



Residual Materials

The Opting Solution Team is made up of experts in thermodynamics, chemistry and industrial processes. It is equipped to offer specific and innovative environmental solutions for the transformation as well as revalorization of various types of municipal and industrial wastes and effluents.

Opting designs and supplies economically sound sorting and conditioning solutions for various types of wastes and residuals, including biomass. It also offers compact and cost-efficient solutions for the valorization of digestate, the filtration of gases and the treatment of wastewater.

OUR SOLUTIONS ALLOW:

- The improvement of residual materials recovery rate
- A reduction in the energy consumption of a variety of processes
- A reduction in the amount of waste and effluent released;
- To establish new sources of income (fertilizer, bio-methane, etc.)
- A reduction in downtime for maintenance
- An increase in available space due to reduced footprints
- The treatment of effluents at a lower cost
- The energy-optimized revalorization of effluents

THE TYPES OF MANDATES THAT WE CARRY OUT ARE:

- Sorting, conditioning and drying of residual materials
- Production of bio-fuel (solid, liquid and gaseous)
- Energetic valorization of waste and residual materials
- Treatment of wastewater, digestate and other effluents
- Filtration, purification and compression of biogas
- Optimization and conversion of combustion/incineration systems
- Upgrading or optimizing existing equipment
- Automation and performance tracking
- Assistance throughout grant application processes
- Pre-feasibility and feasibility studies
- Basic and detail engineering