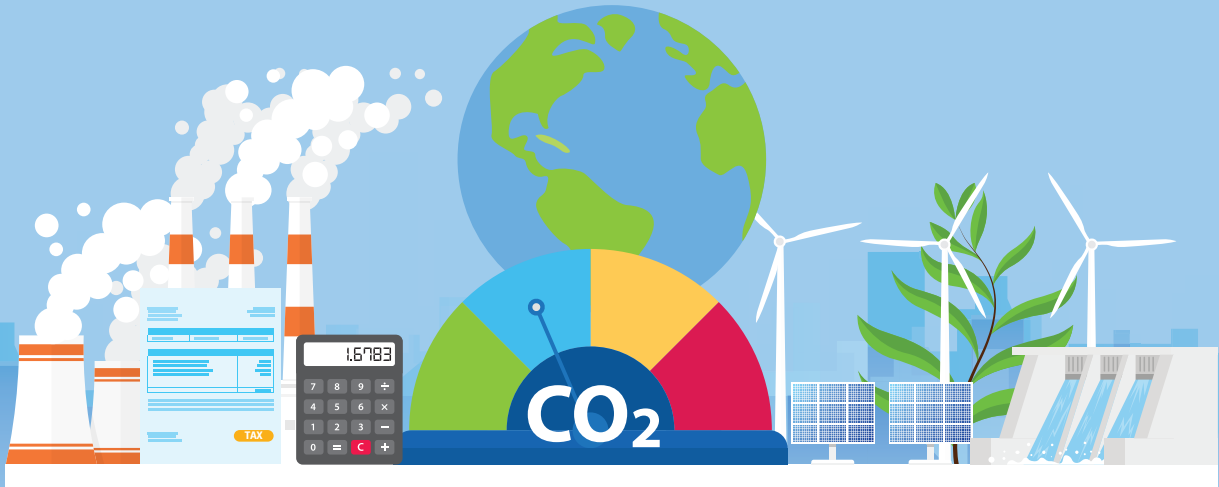


CARBON MANAGEMENT

3 Reasons Why Carbon Management Is Important to You

- Mitigates against and enables adaptation to climate change
- Supports environmental protection
- Enhances corporate sustainability

Achieving Industry Decarbonization: Your Journey in 3 Phases



There are 3 phases involved in managing your carbon footprint

TÜV SÜD helps organizations meet decarbonization and sustainability goals, providing verification and validation against regulatory requirements.

Phase 1 | Accounting

Certification of Green Energy

- Guarantee of origin
- Renewable energy generation
 - Gen. EE: electricity from renewables
 - Gen. EE new: electricity from new build assets
 - Electricity from renewable Biomass (SURE)
 - Further products (gen. UE from CHP)
- Renewable fuels (non-biological origin)
- Renewable chemistry
- Sustainable biogas (e.g. green CH₄)
- Sustainable biofuels

Verification of Carbon Footprint EU Emission Trading System (ETS)



Verification of F-gas Reports

Certification of Hydrogen

- Green hydrogen (ISCC, CMS70)
- Low-carbon sources (CertifHy)

Balancing Renewable Energies:

Certification of Accounting Systems for Energy from Renewable Sources

Renewable Energy Products:

Certification of renewable energy products (EE01, EE02)

Qualified Electricity Disclosure

(electricity declaration)

Green production (veriX suite)

Phase 2 | Reducing

Energy efficiency audits

- Energy management certification
- Energy audits
- Lighting
- Green buildings



Phase 3 | Compensating

Climate neutrality of a product or company

Validation/ Verification/ Certification of climate protection projects (e.g. CCS, Gold Standard, VCS)

Green Finance/Projects + EU Taxonomy

Additional services that complement the current structure



Water
Desalination and Treatment



Recyclability of Packaging



Sustainable Supply Chain



Battery Passport:
Testing and Production



Lifecycle Assessment



Find out more about TÜV SÜD's carbon management solutions.

www.tuvsud.com/en/themes/corporate-sustainability/carbon-management