



Agriculture Livestock production Agri-food

The Opting Solution Team is made up of experts in thermodynamics, chemistry and industrial process. It is equipped to propose environmental solutions tailored to the agri-food industry.

Our Team carries out mandates for producers to use renewable energy, or transform waste to energy, for heating buildings or drying crops. The Opting team also offers solutions for the valorization of animal manure or sludges as well as for the treatment of effluents.

OUR SOLUTIONS ALLOW:

- Condition wet biomass to grind, dewater, dry, homogenize, stabilize and storage;
- Diversify different fuels and improve security of supply;
- Increase the performance of heating, transformation, and energy production systems using Renewable Energy
- Reduce emissions of SO_x/NO_x, ammonia and CH₄;
- Establish new sources of revenue (biomass pellet, fertilizer, biogas, etc.);
- Reduce heating costs
- Treat effluent at a lower cost
- Treat or eliminate odors

THE TYPES OF MANDATES THAT WE CARRY OUT ARE:

- Heating system for grain storage silos
- Gas filtration system for digesters
- Valorization of manure for the manufacture of high-value, solid and liquid fertilizer
- Hybrid burner retrofit for biofuel and conventional fuel
- Optimization and conversion of boiler systems
- Conditioning and drying of biomass
- Production of pellets, bio-solids or fertilizers
- Water treatment
- Greenhouse heating
- Wood Drying