

# Cross-Border Collaboration

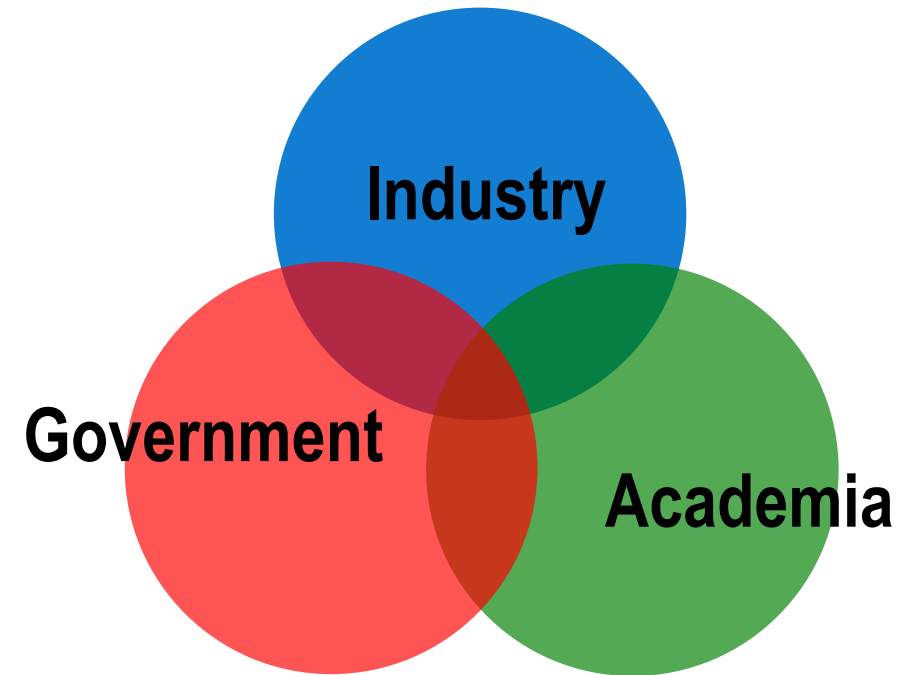


## Driving Regional Competitiveness in Advanced Mobility

*February 2017*

# Collaboration is key

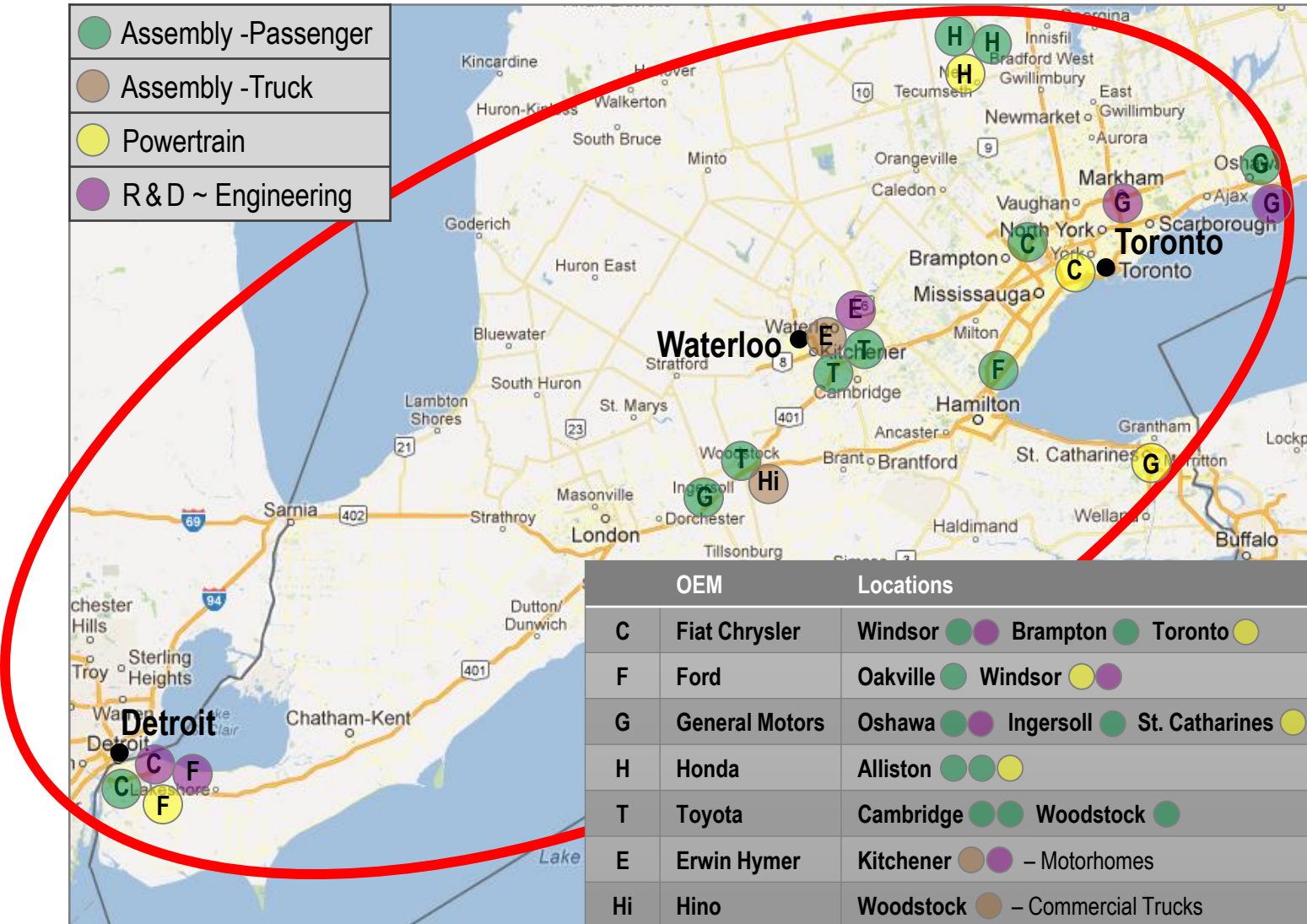
- Industry
  - Automotive
  - Information Technology
- Government
  - National
  - Michigan – Ontario
- Academia
  - Universities & Colleges



# Ontario Automotive

- Automotive**
- 250 mile / 415 km corridor
  - 700+ supplier companies
  - 12 assembly lines
  - 4 powertrain facilities
  - 5 R&D centres

<span style="color: green;">●</span>	Assembly -Passenger
<span style="color: brown;">●</span>	Assembly -Truck
<span style="color: yellow;">●</span>	Powertrain
<span style="color: purple;">●</span>	R&D ~ Engineering



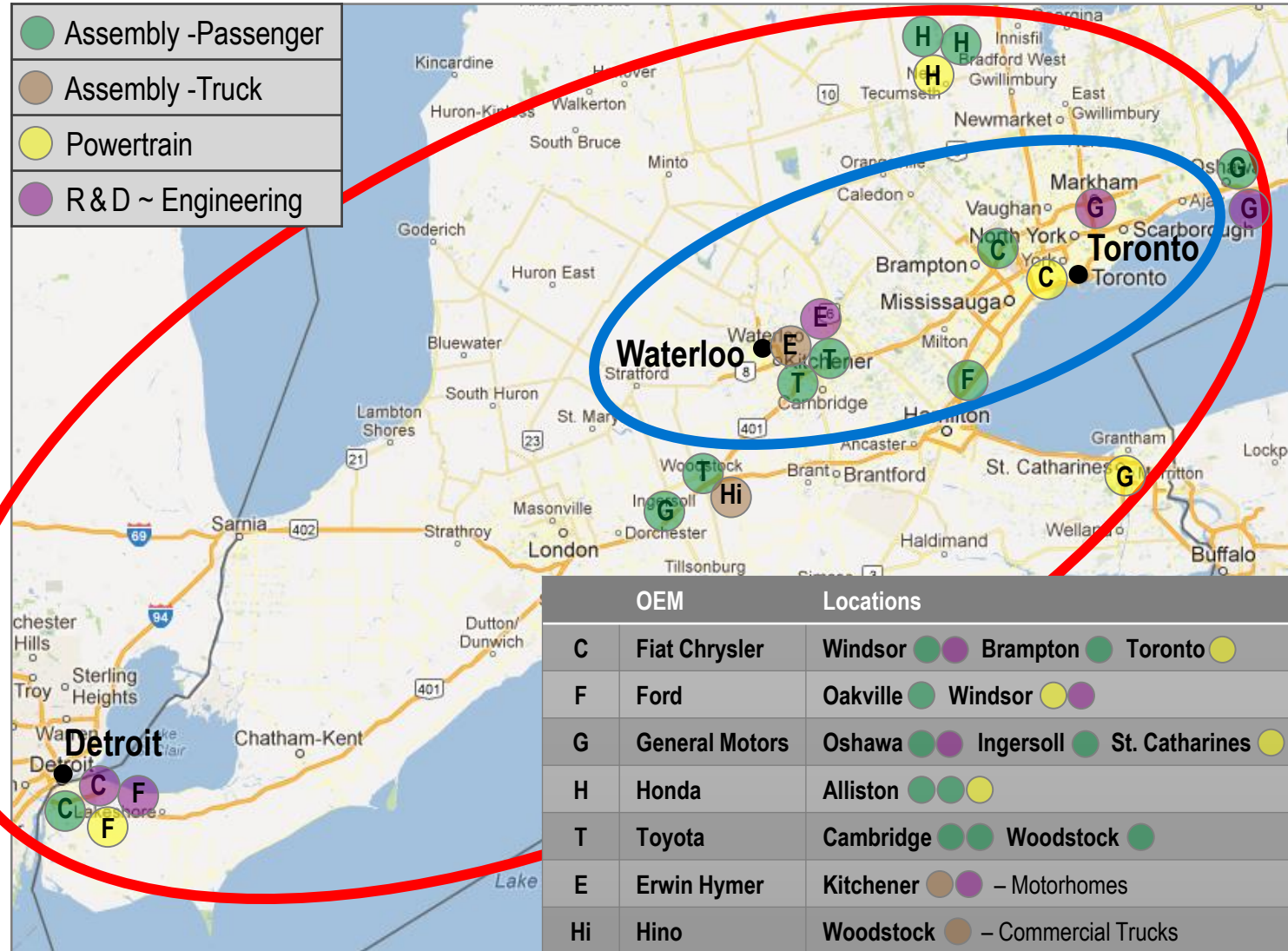
# Ontario Automotive & Technology Clusters

## Automotive














- 250 mile / 415 km corridor
- 700+ supplier companies
- 12 assembly lines
- 4 powertrain facilities
- 5 R&D centres

## Information Technology

- 70 mile / 110 km innovation corridor
- 150 languages spoken
- Over 15,000 tech companies, including 5,200 start-ups



# Collaboration: Assembler Engagement

Fiat Chrysler			
Ford			
General Motors			
Honda			
Toyota			

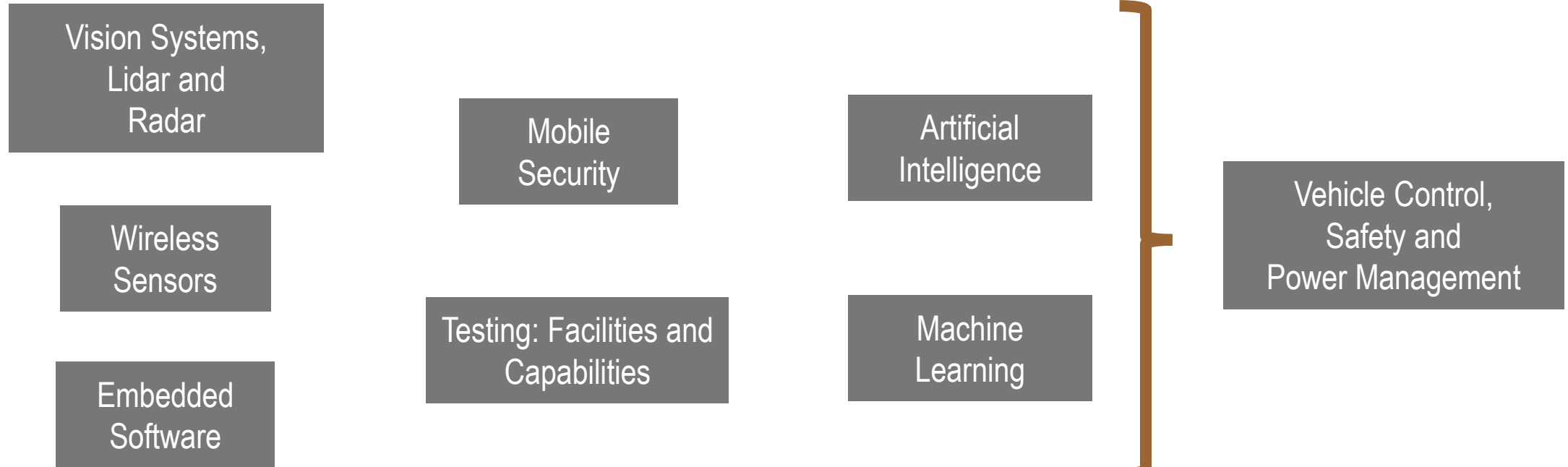


# Industry Driven Collaboration



*APMA Connected Demonstrator*  
*Lexus RX350 SUV*

# Pathway to fully Autonomous



# On-road Autonomous Testing



*uWaterloo Autonomous Research Platform*  
*Lincoln MKZ Hybrid*





# 2017 ITS World Congress

October 29<sup>th</sup> – November 2<sup>nd</sup>

# Montréal



# Cross-Border Collaboration



## Driving Regional Competitiveness in Advanced Mobility

Ross McKenzie Managing Director

University of Waterloo Centre for Automotive Research (WatCAR)

519-888-4032 [ross.mckenzie@uwaterloo.ca](mailto:ross.mckenzie@uwaterloo.ca)