



Toronto Diversity of innovation

City data report 2021

OVERVIEW

Toronto has the fastest-growing technology ecosystem in North America and a global reputation as a center of innovation excellence.

DIGITALIZATION READINESS

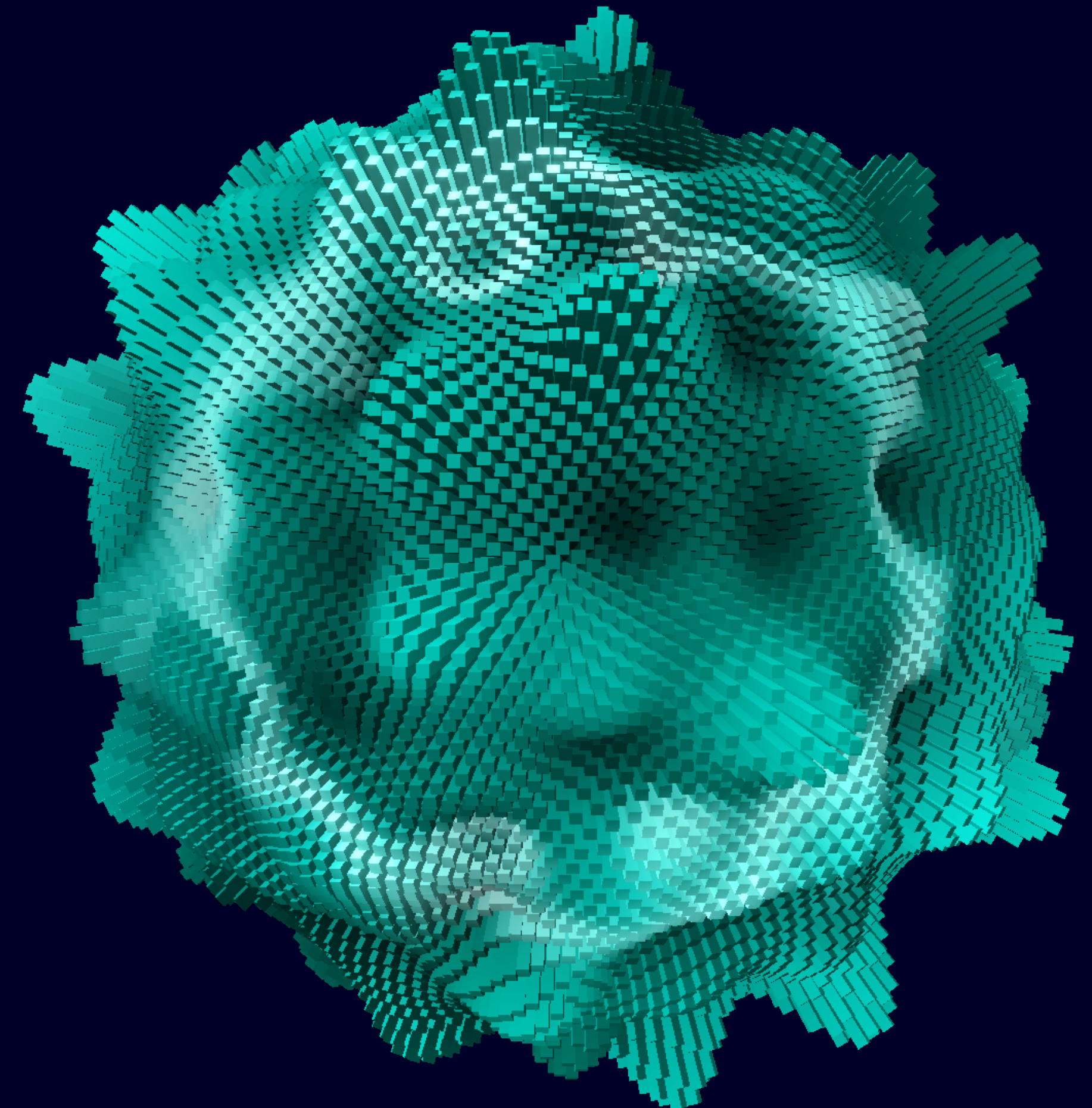
7/10

Toronto has reaped the benefits of nurturing innovation through its commercial support ecosystem that attracts leading international talent.

DIGITALIZATION POTENTIAL

3/10

As the fourth largest city in North America, Toronto is evolving its critical infrastructure to support a fast-growing population and economy.

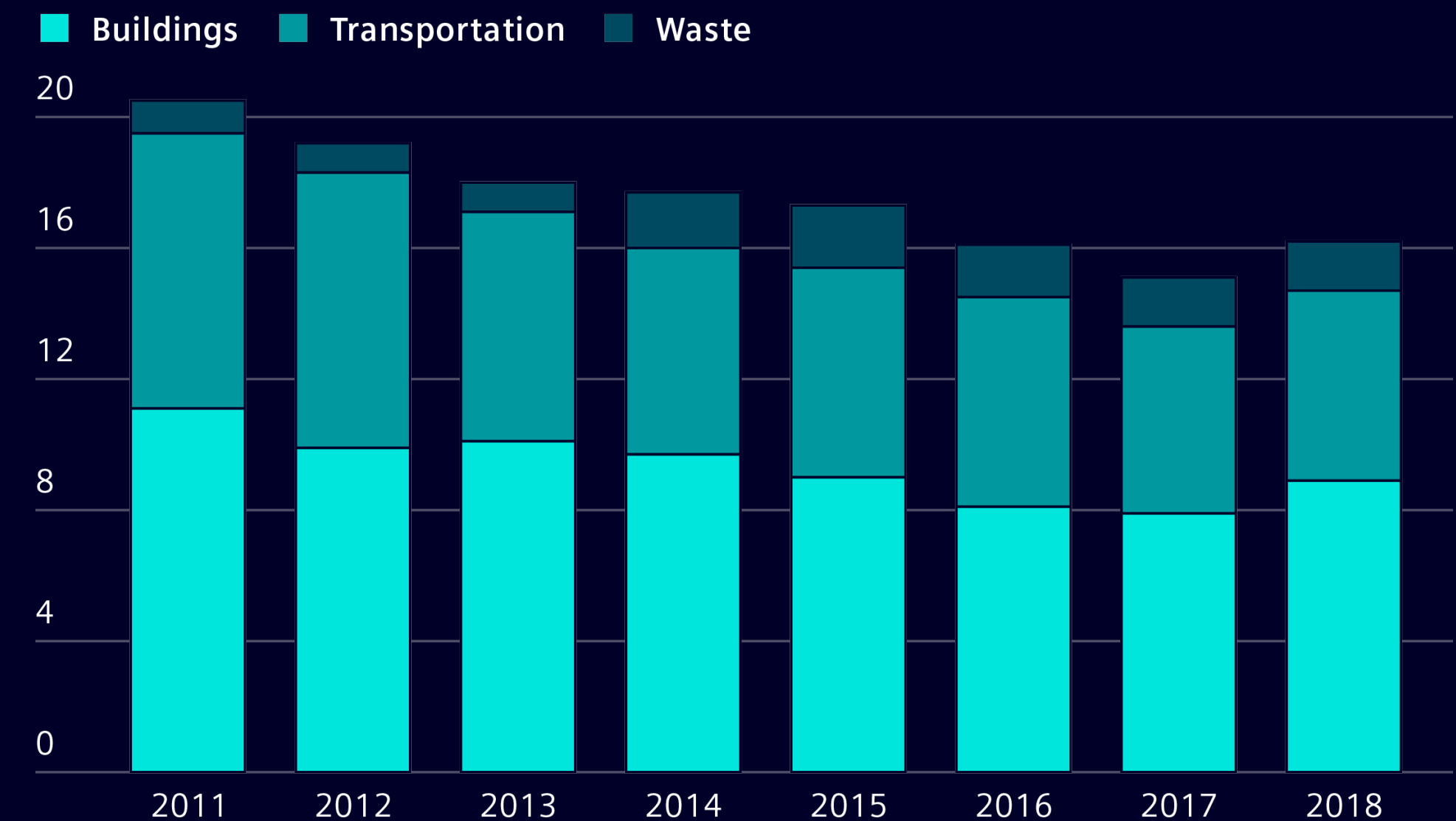


SUSTAINABILITY

Subterranean sustainability

The nearby Durham College benefits from a **Geothermal Field and Energy Innovation Center** that harnesses 1.9 megawatts of power to heat and cool a large building on its Oshawa campus. Built with the assistance of Siemens, this active energy storage system uses 150 boreholes to gather geothermal heat, and provides large-scale seasonal storage to fuel energy demands. This exciting project is also a 'living lab' that gives students a unique opportunity to see renewable energy technology in action.

Toronto's greenhouse gas emissions, megatonnes



Source: Toronto Greenhouse Gas Emissions Inventory, 2018

MOBILITY

Extensive subway improvement

Toronto is undertaking a huge mobility investment as part of Ontario’s \$22 billion transportation infrastructure project. This includes \$8.6 billion of federal funding to support four projects that will greatly expand the city’s subway system.

The new 15.6-kilometer Ontario Line is the largest subway expansion in Canadian history and is scheduled for completion in 2030. Meanwhile, the 9.2-kilometer Eglinton Crosstown West extension will reduce journey times and enhance access throughout Greater Toronto. Once all four projects are complete, the city will benefit from a world-leading subway that can keep pace with its growing population and economy.

The planned Ontario Line



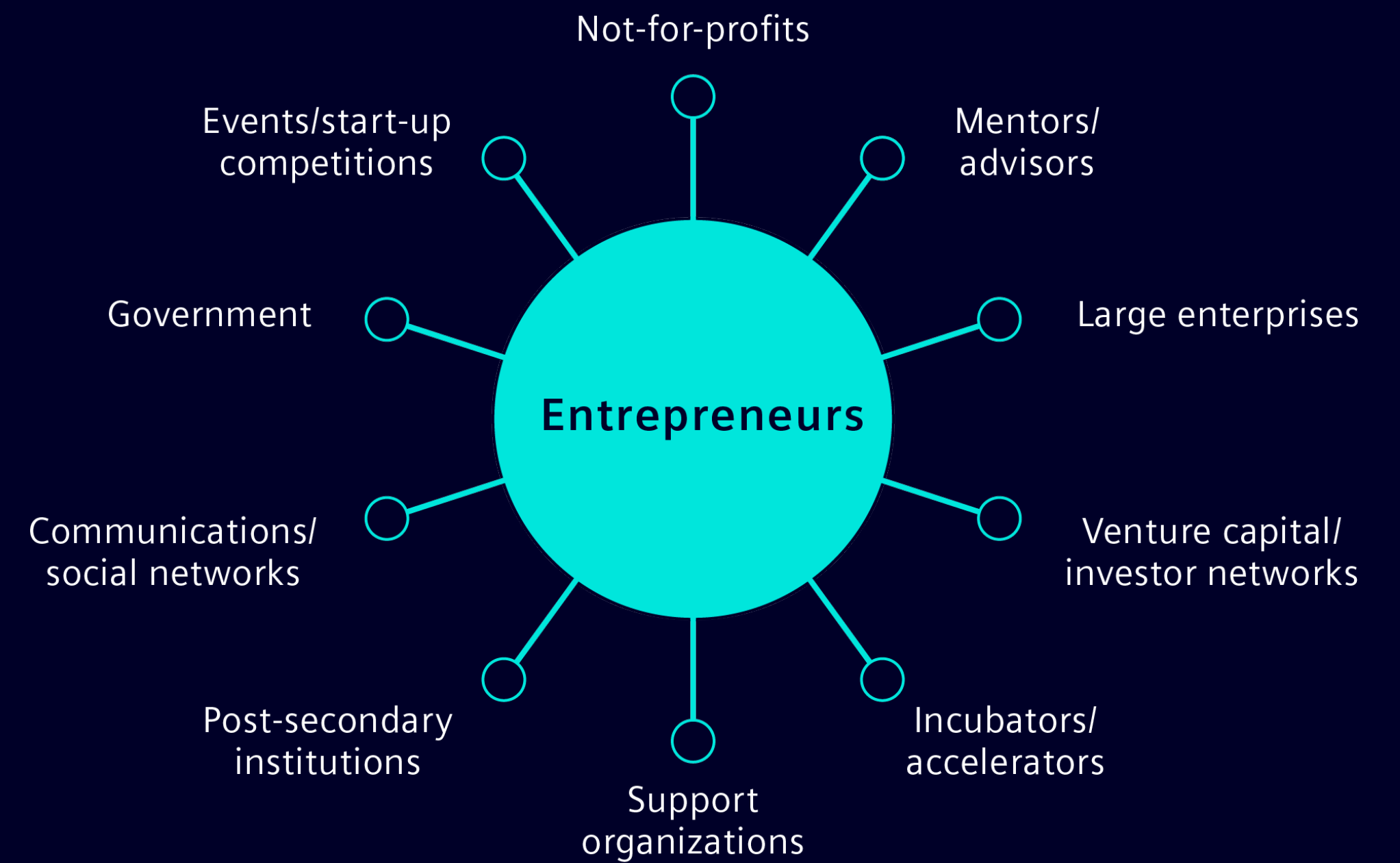
Source: Infrastructure Ontario

OPPORTUNITY

Built for innovation

The **MaRS Discovery District** provides a vast range of funding and support for businesses in health, cleantech, fintech, and enterprise solutions. The **Creative Destruction Lab** provides mentorship, fundraising opportunities, and business development support for science and technology-based companies. Ryerson University's **DMZ** was ranked the number one university-based technology incubator in the world by UBI Global.

Toronto's start-up ecosystem



Source: **Source: City of Toronto Start-up Strategy**

THE ATLAS OF DIGITALIZATION



For more information about Toronto, please contact:

Zaheer Muhammad

Director Strategic Business Development
Siemens Canada Limited

muhammadzaheer@siemens.com

SIEMENS



**EXPO
2020
DUBAI
UAE**

Visit: [siemens.com/atlas](https://www.siemens.com/atlas)