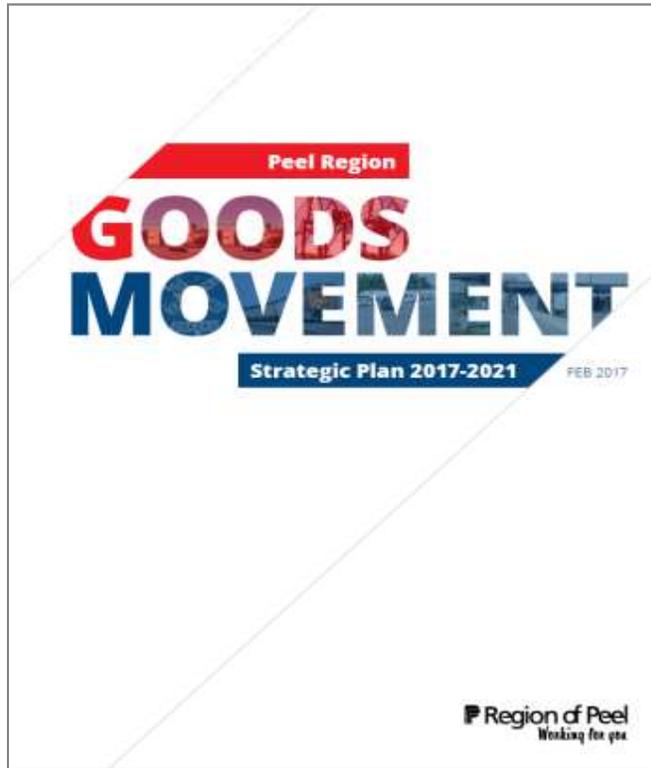


The Region of Peel - Goods Movement Program Update



Presentation by:

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Region of Peel

University of Toronto Freight Day

Wednesday, March 1, 2017

Peel Goods Movement >>

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Overview of Presentation

- **Brief overview of Long Range Transportation Master Plan**
- **Goods Movement Strategic Plan (2017-2022)**
- **Brief Updates on Key Action Items**
- **Next Steps**

Long Range Transportation Master Plan

- Currently updating Peel's Long Range Transportation Master Plan for the horizon year 2041
- Follows the master planning process under EA and Planning Act
- Public consultation is an essential component!



L RTP Scope of Work

Safety



Growth Management

Mississauga City Centre, 1975



Mississauga City Centre, 2015



Sustainable Transportation



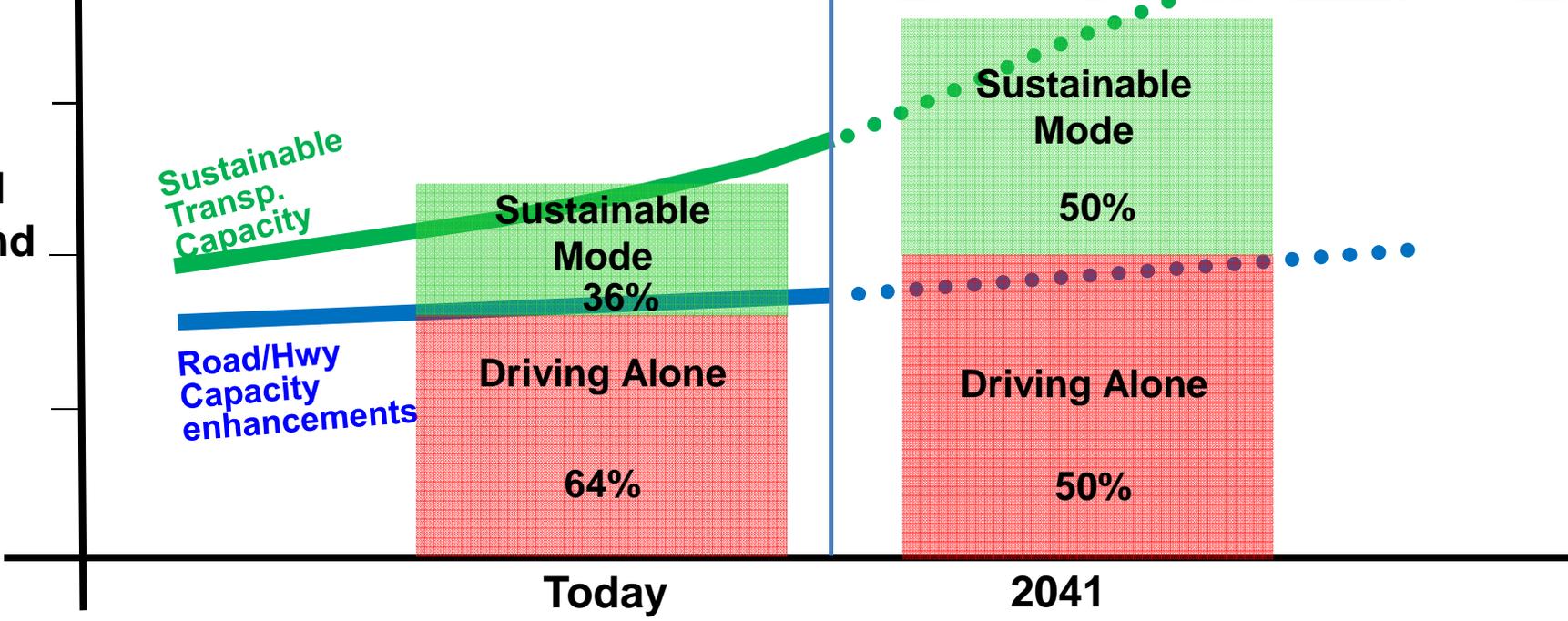
Goods Movement



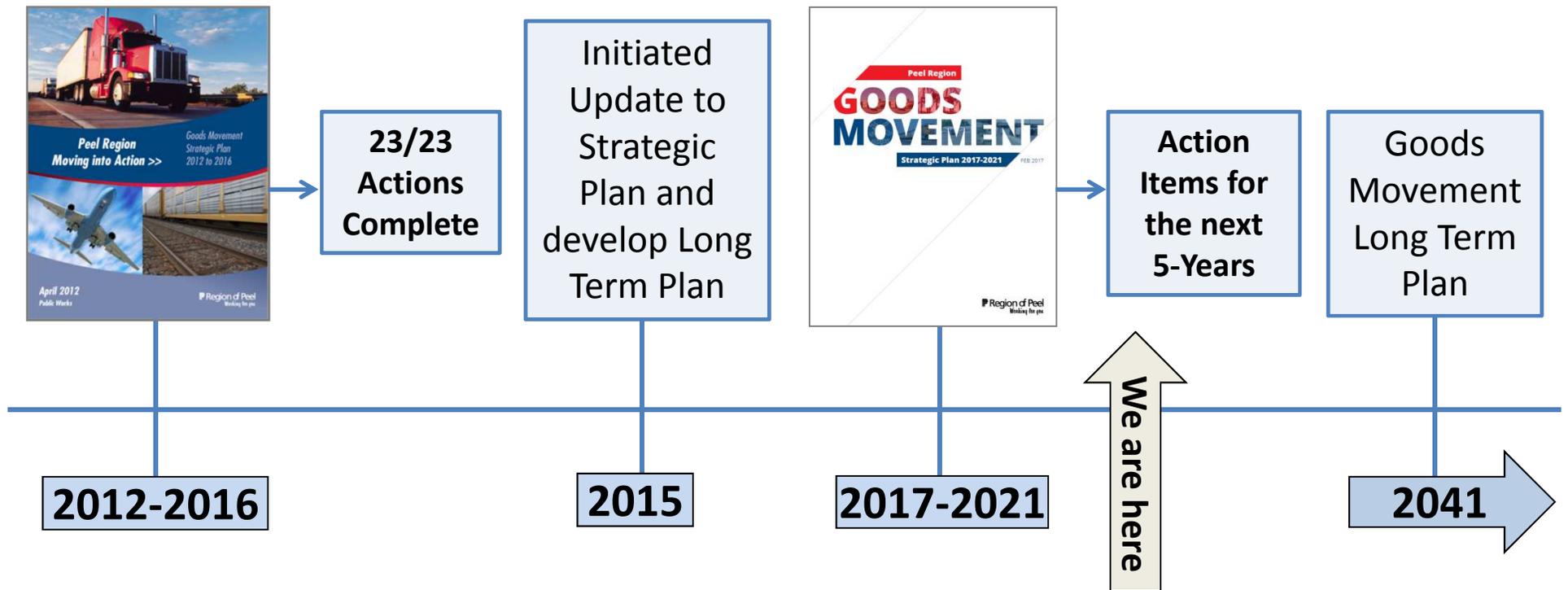
Accommodate Future Growth



Travel Demand
Person Trips

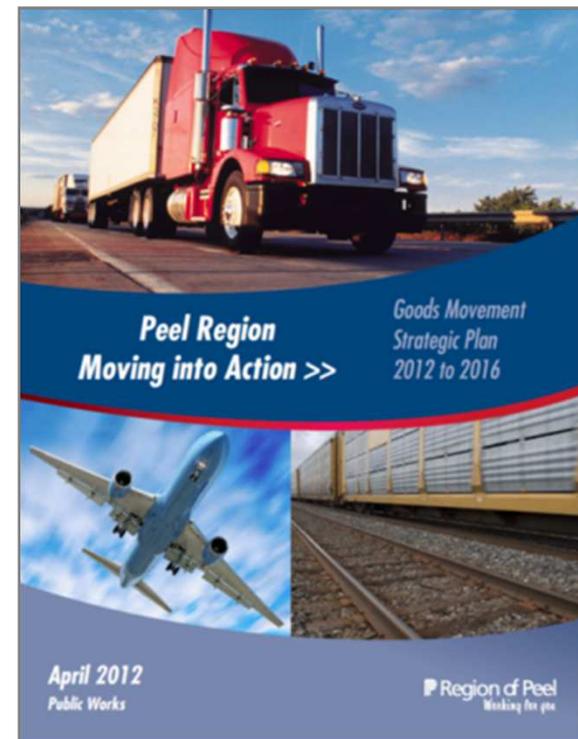
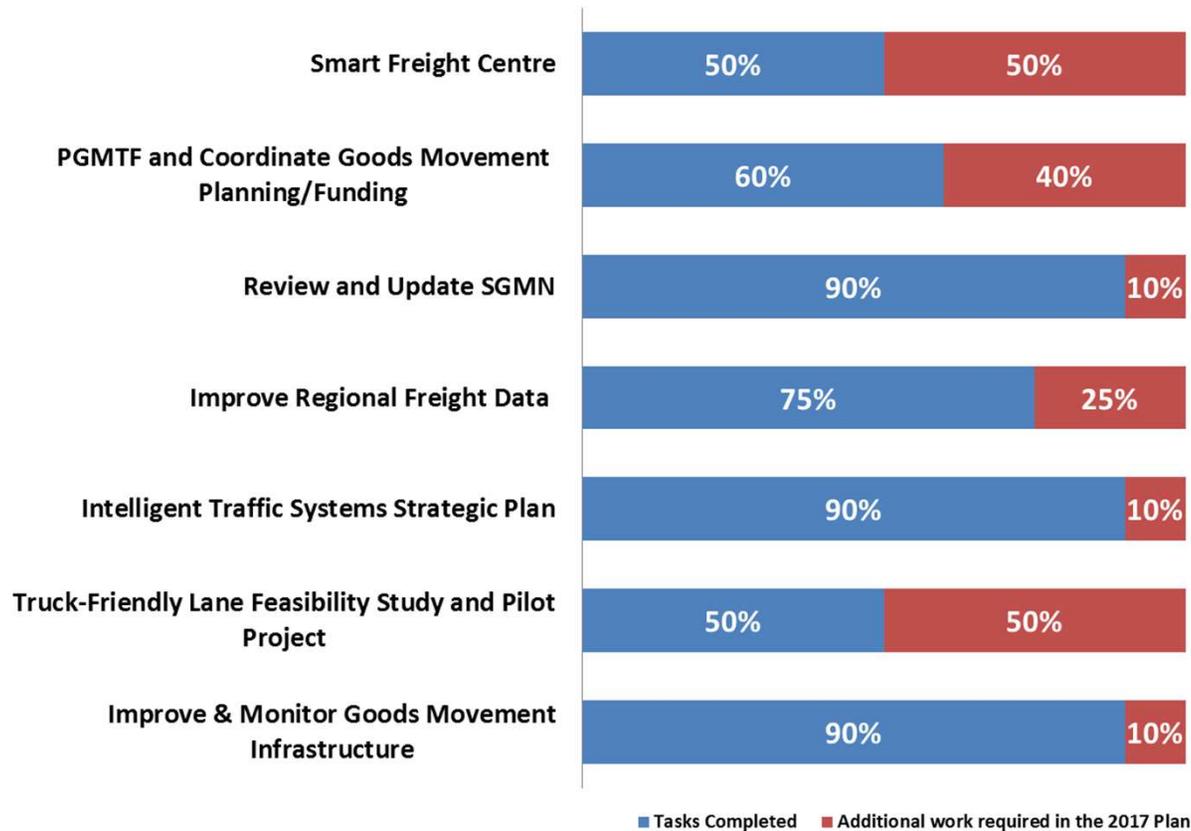


Peel Goods Movement Strategic Plan: Where are we now?



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Peel Goods Movement Strategic Plan: Completion of the 2012-2016 Plan



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Peel Goods Movement Strategic Plan: What has changed since 2012?

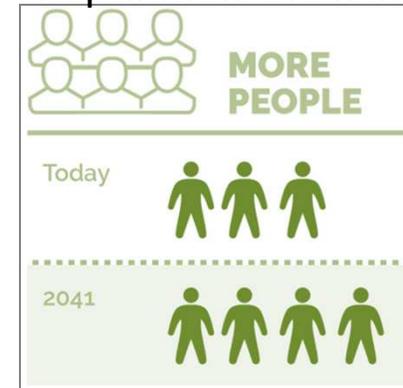
Climate Change



Development



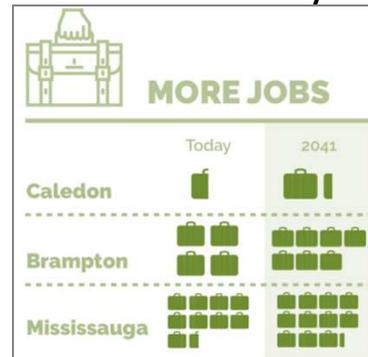
Population Growth



Road Capacity



Jobs & Economy



Technology



Peel Goods Movement Strategic Plan: What has changed since 2012?

Our STRATEGIC PLAN at a Glance



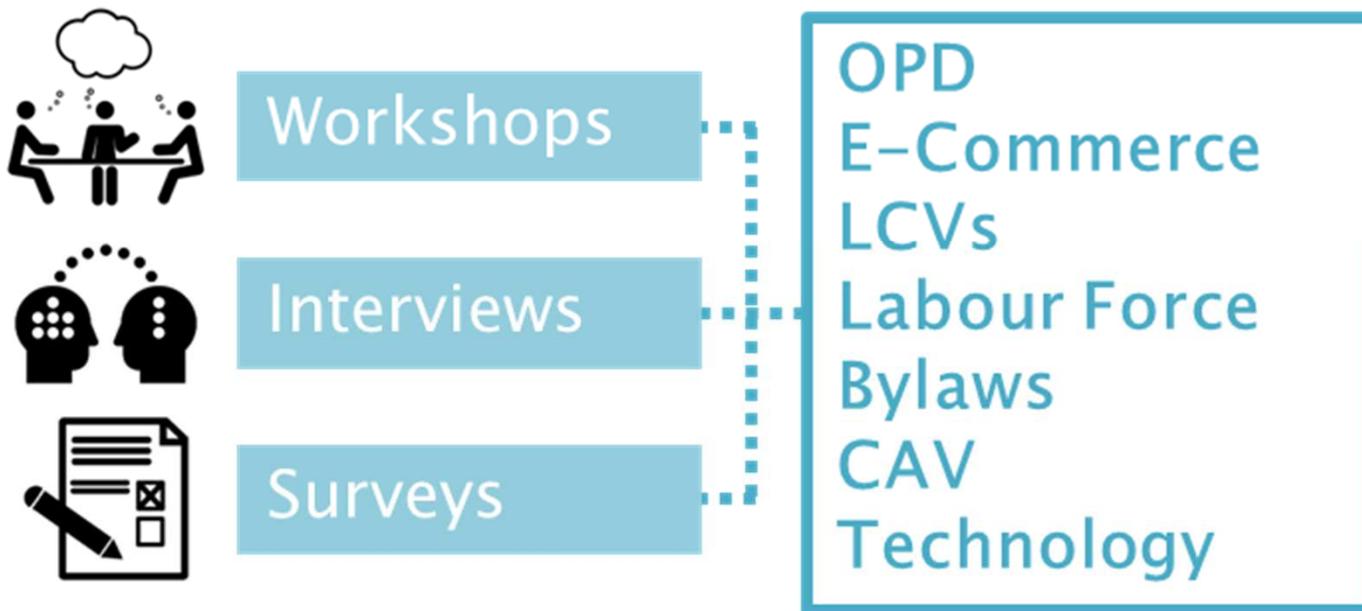
- Outcomes, solutions, and implementation focused.
- We will *“Improve goods movement by reducing travel time during peak periods on key goods movement corridors”*
- Specific tasks we are committed to undertaking by end of 2018:

- **Improvements to signal timings on key goods movement corridors**
- **Permanent count stations**
- **Off-Peak Deliveries Pilot**
- **Long Combination Vehicle program support**
- **Smart Freight Centre Development**

Peel Goods Movement >>

Peel Goods Movement Strategic Plan: What we learned:

WHAT WE LEARNED



Peel Goods Movement Strategic Plan: Vision & Goals

Vision

Our vision is for Peel to have a safe, convenient, efficient, multi-modal, sustainable and integrated goods movement transportation system that supports a vibrant economy, respects the natural and urban environment, meets the diverse needs of industries and residents and contributes to a higher quality of life.

Goals



Community & Environmental Sustainability



Safety



Economic Competitiveness



Innovation & Technology



System Performance



Performance Management

Peel Goods Movement >>

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Peel Goods Movement Strategic Plan: Action Items

#	Action Item
1	Goods Movement and Logistics Planning Coordination
2	Foster Industry Innovation Through a CAV Corridor Pilot Project
3	Increase Capacity with Convenient and Feasible OPD
4	Adapt to Advancements in the E-Commerce Shift
5	Expand and Encourage the Use of LCVs
6	Understand and Manage Aggregate Movements and its Impact on Communities
7	Mainstream Goods Movement Transportation Through Education and Integration
8	Pursue Alternative Fuels and Fuel Efficiency Initiatives as a Competitive Advantage for Goods Movement in Peel
9	Demonstrate and Advance Peel's National Role and Importance in Freight Fluidity

Peel Goods Movement Strategic Plan: Action Items

1	Strategic Direction: Planning & Forecasting
Action Item	Goods Movement and Logistics Planning Coordination
Description of Work	The work to complete this action item would include: <ul style="list-style-type: none">▪ Assess the Feasibility of Alternative Economic Districts▪ Cross-Municipal Economic Development Partnerships▪ Identify Strategic Locations for Goods Movement▪ Develop a Freight Planning Guide

Peel Goods Movement Strategic Plan: Action Items

2	Strategic Direction: Planning & Forecasting
Action Item	Foster Industry Innovation Through a CAV Corridor Pilot Project
Description of Work	<p>This action item is for the implementation of a CAV pilot corridor. The specific tasks to complete this action are modeled on Florida Department of Transportation's AV pilot projects and include:</p> <ul style="list-style-type: none">• Identify a Pilot Corridor• CAV Technology Deployment• Install CV Infrastructure

Peel Goods Movement Strategic Plan: Action Items

3	Strategic Direction: Planning & Forecasting
Action Item	Increase Capacity with Convenient and Feasible OPD
Description of Work	<p>This action item is for the development of an OPD pilot district. Considerations for a first OPD pilot district include: The Hurontario Corridor that is being planned for Light Rail Transit in 2018 and the Airport Operating Area due to the significant number of goods movement related businesses. Specific tasks include:</p> <ul style="list-style-type: none">• Identify the OPD District• Measure Market Interests:• Communication Plans• Implementation Plan• Data Collection/Analysis for network roll-out

Peel Goods Movement Strategic Plan: Action Items

4	Strategic Direction: Planning & Forecasting
Action Item	Adapt to Advancements in the E-Commerce Shift
Description of Work	<p>This action item is for a study of e-commerce will help Peel adapt to this retail shift and its impact on the road networks. The study will examine:</p> <ul style="list-style-type: none">• Changes to Freight Demand and network• Distribution Concepts• Community Impacts• Future Outlook

Peel Goods Movement Strategic Plan: Action Items

5	Strategic Direction: Planning & Forecasting
Action Item	Expand and Encourage the Use of LCVs
Description of Work	<p>This action item is to conduct research and advocate for the expansion for the LCV program and its use. Specific tasks for this outcome include:</p> <ul style="list-style-type: none">• Support Participation of LCV Program• Drop Yard Review• Future Outlook• Stakeholder Outreach

Peel Goods Movement Strategic Plan: Action Items

7	Strategic Direction: Partnership/ Communication/ Advocacy
Action Item	Mainstream Goods Movement Transportation Through Education and Integration
Description of Work	<p>Mainstreaming goods movement is a package of strategies that provide constant and reinforced information related to goods movement including:</p> <ul style="list-style-type: none">• Education and Outreach – schools and events• Training – partnership with SFC• Promotion of Peel as an economic goods movement hub

Peel Goods Movement Strategic Plan: Action Items

9	Strategic Direction: Partnership/ Communication/ Advocacy
Action Item	Demonstrate and Advance Peel's National Role and Importance in Freight Fluidity
Description of Work	<p>This action item demonstrates Peel Region's national role in freight fluidity, requiring the collection and analysis of truck data. The work to complete this task would include:</p> <ul style="list-style-type: none">▪ Collect GPS Probe Data▪ Analyze GPS Probe Data▪ Assess Key Supply Chain Performance▪ Advocate for Peel Infrastructure Funding▪ Work with Industry

Peel Goods Movement Strategic Plan: Action Item Timelines

	2017	2018	2019	2020	2021
New Action Item	<ul style="list-style-type: none"> Off-Peak Delivery Pilot Expand LCV Use 	<ul style="list-style-type: none"> E-commerce Strategy Fuel Efficiency Strategies 	<ul style="list-style-type: none"> Aggregates Plan Local Freight Fluidity 	<ul style="list-style-type: none"> Mainstream Freight Education Goods Movement & Logistics Planning Coordination 	<ul style="list-style-type: none"> CAV Corridor Pilot
Ongoing Action Items	<ul style="list-style-type: none"> Improve and Monitor Goods Movement Infrastructure Implement Smart Freight Centre 	<ul style="list-style-type: none"> Review and Update SGMN Improve Regional Freight Data 	<ul style="list-style-type: none"> Implement Intelligent Traffic Systems Strategic Plan for Goods Movement 	<ul style="list-style-type: none"> Continue the Peel Goods Movement Task Force and Coordinate Goods Movement Planning and Funding 	<ul style="list-style-type: none"> Develop Truck-Friendly Lane Feasibility Study and Pilot Project

Peel Goods Movement Strategic Plan: Next Steps

- Task Force Endorsement
- Regional Council Approval: April 27, 2017
- Implementing the 2017 Actions:
 - LCVs
 - OPDs