

TechShow

Around the World. **Mobility.** Our Heartbeat for 150 Years.

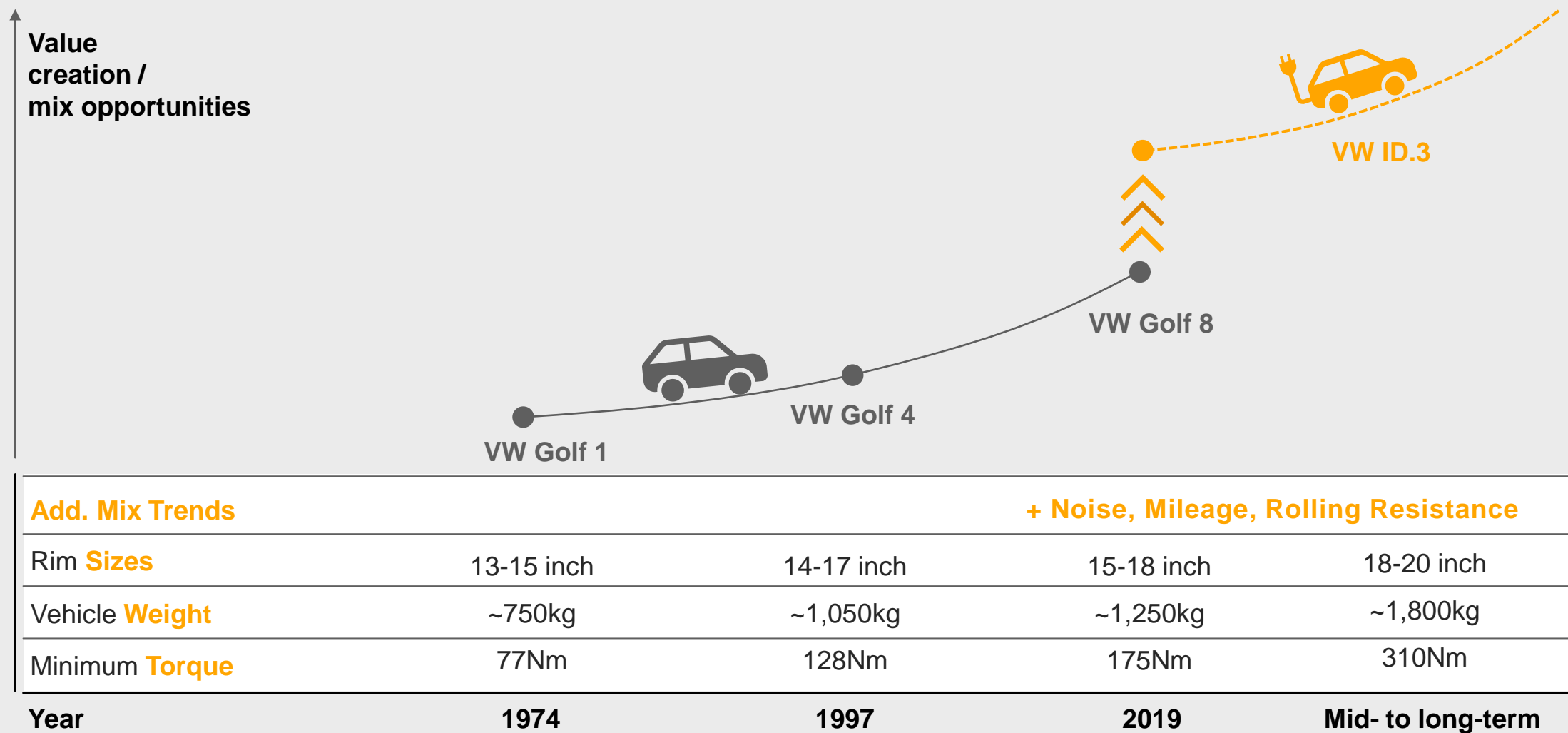
TechTalk at Tires

Insights into the Development of Tires for EV's

Transformation of the Automotive Industry

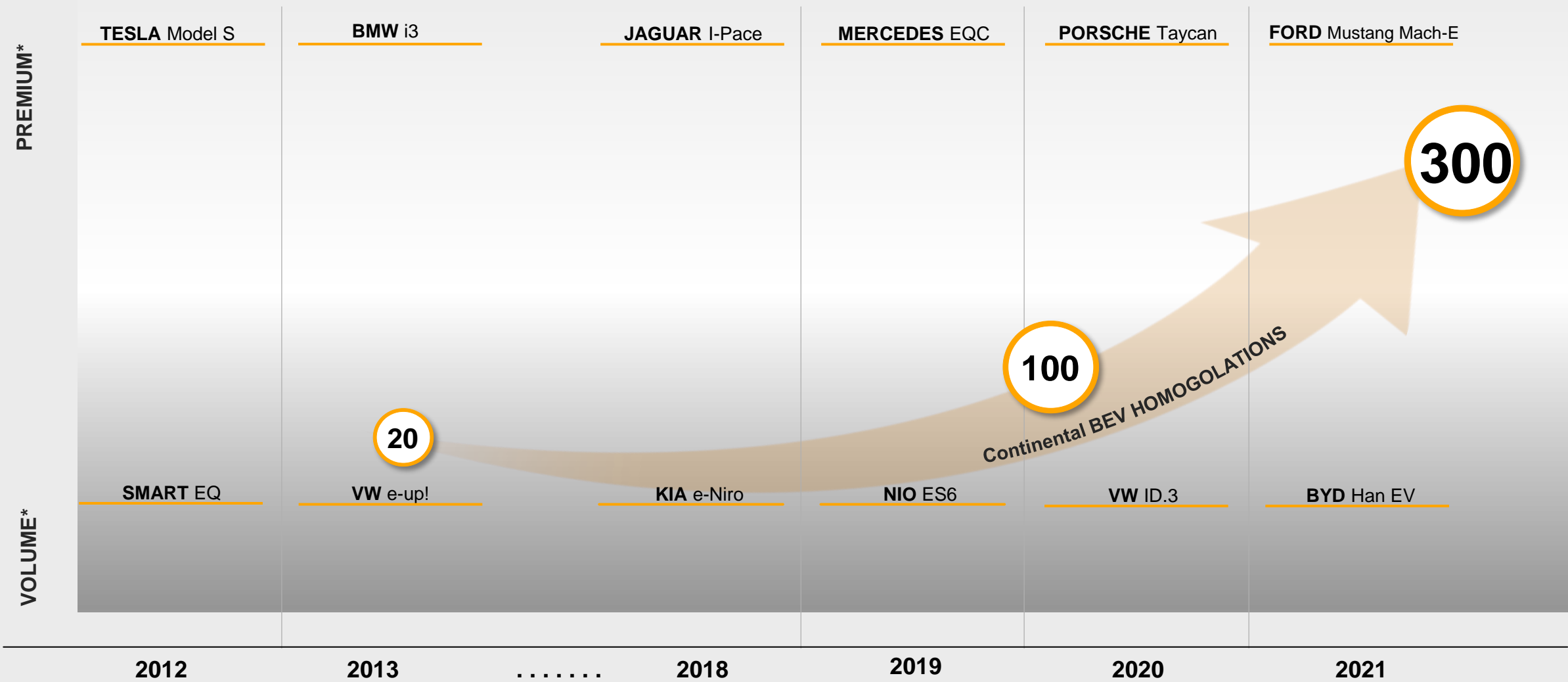


BEVs expand existing mix trends and create new areas for differentiation



From First Mover to Broadly Positioned Leader

Strong presence on world's most popular BEV models



*selected approvals

Tesla Development Partnership

10 years of experience ensures EV readiness of all our product today



Long-term Partnership

2012

- › First series delivery to Tesla following agile development process for Model S

2013

- › Sourced for Model X
- › First developed SportContact for Model S

2015

- › Start of CrossContact for Model X

2016

- › Sourced for Model 3

2019

- › Sourced for Model Y
- › Additional approvals for Models S and X



Custom Portfolio

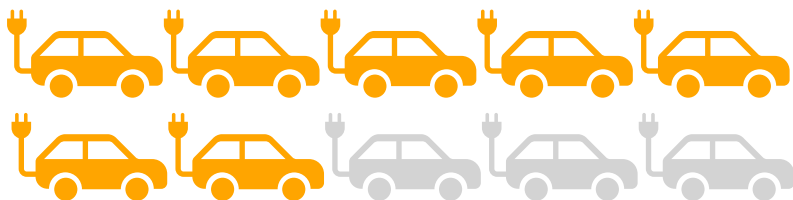
- › By 2021 we have received >40 target approvals for all Tesla models, coverings our broad range of premium summer, winter and all- season tires in both OE and replacement

More to Come

Constantly rising Continental BEV market share, even in 2021



A Broadly Positioned Global Leader

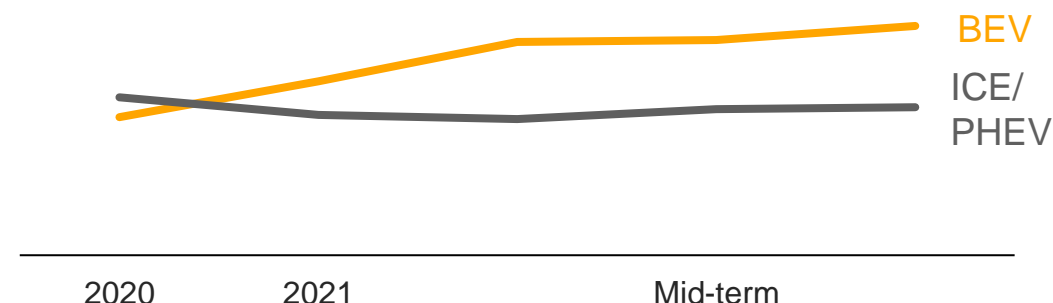


7/10 of the worlds' most successful BEV manufacturers rely on Continental tires today

Upward trend!



Continental Global Market Share Evolution



EMEA



- › Approvals for **5/5** of the most successful BEV manufacturers
- › Secure strong **value position**
- › Market share **comparable with market leading ICE share**

Americas



- › Approvals for **3/5** of the most successful BEV manufacturers
- › **Expand** market share in growth region
- › BEV market share **more than twice** of normal ICE/PHEV market share

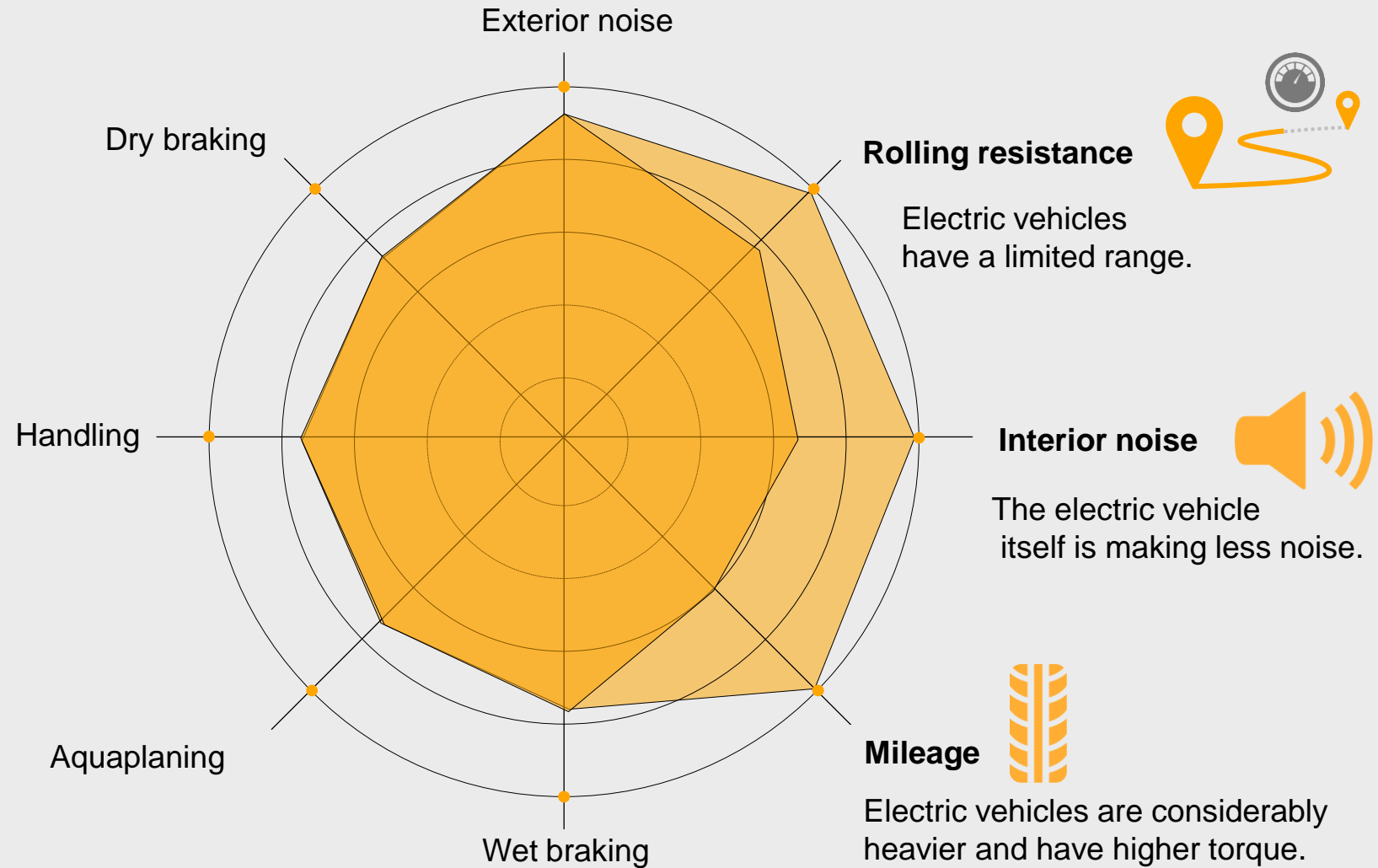
APAC



- › Approvals for **3/5** of the most successful BEV manufacturers
- › **Expand** market share in growth region
- › BEV market share **more than twice** of normal ICE/PHEV market share

Target Conflicts

BEVs pose new challenges for tire development*



* Only for indicative illustration purposes

Continental Tires Technology

We are well equipped for the requirements of electromobility



Rolling resistance

Weight reduction, **innovative rubber compounds** and specific tire designs can **significantly reduce rolling resistance**.



Interior noise

ContiSilent reduces the sound components of rolling noise perceived as particularly annoying in the vehicle interior **by up to 9dB**.



Mileage

New **abrasion-resistant rubber** compounds **extend mileage**. Super-computer driven research co-operations to drive development even further.



Extended mobility & functional integration

ContiSeal seals 80% of punctures, eliminating need for emergency tire change. This decreases load and increases **safety and construction space** needed for the battery.



High Load Capacity

High Load Index (HL) for a **higher load-bearing capacity** to handle increased weight of BEVs.



We Have the Perfect Tire for Every BEV

Our tires improve the performance of vehicles of all drive types



Performance Improvements Over Label Ratings

Special EcoContact 6Q development for Stellantis Group



Rolling resistance

+17% exceeding EU tire label rating A for energy efficiency



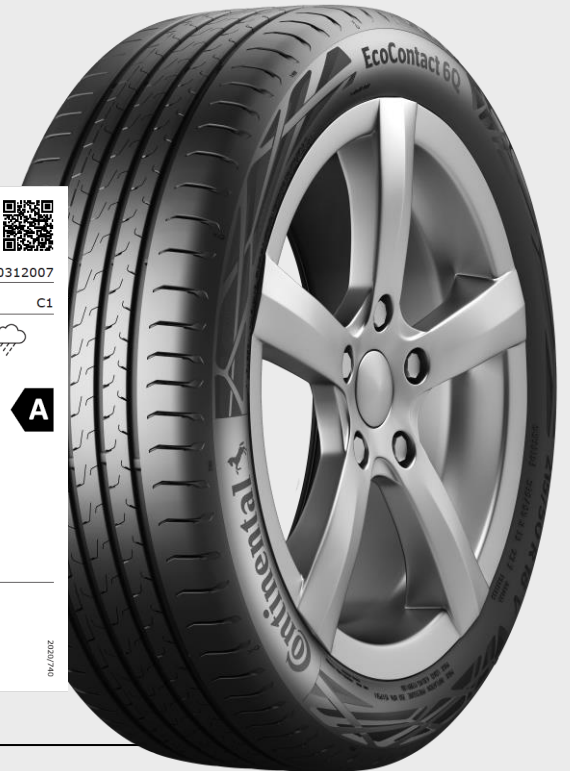
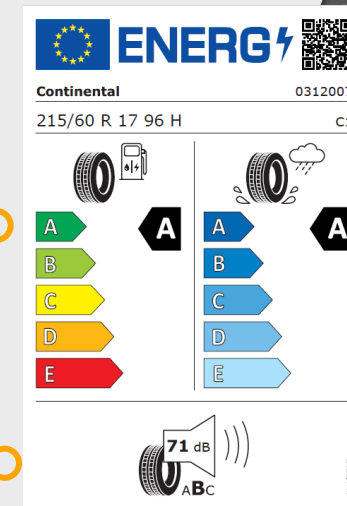
Wet Braking

EU tire label rating A for wet grip performance



Noise reduction

Reduced tire noise contributes to lower entire vehicle noise emissions and successful homologation



- ❖ Continental has developed a tire with a significantly improved rolling resistance for all electric Stellantis-SUVs Peugeot e-2008, Opel MOKKA-E and DS 3 Crossback E-TENSE, as well as all combustion engine versions of these models that will be factory-equipped with the 17-inch tire.
- ❖ The tire is based on a Continental EcoContact 6 Q. Its energy efficiency classification exceeds the EU tire label value A requirements by around 17 percent, which means it has a particularly low rolling resistance. The Tire has also received the top EU tire label rating A for wet grip.
- ❖ For further information, please click [here](#)

Sustainability in Tires

Minimizing resource consumption and further increasing efficiency



- › 37% of renewable and recycled materials
- › 100% responsibly sourced rubber
- › Low rolling resistance Label A

VW ID.LIFE Concept Tire



Current Technologies



- › >50% of renewable and recycled materials
- › 40% less weight
- › Rolling resistance exceeding A-Label requirements by 25%

Conti Green Concept

Lightweight
Construction



Refreshable
Tread



Natural Rubber
from Dandelions



Future Technologies

The background features a light gray surface with a dotted orange world map. Overlaid on the map are several dynamic lines: a solid white line, a dashed white line, and a thick dashed orange line that curves across the frame. A semi-transparent gray rectangular block is positioned in the upper right area.

Thank you!