

iCity-CATTS 3rd Annual Research Day

June 3rd 2020

Prof. Baher Abdulhai, Co-Director
Prof. Amer Shalaby, Co-Director
Prof. Eric Miller, UTTRI Director
Prof. Marianne Hatzopoulou,
Prof. Khandker Nurul Habib,
Prof. Matthew Roorda,
UTTRI Staff, Research Associates & Graduate Students



UNIVERSITY OF TORONTO
FACULTY OF APPLIED SCIENCE & ENGINEERING
Transportation Research Institute

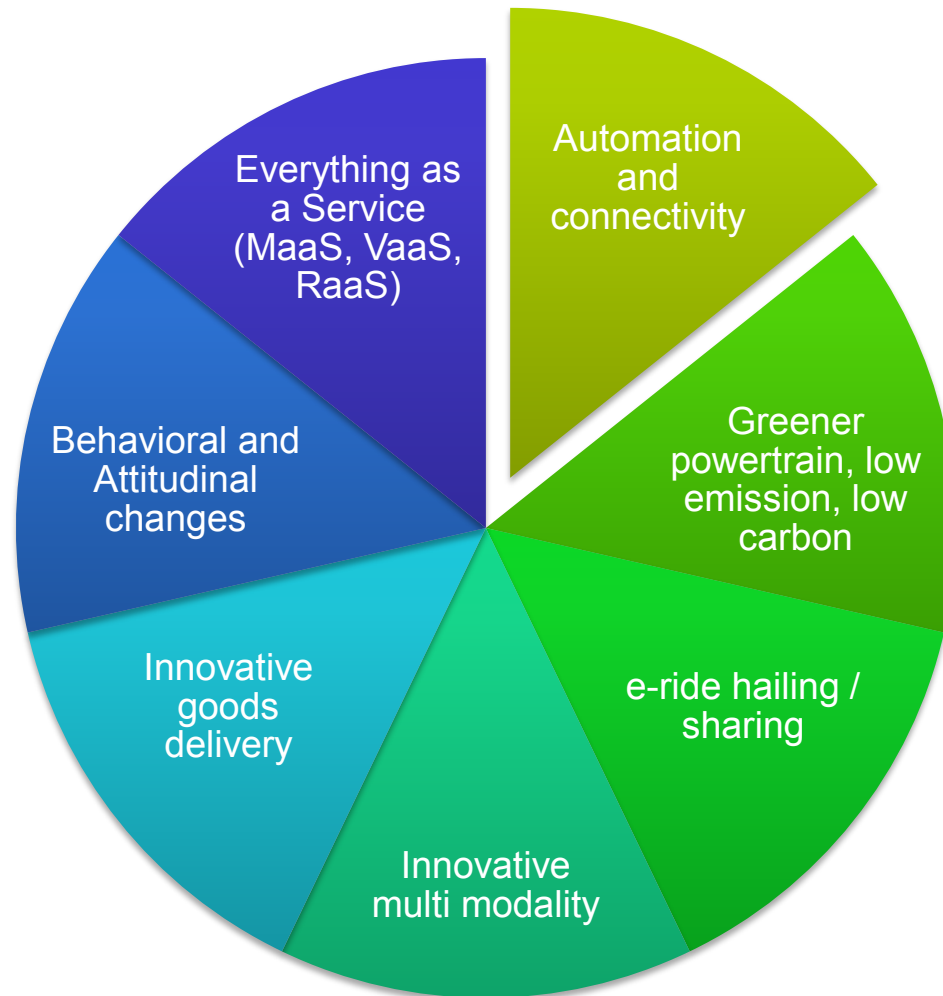
UTTRI

Transformative Transportation?

- “A **new transportation system** emerges from a groundswell of market-driven innovation in **technology, service provisioning** and ***social organization***, with **government** providing **frameworks** and **platforms** for bottom-up change”



Causes of Disruption and Transformation



iCity-CATTS:

The Initiative

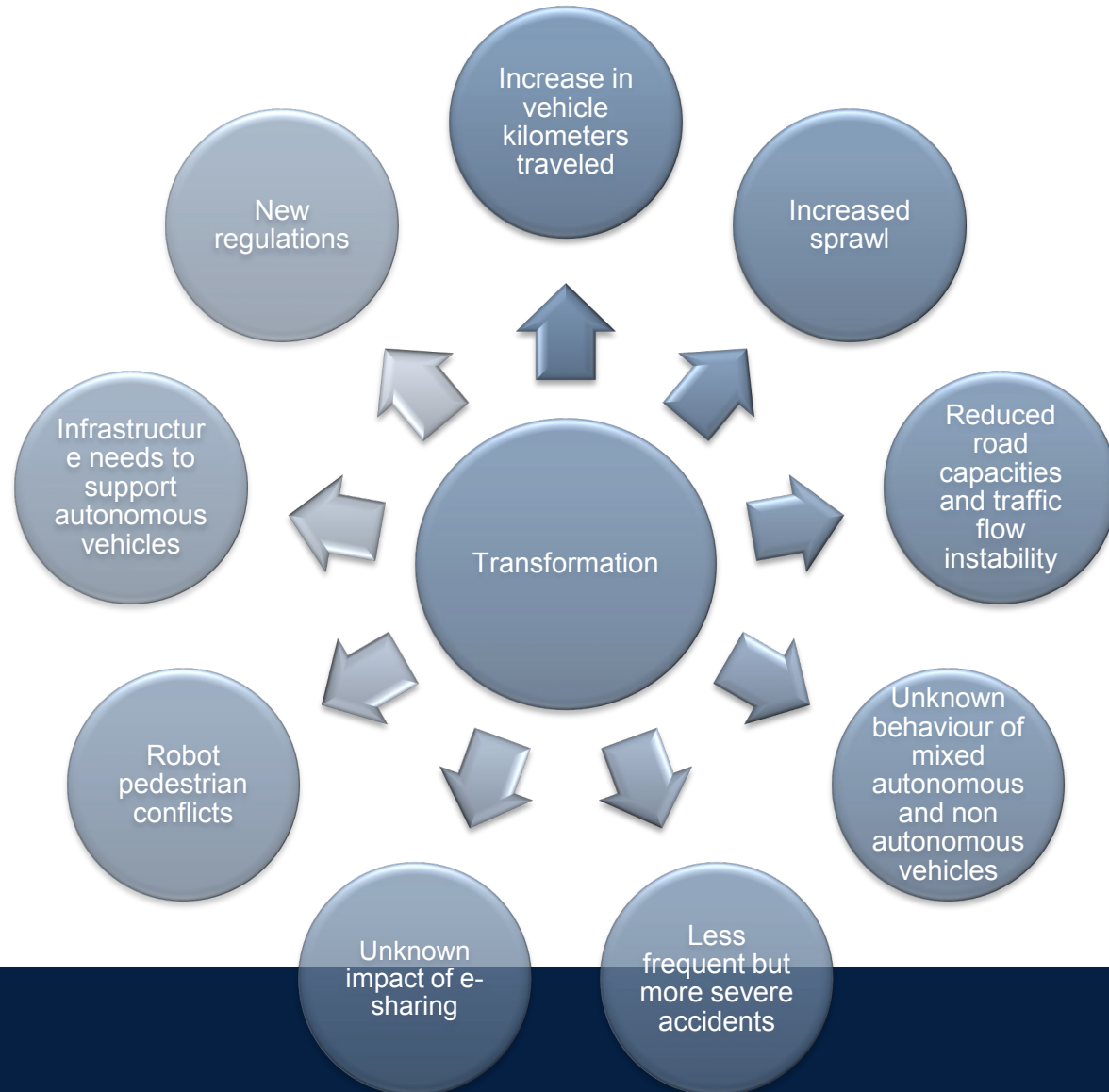
- July 1st, 2017: UofT Launched The Centre for Automated and Transformative Transportation Systems (CATTS),
- Not about automating a car but about a million of these on the road!



Automated and Transformative Transportation: Opportunities to Harness and Expand



Automated and Transformative Transportation: Risks, Unknowns and Unintended Effects



iCity-CATTS:
Purpose

- Centre for:
 - Quantifying transformation
 - Enabling positive transformation
 - Sustaining cities under transformation

Agenda

