

Scientist/Research Engineer, Biorefinery

Thunder Bay, Ontario

About FPInnovations

FPInnovations is among the world's largest private, non-profit research centers working in forest research. The organization helps the Canadian forest industry to develop pathbreaking solutions based on the unique attributes of Canada's forest resources, favoring a sustainable development approach and taking full advantage of the industry's considerable scientific, technological and commercial capital.

Forestry biorefinery is a rapidly growing segment as a result of increasing demand for green and sustainable bioproducts and the declining demand for traditional pulp and paper products. In collaborating with CRIBE, FPInnovations has built the Bio-Economy Technology Centre (BETC) in Thunder Bay for the development and pilot demonstration of various transformative technologies. A large scale TMP-Bio pilot plant will be built in the next 18 months as part of a three-year consortium research alliance with industries, government agencies, and local community.

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Description

Under the supervision of the Associate Research Leader of BETC, as a member of a multidisciplinary team, the successful candidate will play a key role in the buildup of the TMP-Bio pilot plant in Thunder Bay by working closely with the engineering firm, project team members at Pointe-Claire and Thunder Bay, equipment vendors, the industry partner, and the local construction/installation companies. The Candidate will be then working on the startup, commissioning, and operation of the pilot plant after the pilot plant is built. He will also play an active role in the research on bioproduct development and applications, as well as in building BETC towards the lignin development centre in the near future.

Qualifications

- BSc. in chemical engineering, environmental engineering, pulp and paper science and engineering, or related engineering field.
- Working experience in or related to Chemical Engineering, Biorefinery or Pulp and Paper would be definitely an asset.
- Ability to manage projects including budgets, resources and timely delivery
- Ability to organize, solve problems, and analyze
- Integrity and team spirit; ability to work effectively with people from a wide range of backgrounds
- Good written and verbal communication skills with high standards for quality

- Highly creative and innovative with entrepreneurial drive and strong work ethic
- Excellent team player and proven experience in collaborative projects
- Ability to work effectively in a team environment, as well as manage project budgets, resources and timely delivery results

N.B.: The masculine has been used above to include the feminine, solely for the purpose of easier reading.

Please email your CV to:

Recruitment_recrutement@fpinnovations.ca

Please indicate reference no. 156 on the subject line.