



TCC Climate Action Highlights

● International Rankings ▲ Initiatives & Recognition ★ Low-carbon Products/Energy Services

2023

- ★ TCC announced its partnership with the Turkish OYAK Group to expand investment in the low-carbon cement markets in Europe, Asia, and Africa, with a plan to increase its stake in OYAK CEMENT from 40% to 60% and that in Portuguese Cimpor from 40% to 100%
- ★ TCC launched Taiwan's largest 100-MW E-dReg energy storage system in Hualien, as the No.1 by the market share in the energy trading platform, generating an estimated revenue of NT\$1 billion per year, with a total trading capacity across ETP of Taipower, project sites, and aggregated energy trading management services of 169.2 MW
- ★ TCC launched the Total Climate series of low-carbon building materials
- ★ TCC showcased the patented fire-proof and fire-extinguishing EnergyArk UHPC Energy Storage Cabinet at Energy Taiwan and Net-Zero Taiwan
- ★ Published the "Green Financing Framework", with the Second-party Opinion (SPO) from Sustainalytics, an international ESG ratings agency, verifying the alignment with green standards; completed a US\$420 million international fundraising for green ECB on October 18th
- ★ The European ATLANTE S.R.L (ATLANTE), under TCC subsidiary NHOA, qualified for the EU's transport infrastructure funding program and received the grant of an estimated amount of €49.9 million from the EU's CEF Fund in 2023
- ★ Energy Helper TCC Corporation, a subsidiary of TCC, assisted Decathlon's five suppliers in the APPA, helping the SMEs on their way to RE100
- ★ The Yingde Plant of TCC inaugurated the largest 43.2-MW/107.3MWh energy storage system in the cement industry of Mainland China, realizing energy transition through solar energy and energy storage
- ★ Taiwan Transport & Storage Corp. introduced the first electric heavy-duty truck into Taiwan to support IKEA to kick off its zero-carbon green logistics and establish support services of charging station
- ▲ Golden Award, Profit-seeking Enterprise Category, Taiwan Biodiversity Awards, 2023TCSA
- Top 10% in the 2023 S&P Sustainability Yearbook

2025

- ▲ The Ministry of Environment has established the Green Growth Alliance, inviting businesses and relevant ministries to participate in voluntary greenhouse gas reduction programs. TCC was the only representative cement company to be invited in the first wave of the alliance and will work together with the government to achieve the nation's new carbon reduction goals.
- ★ TCC Guigang Plant encourages suppliers to participate in electrification through offering priority delivery rights, achieving 87% annual carbon reduction per vehicle compared to fuel-powered vehicles
- ★ TCC's Dutch subsidiary completed the signing of a five-year, 500-million-euro Green Loan with a syndicate of banks, with all funds to be invested in projects that meet international green finance standards
- ▲ The cement produced by CIMPOR Alhandra Plant has received hydraulic binder certification from AFNOR

2024

- ★ TCC Group's Energy Storage Business Unit manages 35 energy storage sites globally with a total installed capacity of 1,030.63MWh
- ★ According to UNEP statistics, TCC contributed to a reduction of 1.16 million tons of carbon emissions in the global construction industry in 2024
- ★ TCC's renewable energy, energy storage, and high-power battery products have helped reduce global carbon emissions by 217,000 tons
- ▲ TCC's Heping Industrial Port in Hualien received the Excellence Award at the 9th National Environmental Education Awards
- ▲ TCC's Suao Plant received the Excellence in Corporate Air Pollution Response Action Award from the Ministry of Environment
- ★ TCC's subsidiary signed an €800 million unsecured sustainability-linked syndicated loan, which was oversubscribed by 1.5 times, demonstrating TCC's determination in carbon reduction and low-carbon transformation
- ▲ Molice's Kaohsiung Molie Quantum Energy factory received dual Gold certifications for green building standards from U.S. LEED and Taiwan's EEWH.
- ▲ TCC received the Low-carbon Recycled Materials Certification from the Ministry of the Interior.
- ▲ Joined the Science Based Targets initiative (SBTi) as a member, committing to collective efforts toward carbon reduction
- ★ Completed the closing procedures for expanded investment in European low-carbon cement, officially establishing the Company as one of the major suppliers of low-carbon cement in the European market
- ★ Attracting climate action talents, deploying AI virtual spokespersons, expanding generative AI teams to support technology integration across 11 industries in 13 countries
- ★ Partnering with German tkPOL to develop next-generation pure oxygen carbon capture technology, targeting annual CO2 capture of 100,000 tons by 2030
- ★ TCC's fire-resistant EnergyArk energy storage cabinet passed the most stringent international UL 9540 safety test and was showcased at CES in the United States
- ▲ Became one of the first companies to adopt the TNFD (Taskforce on Nature-related Financial Disclosures) in the world, and the only large construction materials supplier invited to participate from Taiwan