



Senior Life Cycle Analyst

Position Summary:

The Senior Life Cycle Analyst at Virent will have responsibility for leading the development, planning and implementation of sustainability and life cycle assessments related to feedstocks, fuels and chemicals. As part of the Business Analysis team, the individual will work with members of Process Engineering, R&D, Government Affairs and Business Development to deliver life cycle analysis that supports Virent's partnerships and commercialization objectives.

Essential Technical Responsibilities and Duties

- Develop life cycle assessments for Virent's processes for fuels and chemicals through all stages of development through commercialization.
- Identify, develop and/or perform life cycle assessments of traditional petroleum sourced materials for consistent performance benchmarking.
- Analyze and interpret the impact of regulations, calculation methodologies, and agricultural systems on Virent's biobased fuels and chemicals.
- Identify and communicate high impact LCA areas and understand tradeoffs and associated impacts throughout the research, development and commercialization cycle.
- Collaborate and engage in technical and non-technical discussions with external Strategic Partners, Government entities and potential customers.
- Participate in strategic planning activities and provide guidance to senior management on LCA issues/opportunities.
- Support Government relations activities regarding LCA
- Continuously develop a broad knowledge of state-of-the-art principles and theory related to sustainability and life cycle assessments.
- Work collaboratively and effectively within the company (e.g. Engineering, Research and Development, Operations, and Business Development) to identify process opportunities and risks.

Minimum Education and Experience Requirements

EDUCATION: Bachelor's degree in Chemical or Environmental Engineering required with an emphasis in Life Cycle Assessment. A Master's of Science degree or higher in Chemical or Environmental Engineering preferred.

AND

EXPERIENCE: 5-7 years of experience in formulating and conducting life cycle analysis (or 3-5 years of related experience with a combination of advanced education) preferably in the areas of agriculture, fuels and chemicals.

AND

KNOWLEDGE/SKILLS:

- Experience with LCA best practices and standards
- Strong familiarity and working experience with life cycle analysis software programs such as GaBi, SimaPro, GREET.
- Strong analytical ability with specific attention to detail
- Strong interpersonal, written and oral communication skills
- Responsive to shifting priorities, demands and timelines
- Advanced ability with Excel and Power Point.

APPLICATION INSTRUCTIONS

[Click Here to Submit Online Application](#)

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