



Job Title: Carbon Emissions Analyst

Company: Global Emissionary (GE)

Job Overview:

Global Emissionary (GE) is seeking a **detail-oriented and analytical Carbon Emissions Analyst** to support the company's sustainability initiatives in the road construction industry. This role will focus on **data management, emissions calculations, and technical reporting** to ensure accurate quantification of carbon reductions using GE's proprietary **VM0039 Verra Methodology**.

The Carbon Emissions Analyst will work closely with project teams, third-party auditors, and sustainability partners to **manage project documentation, perform emissions assessments, and contribute to carbon credit generation**. This position offers an exciting opportunity to be at the forefront of **carbon finance and sustainable infrastructure**, with significant potential for career growth in a rapidly expanding industry.

Key Responsibilities:

Data Management & Emissions Analysis:

- Collect, organize, and analyze **project-related data** to ensure accuracy and compliance with **Voluntary Carbon Market (VCM) requirements**.
- Conduct **GHG emissions quantification** using the **VM0039 methodology**, assessing reductions from **Foam Stabilized Base (FSB) and asphalt emulsions (AE)**.
- Maintain precise records and calculations to support the issuance of **Verified Carbon Units (VCUs)**.

Technical Reporting & Compliance:

- Assist in preparing **project descriptions, monitoring reports, and compliance documentation** for carbon credit verification.
- Ensure all reports align with **GHG registry requirements** and internal quality standards.
- Work closely with third-party auditors to **validate emissions reductions** and ensure project eligibility for carbon credit issuance.

Industry Research & Process Improvement:

- Stay updated on **sustainability trends, carbon credit methodologies, and environmental regulations**.
- Support the **development of new methodologies and innovations** to expand GE's carbon credit generation potential.
- Assist in research and development initiatives focused on improving **carbon emission reduction techniques**.

Stakeholder Coordination & Collaboration:

- Work with **GHG registries and carbon market partners** to ensure smooth transactions and compliance.
- Collaborate with **state and local government agencies, contractors, and engineers** to integrate carbon reduction strategies into infrastructure projects.
- Contribute to a **cross-functional startup environment**, working with teams across different departments to achieve shared sustainability goals.

Qualifications:

- **Bachelor's degree or higher** in Environmental Science, Engineering, or a related field—or equivalent industry experience.
- Experience or strong interest in **carbon accounting, sustainability, or infrastructure construction**.
- Strong **analytical skills**, with proficiency in **Microsoft Excel and data analysis tools**.
- Excellent **technical writing and communication skills** for preparing compliance reports and collaborating with stakeholders.
- Understanding of **carbon credit markets, environmental compliance frameworks, and sustainability initiatives**.
- Ability to **adapt and thrive in a fast-paced, evolving industry**.

Preferred Skills & Experience:

- Prior experience working with **state/local government agencies, contractors, or engineers** in the road construction industry.
- Familiarity with **civil engineering plans, construction documents, and asphalt mix designs**.
- Exposure to **carbon finance, life cycle assessments (LCA), or GHG emissions quantification methodologies**.
- Knowledge of **carbon credit trading, registry processes, and environmental impact assessments**.

Location:

Remote (Anywhere in the USA) – Some travel may be required.

Compensation:

- Competitive salary and benefits package.
- Opportunity to **play a key role in global carbon emissions reduction efforts**.
- Career development and **growth opportunities** in a rapidly expanding market.

This is a unique opportunity to contribute to the future of **carbon finance and sustainable infrastructure**. Join GE in leading the way toward a **greener, low-carbon future!**