

# Elementary / High School Outreach Summary

Prepared for: MTO-ACEC-O Succession Management  
Sub-committee

# Purpose

- Looked at major organizations including PEO, PEGO, OPSE, and a handful of Universities
- Broad overview of current outreach methods
- Not meant to be an exhaustive overview of every organization and outreach strategy

# Key Organizations

## Actua

- Canada's largest STEM outreach organization – reaches over 500,000 youth annually
- National network partnered with over 40 Universities and Colleges to deliver various STEM outreach programs

## Engineers Canada

- National organization aimed at upholding the interests and integrity of the engineering profession
- Hosts National Engineering Month (NEM) – largest celebration of engineering in Canada

## TAC Foundation

- Registered charity operating independently from TAC
- Aims to address the shortage of skilled individuals for planning, design, and maintenance of transportation infrastructure

# Outreach Methods



## Summer Camps

Ex. Engineering Science Quest –  
Actua/University of Waterloo



## Workshops

Ex. Maker Mobile Workshops –  
Actua/uOttawa



## Events/Competitions

Ex. Future City Competition –  
Engineers Canada/DiscoverE

# Conclusions

- In-person experiences are the most effective outreach methods
- There are many organizations in Ontario conducting STEM outreach... BUT
  - Notable lack of events specific to careers in Transportation
  - Organizations do not have any unified method of conducting outreach