

## **Research Engineer - Transportation (Trucking)**

**Pointe-Claire, Qc**

### **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.

FPInnovations' Transportation Department and PIT Group offers testing, R&D, and technology implementation services to the forest sector and freight transport.

### **Description**

FPInnovations is currently looking for a research engineer to support its research and technology testing in the field of heavy trucks and transportation.

This incumbent will be part of a transportation professional team (engineers, scientists, and technologists) whose role is to support both the forest sector and the PIT Group partners who operate large trucking fleets. He will conduct and implement R & D projects and provide related testing and support services.

Collaboration will also include working with external technical providers, industrial partners, and government agencies to develop and test advanced vehicle solutions.

Responsibilities will also include:

- Develop, test, integrate and support implementation of solutions for major Canadian trucking fleets and forest companies;
- Lead /co-lead research projects (work plans, execution, reporting, and implementation);
- Author reports (scientific, operational and technical);
- Maintain and enlarge professional network with major transportation key resources from the government ( ex. Ministry of Transports) , associations and fleets;
- Test and evaluate fuel efficient technologies;
- Analyze and evaluate log transportation systems to improve overall efficiency;

- Understand provincial weight and dimensions policies;
- Conduct vehicle data analysis;
- Manage assigned projects, respecting budgets and timelines;
- Prepare presentations and communicate to stakeholders and internally;
- Demonstrate FPInnovations' values and ensure that all relevant Health and Safety standards are adhered to.

### **Qualifications**

- Bachelor degree in forestry, mechanical, automotive or mechatronics engineering. Master degree is considered an asset;
- Experience in at least one of the following areas: advanced vehicles and trucking, forest transportation, electrification, testing, design;
- Knowledge of vehicle autonomy, electrification and connectivity would be an asset;
- Registered professional engineer (or EIT) as forest engineer or eligible for registration with a provincial association/order;
- Excellent communication skills in both French and English ( oral and written);
- Valid Class 5 driver's license issued by a Canadian province;
- Good project management and data analysis skills;
- Highly team and client oriented with a strong focus on efficiency, problem resolution and details;
- Available for business travelling in Canada (up to 20% time).

*Please note:* The masculine gender has been used here to include the feminine, solely for easier reading and without any discrimination.

**Please submit your resume to:**

[Recruitment\\_recrutement@fpinnovations.ca](mailto:Recruitment_recrutement@fpinnovations.ca)

**IMPORTANT:** please indicate Reference no. 552 on the subject line.