



Digitalization
Industrie 4.0

Smart Production
E-Mobility
Smart Energy

Energy Efficiency
Smart Infrastructure
Smart Buildings
Renewables

Willkommen

Die CO₂-Neutralitätsstrategie von Phoenix Contact

Jahresveranstaltung der Initiative
Energieeffizienz- und Klimaschutz-Netzwerke

“

Phoenix Contact ist ein **1923**
gegründetes Unternehmen in
Privatbesitz mit **hoher Wertschöpfungstiefe**
und **unabhängig** in seiner **unternehmerischen**
Entscheidungsfreiheit.

Gemeinsam kontinuierliches Wachstum

Unternehmenszentrale und Competence Center



Headquarters
Blomberg | Germany

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Produktionsstandorte

Deutschland | China | Taiwan |
Indien | Polen | Schweden |
Schweiz | Türkei
Griechenland | USA

100.000



Produkte

20.300



Mitarbeitende Weltweit



75%



Umsatz im Ausland

2,97



Milliarden Umsatz

25%



Umsatz in Deutschland

Group Executive Board:

Frank Stührenberg (CEO)
Axel Wachholz (CFO)
Frank Possel-Dölken (CDO)

Dirk Görlitzer (COO, President BA ICE)
Torsten Janwlecke (COO, President BA DC)
Ulrich Leidecker (COO, President BA IMA)

1923



HEUTE



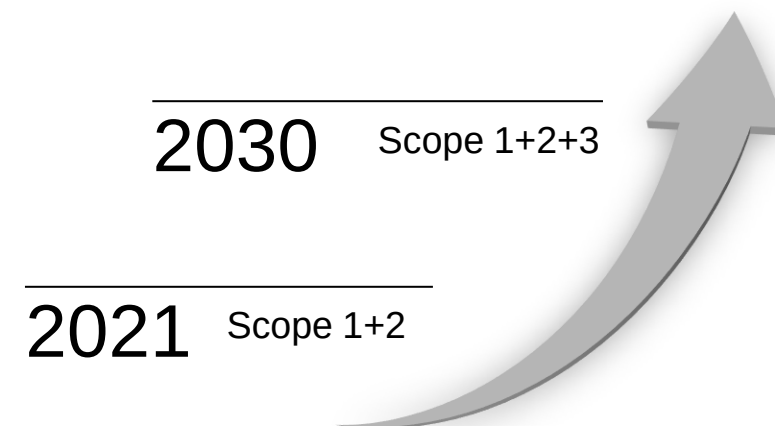
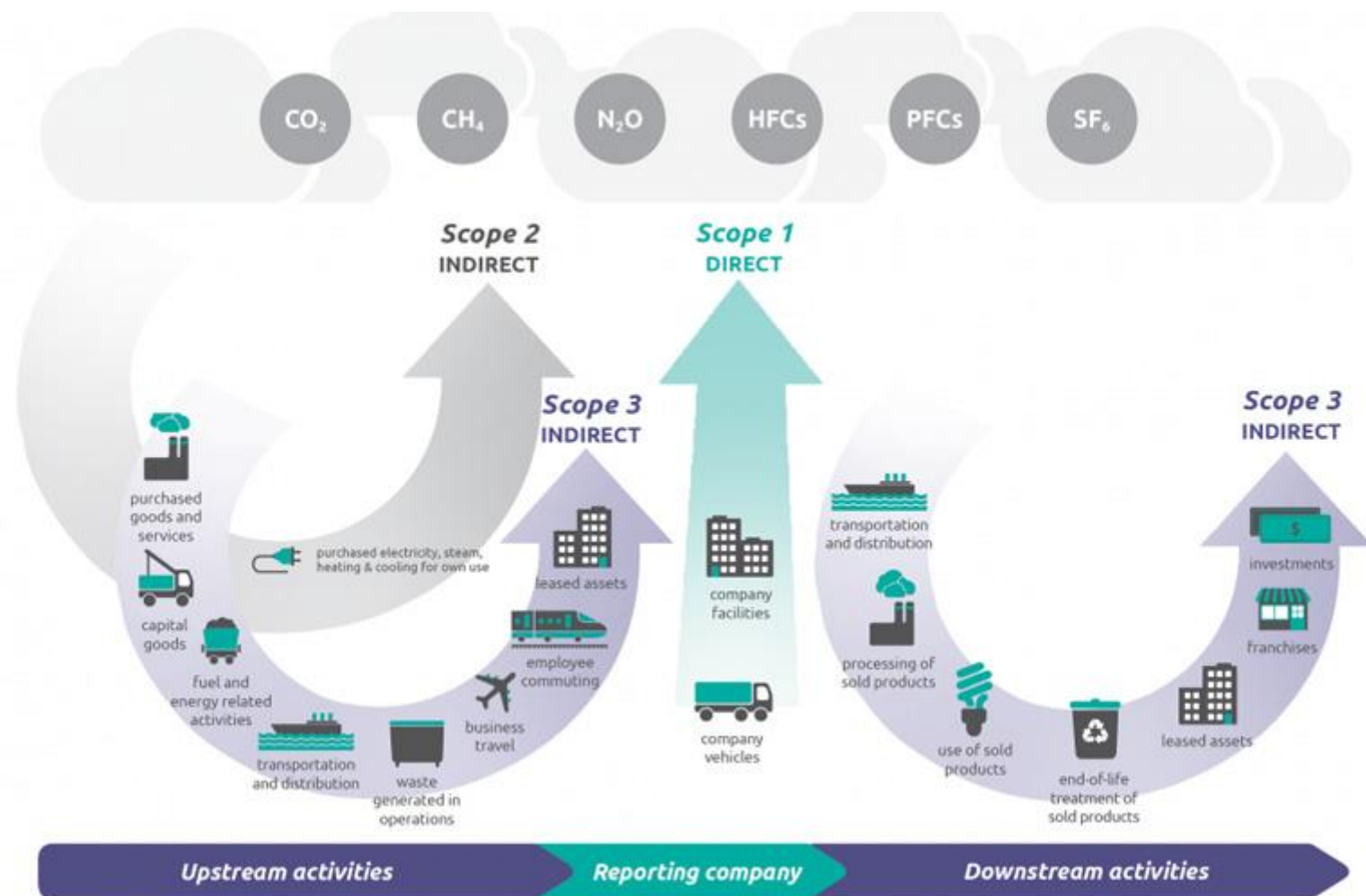
Gründung in Deutschland



In über 100 Ländern vertreten

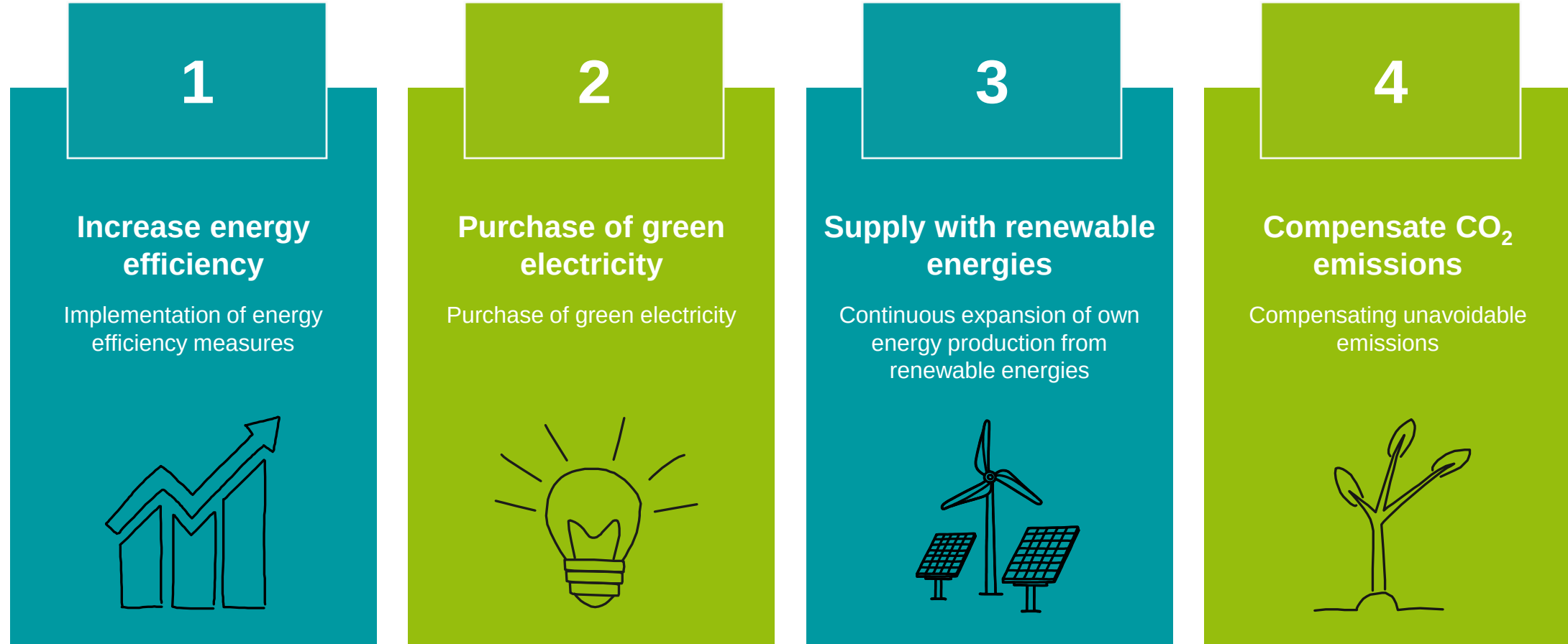
Phoenix Contact way to carbon neutrality

Emission categories (scopes)

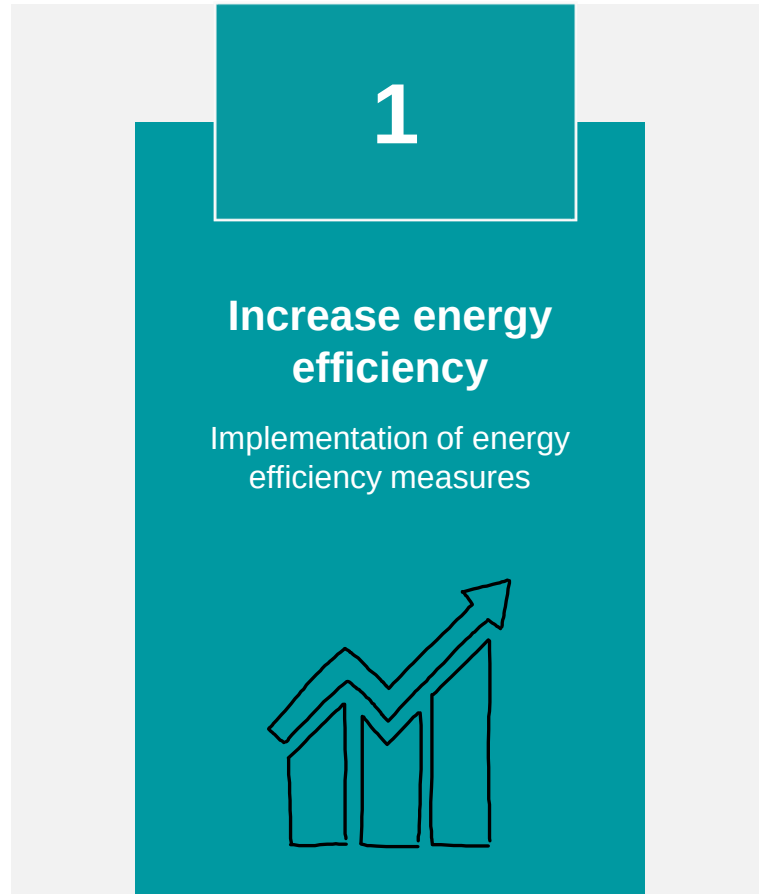


Phoenix Contact way to carbon neutrality

The CO₂ neutrality strategy of Phoenix Contact



The CO₂ neutrality strategy of Phoenix Contact

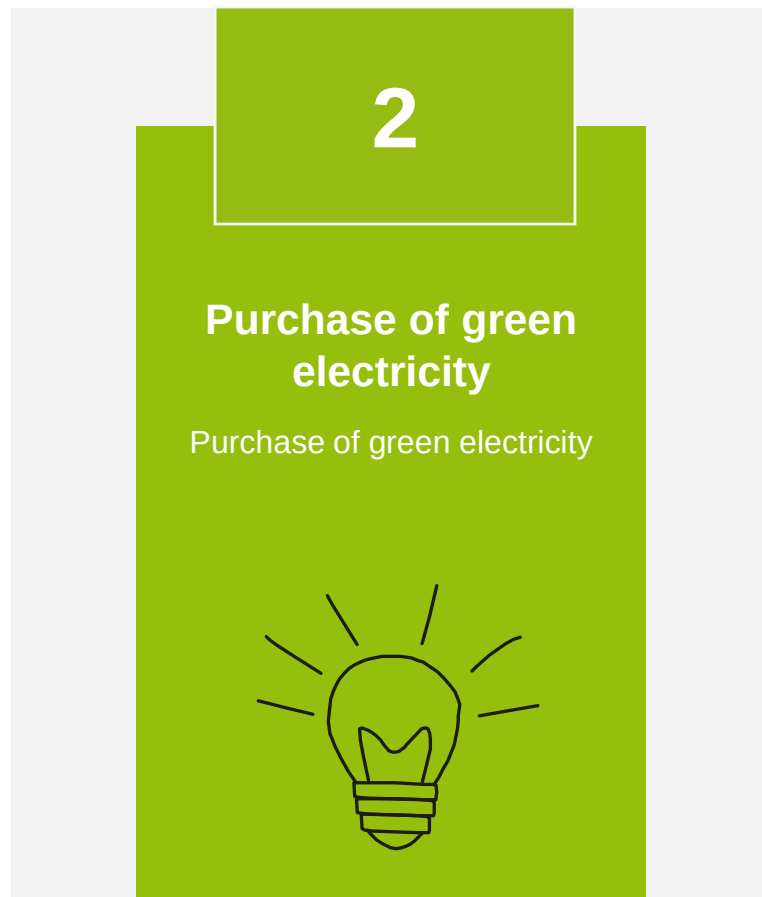


- Continuous implementation of measures to increase the energy efficiency of all Phoenix Contact locations
 - Efficient compressed air generation
 - Efficient cooling
 - Heat pumps instead of fossil fuels
 - Modern production machines
 - ...
- Savings through strategic energy target 2020 in germany (2013-2020): 8 million kWh of electricity or 3,200 t CO₂ per year / 35 Mio. kWh in total

Target: -25 % total energy consumption by 2030

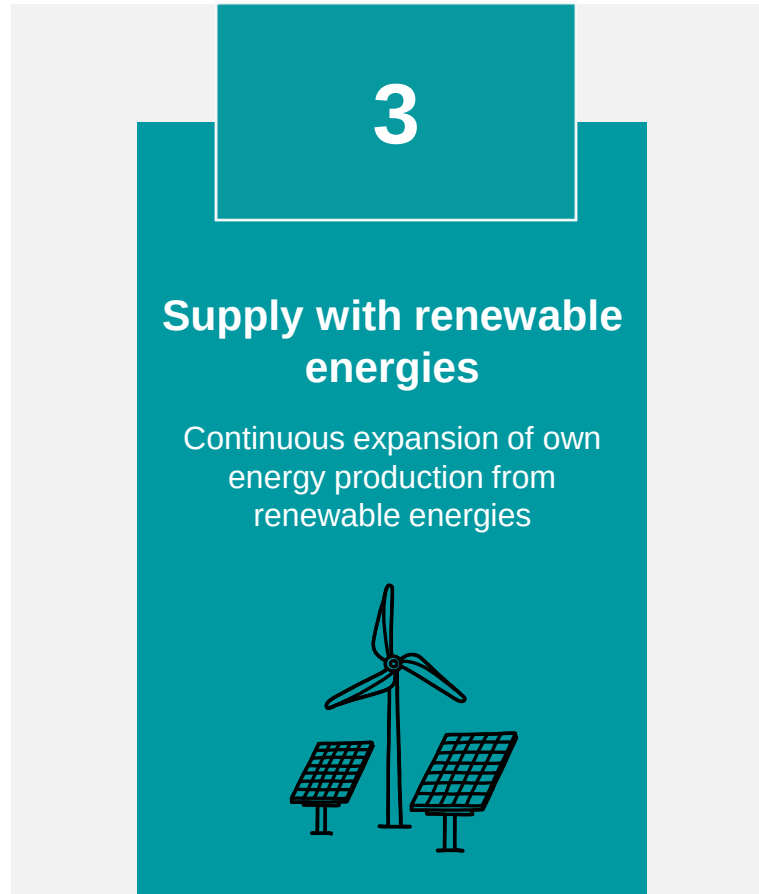
Modify rules for ROI calculation:
Payback period $\leq \frac{1}{2}$ x lifetime of the plant

The CO₂ neutrality strategy of Phoenix Contact



- Purchase of green electricity
 - Germany
 - Purchase of 100% green electricity with sustainable quality labels (OK-Power) for all German sites
 - Exclusive use of green electricity from the European grid and from Germany
 - Conclusion of PPAs (Power Purchase Agreements) with power plant operators (e.g. solar + wind)
 - Worldwide
 - Purchase of 100% regional green electricity with sustainable quality labels (EKOenergy / Green-e) for all locations

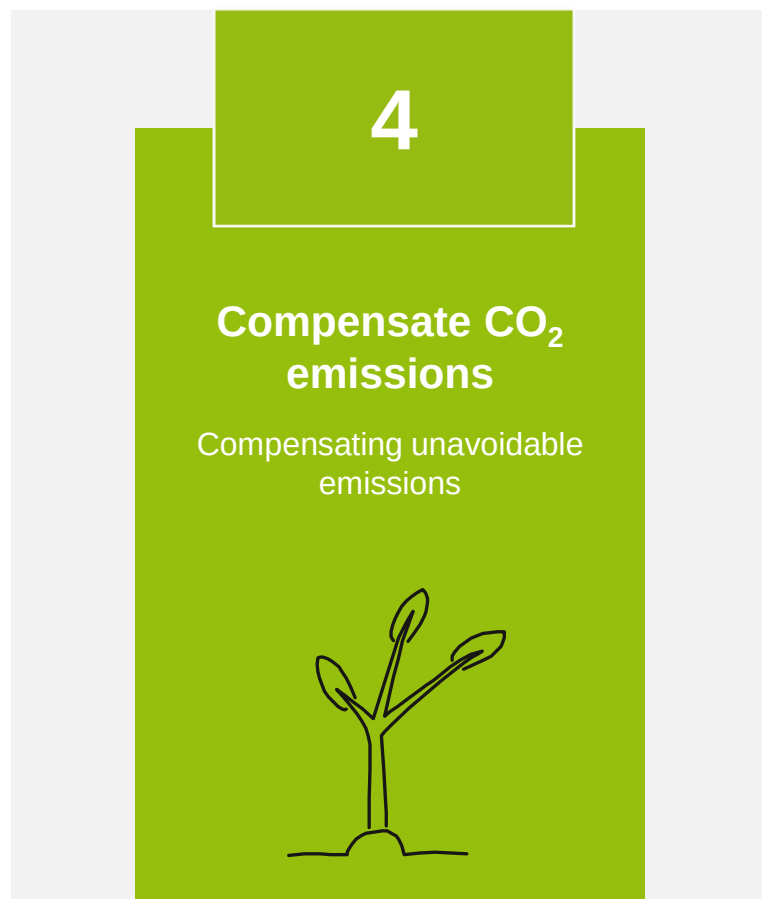
The CO₂ neutrality strategy of Phoenix Contact



- Consistent expansion of renewable energies worldwide
 - Solar and wind power plants for electricity generation, possibly geothermal energy for electricity generation
 - Heat pumps (powered by green electricity), geothermal energy and solar thermal energy for heat generation
 - Sector coupling (power-to-X)
- Target: Maximum expansion of renewable energies depending on the possibility of the individual locations by 2030
 - Electricity: At least ≈ 2 MW installed capacity per year
 - More than 30 % of electricity consumption shall be covered by own renewable energies

Phoenix Contact way to carbon neutrality

The CO₂ neutrality strategy of Phoenix Contact



- Compensation of CO₂ emissions that cannot be avoided with pillars 1-3 by investing in climate protection projects (certificates)
 - Natural gas / fuels / heating oil / etc.
- Used certificate standards
 - Verified Carbon Standard (VCS)
 - Gold Standard
- Highest quality certificate: Gold Standard (strict requirements regarding certification)
- Selection of only technology-based projects (to support Phoenix Contact products for wind & solar)
- Target: Less than 10% compensation in 2030



Thank you

Stefan Gottschalk, M.Sc.

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