



Researcher New Processes and Process Improvement

Biomass treatment for the generation of heat, energy and feedstock for chemical industry.

CEG/Perpetual Next

Working for the CEG/Perpetual organization, a Dutch clean-tech company of about 100 people strong with a dynamic, informal and respectful working environment, means having the potential to positively contribute to revolutionize the energy industry by inventing and developing proprietary technologies for treatment of biobased waste streams and commercialize those in process plants around the world. CEG/Perpetual Next started in 2013/2019 and is backed by the Dutch private equity firm Momentum Capital, which focuses on Cleantech companies that have the potential to challenge the existing ones and set the new standard in their respective areas of business and thus positively contribute to the world's climate goals set by the Paris agreement.

Job Description

The successful applicant will be responsible for the identification and development with our R&D partners of new technologies that fit within the scope of the company and its technology roadmap. In addition he/she will use the insights and understanding of the new developments in research and marketplace as well as available scientific and patent literature to improve our existing processes and associated equipment design. He reports to the Director of Equipment and Process development.

Key Responsibilities

- Understand the voice of the customer (VoC).
- Understand the economics of our target markets.
- Understand the CEG/Perpetual technology status, strategy and road map.
- Understand the challenges for implementation of this technology in competitively operating plants.
- Understand the technology of pyrolysis of biomass and its applications.
- Develop a vision of where the R&D of the field of (thermal and catalytic) treatment of biomass goes.
- Develop a vision on the improvement opportunities for the existing CEG biomass treatment processes.
- Translate these understandings in proposal for R&D projects and Process Improvement projects.
- Lead Operational excellence projects, based on Lean Quality techniques and tools.

Must-Have Qualifications

- Highly energetic and self-propelling professional. Proven track record in complex green field engineering projects.
- Thorough experience in processes for treating biomass.
- Experience level at PhD level in Chemical process technology.
- Broad experience and network in the Industry and Academia.
- Thorough understanding of Project Management methods and state of the art Quality Management tools.
- Fits in a scale-up working environment with strong hands on mentality.
- Eliminates waste on a continuous basis and spends every shareholders euro consciously.
- Shows respect towards colleagues and business partners at all times.
- Fluent in English.
- Excellent presentation skills.

Recommended qualifications

- Demonstrated interest in the business aspects of the implementation and scaling-up of new technologies.

Contact

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