

THE UNIVERSITY OF TORONTO: POWERING A WORLD-CLASS CITY

Presentation to the City of Toronto Economic
and Community Development Committee

January 14, 2020



UNIVERSITY OF
TORONTO

BOUNDLES

STRONG CITY

Among the most diverse and livable cities in the world

Magnet for world's top talent and foreign direct investment (FDI)

Fastest growing tech hub in North America



STRONG UNIVERSITY

Canada's top university and 18th in the world

Attracts students from 166 countries and regions around the world

Ranked 15th in the world for employability of graduates

Global leader in AI, cleantech, fintech, and regenerative and precision medicine



UNIVERSITY OF TORONTO: BY THE NUMBERS

Year established:	1827
Students:	91,286
Faculty, librarians, and staff:	21,788
Alumni:	591,904
Operating budget:	\$2.7B
Buildings:	266
GSM of floor space:	1,790,704



UNIVERSITY OF TORONTO: SUPPORTING THE CITY'S PRIORITIES



INNOVATION AND TALENT



HOUSING



HEALTHY COMMUNITIES



SUSTAINABILITY



Capital investments
of more than \$4.5 billion
over the next decade:

- $\frac{1}{4}$ university residential
- $\frac{1}{2}$ academic
- $\frac{1}{4}$ innovation spaces



INNOVATION AND TALENT: SCHWARTZ REISMAN INNOVATION CENTRE



- Canadian innovation hub advancing AI, biomedicine and other technologies
- \$100-million donation from Heather Reisman and Gerry Schwartz, the largest gift to the Canadian innovation sector
- Schwartz Reisman Institute for Technology and Society will research social implications



HOUSING: STUDENT/FACULTY/STAFF



UTSC Student Residence

UTSC Student Residence

- 747 student spaces to support housing supply in the community; will consume up to 90 per cent less heating and cooling energy

Spadina/Sussex

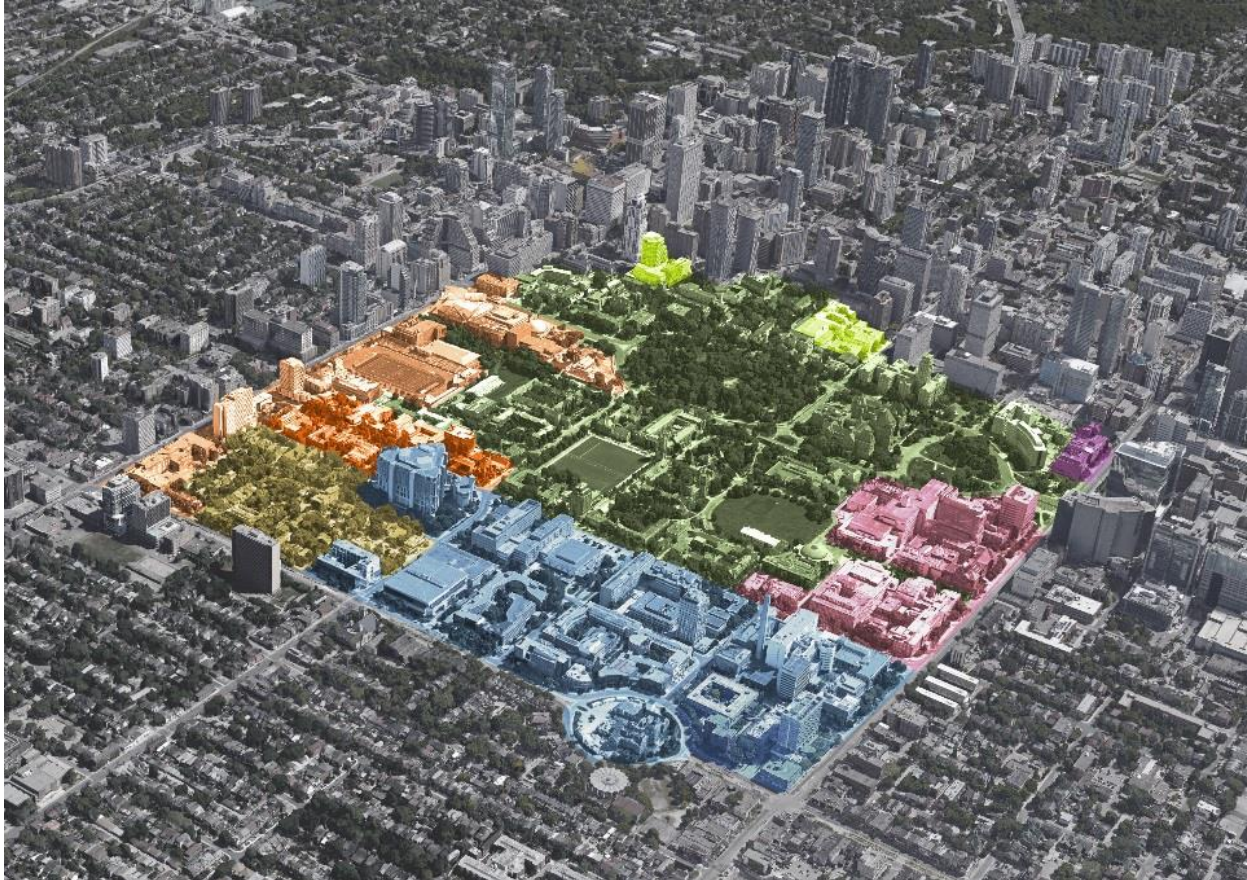
- 518 spaces; includes community green space, a geothermal energy system and heritage conservation

St. George Graduate Residence

- 200 spaces for graduate students; ground level open and inviting to community



HEALTHY COMMUNITIES: PRINCIPLES



St. George Campus

- Provide flexibility for University to grow and adapt
- Promote civic engagement, public realm and sustainable building
- Conserve our heritage
- Leverage UTSC's role as a unique hub in the eastern GTA
- Prioritize pedestrian and cyclist safety



HEALTHY COMMUNITIES: PUBLIC REALM



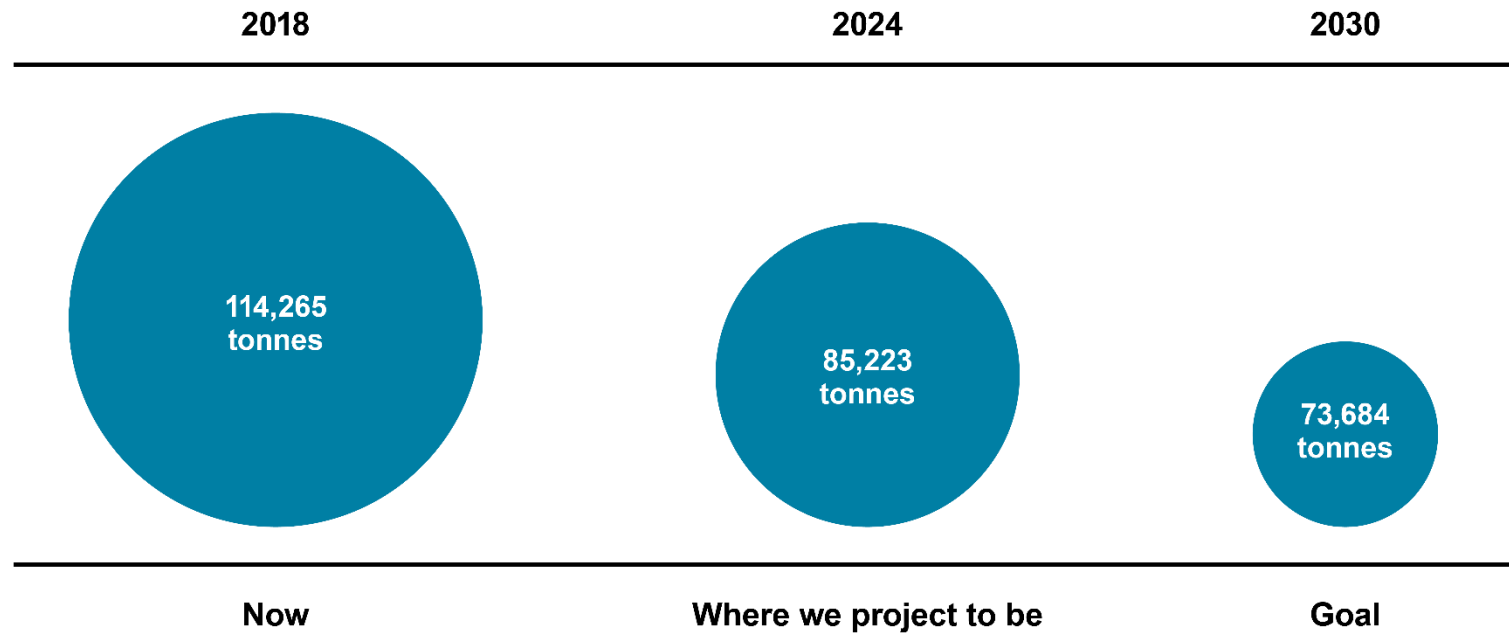
The Landmark Project

- Major public realm project
- Canada's largest urban geexchange system, saving 15K tonnes of greenhouse gas emissions
- Removes cars from King's College Circle and prioritizes pedestrians



SUSTAINABILITY: U OF T'S LOW-CARBON ACTION PLAN

Reducing our footprint



- Reducing greenhouse gas emissions by 37 per cent from 1990 levels by 2030, helping the City meet TransformTO target
- King's College Circle geoexchange represents more than 25 per cent of reduction target
- Partnering with the City of Toronto on Green Will Initiative, aligned with C40 Cities Climate Leadership Group

CITY OF TORONTO + U OF T: POWERING A WORLD-CLASS CITY

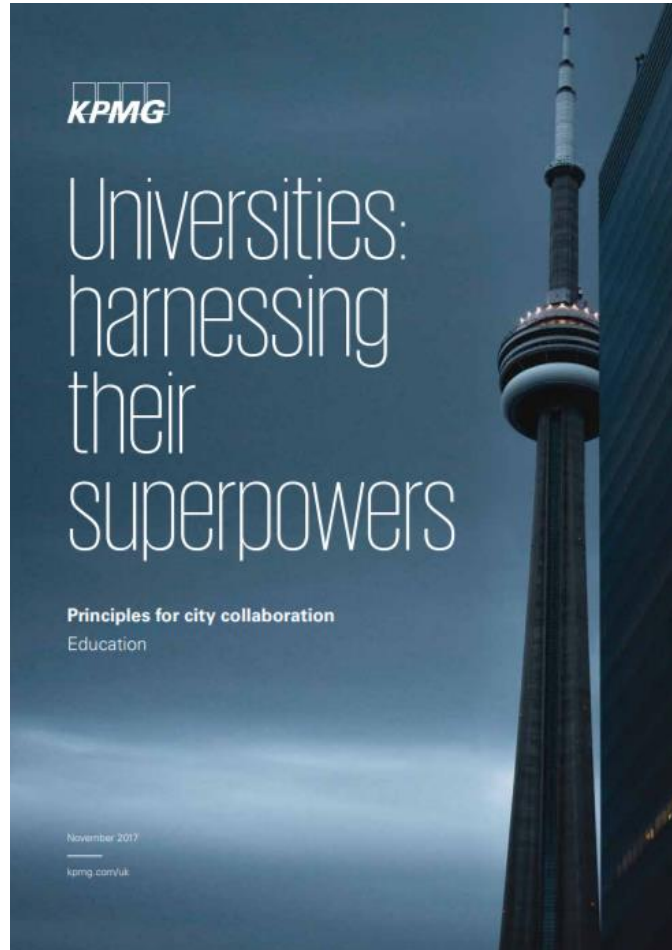
“Toronto is the engine of growth in Ontario and Canada and must remain strong economically and socially... Our role is not to fight the future. It is to be the future.”

– Toronto Mayor John Tory

“A strong university helps build a strong city and the reverse is also true: a strong city helps build a strong university.”

– U of T President Meric Gertler

CITY OF TORONTO + U OF T: POWERING A WORLD-CLASS CITY



KPMG UK recognized the “Toronto model”:

- The campus is the city's ideas and solutions machine
- Universities are ‘anchor tenants’ engaged with cities to shape the future
- Skilled graduates produced by universities build world-class cities
- Successful cities and universities are showing leadership in tackling major societal challenges

“Universities: Harnessing their superpowers,” KPMG UK (November 2017)

A STRONG FUTURE: THE NEXT CLUSTERS



Artificial Intelligence

- Leveraged \$170M government investment, bringing international companies and next-generation AI jobs to Toronto
- Canada's primary AI hub, #1 North American city for tech job growth



Cleantech + Renewable Energy

- 500+ associated researchers and faculty members, more than 125 cleantech and renewable energy patents in the past five years



Advanced Manufacturing

- Collaborations with 250+ organizations and companies including Ford, GM and Samsung



Health Care

- Partnerships with nine of Toronto's world-class hospitals have created global hub for regenerative and precision medicine research and commercialization



Fintech + Cybersecurity

- \$301M in fintech-related research funding and 110 startups in the last 10 years; 661 faculty members



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TORONTO

