

## **Position: Carbon Emissions Analyst**

### **THE COMPANY**

Global Emissionary, LLC. is at the forefront of a transformative shift in the construction industry, particularly within the asphalt sector. Our commitment extends to advancing environmentally preferred processes like Cold In-place Recycling (CIR), Cold Central Plant Recycling (CCPR), and Full Depth Reclamation (FDR), all underpinned by our patented VM0039 methodology. We specialize in calculating and documenting greenhouse gas (GHG) emissions reductions using foam stabilizing base (FSB) or asphalt emulsions (AE) in asphalt pavement construction or rehabilitation.

Our team has developed the first transportation specific GHG Methodology validated for quantifying GHG emission reductions in the asphalt industry. After a decade of technical research, we've honed a patented process for assessing GHG emissions from FSB/AE in various asphalt applications. Our methodology assesses and quantifies GHG emission reductions, resulting in the generation of Verified Carbon Units (VCUs). These VCUs not only represent significant environmental contributions but also open new avenues for business revenue through their trading or sale in the global market.

Having successfully implemented our initial projects, Global Emissionary is now ready to expand operations, sharing our groundbreaking technology and contributing to significant emission reductions in the industry. Our mission is to lead with innovation and sustainable practices, setting new environmental responsibility standards.

### **THE VOLUNTARY CARBON MARKET (VCM)**

The VCM plays a critical role in our operations. It's a market where carbon credits are traded, with each credit representing a reduction or removal of one metric ton of carbon dioxide or equivalent greenhouse gas from the atmosphere. These markets enable organizations and individuals to purchase carbon credits to offset their emissions, contributing to global efforts against climate change. Our Carbon Emissions Analyst will be instrumental in generating these credits through meticulous project management and documentation.

### **POSITION**

Global Emissionary, LLC (GE) seeks to identify a diligent and detail-oriented Carbon Emissions Analyst to join our team. As a Carbon Emissions Analyst, you will play a pivotal role in supporting GE's sustainability initiatives in the road construction industry by effectively managing project data, conducting accurate calculations, and contributing to report writing and documentation. This position offers an opportunity for growth and development, with the goal of eventually assuming responsibility for data management and reporting processes under the guidance of the engineering team.

### **PRIMARY RESPONSIBILITIES**

1. Collaborate closely with the diverse project team, stakeholders, and third-party auditors to organize, manage, and maintain project-related data, ensuring accuracy and completeness.

2. Perform calculations and analyses using Global Emissionary's patented methodology to quantify carbon emissions reductions and environmental impacts for asphalt paving projects.
3. Assist in the preparation of project descriptions, monitoring reports, and related materials, ensuring alignment with Voluntary Carbon Market requirements and internal quality standards.
4. Actively participate in team meetings and discussions, offering insights for process improvement and updates on data analysis and documentation progress.
5. Stay updated on the latest methodologies and best practices within the field of carbon emissions reduction and sustainability and contribute to the development of new approaches if needed.
6. Assist in the coordination and collaboration with GHG Registries to effectively manage business relationships with both organizations.
7. Innovate carbon emission reduction techniques through research and development of future methodologies to diversify the GE business.
8. Write project descriptions that comply with GHG Registry standards.
9. Embrace the dynamic startup environment through versatile roles and interdepartmental collaboration, contributing across various functions and departments to achieve shared success.

## **QUALIFICATIONS:**

The ideal candidate will possess:

- Bachelor's or higher degree in Environmental Science, Engineering, or a closely related field, or equivalent industry experience demonstrating similar skills and knowledge.
- Experience or strong interest in the construction sector, preferably in horizontal infrastructure.
- Demonstrated analytical skills, with high proficiency in data analysis tools, particularly Microsoft Excel.
- Adaptability and eagerness to learn in a niche market, with the ability to apply skills in new contexts.
- Exceptional organizational and communication skills for effective report writing and team collaboration.
- Solid understanding of sustainability concepts, carbon credit programs, and environmental regulations, especially in the context of the Voluntary Carbon Market (VCM).
- Excellent written and verbal communication skills for preparing technical reports and collaborating with team members.

## **ATTRIBUTES**

- Prior exposure to coordination with stakeholders in the horizontal construction industry including state/local government agencies, contractors, and designers.
- Familiarity with construction documents, civil engineering plans, and asphalt mix designs.
- Prior exposure to carbon accounting, life cycle assessment, or greenhouse gas emissions quantification.
- Familiarity with sustainability concepts, carbon credit programs, and environmental regulations is advantageous.

## **COMPENSATION**

- Opportunity to make a significant impact on global carbon emissions reduction efforts.
- Collaborative and innovative work environment with a commitment to sustainability.
- Competitive salary and benefits package.
- Career development and growth opportunities in a rapidly expanding industry.

Application Instructions:

To apply, please submit your resume and cover letter outlining your relevant experience and qualifications to [TK@GlobalEmissionairy.com](mailto:TK@GlobalEmissionairy.com).