

The expertise

CIME offers you the development of cement formulations adapted to the physico-chemical specificities of your waste, taking into account regulatory constraints. The general approach includes laboratory scale definition of cement composition, engineering design and implementation of pilot scale tests.

This approach is implemented to address the problems of stabilization and solidification of waste such as sludge from the treatment of active effluents. Their packaging complies with the acceptance criteria of the main institutions in charge of radioactive waste control.

Added value

- Simplified implementation at ambient temperature
- Cost control (raw materials, mixing process)
- Process chemically compatible with the majority of waste
- Constant monitoring of the compliance of cementitious matrices with standards

+3
cement
matrices
formulated and
developed

3
types of
coated waste

10 l/h
of continuous
sludge
production

Site of
Bessines-sur-
Gartempe

Direction CIME

www.orano.group/cime

