

## **Position: Director of Carbon Methodology Development**

### **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.

### **POSITION**

Global Emissionary is seeking a visionary Director of Carbon Methodology Development to lead the charge in developing cutting-edge methodologies for quantifying, monitoring, and verifying carbon emissions reductions. The ideal candidate will be a dynamic leader with a deep understanding of carbon accounting principles, a passion for environmental sustainability, and a track record of driving innovation in carbon offsetting strategies.

### **PRIMARY RESPONSIBILITIES**

1. **Methodology Development:** Lead the development of robust methodologies for quantifying carbon emissions reductions resulting from the implementation of eco-friendly practices. This includes researching industry best practices, engaging with stakeholders, and staying abreast of emerging trends in carbon accounting standards.

2. **Collaboration and Stakeholder Engagement:** Foster partnerships with internal and external stakeholders, including researchers, industry experts, regulatory bodies, and certification agencies, to ensure alignment with industry standards and regulatory requirements.
3. **Quality Assurance:** Establish rigorous quality assurance processes to ensure the accuracy, transparency, and integrity of carbon accounting methodologies and data collection procedures.
4. **Innovation and Optimization:** Continuously innovate and optimize carbon accounting methodologies to maximize the effectiveness and efficiency of carbon emissions reductions across our projects.
5. **Training and Capacity Building:** Provide guidance and training to internal teams on carbon accounting methodologies, data collection techniques, and reporting requirements to ensure compliance with company standards and industry best practices.
6. **Thought Leadership:** Serve as a thought leader in the field of carbon accounting and sustainable construction practices by representing Global Emissionairy at industry conferences, seminars, and working groups.

## **QUALIFICATIONS**

The ideal candidate will possess:

- Advanced degree (Masters or PhD) in environmental science, engineering, sustainability, or a related field.
- Minimum of 7 years of experience in carbon accounting, carbon offsetting, or related fields, with a proven track record of methodology development and implementation.
- In-depth knowledge of carbon accounting principles, methodologies, and standards (e.g., ISO 14064, GHG Protocol).
- Strong analytical skills and proficiency in data analysis tools and software.
- Excellent communication and interpersonal skills, with the ability to effectively engage and collaborate with diverse stakeholders.
- Strategic thinker with a passion for driving innovation and promoting sustainability.

## **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).