



SUSTAINABLE BUILDING PROJECT MANAGER – SHANGHAI

Our Company

TERAO is an international engineering company committed for over 30 years to the energy efficiency and environmental impact of buildings and cities. Today, we are specialized in a comprehensive and multidisciplinary approach to the building industry, namely :

- As a Sustainable Development PMO on a Building scale or an Urban Planning scale, TERAO provides a wide range of expertise in consultancy and engineering for buildings and sustainable cities.
- As Environmental Engineering PMO and Sustainable Operations Manager, TERAO supports the stakeholders in design and operations to integrate high environmental quality and energy efficiency measures into private market projects, as per Public Procurement Contracts, and throughout the life cycle of buildings.

Since 2022, ATIXIS (a technical and multidisciplinary engineering firm) is the majority shareholder of TERAO, to provide complementary expertise. A development synergy is created between TERAO's China, Vietnam, Singapore, Malaysia, Morocco and Colombia subsidiaries.

Job Responsibility :

Overseeing a portfolio of Projects for low carbon buildings, energy retrofits and specific research studies missions related to either existing assets or new construction projects.

Main tasks include :

- Acting as main point of contact for clients, tracking schedules and deliverables, producing or delegating as needed to get the work done, and integrating a diverse array of knowledge to provide insightful information to clients
- Identify, present and discuss performance improvement options with clients
- Prepare logically organized, technically accurate, and clearly presented emails, memos and reports
- Learn best-practice fundamentals and implementation strategies for high-performance building enclosures, mechanical and plumbing systems, zero energy features, low carbon materials, etc.
- Review plans, documentation, and contractor submittals for compliance with requirements
- Complete construction field visits to review progress, verify compliance with goals, and solve field issues

Requirements :

The Sustainable Building Project Manager should be an Expert in the field (has knowledge about the system and its energy optimization) :

- Renewable energy (CHP, solar PV, geothermal...)
- Construction knowledge : Building HVAC Systems, Building Electrical System, Building Envelope
- Familiar with carbon emissions calculation and reduction
- LCA (embodied carbon) calculation
- CFD, thermal comfort studies

The Sustainable Building Project Manager should be familiar with :

- Waste heat recovery / Reuse and circularity principles
- Factory utility management and optimization
- Water system balance / Bioclimate design
- Environmental Certification Management (LEED, GBDL/GBL, BREEAM, HQE, WELL, DGNB, etc.)

Qualifications :

- English and Chinese proficiency. French is a plus.
- Bachelor of Engineering/Science or equivalent education in Mechanical, Electrical, Civil Engineering or related majors (previous coursework in HVAC and building simulation preferred)
- At least 5 years of experience in sustainability field.
- Experience in delivering low-carbon energy initiatives within an engineering or technical consultancy.
- Strong analytical skills, with high attention to detail
- Familiar with research approach, can handle research project
- Proactive personality, open minded person, transparent and good team player
- Ability to work in an international environment, has international mindset
- Possess excellent commercial awareness from client-facing roles.
- Software : proficiency in Microsoft office, Word, Excel, PPT ; Understanding of LCA/Energy modeling software is a plus.