



Project: Le Mistral and St-Hubert Schools
Rimouski / Mont-Joli, QC



The energy efficiency program launched for two educational establishments by Des Phares School boards, gave positive results beyond expectations. Des Phares School Board received an Excellence Mention from Hydro-Québec for the performances reached by Mistral School of Mont-Joli. It was ranked among the three finalists in the Institutional Category for the best energy saving's project. Energy savings reached during the first year of the program exceeded the provisions by 24%. Targeted savings were 600 000\$, the real ones reached 745 000\$.

Geo-Energie was mandated by Technika-HBA to provide design and supervision services for all geothermal exchangers and heating production plant. On Geo-Energie's advises, the client accepted that all mechanical equipment be pre-assembled into a functional system, before its delivery. It was the first Quebec's school project to be lead on this basis of design. This new approach played a key role in the project's success and budgetary target compliance.

Principal stake was to convert the existing heating system without interfering in the everyday operation of the school and assuring the student's security. The adaptation of the existing distribution system to a low temperature operation was an ambitious challenge proudly met by the team.

