



Navigating ESG Complexity: TÜV Rheinland's Comprehensive Sustainability Solutions

Unleashing new opportunities, turning theory into concrete actions and helping decision-makers make internal transformation that has external value - our team of specialists helps with every step of ESG transformation.



Environment—Climate Change and Energy

1) For Organization

- Organizational Carbon Emission - ISO 14064-1 / GHG Protocol
- TÜV Rheinland Carbon Star (TÜV Rheinland Digital Carbon Management Platform)
- Zero Carbon Factory Certification
- Zero Carbon Logistics Hub Certification
- Zero Carbon Building / Industrial Park Certification
- Carbon Peak / Neutrality Strategy Consultancy
- Higg FEM
- amfori BEPI Environmental Monitoring
- IPE GCA
- Clean Electronics Production Network Toward Zero Exposure (CEPN TZE) Program

2) For Products & Projects

- Product Carbon Footprint - ISO 14067
- Product LCA - ISO 14040 / ISO 14044
- EU Battery Regulations Comprehensive Solution
- Environmental Product Declaration (EPD)
- Product Environmental Footprint (PEF)
- CBAM
- ISCC EU / PLUS Certification
- Transport Chain Operation Carbon Qualification and Reporting - ISO 14083
- Carbon Digital Platform Verification
- TÜV Rheinland Green Product Mark
- Great Bay Area Product Carbon Footprint Mark
- Electronic Product Environmental Assessment Tool (EPEAT)
- Verified Carbon Standard (VCS)
- ZDHC MRSL Level 1-3 Certification
- New Zealand Eco Choice Aotearoa (ECA) Audit
- European Union Regulation on Deforestation-free Products (EUDR)

3) Disclosure & Communication

- SBTi
- CDP
- Carbon Neutrality Certification - PAS 2060 / ISO 14068-1

4) Energy

- RE100 Verification
- Renewable Electricity Comprehensive Solution
- Energy Audit
- Energy Efficiency Optimization



Environment—Circular Economy

1) Circular Materials

- TE (GRS / CCS / RCS)
- GOTS
- PCR / PIR - ISO 14021 / EN 15343
- Ocean Bound Plastics Verification (OBP)
- Plastic Products Easy to Recycle and Easy to Regenerate (Double E) Certification
- Material Traceability Platform Technical Solution
- Plastic Credits Verification
- Metal Recycling Verification
- Green Recycled Plastics Certification

2) Water

- AWS
- ISO 14046 Water Footprint
- Effluent Treatment Plant (ETP) Evaluation

3) Waste

- TÜV Rheinland Zero Waste to Landfill Certification
- TÜV Rheinland Digital Waste Management Platform
- Waste Management Audit

4) Other Services

- TÜV Rheinland Chemical Management Technical Solution
- VOCs Evaluation
- Photovoltaic (PV) Modules through the Life Cycle - Environmental Health and Safety (EH&S) Risk Assessment - IEC / TS 62994



Social

- SA8000
- amfori BSCI
- SMETA
- Responsible Business Alliance (RBA)
- Social & Labor Convergence Project (SLCP)
- Worldwide Responsible Accredited Production (WRAP)
- Pharmaceutical Supply Chain Initiative (PSCI)
- Aluminum Stewardship Initiative (ASI)
- Responsible Supply Chain Initiative (RSCI)
- Ethical Supply Chain Program (ESCP)
- TÜV Rheinland Supplier Sustainability Performance Assessment (SSPA)



Governance

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|-------------|-------------|--------------|-------------------------|
| • EcoVadis | • ISO 37001 | • ISO 46001 | • ISO / IEC 27701 |
| • ISO 26000 | • ISO 9001 | • IATF 16949 | • ISO 27017 / ISO 27018 |
| • ISO 20400 | • ISO 14001 | • VDA 6.X | • ISO 22301 |
| • ISO 28001 | • ISO 45001 | • ISO 27001 | • QC080000 |
| • ISO 37301 | • ISO 50001 | • ISO 20000 | • ISO 59020 |