

# Welcome

## Toronto Pearson Connects: Conversations about our future

Please sit where you like  
We will get started at 6:30 pm



Toronto Pearson



# Peter MacLeod, Moderator



Toronto Pearson




Ensure everyone feels heard

Make this a productive conversation



Toronto Pearson



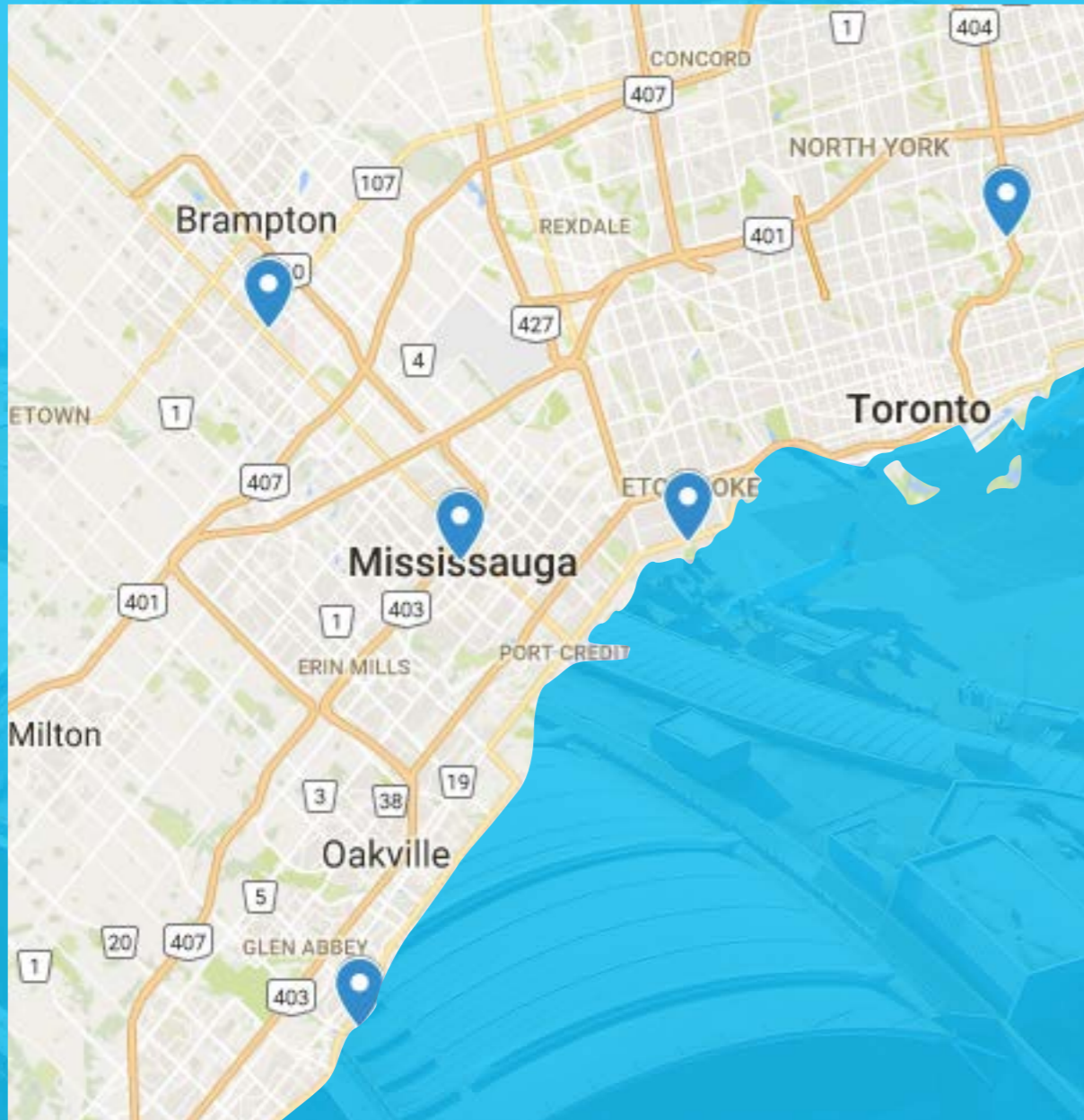


We're calling this a workshop because you will be working with others to help shape our growth plan, as well as our approach to managing and mitigating noise...



Toronto Pearson

# This is our second of five workshops we're hosting over three weeks...



## **Tuesday, June 20**

East of the airport  
6:30 p.m. to 8:30 p.m.  
Ismail Centre  
49 Wynford Drive  
North York, ON M3C 1K1

## **Thursday, June 22**

North of the airport  
6:30 p.m. to 8:30 p.m.  
Peel Art Gallery Museum & Archives  
9 Wellington Street East  
Brampton, ON L6W 1Y1

## **Wednesday, June 28 RESCHEDULED**

South of the Airport  
6:30 p.m. to 8:30 p.m.  
The Assembly Hall  
1 Colonel Samuel Smith Park Drive  
Etobicoke, ON M8V 4B6

## **Tuesday, July 4**

Central  
6:30 p.m. to 8:30 p.m.  
Mississauga Living Art Centre  
4141 Living Arts Drive  
Mississauga, ON L5B 4B8

## **Thursday, July 6**

West of the airport  
6:30 p.m. to 8:30 p.m.  
Harbour Banquet & Conference Centre  
Bronte Room  
2340 Ontario Street  
Oakville, ON L6L 6P7

## **Tuesday, July 11**

**South of the Airport**  
**6:30 p.m. to 8:30 p.m.**  
The Toronto Congress Centre  
650 Dixon Road  
Toronto, ON M9W 1J1



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We've heard a lot already.



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This is one of several initiatives we have underway this summer to hear from residents about airport growth and airplane noise.

Survey on  
Noise  
Fairness  
& Airport  
Growth

Public  
Workshops

Residents'  
Reference  
Panel

25+ summer  
events



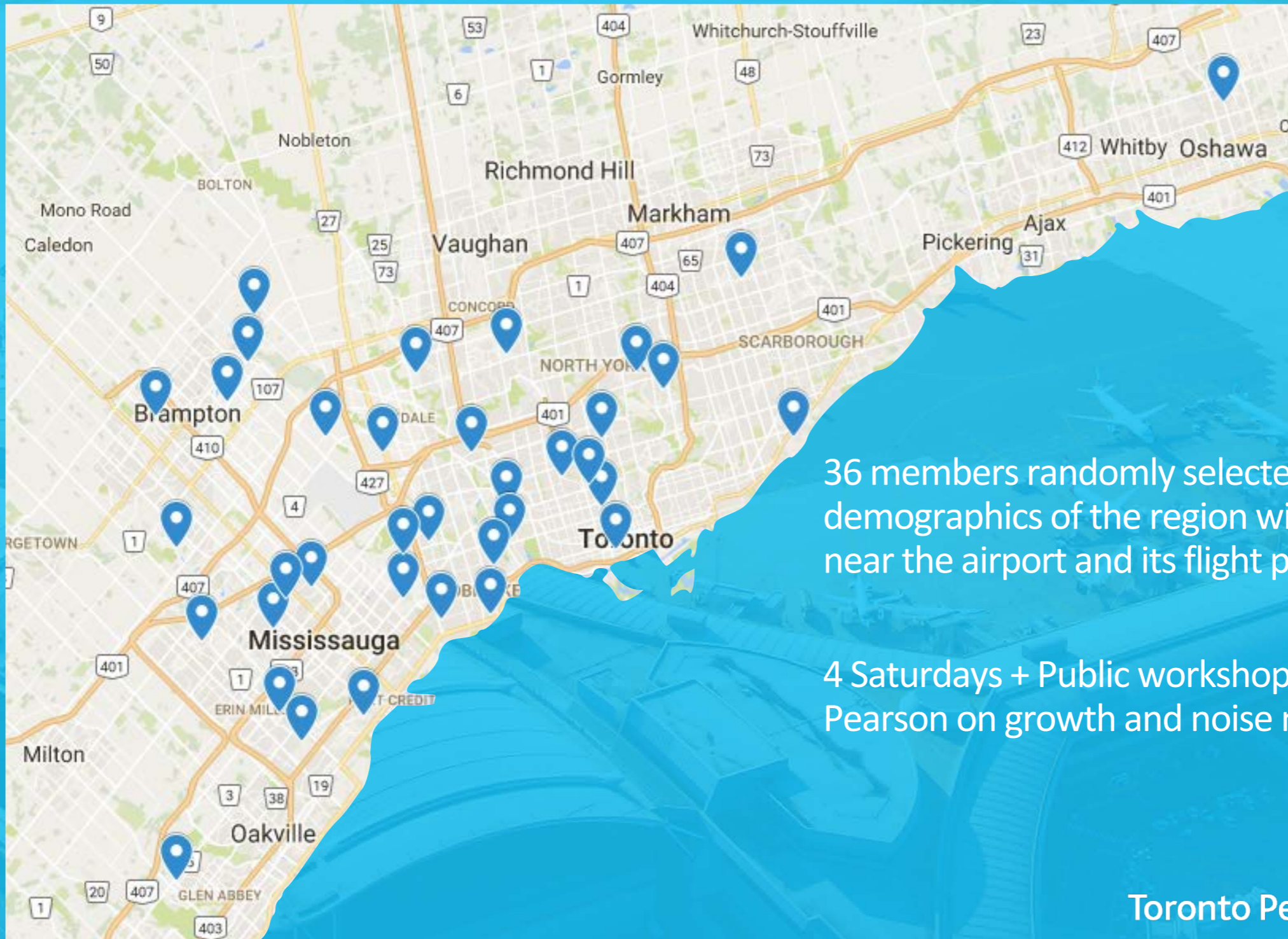
Toronto Pearson

# Meet the members of the Reference Panel





# Volunteers who represent the perspectives of communities across the GTA



36 members randomly selected to match demographics of the region with 24 members living near the airport and its flight paths

4 Saturdays + Public workshops to advise Pearson on growth and noise management



Toronto Pearson

# What happens next

## July:

- Workshops “Conversations about our future”
- Survey on Noise Fairness and Airport Growth until July 31
- Community events

## August:

- Community events

## September:

- GTAA Noise Management Benchmarking and Best Practices study released
- Release of NAV CANADA Third Party Airspace Review

## October

- Reference Panel Recommendations, Survey Results & Workshop Results Released
- Completion of Technical Analysis on 6 Ideas

## Fall/Winter 2017

- A series of public consultations for residents feedback on noise study findings

## Winter 2018

- Action Plan based on community feedback released, including phased implementation plan of measures

# Tonight

1. Start with a 30 minute presentation about growth plans and noise management at Pearson
2. Join a 45 minute conversation at each table
3. Report back and open mic for the final 30 minutes



Toronto Pearson



# Our discussion questions

1. What are the benefits and drawbacks of Pearson's growth?
2. What steps would you like to see the GTAA take to:
  - provide new transit options for the airport and region
  - engage and inform residents about its operations
  - strengthen its commitment to the environment.
3. How would you propose to address the concerns of residents who are adversely impacted by airplane noise?
4. From among the items you've discussed, what are the top three measures Pearson could take to ensure that it grows responsibly?



Lorrie McKee

Director, Public Affairs & Stakeholder Relations  
Greater Toronto Airports Authority (GTAA)



Toronto Pearson



**Our vision is to be the best  
airport in the world.  
Making a difference,  
connecting the world.**

**Global demand  
for air travel  
requires growth at  
Toronto Pearson**

**You are part of the  
conversation on how  
we can grow  
responsibly**

**20-year  
Master Plan  
to guide  
our growth**



# **We're asking ourselves: How can we grow responsibly? How can we reflect the priorities of our neighbours and our region?**

**Our neighbours  
have priorities; these  
need to be reflected  
in our growth plans**

**By taking part in  
this meeting, you're  
contributing to our  
master plan update**

**A day at Pearson**

**Why are we growing?**

**Growing responsibly**



# Toronto Pearson

Managed and operated by the not-for-profit GTAA since 1996

Our lease requires that we manage a First class, major international airport that meets the demands for capacity

No taxpayer subsidies to fund operations or development



# An average day at Toronto Pearson

**1,250**  
aircraft movements

**120,000**  
passengers

**1,233**  
tonnes of cargo

**50**  
night flights

**18**  
cargo flights

# Growth story

**1970s**

**10.5 million**



**1990s**

**21 million**



**2016**

**44.3 million**




# Passenger growth and aircraft movements

Passengers

**2015**  
*41 million*


**2016**  
*44 million*

  
**8.0%**

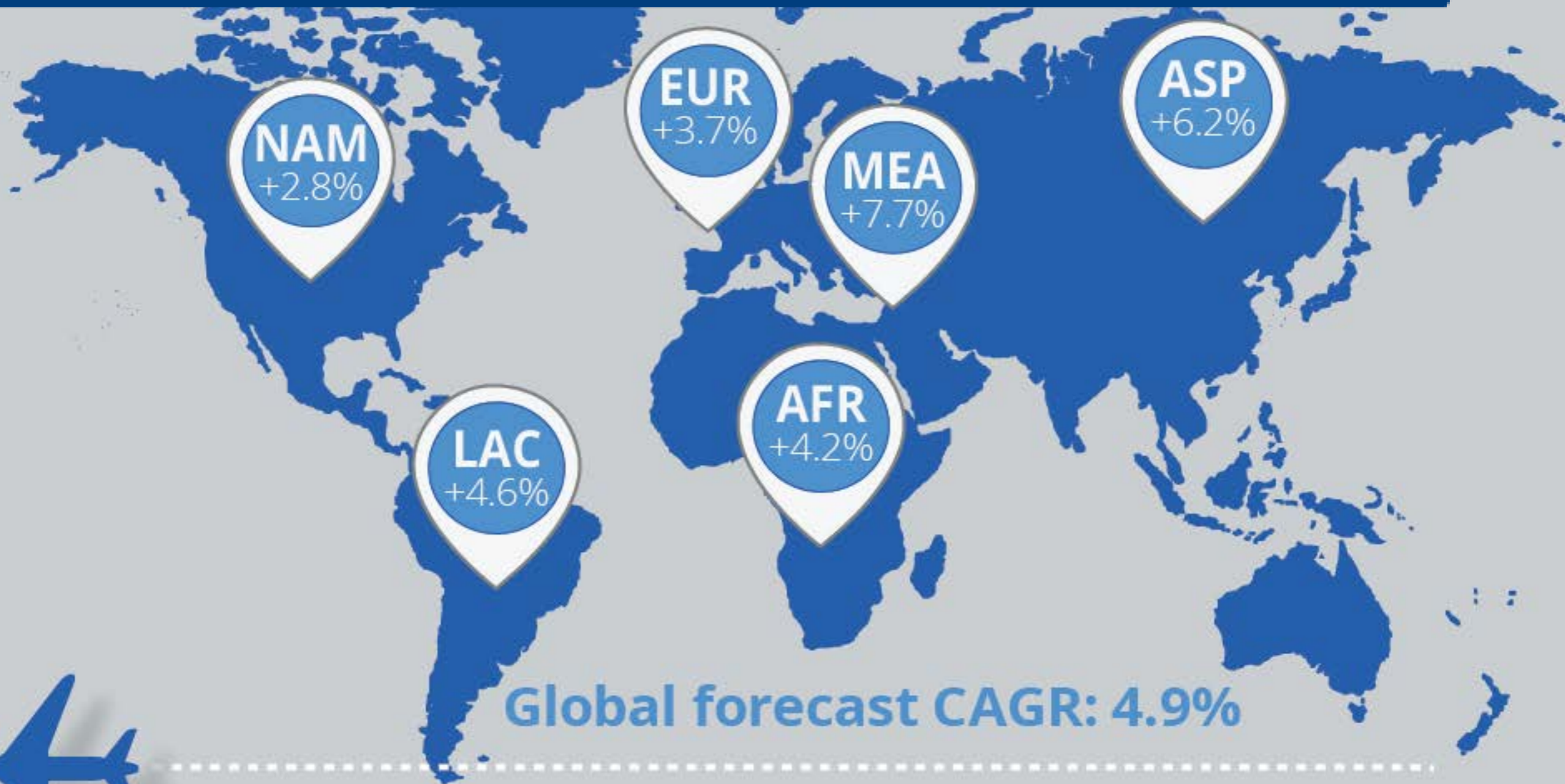
Movements

**2015**  
*444,000*

**2016**  
*456,000*

  
**2.7%**

# Aviation demand growth (2015–2040)



Passenger traffic to double to over  
**14 billion** by 2029

The Southern Ontario region is a key place for people to live, work, play and invest

Ontario accounts for 39.4% of the national economy

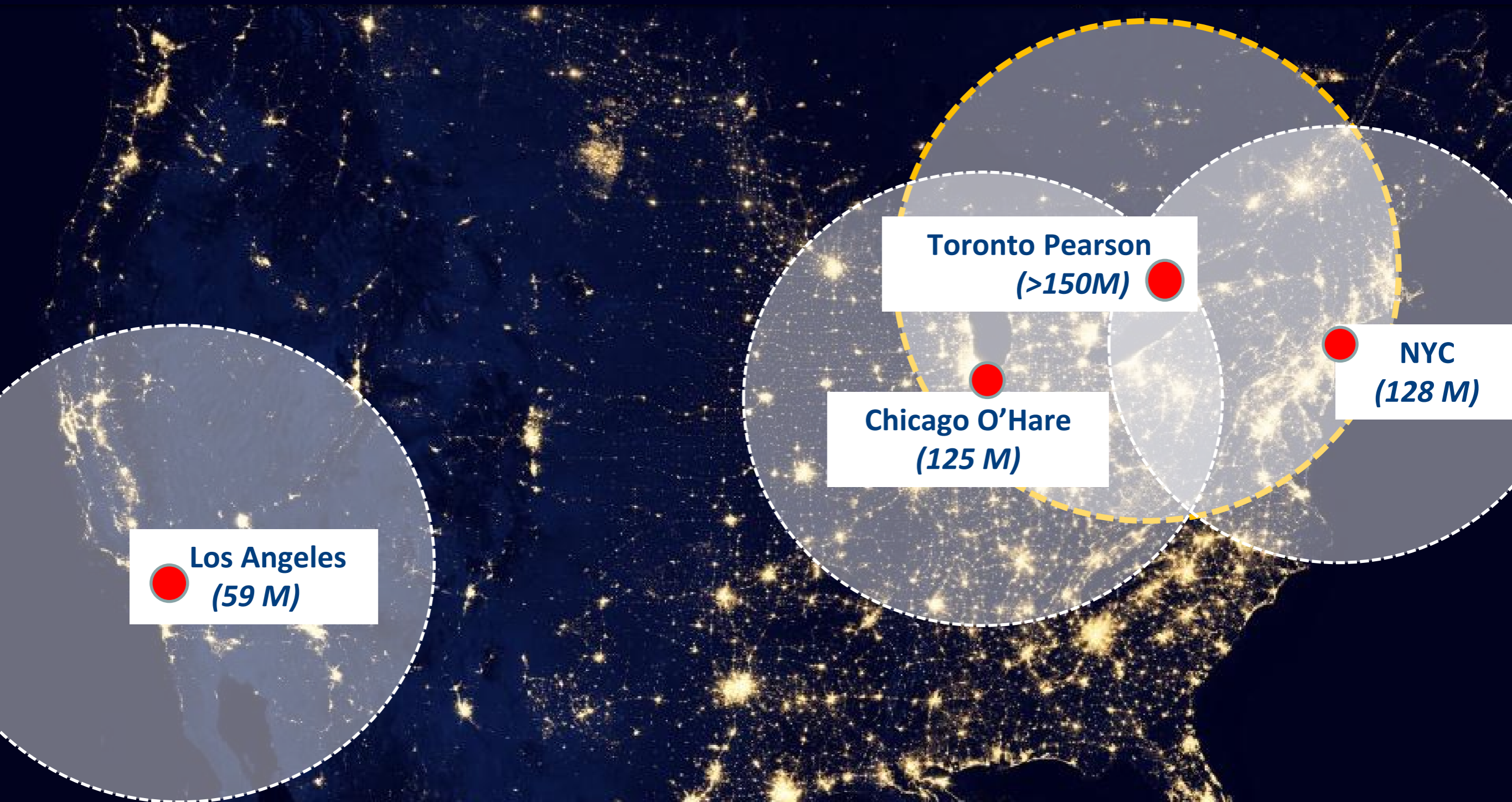


**\$1.0 Trillion**  
Ontario GDP in 2043  
(25.3% growth)



**~15.5 Million**  
Population in 2043  
(10.9% growth)

# We have the largest two-hour flight Catchment area in North America



Toronto Pearson is Canada's and North America's natural gateway to the world

# Toronto Pearson in 2037

2016

2037

**44.3 million**  
passengers at Toronto Pearson

**80 million**  
passengers at Toronto Pearson

**456,000**  
aircraft movements

**610,000**  
aircraft movements

**450,000**  
tonnes of cargo

**900,000**  
tonnes of cargo



# Economic benefits of growth

**67%** of global economies  
**6.3%** of Ontario's GDP (\$42 B)

**332,000** jobs

**Today**

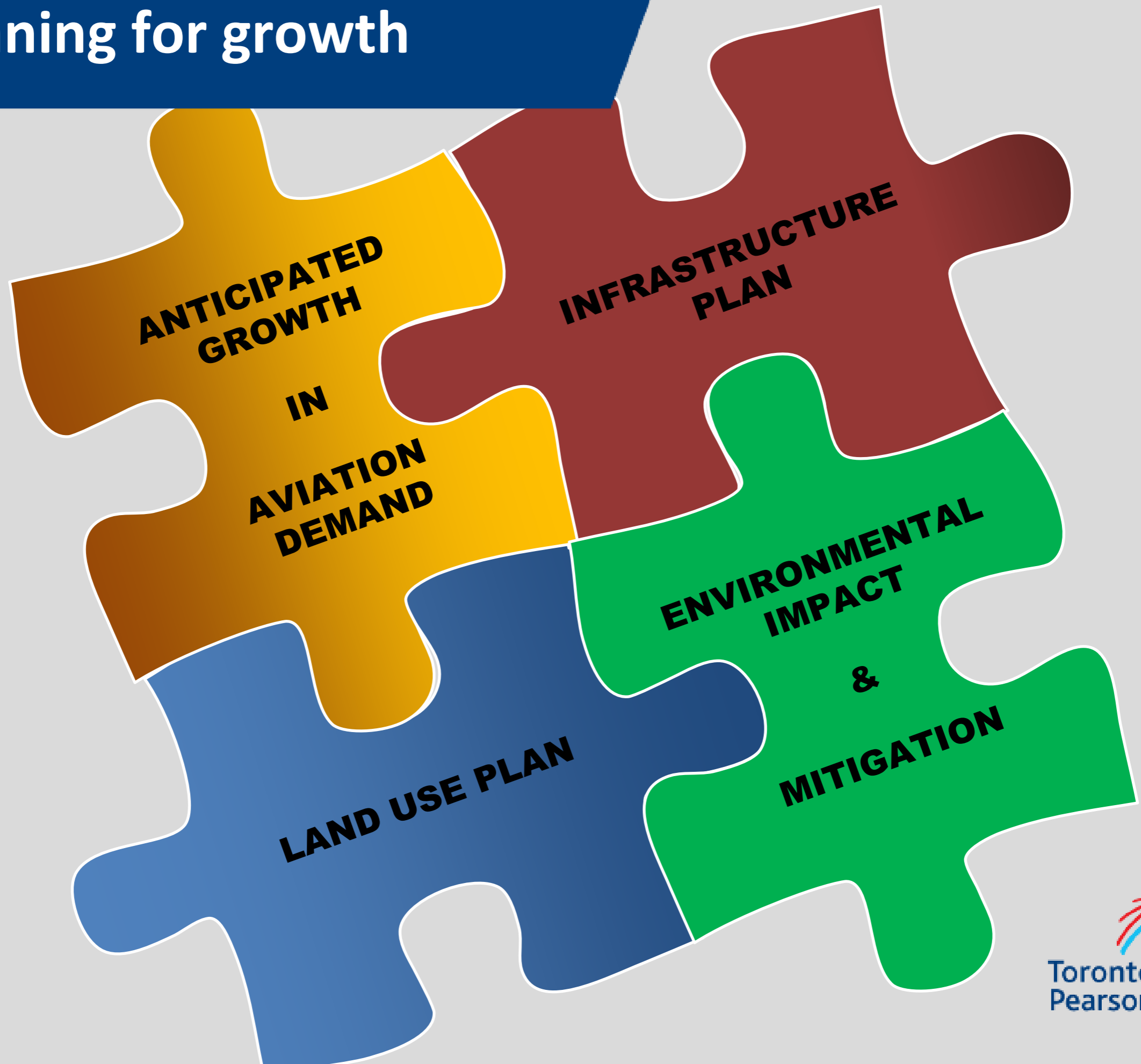
**80%+** of global economies

**8.5%** of Ontario's GDP

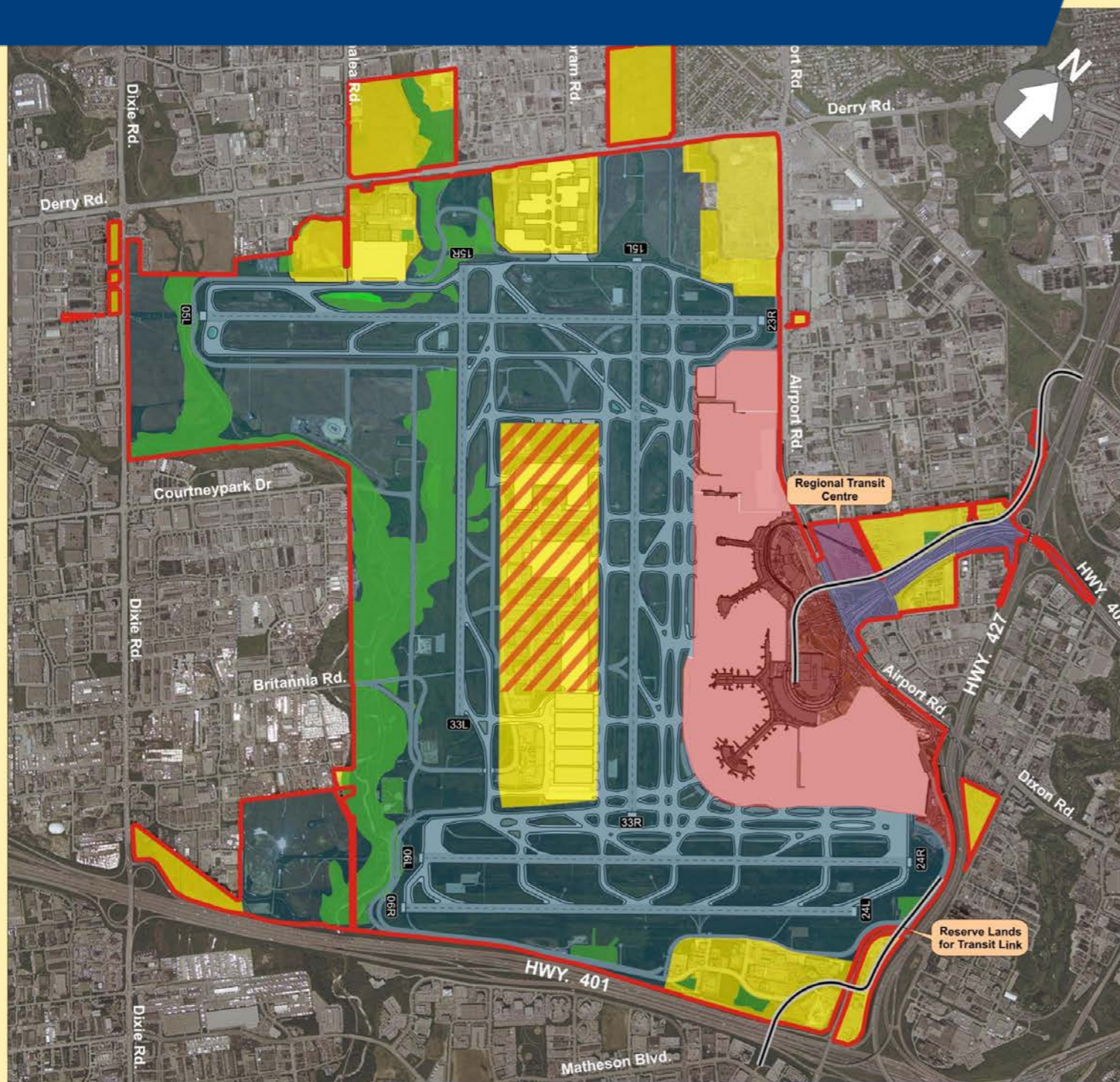
**700,000** jobs

**2037**

# Planning for growth



# Airport Development Plan



## AIRPORT DEVELOPMENT PLAN



## To accommodate growth:

- Phased terminal expansion including additional gates, more baggage capacity
- Eventual single contiguous terminal
- Addition of passenger processing centre, linked to terminal buildings

**Current runways and airspace can safely accommodate expected growth in aircraft movements**

# Supporting regional growth: Southern Ontario Airport Network

**2017:  
49 million  
passengers**

**2035:  
110 million  
passengers**



- Airports within the region will have an increasingly important role to play as Southern Ontario and the demand for air services continues to grow
- Efficient ground transportation is needed to connect the airports in this network which will reduce road congestion and support the movement of goods and people

An aerial photograph of an airport tarmac and surrounding city. A large blue semi-transparent rectangle is overlaid on the center of the image, containing white text. The text is arranged vertically: 'Growing responsibly' at the top, 'Transit' in the middle, 'Environment' below it, and 'Noise' at the bottom. The background shows runways, taxiways, and various airport buildings under a clear sky.

**Growing responsibly**

**Transit**

**Environment**

**Noise**

# Congestion is increasing

Driving times to  
Toronto Pearson  
are expected to rise  
by an average of  
30% in the next 20  
years

1 million car trips every day

# Transit mode share

**10%** of passengers at YYZ take public transit



**36%**

London  
Heathrow

**40%**

Amsterdam  
Schiphol

**50%**

Hong Kong

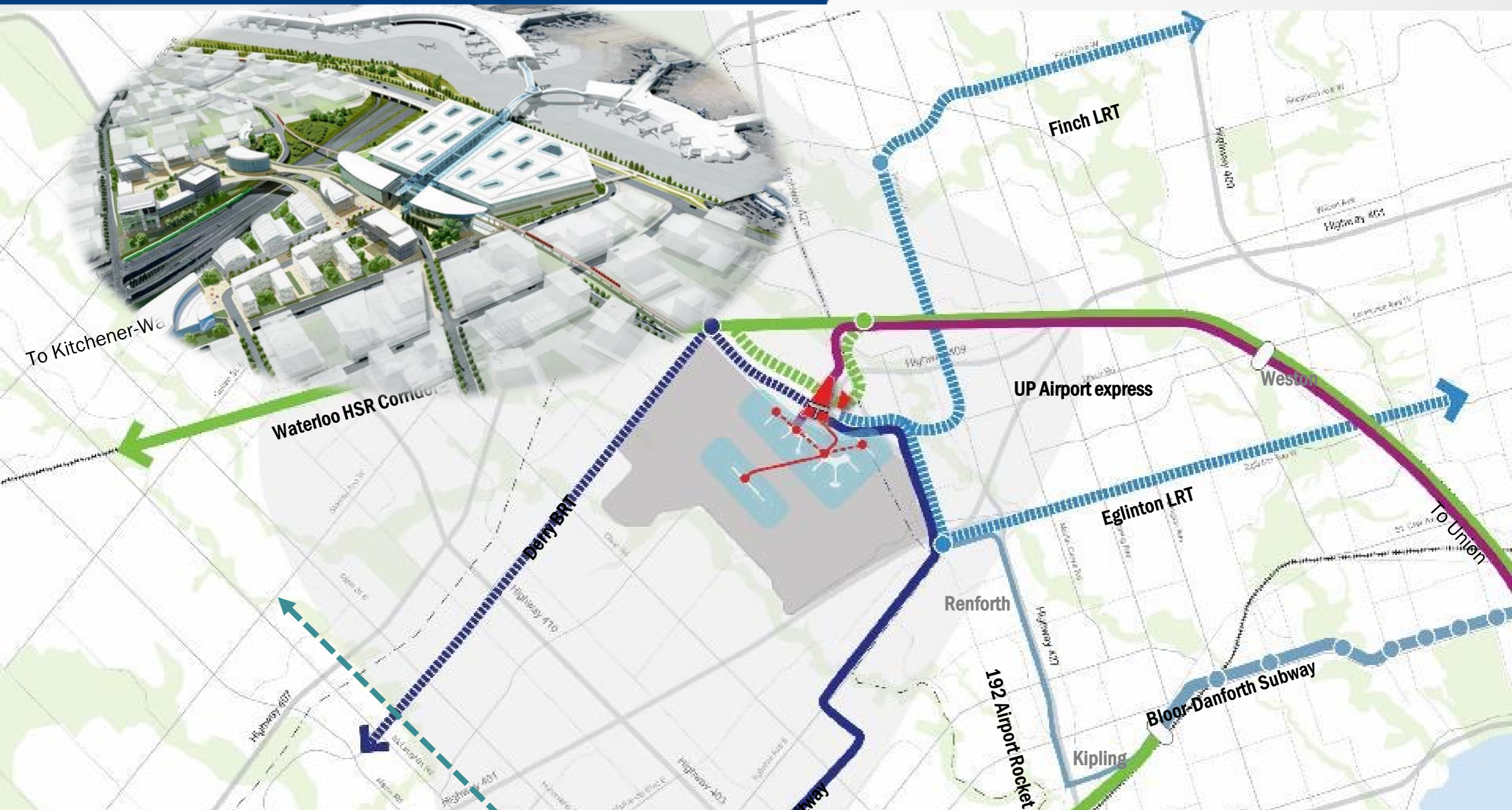
**60%**

Shanghai  
Pudong



Toronto  
Pearson

# Connecting our region



Toronto Pearson is committed to building a Regional Transit Centre that could serve as the GTHA's second mobility hub and transform the region



# Cynthia Woods

Manager, Noise Management Office  
Greater Toronto Airports Authority (GTAA)



Toronto Pearson

# Environmental sustainability



# Noise Management

## Who Does What?

### Transport Canada

- Regulator for aviation in Canada
- Establishes flight path design criteria & land use guidelines based on noise exposure
- Enforces Noise Abatement procedures & Noise Operating Restrictions
- Approves proposed changes to Noise Abatement Procedures & Noise Operating Restrictions put forward by GTAA
- Audits Toronto Pearson Night Flight program

### NAV CANADA

- Air navigation provider in Canada, responsible for safe & efficient movement of aircraft
- Designs and publishes network of air routes according to Transport Canada design criteria
- Assigns runways at Toronto Pearson considering winds, weather, capacity and preferential runway system

### Greater Toronto Airports Authority

- Operator and manager of Toronto Pearson
- Develops & manages: Noise Management Program, and explores new opportunities for noise mitigation
- Noise Management Office and Enforcement Office
- Supports CENAC and Technical Noise Working Group

### Airlines

- Responsible for conducting operations in accordance with: Transport Canada regulations, Airport Noise Operating Restrictions, Noise Abatement procedures

# Noise management

## Who Does What?

### Community Environment Noise Advisory Committee (CENAC)

- Advises the GTAA on noise management and environmental policies
- Comprised of elected officials and residents from the cities of Brampton, Mississauga and Toronto as well as the Regions of Halton, York and Durham
- Technical members include: acoustician, Transport Canada, NAV CANADA, GTAA, National Airlines Council of Canada
- Meets five times per year, open to members of public

### Technical Noise Working Group

- Comprised of airport and aviation stakeholders: GTAA, Transport Canada, airlines, NAV CANADA
- Discusses technical viability of noise mitigation initiatives and noise complaint trends

### Community Members

- Community members play an active role in noise management by participating in: consultations, CENAC meetings, and providing feedback about aircraft noise. **It is this feedback that has informed many of the noise studies underway**

# Noise Management Program

We know our operations have impacts, and we are always working to manage and minimize those impacts while operating the airport in a safe, secure, efficient and financially viable manner for the public.

## *Noise Management Program Components:*

### **Noise Operating Restrictions**

(Night Flight Restriction Program, Engine Run-Up Restrictions, Preferential Runway Assignment)

### **Noise Abatement Procedures**

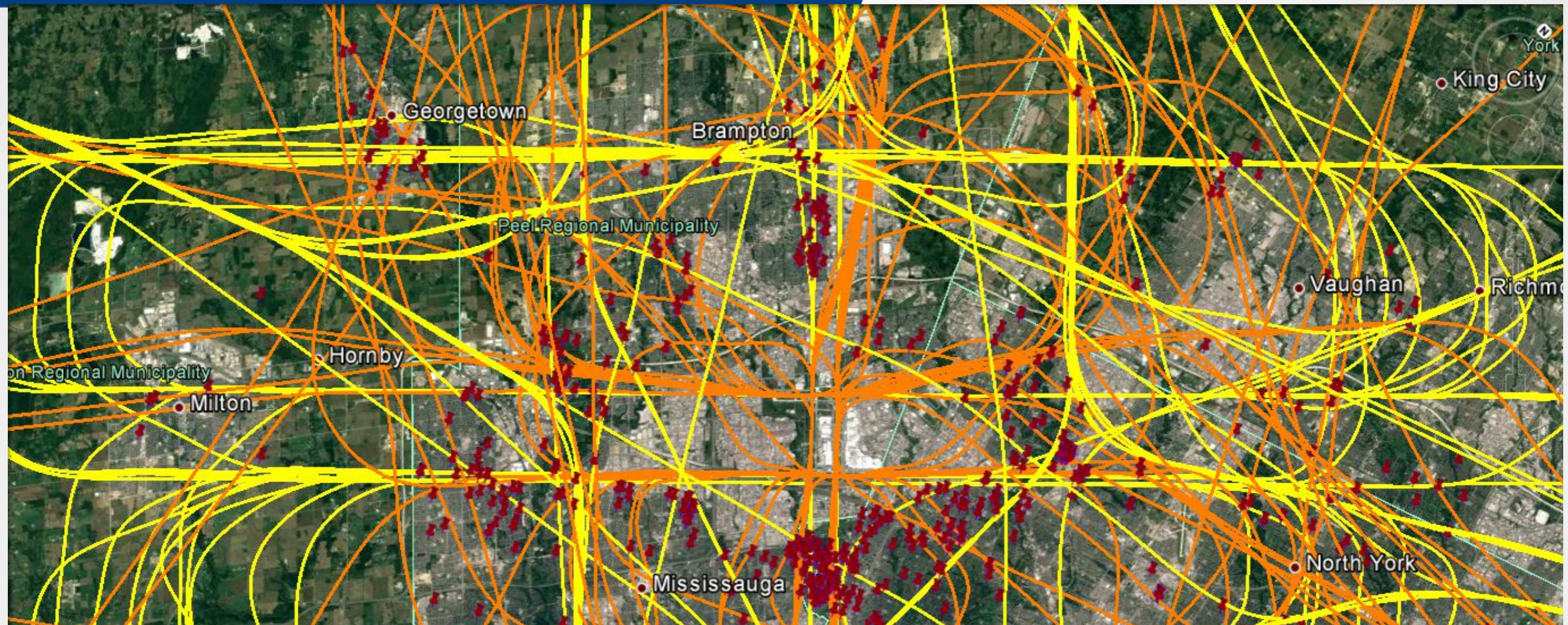
Land Use Planning

Enforcement Office

Noise Management Office

Community Outreach

# Noise Experiences



## Noise Impacts/Experiences:

- Low and loud: areas under a flight path and closest to the airport
- High traffic levels: areas under heavily used concentrated flight paths such as downwind
- New noise: change in flight paths
- Nighttime noise: areas under flight paths used during the overnight period.

# Community suggestions



# Three Noise Studies

The three ongoing studies are:

- GTAA & NAV CANADA's Toronto Noise Mitigation Initiatives (The 6 Ideas)
- NAV CANADA's Independent Toronto Airspace Noise Review
- GTAA's Noise Management Benchmarking Study



# What happens next

**GTAA Noise Management Benchmarking and Best Practices Study Released**

**Reference Panel Recommendations, Survey Results, and Workshop Results Released**

**A series of public consultations for residents feedback on noise study findings**

**September**

**October**

**November**

**Winter 2018**

**Release of NAV CANADA Third Party Airspace Review**

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**Toronto  
Pearson**

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4. From among the items you've discussed, what are the top three measures Pearson could take to ensure that it grows responsibly?



# Thank you for coming

For more information, to sign up to receive updates, and to fill our noise fairness survey, please visit:

[torontopearson.com/conversations](https://torontopearson.com/conversations)



Toronto Pearson