

POSITION:  
CLEANTECH ANALYST -  
Construction and Structural  
Efficiency Specialist (m|f|d)  
REF-NO.:  
2025 | FCA | CTA CON  
LOCATION:  
Remote  
CLOSING DATE:  
31.08.2025

#### APPLICATIONS

Candidates are kindly asked to send in their complete applications (CV, cover letter, and a reference) to [HR@fcarchitects.org](mailto:HR@fcarchitects.org) by August 31, 2025.

#### FUTURE CLEANTECH ARCHITECTS

**Future Cleantech Architects (FCA)** is a non-profit climate innovation think tank, located in Remscheid, Germany with full-time team members in six European countries. We exist to close the remaining innovation gaps to reach net-zero emissions by 2050. FCA accelerates innovation in critical industries where sustainable solutions are still in very early stages. Moreover, we advocate for an enabling public policy framework to accelerate emissions reductions and intensify and prioritize R&D activities.

## CLEANTECH ANALYST – CONSTRUCTION (m|f|d) Structural Efficiency | Innovation | Energy | Industry

#### RESPONSIBILITIES

The Cleantech Analyst Construction will shape and accelerate the next frontier of construction innovation, with a specific focus on the potential of structural efficiency. Working with FCA's Policy and Research Teams, they will focus on advancing a holistic decarbonization strategy for the construction sector, spanning cement decarbonization, next-generation materials, structural and material efficiency, and embodied carbon reduction. They will also explore and promote digital innovation, including AI and advanced modelling tools, optimize design and building processes, and significantly reduce the emissions footprint of buildings and infrastructure through performance-based standards. Key responsibilities include:

- Conducting in-depth analysis of the construction sector, standards for low-carbon products and structures (including cement and steel), and practices to identify key gaps to achieve effective emissions reduction.
- Supporting the creation of standards, public procurement guidelines, and classification systems to embed structural efficiency into regulation.
- Identifying and promoting digital or AI-driven solutions for emissions reduction in the construction sector.
- Contributing technical insights, modelling, and calculations to EU constructions and materials guidelines and developing technical reports and recommendations (e.g., briefs) aligned with FCA's construction decarbonization mission.
- Engaging with stakeholders across industry, academia, and government to advocate for structural and material efficiency.

#### REQUIRED QUALIFICATIONS | EXPERTISE

- Master's degree in architecture, structural/civil engineering, building science, or a related field.
- Solid understanding of embodied carbon, material lifecycle impacts, and construction sector dynamics.
- Familiarity with carbon pricing and EU climate and construction frameworks.
- Strong research and analytical skills; ability to bridge technical insight with policy relevance.
- Effective communication skills to convey technical concepts to non-technical stakeholders.
- Experience in preparing policy documents, presentations, and reports.
- Detail-oriented and able to work proactively and collaboratively in an international team and a dynamic environment, with a passion for driving positive change.
- Excellent command of English, both oral and written. Proficiency in French or German is a plus.

#### REMUNERATION

FCA offers a competitive salary at a level commensurate with the level of experience and allowances, including post adjustment.

#### WORK FROM HOME

The position allows for predominantly working from home, sporadic travel within EU required.

#### DURATION OF CONTRACT | STARTING DATE

The position can be filled for two years with the intention to prolong the contract thereafter. The starting date would be ASAP.



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HRB 3.11.22  
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