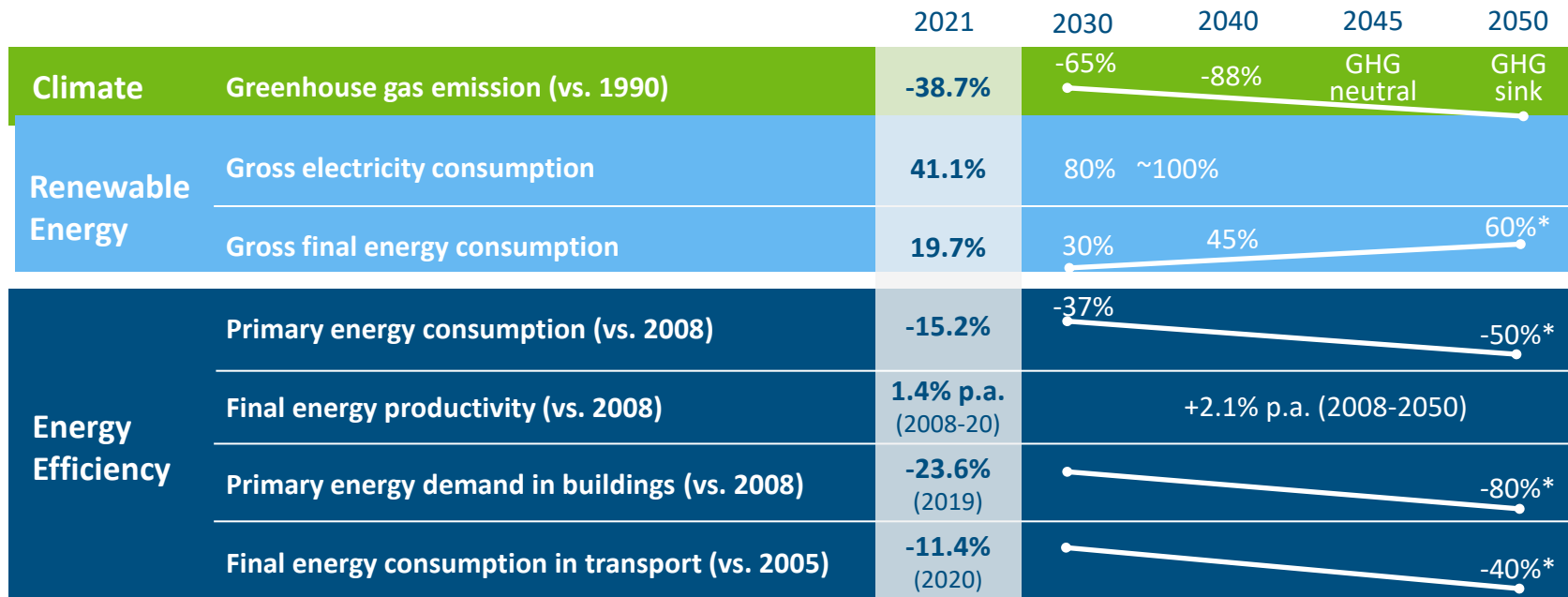


# The German Net Zero and Energy Transition Strategy

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Federal Ministry for Economic Affairs and Climate Action  
Climate and Energy Cooperation with Asia  
22 November 2022

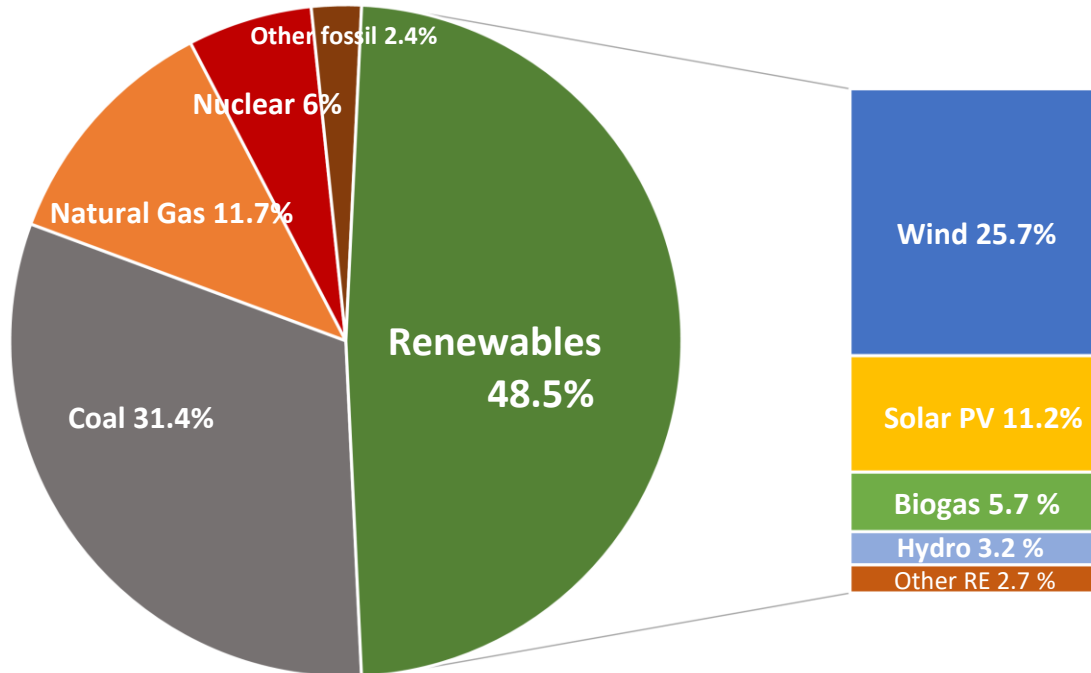
# The Energiewende is Germany's long-term energy and climate strategy



Source: Guidehouse 2022 based on Agora Energiewende 2022, UBA 2022 & BMWK 2021

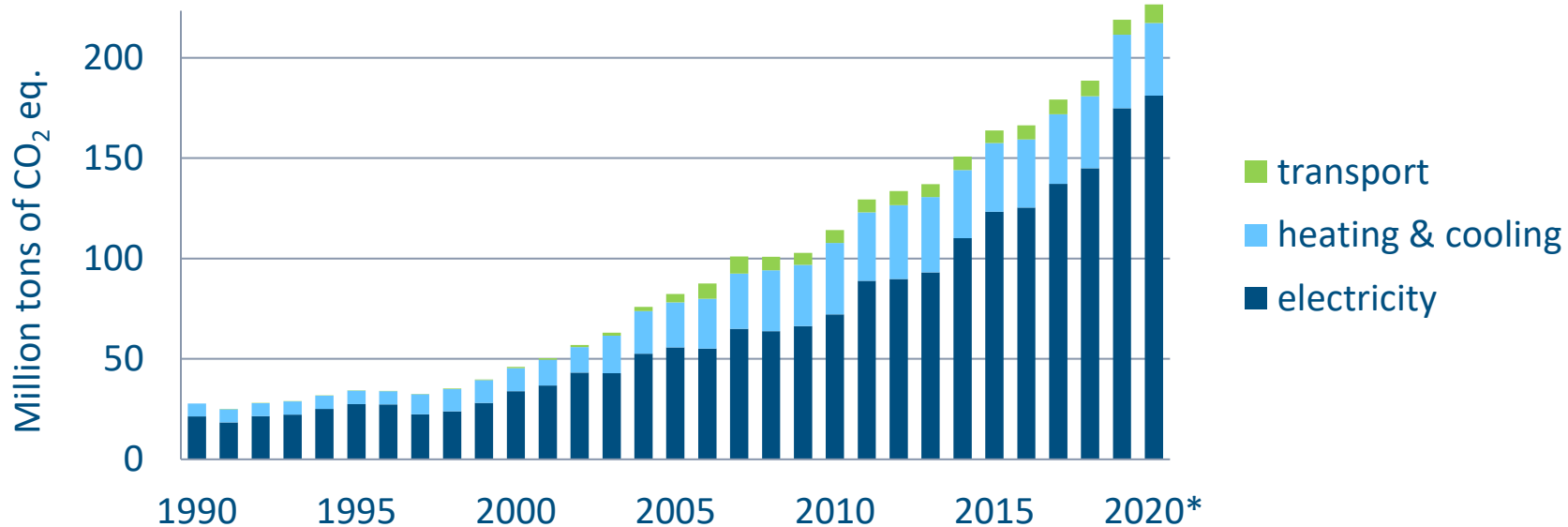
# Renewables reach 49% share in Germany's electricity mix in first half of 2022

Electricity mix Germany – 1. half-year 2022



# In 2020, renewables prevented the emission of 227 million tons of CO<sub>2</sub> in Germany

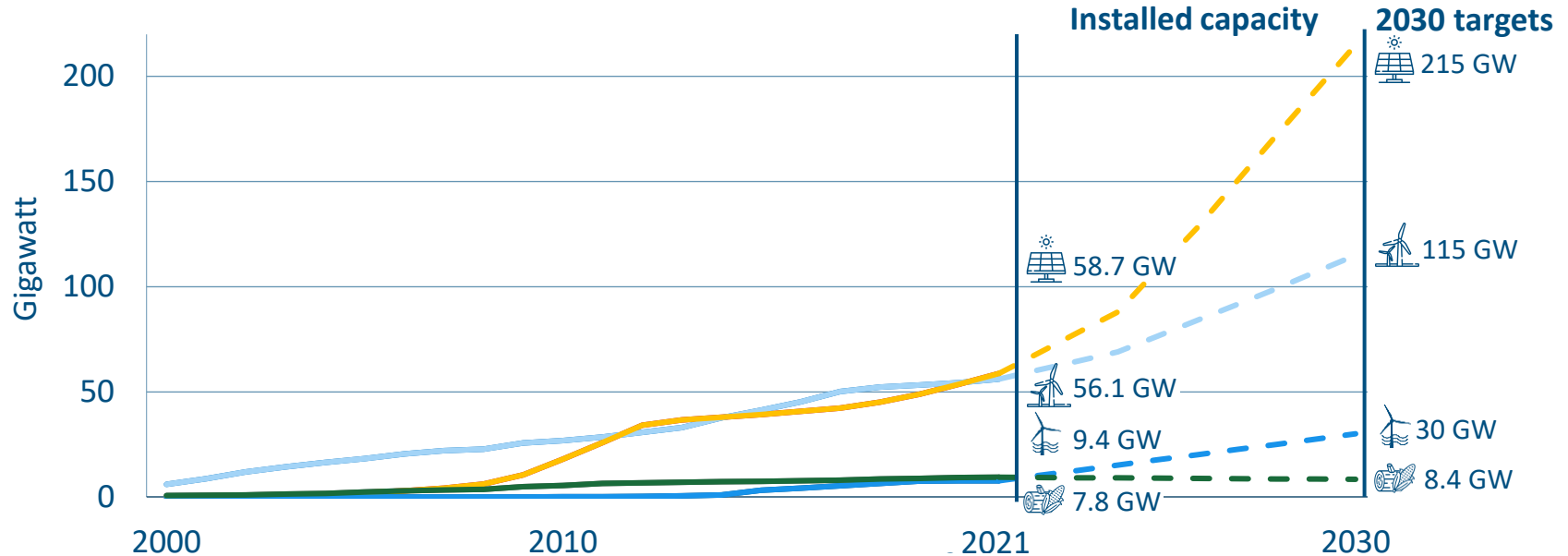
Prevented emissions through use of renewable energy sources in Germany



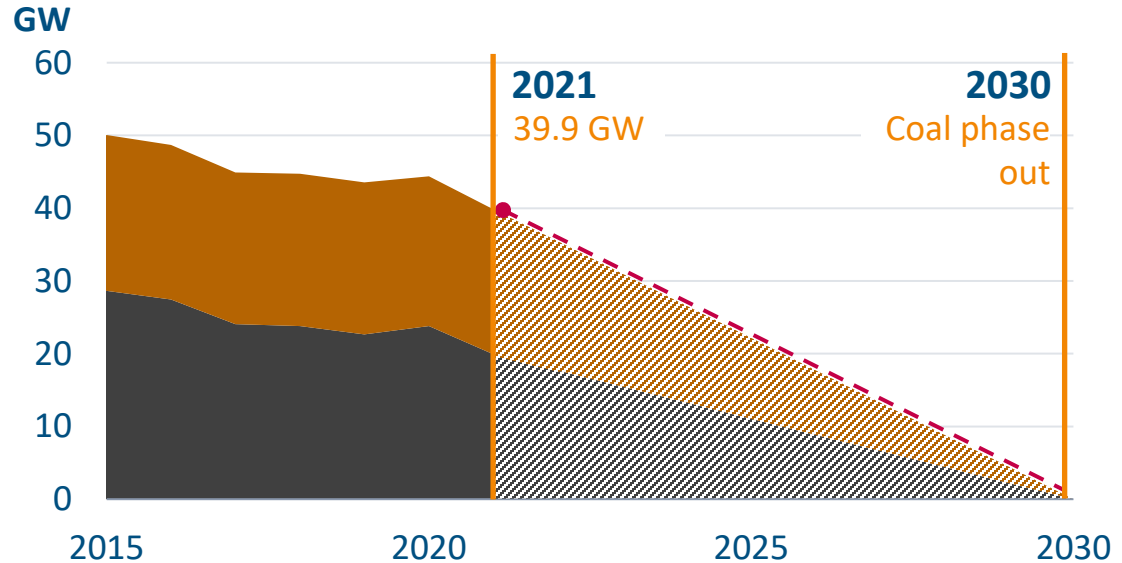
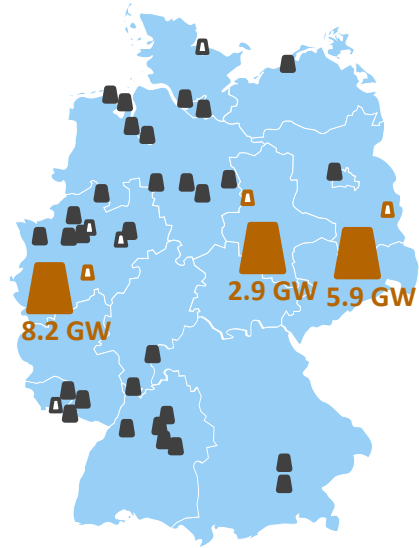
Source: Guidehouse 2021 based on UBA 2021

# Ambitious technology-specific capacity expansion targets make deployment of renewables plannable

Renewable energy installed capacity 2000-2021 and capacity targets for 2030 per technology



# Germany phases out coal ideally by 2030



Net installed capacity



Target for remaining coal capacity



# The energy transition triad combines efficiency, direct use of renewables and sector coupling/H<sub>2</sub>

Efficiency first



Direct use of renewables



Sector coupling/H<sub>2</sub>





Federal Ministry  
for Economic Affairs  
and Climate Action



# Thank you for your attention!

## **Contact details**

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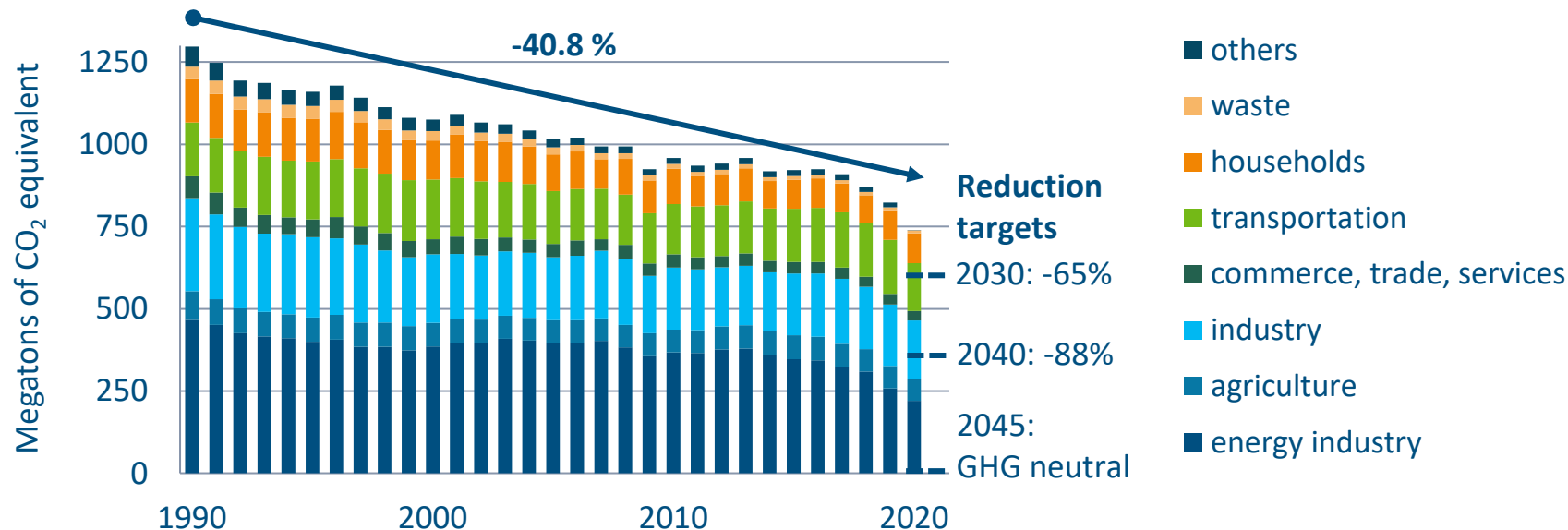
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# Germany has made progress in reducing its emissions, but more action is needed

Greenhouse gas emissions and reduction targets in Germany



Source: Guidehouse 2021 based on UBA 2021 & Agora 2021