



Forest Pulp and Paper

The Opting Solution Team is made up of experts in thermodynamics, chemistry and industrial processing. It is equipped to offer specific and innovative environmental solutions to the wood processing industry.

It carries out mandates for sawmills, pulp mills and paper and processing into value-added products to improve drying and effluent treatment systems.

The Opting team also offers solutions for the revaluation of solid residues as well as sludge to produce solid or high-quality organic fertilizers.

OUR SOLUTIONS ALLOW:

- Condition wet biomass to grind, dry and store
- Diversify different fuels and increase security of supply
- Increase the performance of combustion systems (up to 40%)
- Reduce the amount of ash for biomass boilers (up to 30%)
- Reduce the amount of SO_x/NO_x release
- Establish new sources of income (biomass pellets, carbon credit, etc.)
- Reducing heating costs Treat/upgrade effluent at a lower cost

THE TYPES OF MANDATES ARE:

- Optimization and conversion of boiler systems; Packaging and drying biomass
- Improved combustion system
- Retrofit of hybrid suspension burner with biofuel and conventional fuel
- Revaluation of sludge to produce
- Upgrading or optimizing existing equipment; Automation and performance tracking
- Accompanying grant applications; Heating in hot air buildings using wood residue
- Valorization of the ashes
- Production of pellets and wood briquettes
- Biomass cogeneration plant
- Wastewater and effluent treatment
- Converting Wood Drying to Biomass