

CMHC agreeing to the amount and the stages in the development when HTIP payments are to be made. Most HTIP contributions cover at least one half of the project cost up to the maximum of \$15 000.

New products or methods developed as a result of projects supported by HTIP are publicized by CMHC to the housing and building industries.

#### Funding for 100 projects

Since its inception, the housing technology incentives program has funded approximately 100 projects across Canada. Most applications are received from Ontario, British Columbia and Quebec.

Currently there are about 70 projects supported by HTIP which include the following:

- the development and testing of a gas condensing furnace installed outside the home to eliminate the need of a chimney and to increase efficiency by operating with direct cold air;
- design, development and construction of a prototype house of moulded fibreglass believed to be low cost and energy efficient;
- demonstration and testing of practical factors related to the installation of exterior insulation in basement walls in various climatic regions. The project attempts to clarify the effects of the installation technique and timing on the



EVA Corporation

*Passengers listen to EVA, a system developed under the program. EVA is an electronic voice announcer that is especially helpful to the blind because it audibly identifies floors for elevator users.*

durability and performance of the product:

- design, installation and testing of an insulation system for flat roofs in existing housing using surface-applied insulation



*Hilan playstructures for handicapped children, like this roller slide made of soft rubber, integrate with conventional playground equipment.*

which is potentially cheaper than blowing insulation into the attic;

- development and testing of a concrete wall system which can be quickly assembled without mortar by using interlocking concrete blocks; and
- testing and demonstration of improved efficiency in log housing achieved by the use of a specially formulated sealant compound between logs which functions as both vapour barrier and air seal.

The products developed with HTIP support which are now available on the market are equally varied. They include:

- Gemite exterior insulation panel system which is an energy-saving product developed as a prototype with funding from HTIP. The system is designed to be applied by fasteners or adhesive bonding as outside insulation on exposed basement walls of new or existing housing and walls of industrial buildings. It consists of an assembly of panels, fasteners and caulking.

- Hilan Playstructures for handicapped children, which integrate with conventional playground equipment, were developed and tested with support from HTIP. The innovative structures include sympathetic swings which are set in motion by the action of an adjoining conventional swing; playhouse with wheelchair accessibility; riding saucers which respond to rolling and crawling, and roller slides made of soft rubber. Hilan Playstructures are appealing to all children, whether handicapped or not. They can be added to regular playground equipment in parks, schools and community centres to encourage the natural integration of disabled and able-bodied children. The play equipment is produced and marketed by a firm located in Almonte, Ontario near Ottawa.

#### Northern Telecom sale to Japan

Northern Telecom Limited of Montreal reports it has received approval from the Nippon Telegraph and Telephone Public Corporation of Japan to sell its SL-1 digital business communication system and its SL-1 electronic telephone set and add-on data module in Japan.

The approval allows the products to be used in the Japanese public telephone system.

The company also said it had signed a long-term agreement with Mitsui and Company Limited of Japan for Mitsui to distribute the SL-1 system in Japan.

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