FACTS: Toronto Pan Am Sports Centre

Opened: September 2014

What it is

The Toronto Pan Am Sports Centre is the new home of UTSC’s Department of Athletics and Recreation. In a unique partnership with the City of Toronto, the facility will also offer recreational programming to members of the community, and is also home to the Canadian Sport Institute Ontario. The aquatics and sports facility has been developed for the 2015 Pan Am and Parapan American Games. Representing one of Canada’s largest ever investments in amateur sport infrastructure, the facility covers 365,000-square-feet or about five football fields. The two pools doubles the number of Olympic-size pools in the GTA.

What’s in it

TPASC’s aquatics centre features two internationally sanctioned 50-metre pools, a five-metre deep diving tank, training facility and seating capacity for 6,000 during the 2015 Pan Am and Parapan American Games. The field house features an indoor recreational track, flexible gymnasium space for training and competition, a rock climbing wall, and Games-seating capacity of approximately 3,000.

Primary User Groups

Before and after the Games, the centre will be available for training and recreation for UTSC students, faculty and staff; members of the community and high performance athletes. The Canadian Sport Institute Ontario is an anchor tenant. Wheelchair Basketball Canada’s National Academy, which makes its home at UTSC, will be located in TPASC. Diving Plongeon Canada, Swimming Canada, Synchro Canada and Water Polo Canada have made commitments to move components of their high performance teams and training programs to TPASC.
**Academic Focus:** Health and wellness, sport, recreation, sports management.

**Environmental Features**

- There are 1,854 solar panels on the roof, 666 over the field house and 1,118 over the competitive pool and dive tank. Each panel is capable of producing 0.32 kW of power, and all together can generate up to a maximum of 593 kW of power per hour or between 10 and 15 per cent of the total power required to run the building.
- A green roof will cover 30 per cent of the facility, a total of approximately 60,000 square feet.
- A geothermal field under the north parking lot will provide 20 per cent of the heating and cooling for the building.
- LED lights will be installed throughout, consuming about 80 per cent less energy than incandescent lights and about 35 per cent less than fluorescent.
- Three underground cisterns will collect rainwater, which will be used to irrigate landscaping around the building.
- Ninety five per cent of the construction site waste has been targeted for diversion from landfills and incineration.

**Additional Features**

- The building is 100 per cent accessible.
- Entrances and pathways are accessible, as are dressing rooms and lockers, washrooms and showers. Change areas have height tables.
- Emergency provisions include areas of refuge and an evacuation chair. Medical and treatment rooms include height adjustable tables.
- The viewing area incorporates accessible seating.
- The pool has an accessible ramp and lifts.
- Tethering stations and space for service animals have also been incorporated into the building’s features.

**Cost:** $205 million

**Our Funding Partners:** TPASC is jointly owned by the City of Toronto and the University. TPASC is funded in part by student levy covering 17 per cent of the total cost with the University’s contribution being 22 per cent of the building’s total cost, and by the City; the federal government has provided 56 per cent of the funding.

**Consultants:** Designed by NORR ltd with aquatic engineers Counsilman-Hunsaker. Construction by PCL Constructors Canada.

**Awards:** TPASC has been designed to LEED Gold certification standards. Recognized with a Facility of Merit award from Athletic Business. Awarded the 2016 PRO Excellence in Design Award by Parks and Recreation Ontario.