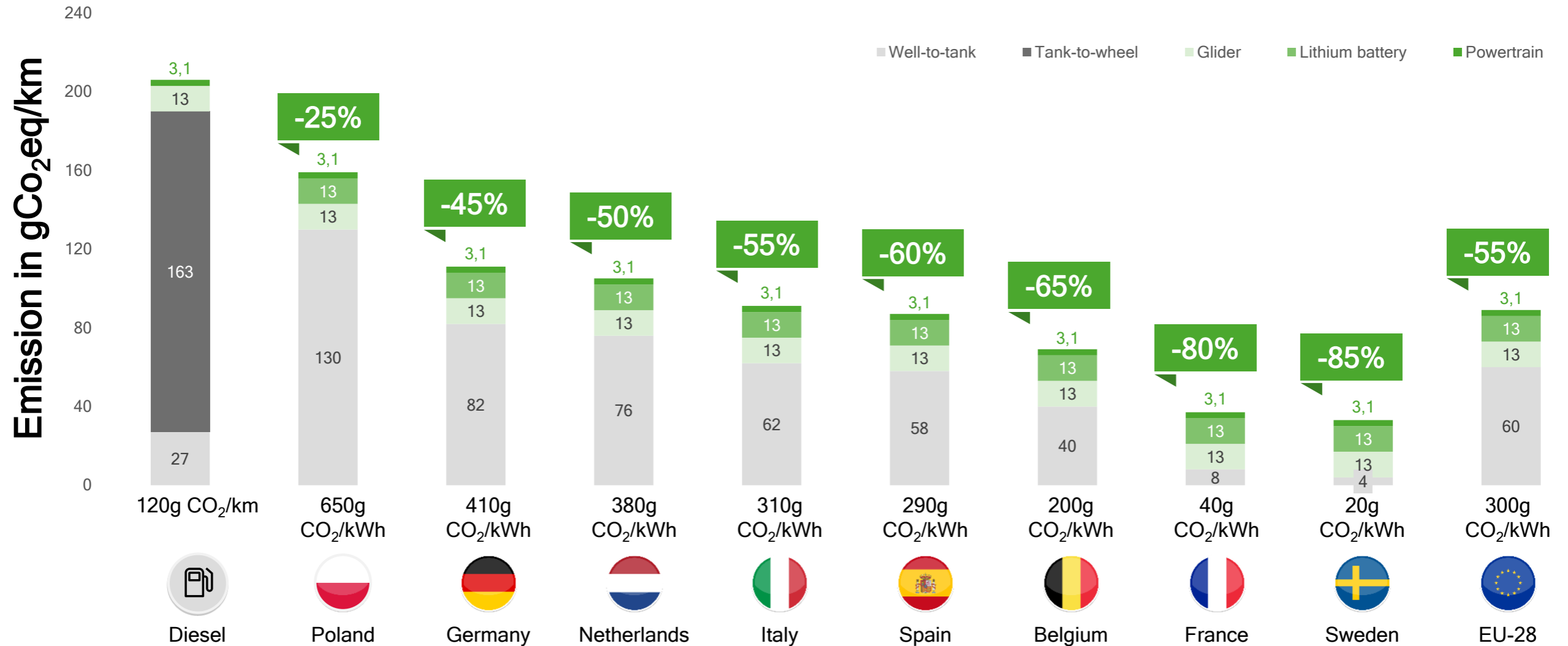
Additional electric energy production needed vs. 2017 in Germany for climate neutral mobility, based on driven mileage of 626 billion km in 2017

Additional electric energy production needed vs. 2017 in Germany



Source: Evolution2Green, Roadmap Elektromobilität, 2017

Electric vehicles' climate impact in different energy mixes



Source: Messagie, M. Life Cycle of the Climate Impact of Electric Vehicles, October 2017. VUB university, Brussels

... just like a popcorn, the **EV offer** will **pop...**



The number of new **BEVs** will **explode**
from **2020** and **onwards**



ŠKODA **A SUVe Family** based on **MEB Platform**

Targets of ŠKODAs E-Mobility product strategy to secure success in the future



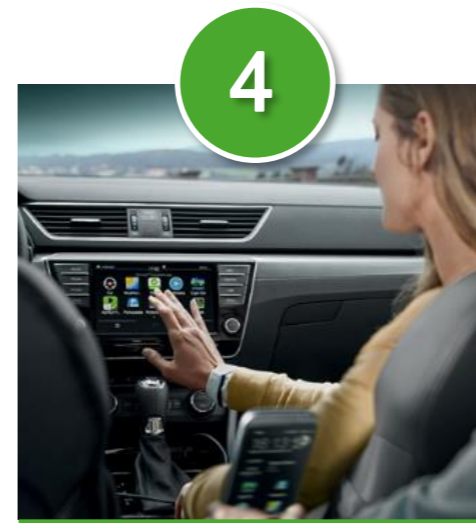
**Sufficient
real-world range**
for daily routine and for
special occasions



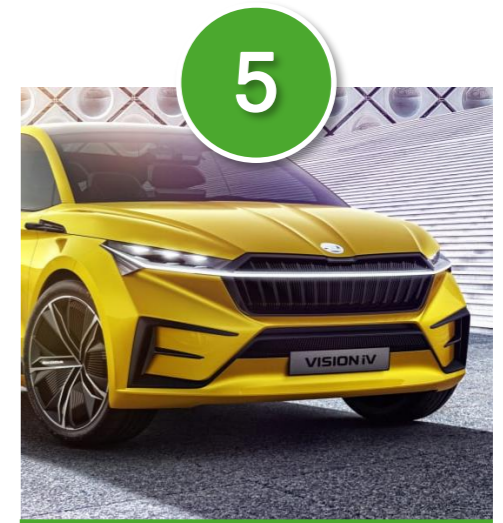
**Value for
money**



Fun to drive



**Connected Car &
ADAS**
(Advanced Driver
Assistance Systems)



Desirable Design



Desirable Design



IONITY is a joint venture of BMW Group, Daimler AG, Ford Motor Company, and Volkswagen Group with Audi and Porsche.

THE goal is simple: Building a high power charging network for electric vehicles along major highways in all Europe



ONE EUROPE, ONE PLUG

IONITY replaces the hassle of Europe's dizzying array of electric sockets - with a single plug.



EASE TO USE

IONITY charging stations offer quick, seamless, on-the-spot smartphone payments via mobile browser or your provider card
JUST COME AND CHARGE



Line up iV



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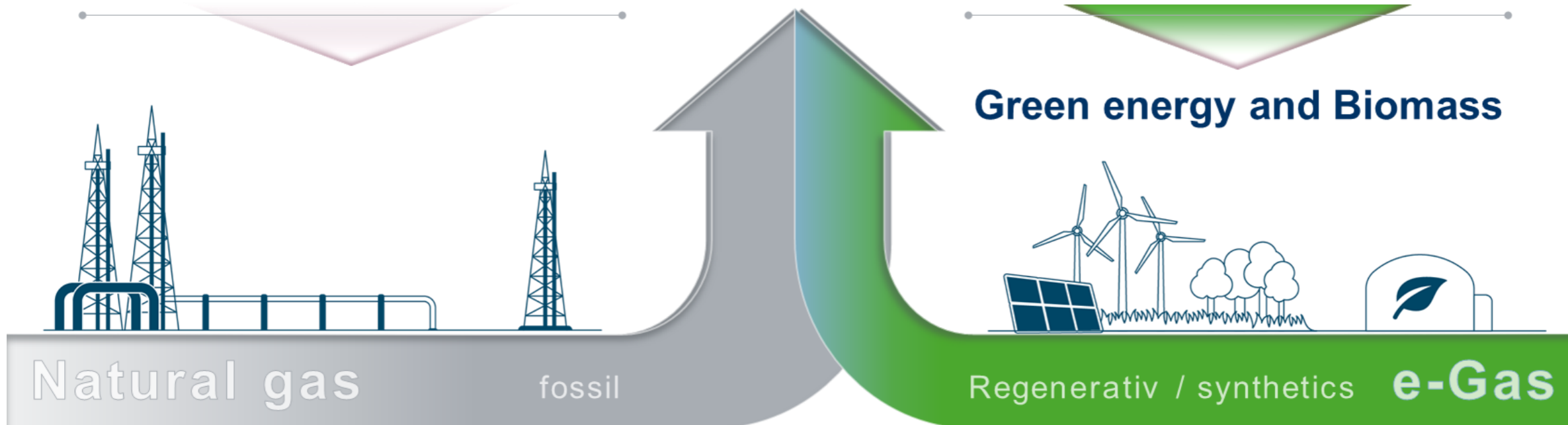
CNG - Reducing CO2 and available already now!

Power to Gas replaces fossil natural gas already today!

CNG

Fossils methane

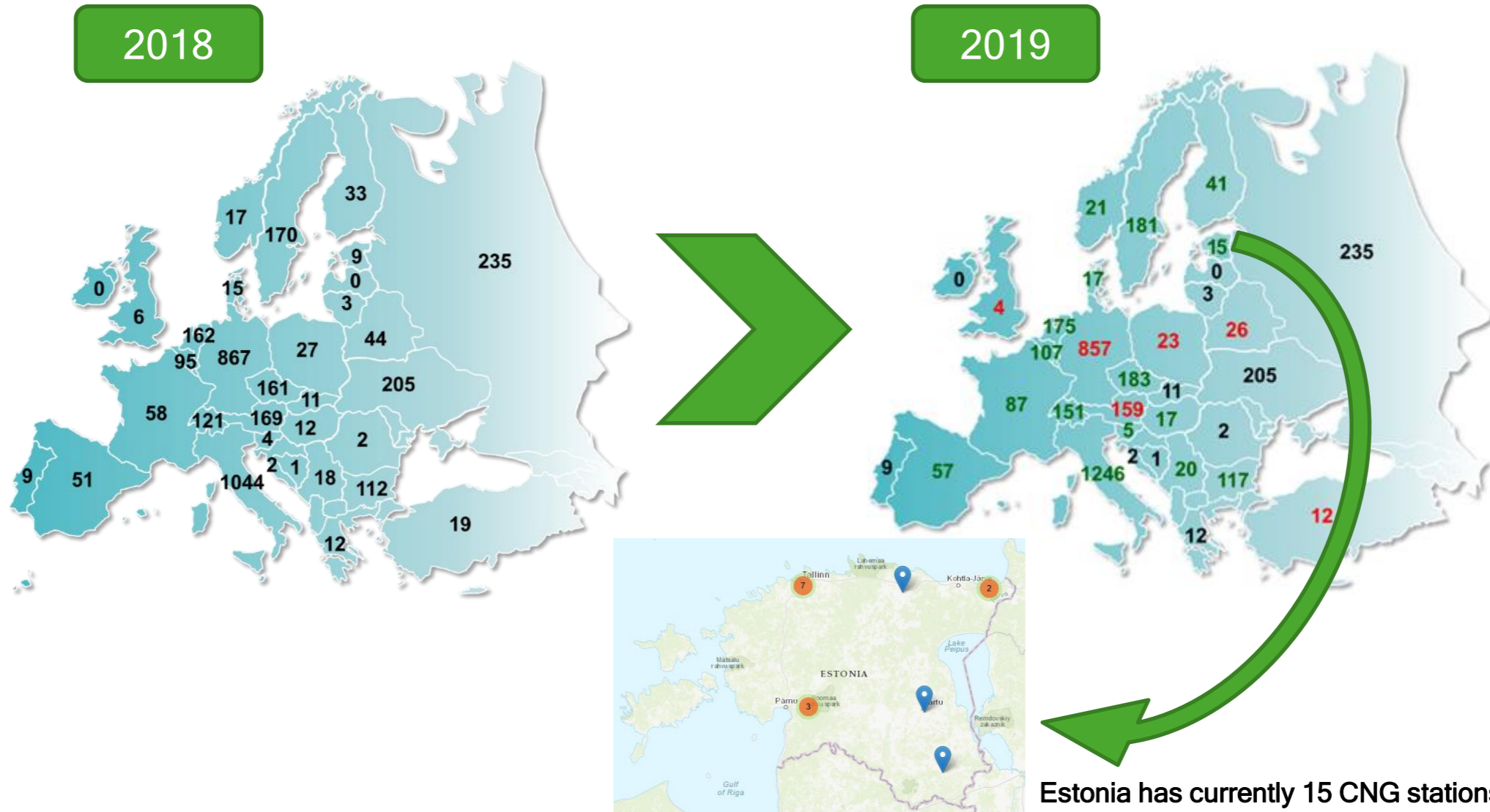
...replacement of Fossils methane



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CNG infrastructure in Europe

CNG network is growing and has almost doubled in Estonia since 2018



Volkswagen Group CNG model range

Volkswagen Group CNG portfolio is the largest among the competitors



Volkswagen



Nutzfahrzeuge











SEAT



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Audi

A0	 Polo		 Ibiza Arona	 KAMIQ SCALA	
A	 Golf	 Caddy	 Leon	 OCTAVIA	 A3
B					 A4 A5



New CNG technologies

New 1.5l and 1.0l G-Tec engines SKODA models



1,5L TGI EVO

- Leistung: 96 kW (130 PS)
- Max. Drehmoment: 200 Nm

- Great TCO.
- Lower surcharge for G-Tec.
- Increased CNG range.



SKODA KAMIQ

SKODA SCALA



- Lower CO2 emissions.
- Attractive price.
- Attractive offer for private customers.

SKODA G-TEC Product News 2019

New SKODA CNG models:

- SCALA G-TEC and KAMIQ G-TEC in Q4 2019 available!
- New 1,0l 66kW (90PS) engine
- Quasi-monovalent with improved CNG-range

SKODA OCTAVIA Combi G-TEC now available!

- New engine 1.5l, 96 kW (130 PS) and DSG
- Quasi-monovalent with optimised CNG range!
- Attractive CNG-pricing!



Introduction of
SCALA G-TEC
at the SCALA
world premiere
on Dec 06th. 2018
in Tel Aviv.



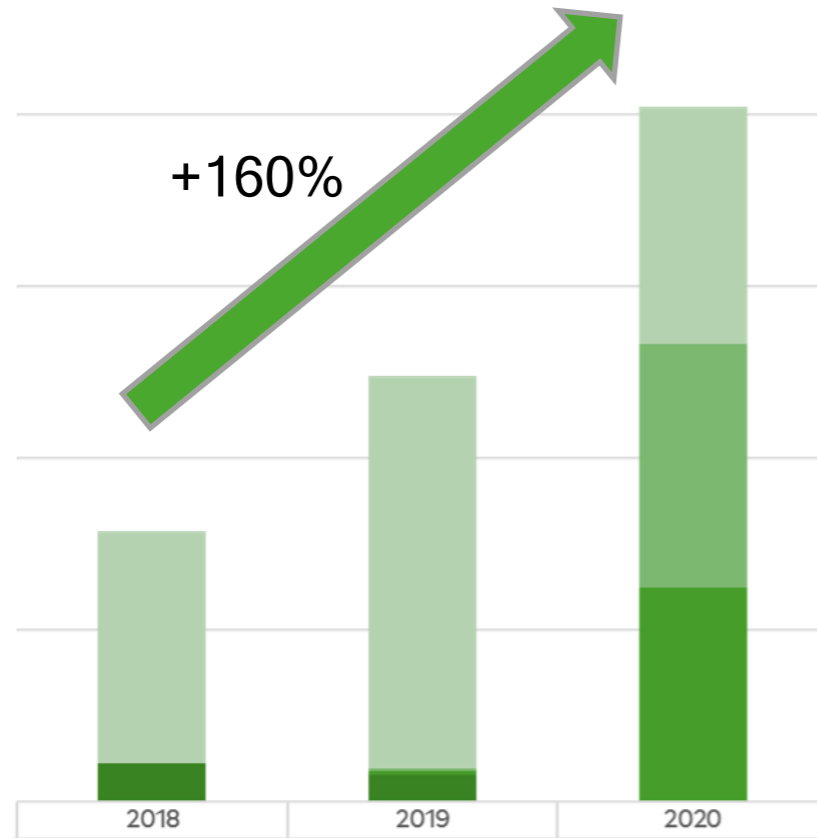
Presentation for **over 3.500 European SKODA-dealers, fleet customers and suppliers**

at SCALA World Dealer Conference
2019

01.04. - 11.04.2019 in Valencia, Spain.

ŠKODA CNG portfolio

Huge volume-growth due to new products and new technology.



Source: 2018 KAMA, 2019-2020 BKM, 2021-2023 PR 68.1