

# Charging infrastructure eMobility - Germany

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24th November 2020, Berlin

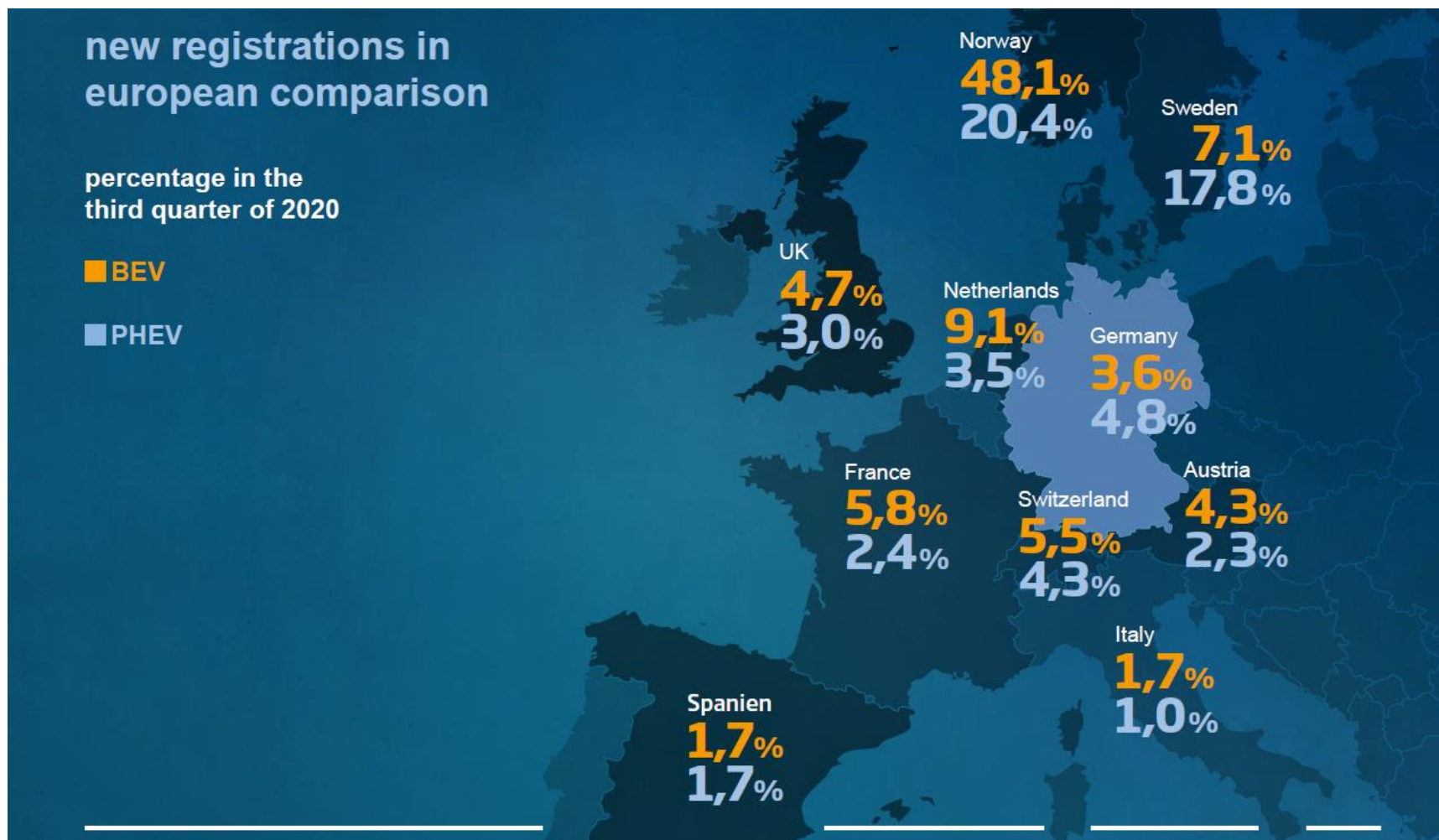


# Electric cars in Germany



Source: KBA

# New registrations in european comparison



Source: PwC

# Charging infrastructure in Germany

~ 32.000 public charging stations



CCS - DC

~ 2.700 public  
fast charging stations

~ 900 public  
fast charging stations  
of them > 100kW



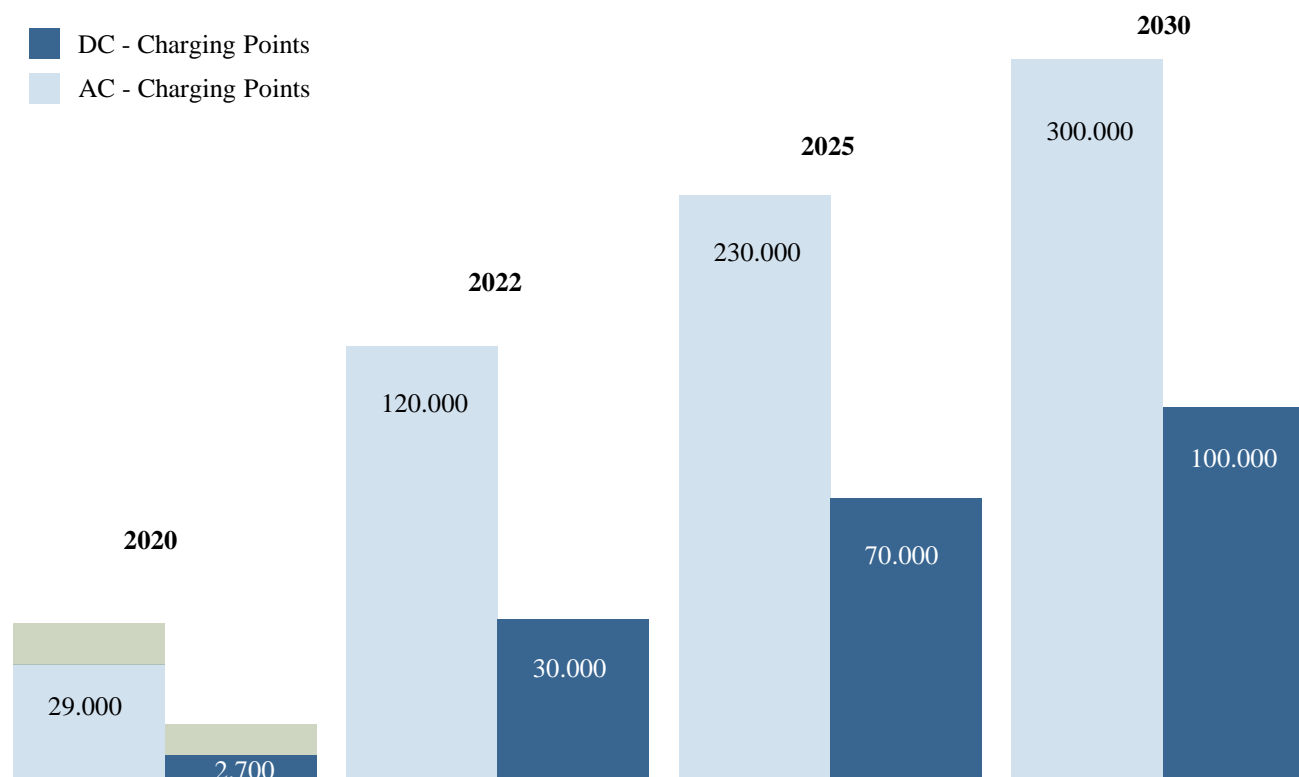
~ 29.000 public  
charging stations

~ 28.000 public  
charging stations  
of them >= 11kW



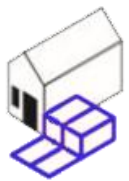

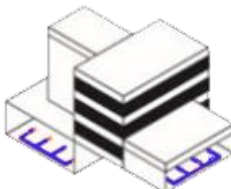
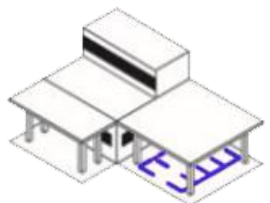
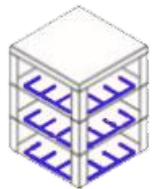

Typ2 - AC

# Expansion of public charging infrastructure in Germany



Source: BEM

# Distribution of charging processes

Distribution of charging processes	Private charging points - 85%			Public charging points - 85%		
typical locations for charging infrastructure	 Single- / double garage or parking space at your own home	 Parking spaces or underground garages in residential complexes, apartment buildings, apartment blocks	 Company parking spaces / fleet yards on their own property	 Truck stop, motorway service area	 Shopping centers, parking garages, customer parking lots	 Roadside, public parking

Source: NPE / NPM



# Funding of charging points

Private charging points		Public charging points	
<p>Since 24<sup>th</sup> Nov. 2020</p> <p>900,- € grant</p> <p>Conditions by KfW:</p> <ul style="list-style-type: none"> <li>- 11kW AC charging power</li> <li>- Typ2</li> <li>- adjustable</li> <li>- green power</li> <li>- only listed products</li> <li>- minimum 900,-€ total costs</li> </ul> <p>50 Mio. €</p>	<p>Different grants</p> <p>Different condition</p>	<p>6<sup>th</sup> Funding-Call</p> <p>Conditions &amp; grant:</p> <ul style="list-style-type: none"> <li>- AC max. 60% max. 3.000,- €</li> <li>- DC max. 60% max. 12.000,- € (&lt;100kW) max. 30.000,- € ≥ 100kW</li> <li>- Mains connection max. 60% max. 5.000 / 50.000,- €</li> <li>- national charging station regulation</li> <li>- tendering mandatory</li> <li>- min. 6 years</li> </ul> <p>2.500 Mio. €</p>	<p>Different grants</p> <p>Different condition</p>
national	regional	national	regional

Source: BEM

# Job potential – charging station

BEM-study 14th October 2019

<https://www.bem-ev.de/bem-pressemitteilung-bem-prognose-arbeitsmarkt/>

255.000 new jobs only for charging stations & infrastructure

- Installation charging points
- planning / project planning
- maintenance / monitoring
- installation, planning, maintenance, monitoring renewable energy (54GWp)
- installation, planning, maintenance, monitoring storage systems (21GWh)
- expansion of energy networks

Invest: more than 110.000 Mio. €





Federal Ministry  
for Economic Affairs  
and Energy



MITTELSTAND  
**GLOBAL**  
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MADE IN GERMANY

# Thank you for your attention!

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Facilitator

