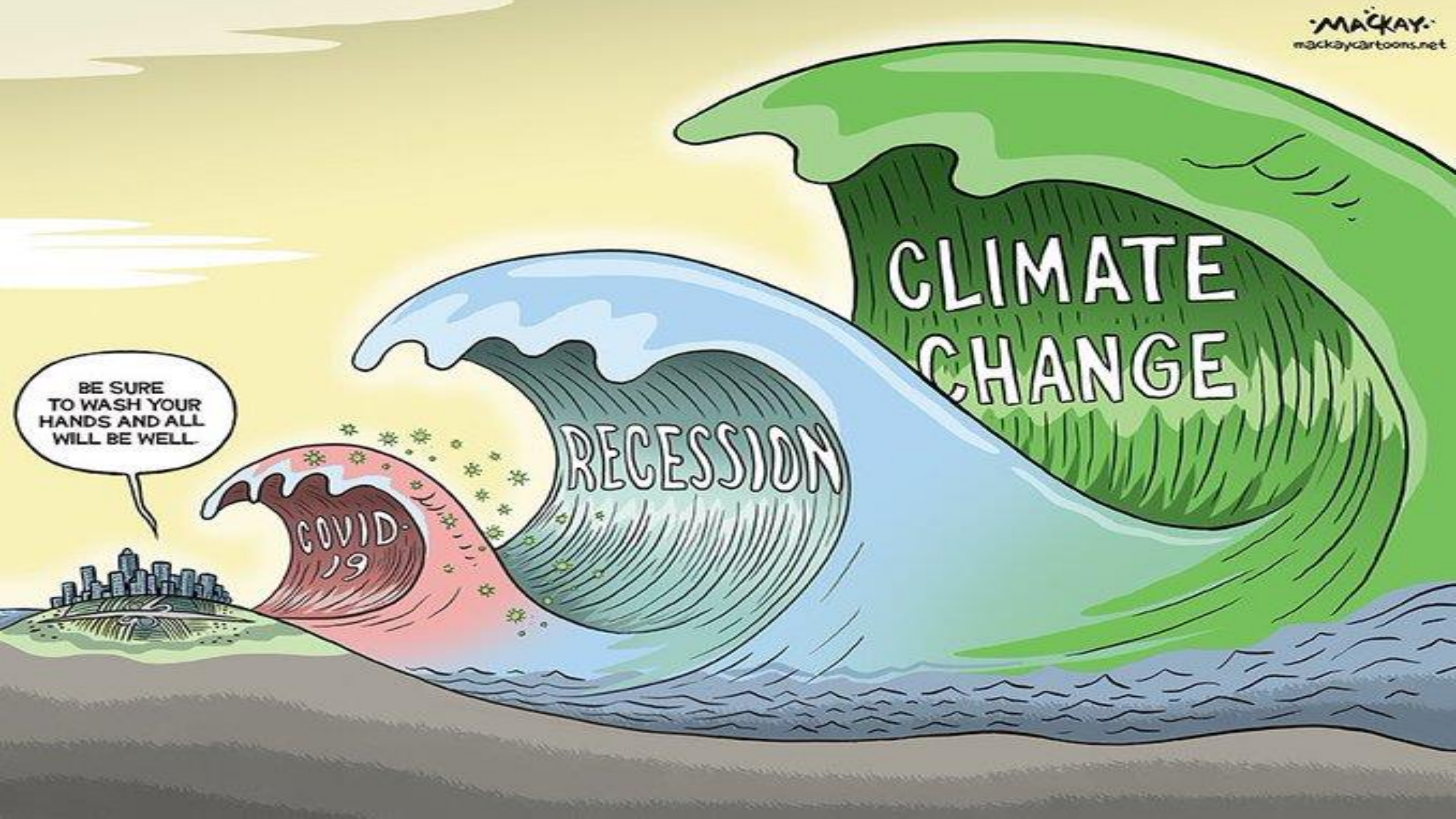




El camino de BASF hacia la neutralidad climática

Iván Albertos

Asamblea SusChem – 6 octubre 2021



BE SURE
TO WASH YOUR
HANDS AND ALL
WILL BE WELL.

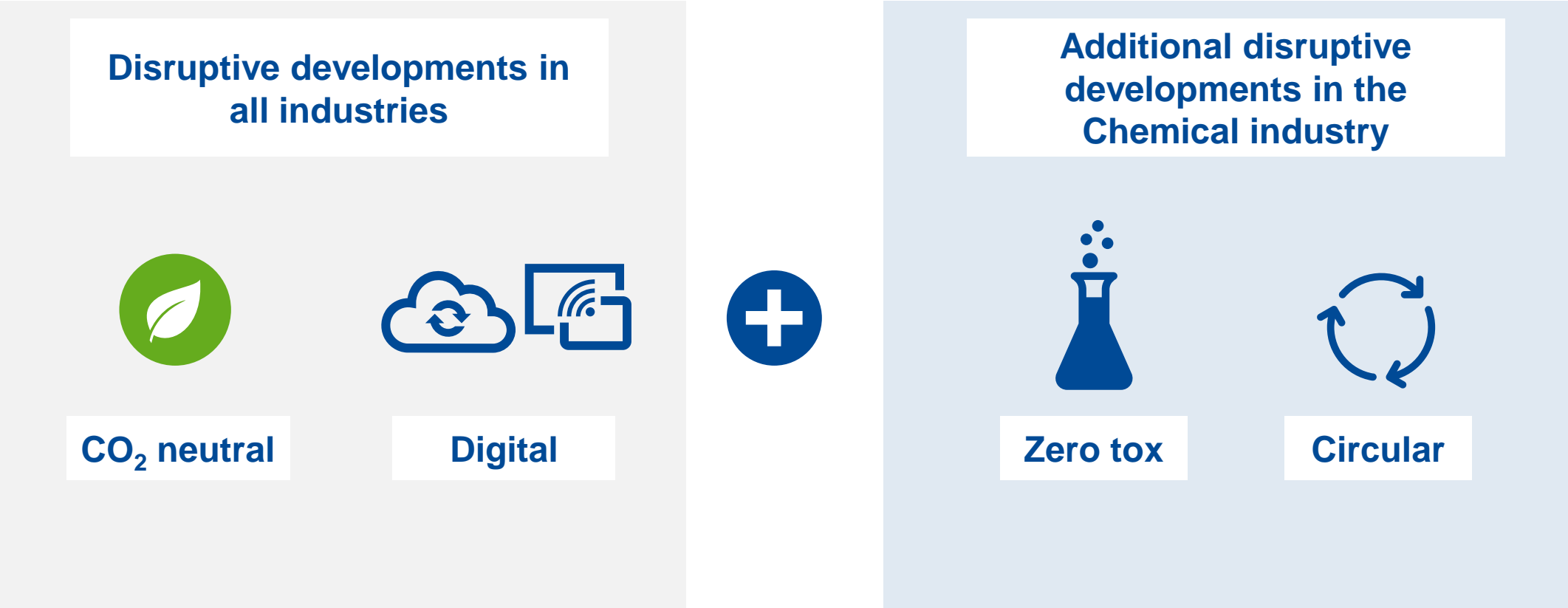
COVID-19

RECESSION

CLIMATE
CHANGE

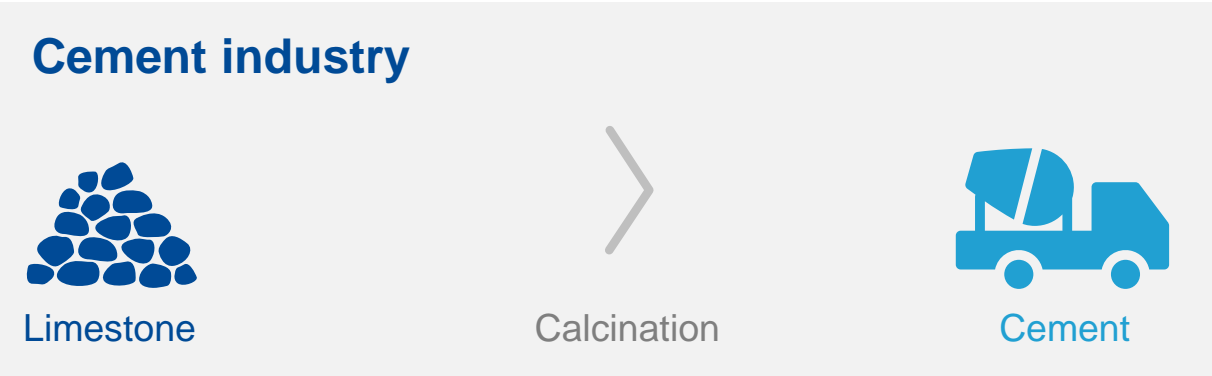
Key transformative challenges

The Chemical industry is facing a quadruple transformation



Chemistry goes beyond the Chemical Industry:

Chemical reactions for material conversion at the beginning of value chains



Treatment of raw material to transform into materials is energy and CO₂ intensive. Mixing, cutting, connecting, welding and screwing of materials is comparatively less energy intensive

BASF: Our commitments to reaching the Paris Climate Agreement

2030

25%
CO₂ emissions
reduction
(compared with 2018)¹

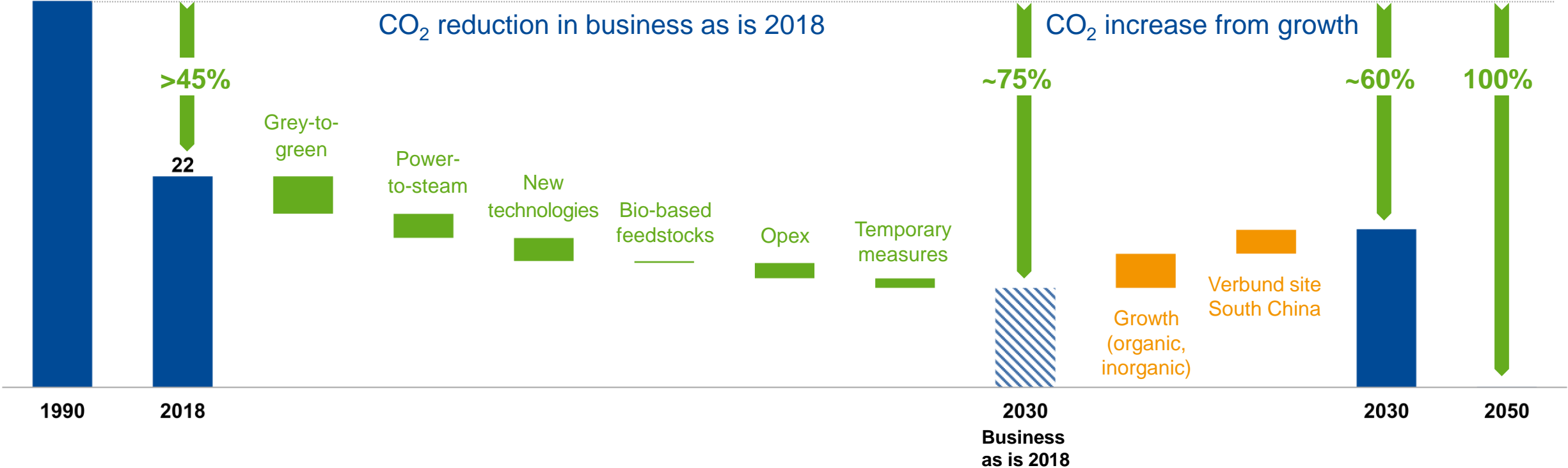
2050

net zero
CO₂ emissions¹

¹ Scope 1 and Scope 2; 2030 target compared with 1990: 60% CO₂ reduction

Our path to reduce BASF emissions from 1990 to 2050:

BASF greenhouse gas emissions (Scope 1 and Scope 2) 1990–2050



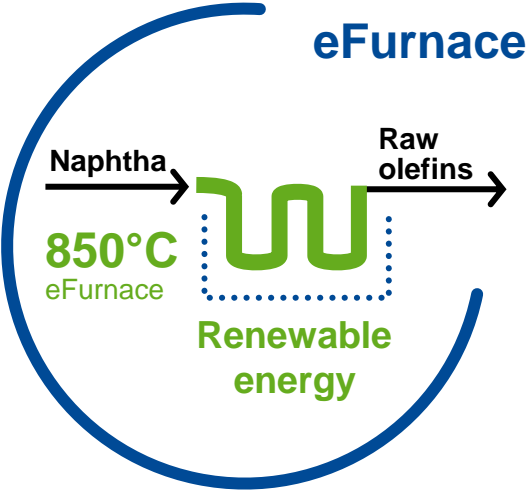
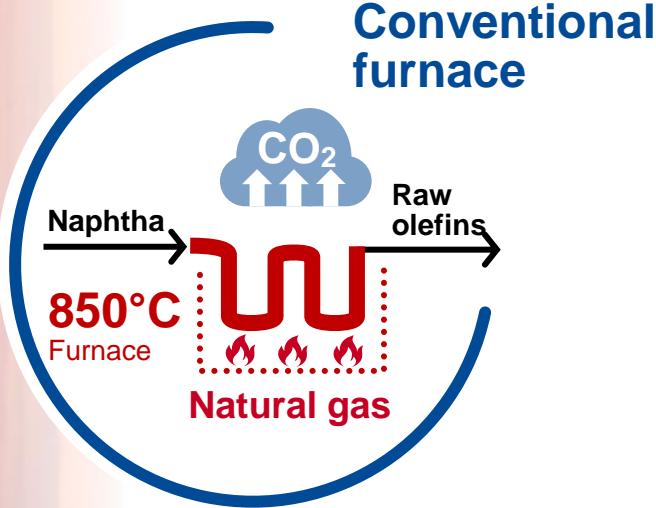
The ultimate lever for CO₂ reduction
is electrification with renewable energy



ALL HATCHES
TO BE KEPT
CLOSED AT ALL


Electrification of Chemical processes:

BASF, SABIC and Linde join forces to realize the world's first electrically heated steam cracker furnace



Product Carbon Footprints create transparency for customers

Digital application to calculate greenhouse gas emissions of 45,000 sales products

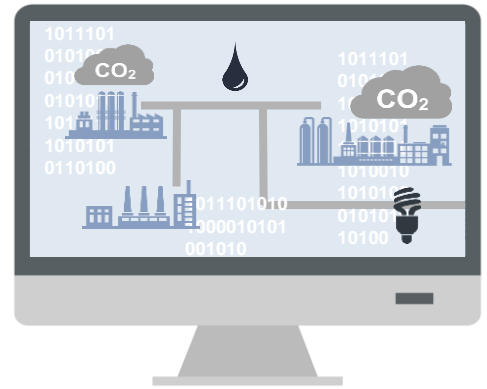


20,000
Raw materials
Scope 3

10 TWh/a
Energy
Scope 2



700
Production plants
Scope 1



CO₂



Product Carbon
Footprints of
~45,000
Sales Products

Cradle-to-gate Product Carbon Footprints for BASF's portfolio available by end of 2021 based on process emissions, energy demand and upstream emissions.

Turning Carbon Management into business opportunities:

Offering our customers choices to reduce their CO₂ footprint





Our purpose:

**We create
chemistry for a
sustainable future**



We create chemistry