

C A N A D I A N

ENGINEERS' AWARDS



PRIX DES INGÉNIEURS

D U C A N A D A



The Lassonde Pavilions of the École polytechnique de Montréal

National Award for Engineering Achievement

As Canada's first educational institution buildings to achieve the internationally acclaimed LEED Gold Environmental Certification, the Lassonde Pavilions have led the way in applying "green" technology to promote a stimulating and comfortable learning environment that facilitates the education of engineering students for generations to come.

The pavilions, which are named after two École Polytechnique graduates, Pierre Lassonde and Claudette MacKay-Lassonde, are said to be a breath of fresh air on campus. Their design and construction is a leading example of a functionally advanced, environmentally responsible way to create an enhanced learning environment.

Ecology was a prime concern when designing the buildings. All construction materials, from concrete, to paint, were selected based on their environmental and "green" qualities. Wherever possible, recycled materials were also used.

Most striking, however, are the building's "green" design features, which include an emphasis on natural light and a parking lot with two-thirds of its spaces reserved for carpoolers. As well, the soil and the green roof areas absorb storm water. Any unabsorbed water is channeled to an underground water reservoir that stores water for flushing toilets. This design results in a 39 percent decrease in the rate and quantity of storm water runoff.

The building's design and construction was led by Project Director Michel Rose, ing. He is a member of l'Ordre des ingénieurs du Québec (OIQ).

Website: www.polymtl.ca/lassonde/en/



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