

# WOOD Engineering Is it for you?

## DID YOU KNOW THAT..

99% of single-family homes in Quebec are made from wood.

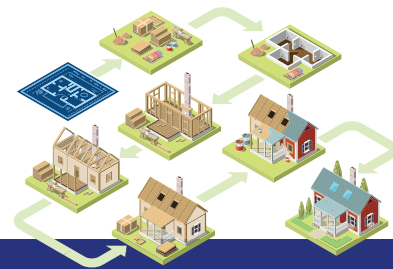
It is possible to turn forest logging residues into biofuel, a renewable fuel, as a substitute for fossil energies like oil.



Do you feel good in the forest?



Would you like to create greener fuel for the future of the planet?



## WHAT DO THESE ENGINEERS DO?

Plan and lead timber processing operations at plants according to the specifications received from management.

Estimate the costs of producing products like milled wood, particleboard, furniture, and wood-based construction systems.

Design wood sawing, veneering, drying, machining and preservation processes at plants using their knowledge of industrial engineering, material resistance, thermodynamics, mechanics, physics, chemistry and the anatomical features of wood.

Can design and market innovative products made from wood or composite materials.



## WHERE DO THESE ENGINEERS WORK?

- Consulting engineering firms
- Building construction companies
- Forestry operators
- Wood framework component manufacturers
- Federal and provincial government
- Timber and building material wholesalers
- Paper pulp industry
- Lumber and shingle industry
- Furniture and furnishing industry

## QUEBEC WOOD ENGINEERING AT THE HEART OF INNOVATION

Glued laminated timber from Quebec softwood species

Limits the presence of certain flaws in timber, increases load resistance.



(IN FRENCH)

## AVERAGE SALARY

# \$132,201

Genium360, Compensation Survey of Engineering Employees and Graduates in Québec, 2023

PLACE FOR YOU



**BACHELOR'S DEGREE IN WOOD ENGINEERING**  
**4 YEARS**



**ENDLESS OPPORTUNITIES IN ENGINEERING!**

Learn more about wood engineering and other kinds of engineering