

# Chartered Institute of Logistics and Transport

2018 Fall Outlook Conference

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# At the heart of a growing region



**Next 20 years**

**Ontario  
Population**

- 15.5 million

**GDP**

- \$1 trillion

**Air Service  
Demand**

- 110 million passengers
- 1.5 million tons cargo



# A mega hub airport to support growth



Today	2037
47 million passengers	85 million passengers
79% of global economy	80+% of global economy
6.3% of Ontario GDP (\$42B)	8.5% of Ontario GDP
332,000 jobs facilitated	700,000 jobs facilitated



**Rated #1  
large  
airport in  
North  
America**

**50% of  
Canada's  
air cargo**

**6% of  
Ontario's  
labour  
force**



# Mega Hub Airports of the World



Toronto Pearson





# The Challenge: Congestion



Toronto Pearson

In the Greater Toronto and Hamilton Area, congestion costs the economy about **\$6 billion per year.**







**1 MILLION**

**30%**

**6<sup>TH</sup>**

**Car trips  
per day**

**Average  
increase in  
drive time  
by 2043**

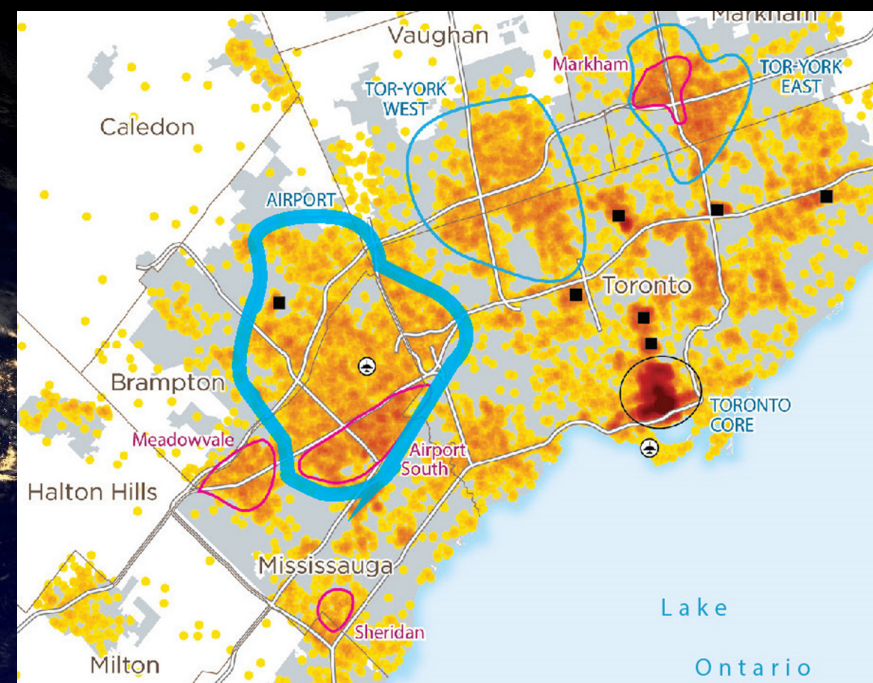
**Worst  
commute  
in the  
world**



# Key connections

## The Airport Employment Zone

- **2<sup>nd</sup> largest** employment zone in Canada
- **Fewer than 10%** of passengers and commuters use public transit



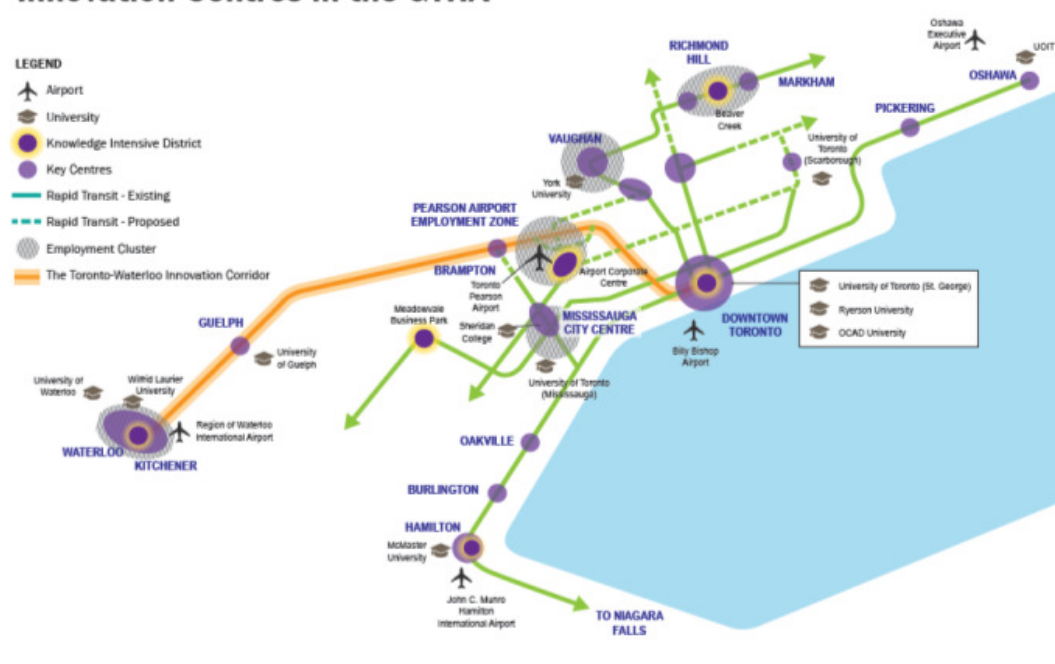


# Key connections

## Economic Zones

- Nearly **twice as many** commuters from the West GTHA travel along the northern part of the city, vs downtown
- **Over 60%** of transit trips across the Northern Arc require at least one connection
- Over 20% require **two or more**

### Pearson: Connecting Jobs and Innovation Centres in the GTHA



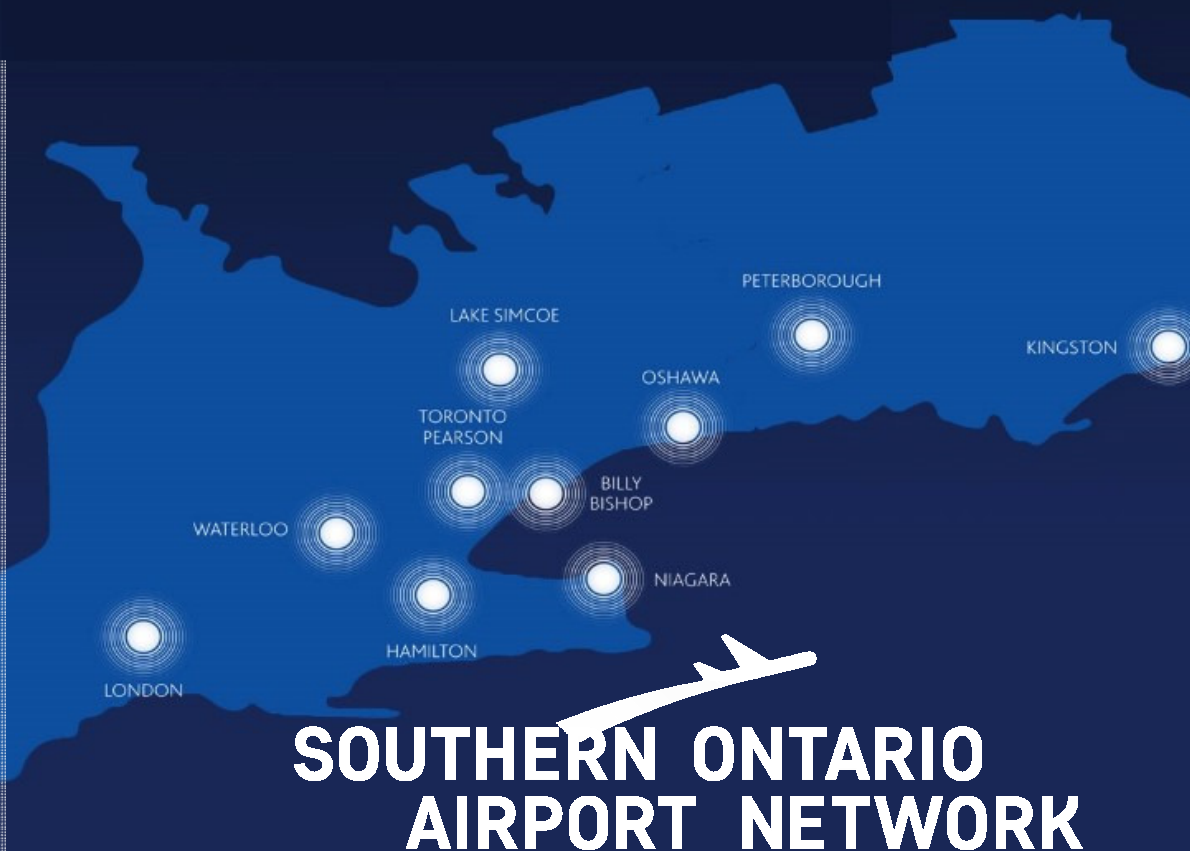


# Key connections



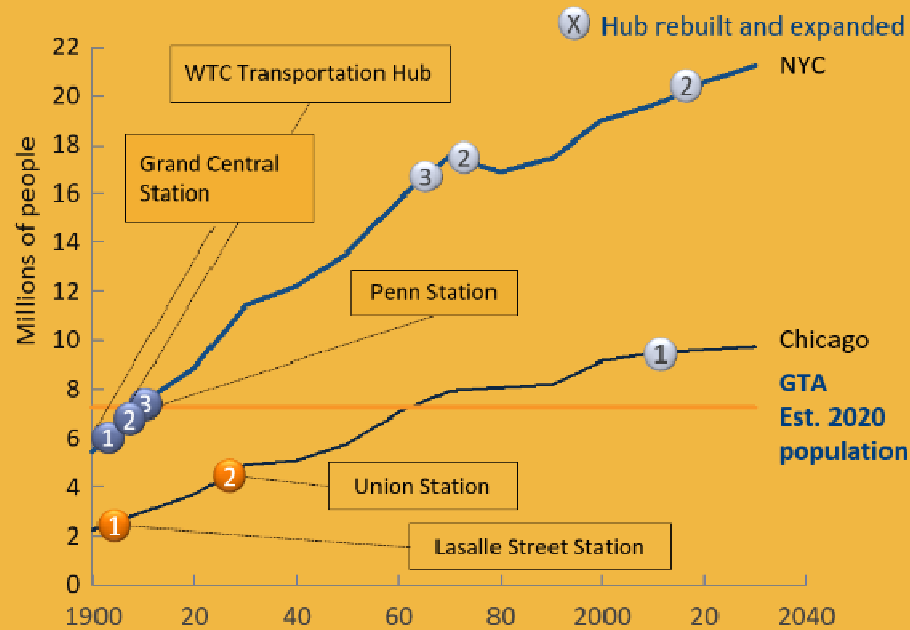
## Airports

- With only **one major ground transportation hub** in the region, Southern Ontario risks constricting its growth and productivity





# Comparing transportation hubs



90% of U.S. and Australian metropolitan areas with populations of 5 to 7 million have at least two major mobility hubs



# Imagine the possibilities

## Amsterdam Schiphol



## Shanghai Hongqiao

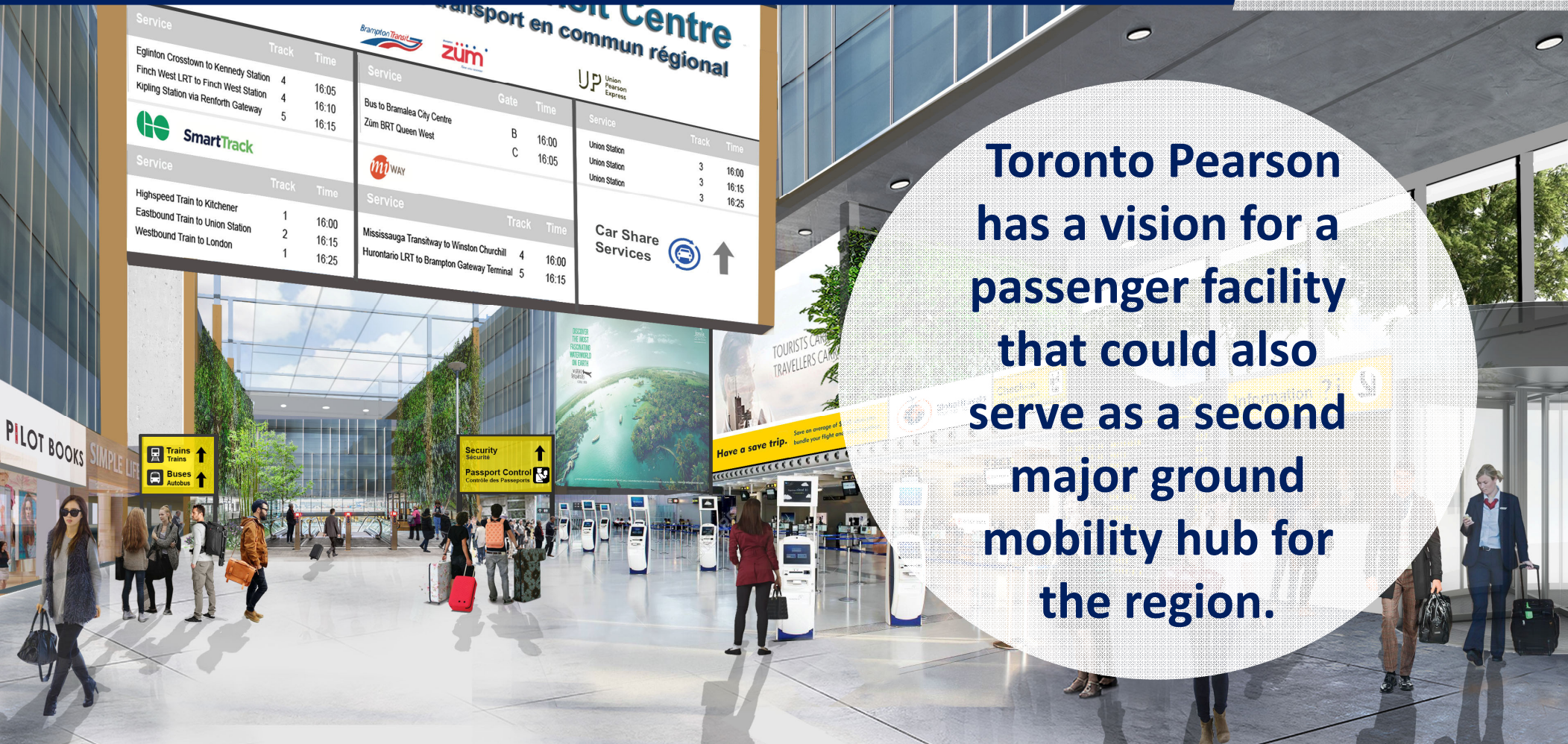


## Frankfurt



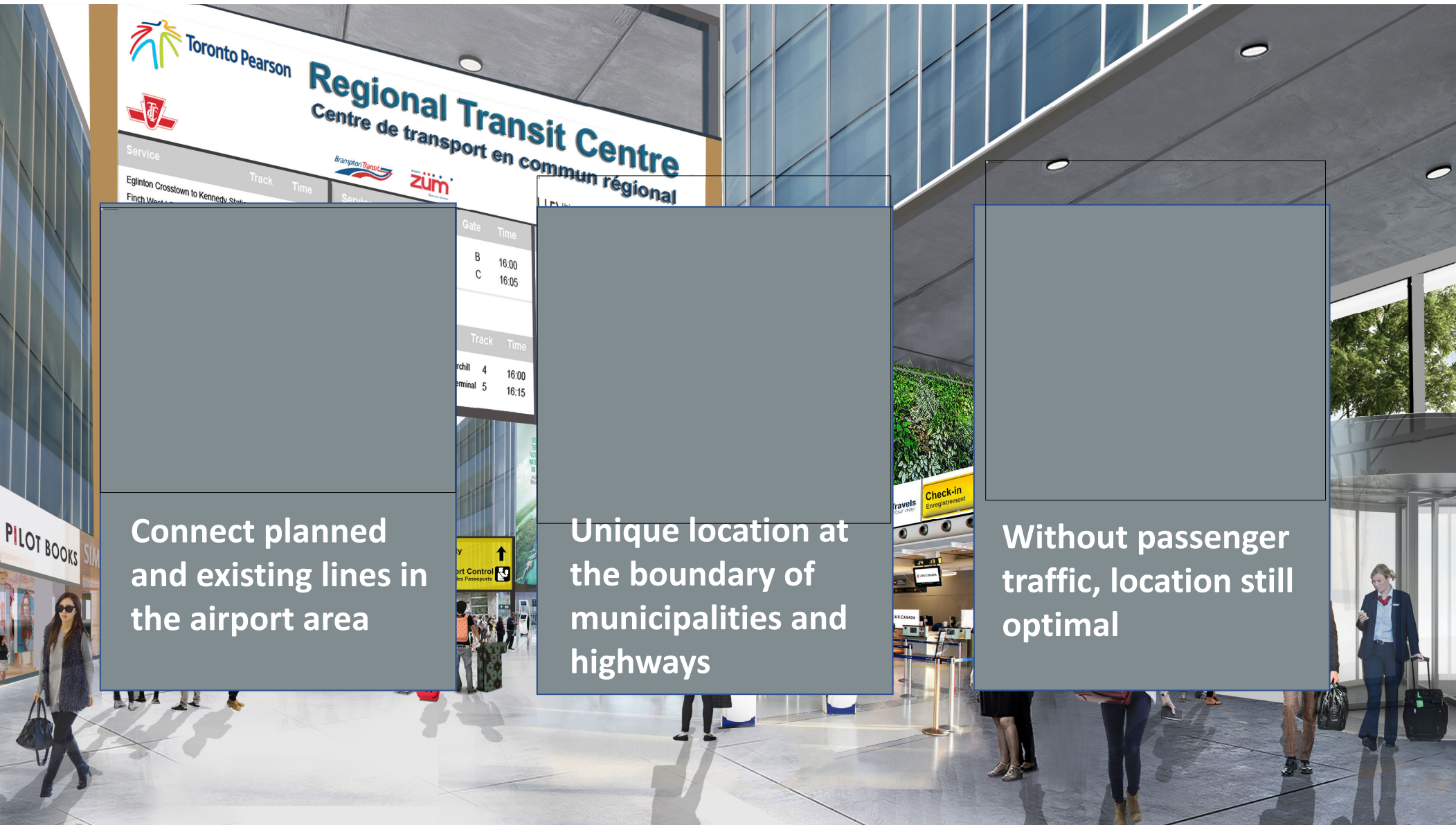


# The Vision



**Toronto Pearson  
has a vision for a  
passenger facility  
that could also  
serve as a second  
major ground  
mobility hub for  
the region.**





Connect planned and existing lines in the airport area

Unique location at the boundary of municipalities and highways

Without passenger traffic, location still optimal



# Bringing the vision to life



## Designing the Regional Transit and Passenger Centre at Toronto Pearson

2018

HOK chosen to lead on concept design  
Roster call for planning services

2019

RTPC concept and phasing  
Working with Metrolinx on joint studies on potential connections

2020

Potentially progressing to detailed design/implementation  
Ongoing work with Metrolinx, partner agencies and government



# Bringing the Vision to Life



## Improving Connections to Toronto Pearson

2018 -  
2019

### Airport Area Study

2018 -  
2019

### Transit User Study

2018 -  
2019

### Connecting Toronto Pearson Roundtables



# Studying connections in the region



## Airport area study

- GTAA and Metrolinx exploring possible connections to the RTPC and improvements to ground transportation to and from the airport and the airport employment area.

Spring 2018 to 2019



# Understanding how we commute



## Transit user study

- Study to understand more about the Toronto Pearson workforce – the 49,000 workers employed by almost 400 organizations operating at Toronto Pearson, specifically focusing on their transit usage

Fall 2018 to 2019



# Gaining support



## Connecting Toronto Pearson Roundtables

- Studying impact of three critical area connections
  - Local
  - Regional
  - Airport network



Winter 2018-2019



# Bringing the Vision to Life



## Near-term Opportunities

2018

**Better connections today**

2019

**Innovation for the last mile**



# Better connections today



**Route 100: launched  
October 2018**



TORONTO TRANSIT COMMISSION

**Route 952: an express route in  
addition to local service  
launched October 2018**

2018-2019



**Currently exploring options for  
services to Toronto Pearson**



# Innovation for the last mile



## Innovating to close the gap

- Learning from other systems with similar environment
- Filéo, a service for workers at Paris-Charles-de-Gaulle airport, allows riders on-demand door to door service with an online reservation





# Gaining support



**Grassroots outreach**



**Stakeholder outreach**



**Government outreach**



# Gaining support



HELP BUILD  
UNION STATION WEST

GET INVOLVED >

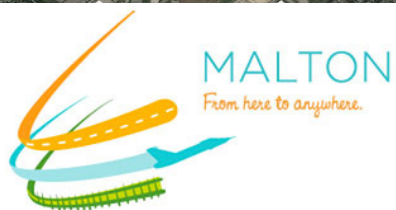
PROGRESS >

Summer 2018





# Gaining support



**Airport Corporate  
Centre Landowners  
Group**





# Gaining support



Toronto Pearson

“Better regional transit connectivity and direct access to the country’s largest airport would help employers in Peel attract talent, enable residents to access more jobs and services and allow for more efficient goods movement.”

**- Brampton Board of Trade**



# Gaining support



Toronto Pearson

“Waterloo Region is an important economic area for the province of Ontario and the fastest growing tech hub in Canada... ‘Union Station West’, combined with a connection to two-way all-day RER along the Kitchener GO Corridor, would help create thousands of new jobs and increase the competitiveness of companies in Waterloo Region.”  
- Manulife



# Gaining support



“Toronto Pearson is ideally located to serve as the GTHA’s second major hub...Situating between three of Canada’s largest municipalities, and in close proximity to numerous existing and planned transit lines, it would connect people between various transit services – allowing for more convenient travel across municipal boundaries.”

**- Weston Village Business Improvement Area**



# Gaining support



Toronto Pearson

“The proposed Union West Station represents the robust transportation policy that is required to support Ontario’s diverse tourism industry. Ideally located at Pearson Airport the transit hub would connect tourism destinations across the region and provide more direct access to the country’s largest airport.”

**- Tourism Industry Association of Ontario**





# Regional Transit Centre

Centre de transport en commun régional

Service	Track	Time
Eglinton Crosstown to Kennedy Station	4	16:05
Finch West LRT to Finch West Station	4	16:10
Kipling Station via Renforth Gateway	5	16:15

**SmartTrack**

Service	Track	Time
Highspeed Train to Kitchener	1	16:00
Eastbound Train to Union Station	2	16:15
Westbound Train to London	1	16:25



Service	Gate	Time
Bus to Bramalea City Centre	D	16:05
Züm BRT Queen West	C	16:05

**UP** Union Pearson Express

Service	Time
Union Pearson Express	16:00
Union Pearson Express	16:15
Union Pearson Express	16:25

**mi** (WAI)

Service	Time
Mississauga Transitway to Mississauga Centre	16:00
Hurontario LRT to Brampton Gateway Transit	16:05

# Thank you.

PILOT BOOKS SIMPLE LIFE



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**Global Travels** Your trip. Our help. **Enregistrement**

**WELCOME**

**Departures**

Flight	Time	Destination	Gate
AA123	16:00	PORTLAND	A22
DL456	16:15	ATLANTA	B15
UA789	16:30	NEW YORK	C10
WS123	16:45	WASHTON	D05
HA456	17:00	HAWAII	E01
AC789	17:15	AMSTERDAM	F03
BA123	17:30	BANGKOK	G08
QF456	17:45	QUEENSLAND	H12
VA789	18:00	VICTORIA	I05
SA123	18:15	SAN ANTONIO	J01
DL456	18:30	DALLAS	K05
AA789	18:45	ALBUQUERQUE	L01
UA123	19:00	UNION	M05
WS456	19:15	WASHINGTON	N01
HA789	19:30	HAWAII	O05
AC123	19:45	AMSTERDAM	P01
BA456	20:00	BANGKOK	Q05
QF789	20:15	QUEENSLAND	R01
VA123	20:30	VICTORIA	S05
SA456	20:45	SAN ANTONIO	T01
DL789	21:00	DALLAS	U05
AA123	21:15	ALBUQUERQUE	V01
UA456	21:30	UNION	W05
WS789	21:45	WASHINGTON	X01
HA123	22:00	HAWAII	Y05
AC456	22:15	AMSTERDAM	Z01

