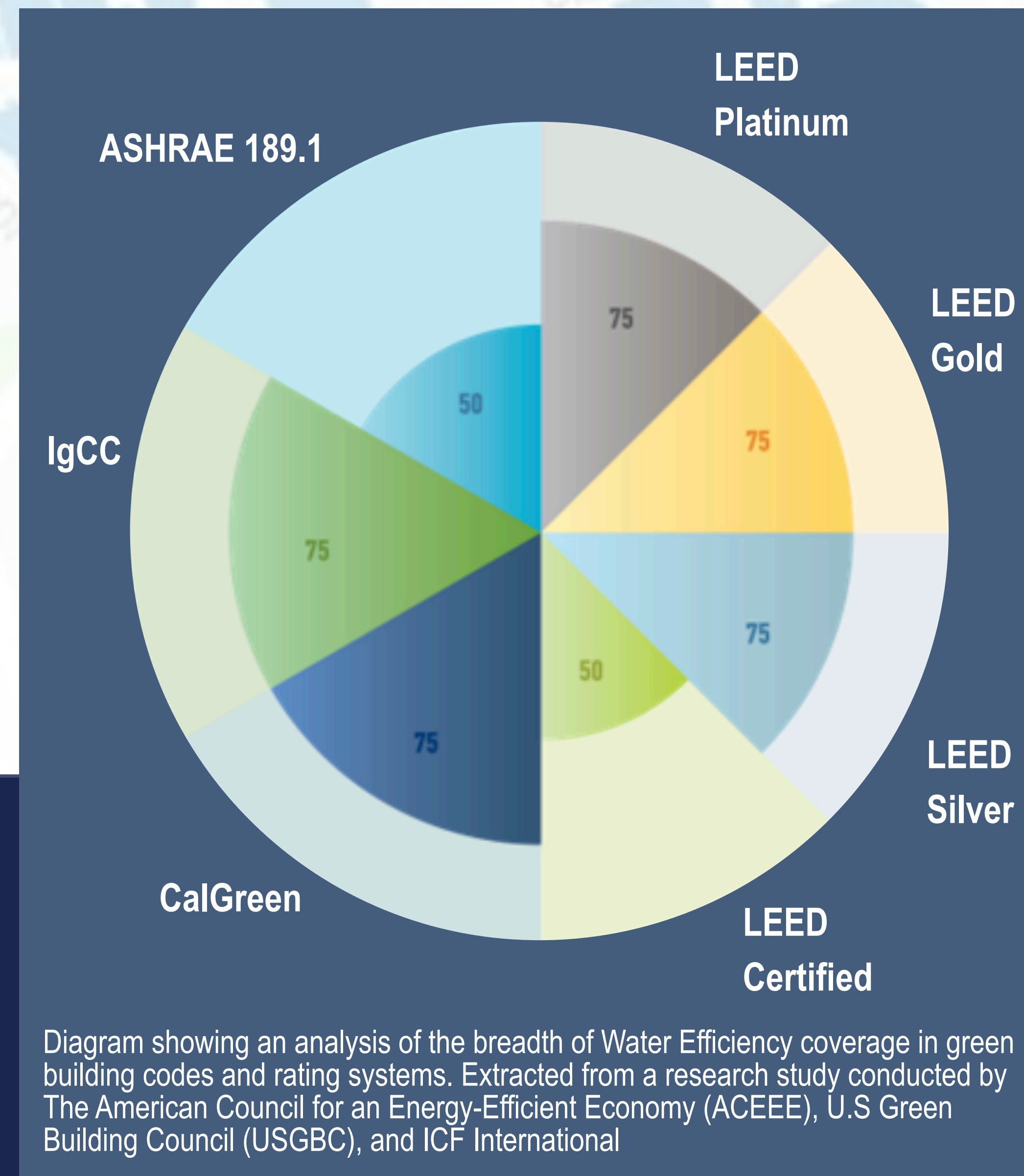




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THE SUSTAINABLE BUILDING DESIGN STANDARD [SBDS] PROJECT

ABOUT SUSTAINABILITY OFFICE , ST. GEORGE

- The Sustainability Office’s mission is to embed sustainability into the the fabric of university operations and the on-campus experience.
- The multidisciplinary staff work collaboratively with the U of T Mississauga and Scarborough Campuses’ Sustainability Offices.
- Major Recent Achievement: Securing project financing for Project LEAP, which aims to cut on-campus emissions by ~50% by 2026.



MAIN RESPONSIBILITIES

- Conducted a comparative analysis of various green building standards such as LEED, WELL, and ASHRAE 189.1; under the direction of the Senior Manager.
- Synthesized data and created written content for the working copy of the SBDS.
- Created an organizational structure to transition the U of T standard baseline from LEED to ASHRAE 189.1/ Toronto Green Standard (TGS).
- Identified relevant sections in each of the standards that might be integrated or paired differently within the SBDS.
- Attended 1:1 and project team meetings to share progress and receive feedback.

SBDS PROJECT - KEY PARTNERS

- Facilities & Services (F&S)
- University Planning, Design & Construction (UPDC)

DID YOU KNOW?

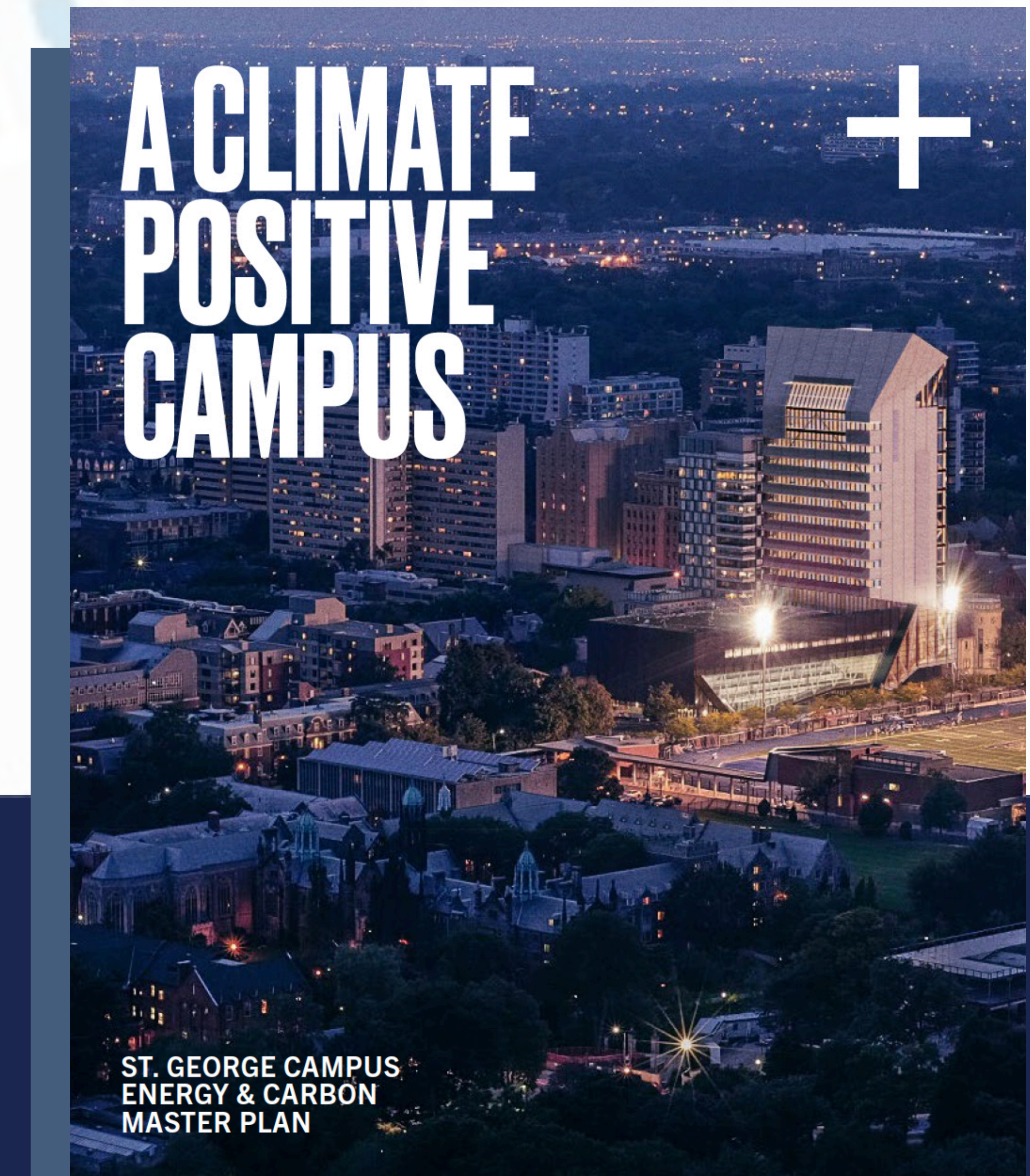
There are a number of existing Design Standards published on the F&S website that provide the minimum requirements for various aspects of the project delivery. These include:

- The Tri-Campus Energy Modelling and Utility Performance Design Standard
- The Building Commissioning Design Standard
- The Facility Accessibility Design Standard



INTERNSHIP HIGHLIGHTS

- Great organizational culture with a genuine desire to positively impact people, nature and the built environment.
- Brainstorming sessions with the Core team.
- Sustainability Office Lunch with Team building agenda for staff and student interns.
- Consultation with subject-specific partners.



SBDS PROJECT OBJECTIVES

- An in-depth rework of the existing Environmental Design Standard to achieve climate positive and other campus-wide sustainability goals.
- Enhancing the standard's scope to encompass not only environmental aspects but also crucial social and economic factors, thus adopting a more comprehensive approach.
- Will provide more stringent requirements to improve the sustainability of new construction, and renovation projects on all three campuses.

REFERENCES

<https://www.fs.utoronto.ca/sustainability/>
<https://www.utoronto.ca/about-u-of-t>
<https://climatepositive.utoronto.ca>
<https://sustainability.utoronto.ca>
<https://www.aceee.org/files/proceedings/2012/data/papers/0193-000069.pdf>
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