



Ecosystem Services Market Consortium (ESMC) | Lead Engineer FTE Position (Annual Contract Basis) | Remote

Ecosystem Markets. Built for Producers. Backed by Science.

The Ecosystem Services Market Consortium (ESMC) is a member-driven group working to build an ecosystem service market that incentivizes farmers and ranchers to improve soil health systems and help fight climate change.

We are working towards launching a voluntary national ecosystem services market conceived and designed to sell ecosystem assets such as carbon and water quality and quantity credits for the agriculture sector by 2022.

An important component of our market is the development of a Monitoring, Reporting and Verification (MRV) platform to collect, store, and manage data inputs and outputs. The platform will include user-friendly interfaces that meet the needs of various users, such as farmers, ranchers, verifiers, and credit generation platform(s).

About the Position

As Lead Engineer, you will be responsible for the development, oversight and coordination of all technical and product aspects of building, launching, and supporting the MRV platform through collaboration with the ESMC team, ESMC members, ESMRC Working Group participants, and other contractors. Driving the day-to-day development and long-term product strategy / vision, your experience in leading the development of successful technology tools and/or platforms will be key to the success of our dynamic, fast-paced team environment where impact and sustainability is at the forefront of the mission.

Within 1 Month, You'll:

- Ramp up on ESMC (the company, the work done to date, and the challenges ahead).
- Weigh in on key technical and product decisions.

Within 3 Month, You'll:

- Shape the technology and product vision – developing a technical strategy for the company.
- Collaborate with ESMC's team and member organizations to align the strategy with the business vision.

Within 6 Months, You'll:

- Lead the creation of an MVP for ESMC's Monitoring, Reporting and Verification (MRV) platform.
- Hire, onboard, and train staff and/or external consultants to build ESMC's MRV platform.
- Gain real-time customer feedback as fast as possible.
- Lead all aspects of product development beyond an MVP to ensure the success of ESMC, its customers, and its member organizations (quality assurance, testing, technical stack and architecture, DevOps, and more).

Within 1 Year, You'll:

- Complete an MVP version of ESMC's MRV platform and present a roadmap and updated vision based on feedback and learnings for market launch in 2022.
- Continuously monitor the member's and customer's goals and needs, number of developers available, the cost of developers, the cost of the framework, deployment time, security, member support, feedback from MVP product, and fitting to business vision.
- Assist in translation, documentation and reporting of technical results to the Program Development Team, the ESMC team, and ESMC members, including funders and investors
- Provide documentation support to publish appropriate results and outcomes
- Carry out other tasks as appropriate and necessary to achieve the necessary outcomes

You Should Apply if:

- You have experience leading the development and implementation of technical projects

- You are a team leader who can work cross-functionally and communicate effectively with technical and non-technical team members
- You are able to work independently with proficiency in prioritizing tasks, organizing time, and managing multiple activities to meet deadlines
- You have an understanding of the agriculture industry, agricultural conservation and sustainability efforts, and ecosystem markets (preferred - not essential).

ESMC is committed to an inclusive and diverse work environment. As an equal opportunity employer, we do not discriminate based on gender, sexuality, race, color, disability or any other legally protected status.