

Our Sectors & Services

TCE serves critical sectors of the economy through integrated engineering, project delivery, sustainability and digital capabilities. Together, these strengths enable clients to create reliable, sustainable and intelligent assets that support growth, resilience and long term performance.



Power

- Thermal
- Nuclear
- Hydroelectric
- Renewable
- Transmission & Distribution



Infrastructure

- Water
- Built Environment
- Transportation
- Sustainable Infrastructure



Mining & Metallurgy

- Ferrous Metals
- Non-Ferrous Metals
- Mineral Beneficiation



Hydrocarbons & Chemicals

- Green & Sustainable Chemicals
- Chemicals & Speciality Chemicals
- Refineries & Petrochemicals
- Agrochemicals & Fertilisers



Advanced Facilities

- Power Systems
- Green Technologies
- Advanced Manufacturing
- Materials and Metals
- Strategic & Defence Facilities

Design & Engineering

Project Concept Development, Pre-feasibility & Feasibility, Reports Detailed Project Reports, Environmental Study Reports, System Studies, Frontend Engineering Design (FEED), OE Services, Detailed Engineering

Sustainability and Energy Transition Solutions

Clean and Renewable Energy, Green Infrastructure, Green Fuels and Chemicals, Energy Transition Technologies

Digital & Advanced Technologies

Unified 3D Engineering, 4D, 5D Simulation, Building Information Management, Asset Digitisation & Asset Information Management, Industry 4.0 & Asset Performance Management, Product Engineering - Design and Analysis, Turnkey Machine Development, Advanced Facilities

Project Management & Safety

Construction Management/Supervision, Program Management, Engineering & Constructability Review, Quality & Safety Audits, Outage & Turnaround Management (CAPEX Services), Procurement Management Services, Inspection Services

Architecture & Planning

Architecture Design, Interior Design, Feasibility Study, Master Planning, Landscape Design, Tender Package, River Front Development, Concept Development, Smart City Development

Project and Construction Resource Solutions (Only in US)

Technical Resourcing, Managed Services, On-Site Resourcing