



GERMANY'S ELECTRIC FUTURE COAL PHASE-OUT 2035



2015

PARIS
AGREEMENT



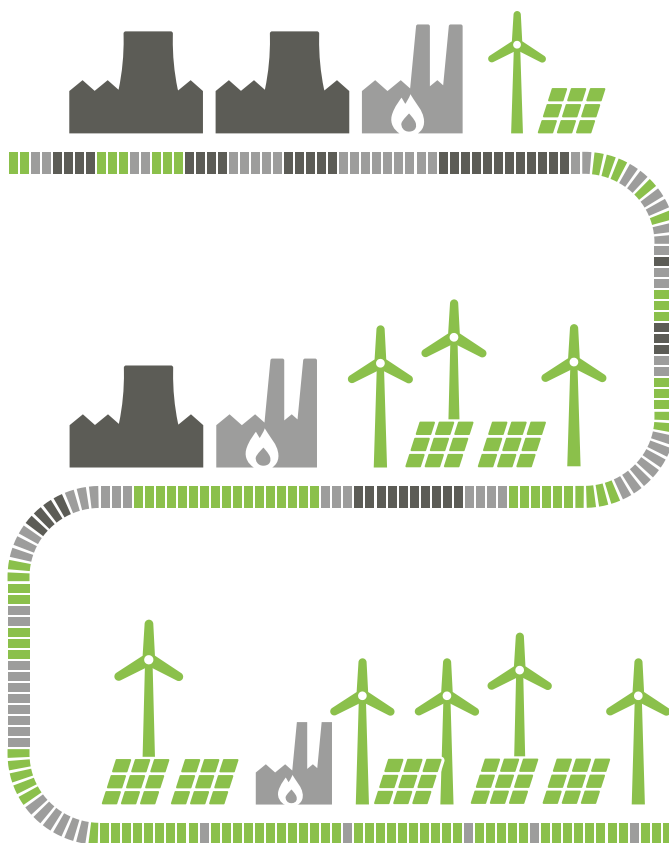
LIMIT GLOBAL WARMING
to well below **2°C**

GLOBAL CO₂ BUDGET
max. **890** Gigatons CO₂



CO₂ BUDGET

GERMANY = **10** Gigatons CO₂ > ELECTRICITY SECTOR = **4** Gigatons CO₂



coal-fired plant

natural gas
fired plant

renewable
energy sources

2015

80% of CO₂-EMISSIONS

in the electricity sector come
from lignite and hard coal plants

→ 280 of 352 Mio. t CO₂

2019

DECOMMISSIONING

of the oldest coal plants starts

→ Maximum operating life for each
plant is 30 years.

→ between 21st and 30th year of
operation yearly emissions
limited to 3,35 t CO₂/kW.

2035



PHASE-OUT COMPLETED

all coal plants decommissioned

THIS REQUIRES:

The accelerated phase-out of coal.
The scaled up deployment of renewable energy sources.