

ENERGY RENOVATION OF LA RAVINIÈRE SCHOOL COMPLEX OSNY



Competition: 2025

Status: Design in progress

Client: City of Osny

Sustainability: 2050 Tertiary Decree / 60% energy savings target

Cost: €2.6M excl. VAT

Located on a site with two buildings divided into five distinct sections, the La Ravinière school complex integrates elementary education, school catering, staff housing, and extracurricular activities. The former nursery school has been relocated, freeing up space for these new functions.

The outdoor areas include student playgrounds and an educational garden, creating an engaging environment that encourages outdoor learning.

Our intervention is carried out on an occupied site and focuses on energy efficiency, aiming to achieve a 60% reduction in consumption in line with the 2050 tertiary decree. A Building Management System (BMS) will be implemented in accordance with the BACS regulation to optimize the building's performance.

Project scope includes:

- External wall insulation
- Replacement of exterior joinery
- Installation of external blinds in school areas
- Replacement of roller shutters in staff housing
- Flat roof insulation
- Replacement of steel tray roofing in the playground
- Flushing and cleaning of the heating network
- Heating system balancing and terminal regulation improvements
- Lighting control with presence and daylight sensors
- Installation of a double-flow ventilation system
- Energy metering plan
- Implementation of a Building Management System (BMS)

