

thyssenkrupp Steel Europe

Transformation of Steel Production

November 2021

engineering. tomorrow. together.

thyssenkrupp



Who we are: #2 flat steel producer in the heart of Europe

 <p>Crude steel production 11.8 Mt</p>	 <p>Shipment 10 Mt</p>	<p>FY 21/22: ~11.0 Mt</p>	 <p>Revenue ~9 bn €</p>	<p>Track Record > 11 bn €</p>	 <p>Employees ~ 28.000</p>	 <p>Trainees 1.200 p.a.</p>
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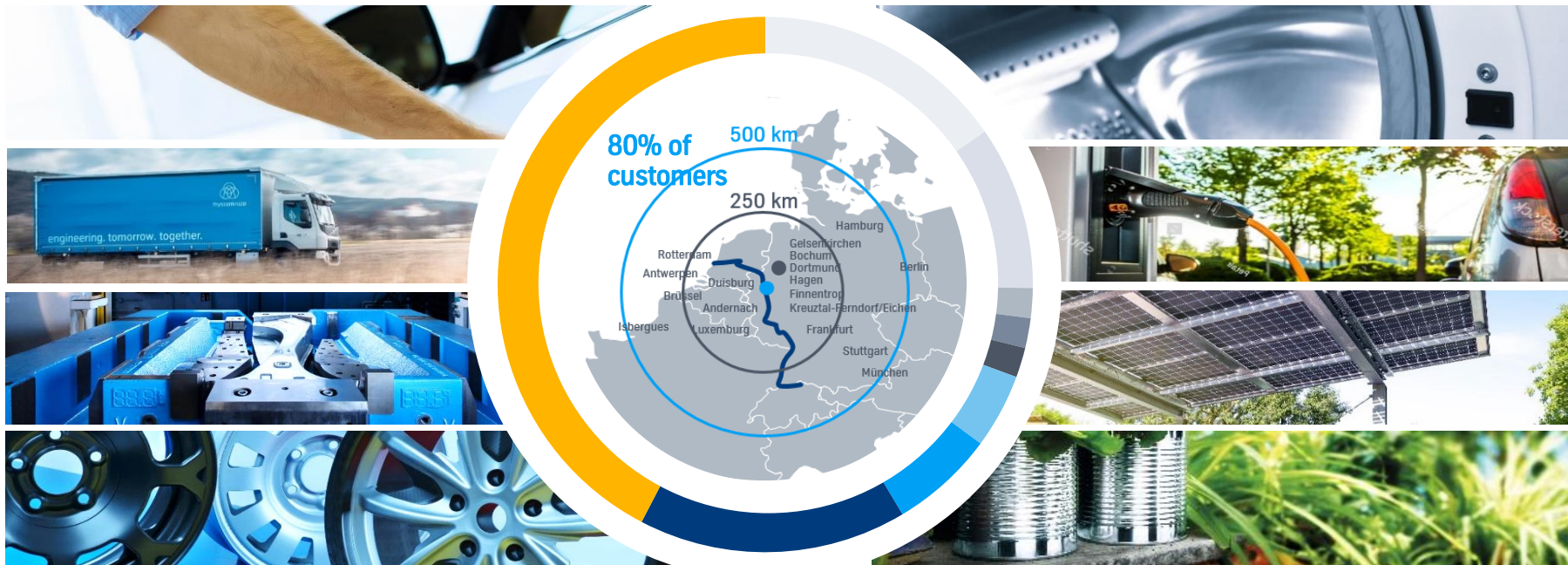
Sales per end-user industry (FY 18/19)

Automotive

Trucks

Supplier

Wheels








White goods etc.

Transformers

Building elements

Packaging Steel

 <p>Transport 200 Mt p.a., e.g. shipment & harbors</p>	 <p>Environmental spent 300 M€ p.a.</p>	 <p>Own railway network 470 km, 90 locomotives & 2,000 wagons</p>	 <p>19 production sites</p>	 <p>10 km² area in Duisburg – one of the largest industry sites in Europe</p>
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- Auto/Trucks
- Building
- Machine/plant engineering
- By-products
- Packaging
- Energy
- Special purpose vehicles
- Others



Paris agreement 2015 and our commitment

195
countries



< 2°
Joint efforts to
limit global warming

2050
KLIMANEUTRAL
CLIMATE NEUTRAL



thyssenkrupp makes its contribution and
will be climate-neutral by 2045

-30% Emissions from our own
production operations and
processes¹

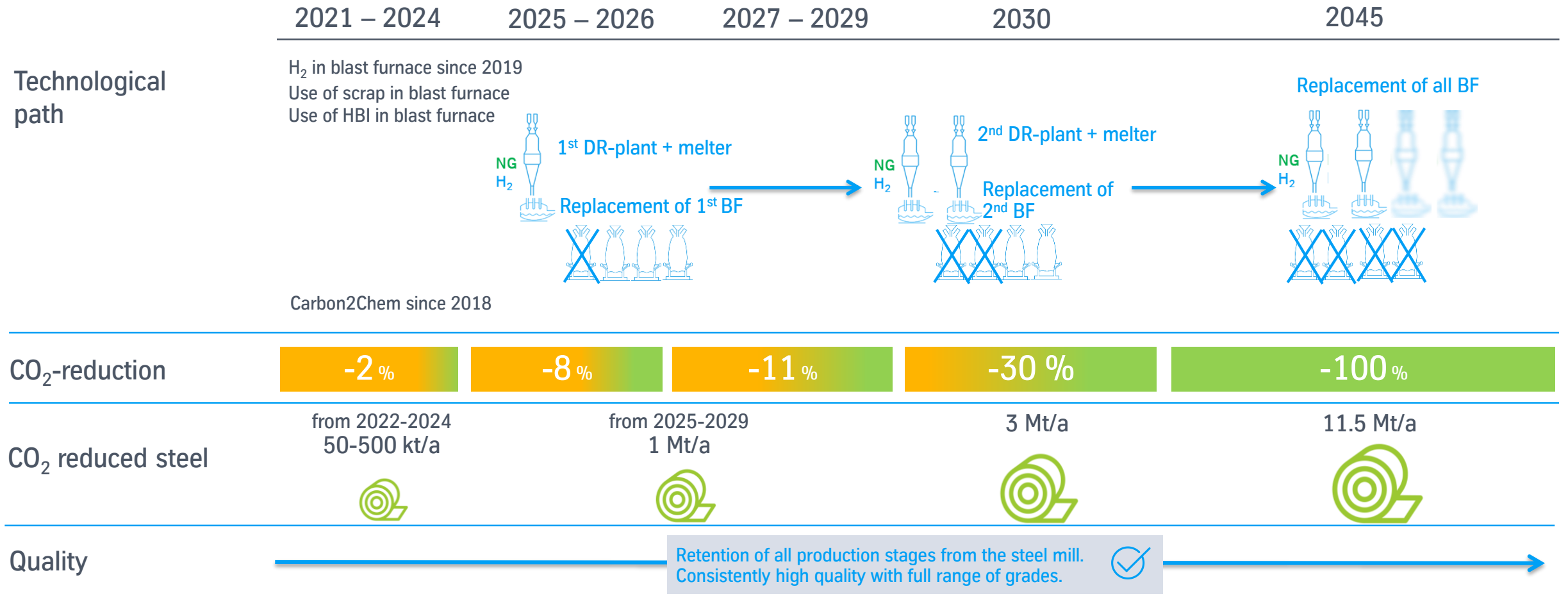
2030 **-30%** Emissions from
energy
procurement²

Climate transformation in Germany and Europe only
together with the steel industry

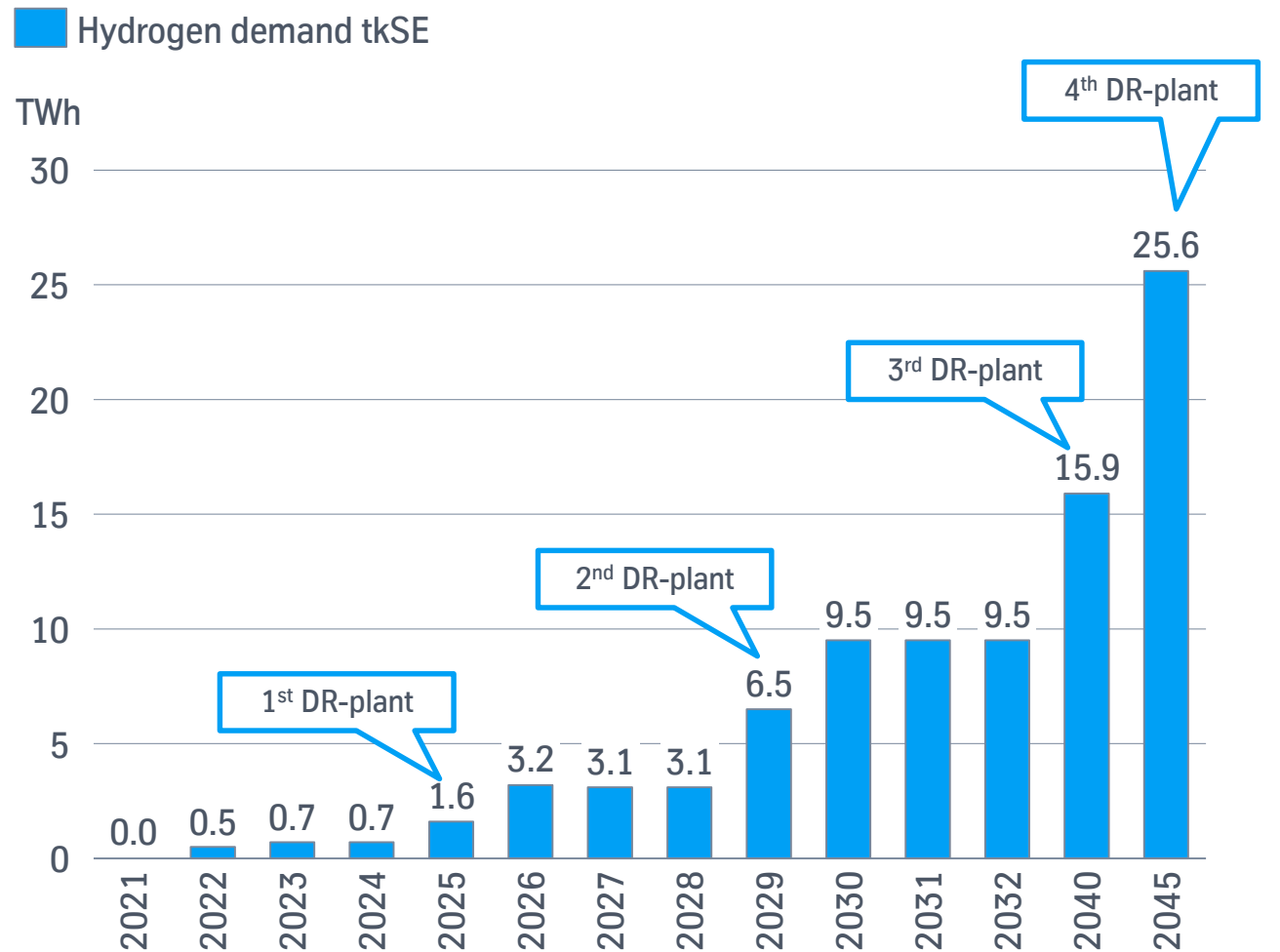
1. Scope 1-Emissions 2. Scope 2-Emissions (base year 2018)



With our concept „tkH₂Steel“ we reach our climate targets and can easily scale



The transformation to climate neutrality requires large amounts of hydrogen



Thank you

for your attention!



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