

Welcome

Toronto Pearson Connects: Conversations about our future

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



Toronto Pearson

Alex Way, Moderator



Toronto Pearson






Ensure everyone feels heard

Make this a productive conversation



Toronto Pearson



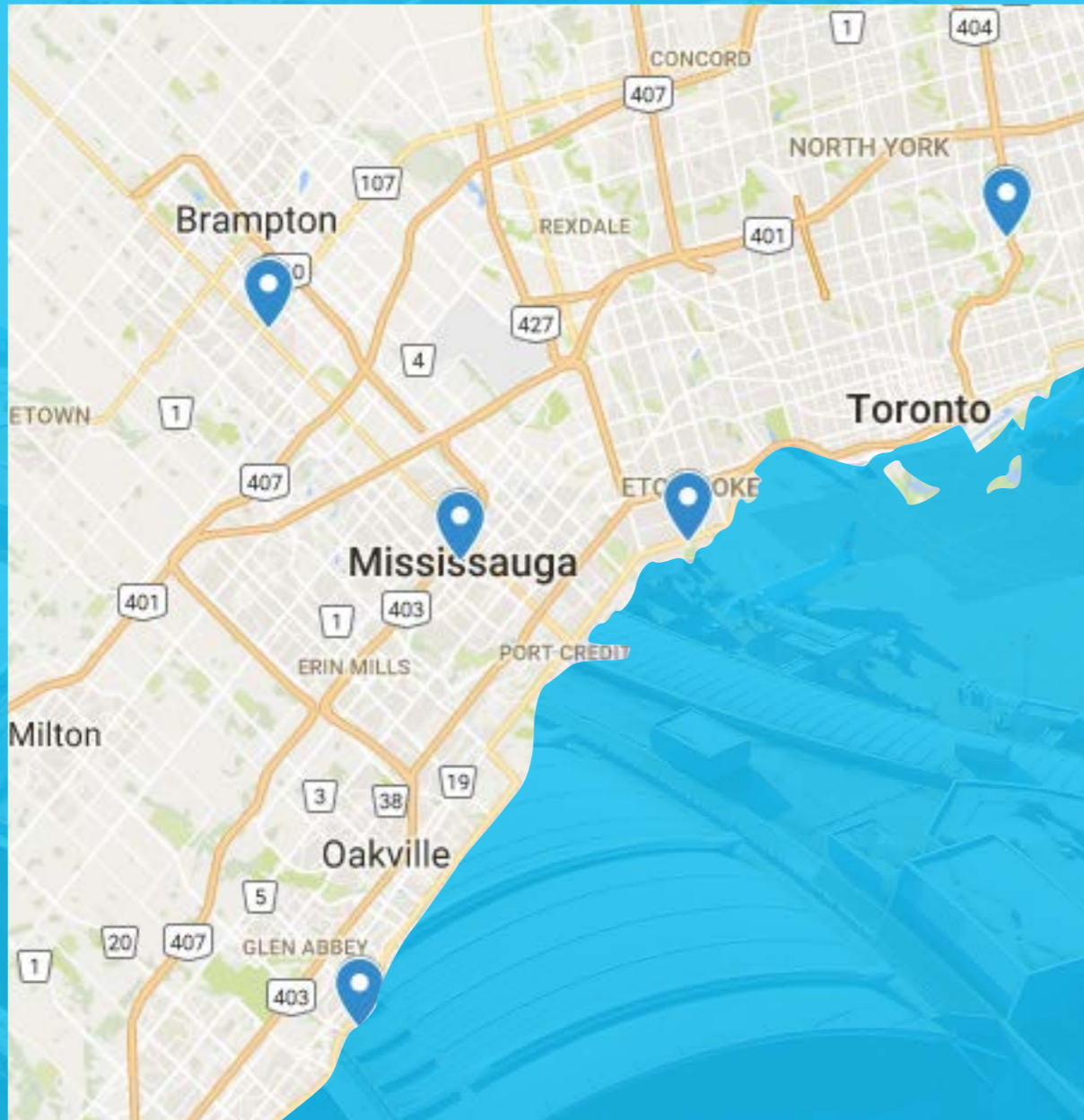


We're calling this a workshop because you will be working with others to help shape our growth plan, as well as our approach to managing and mitigating noise...



Toronto Pearson

This is our first 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



Toronto Pearson

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

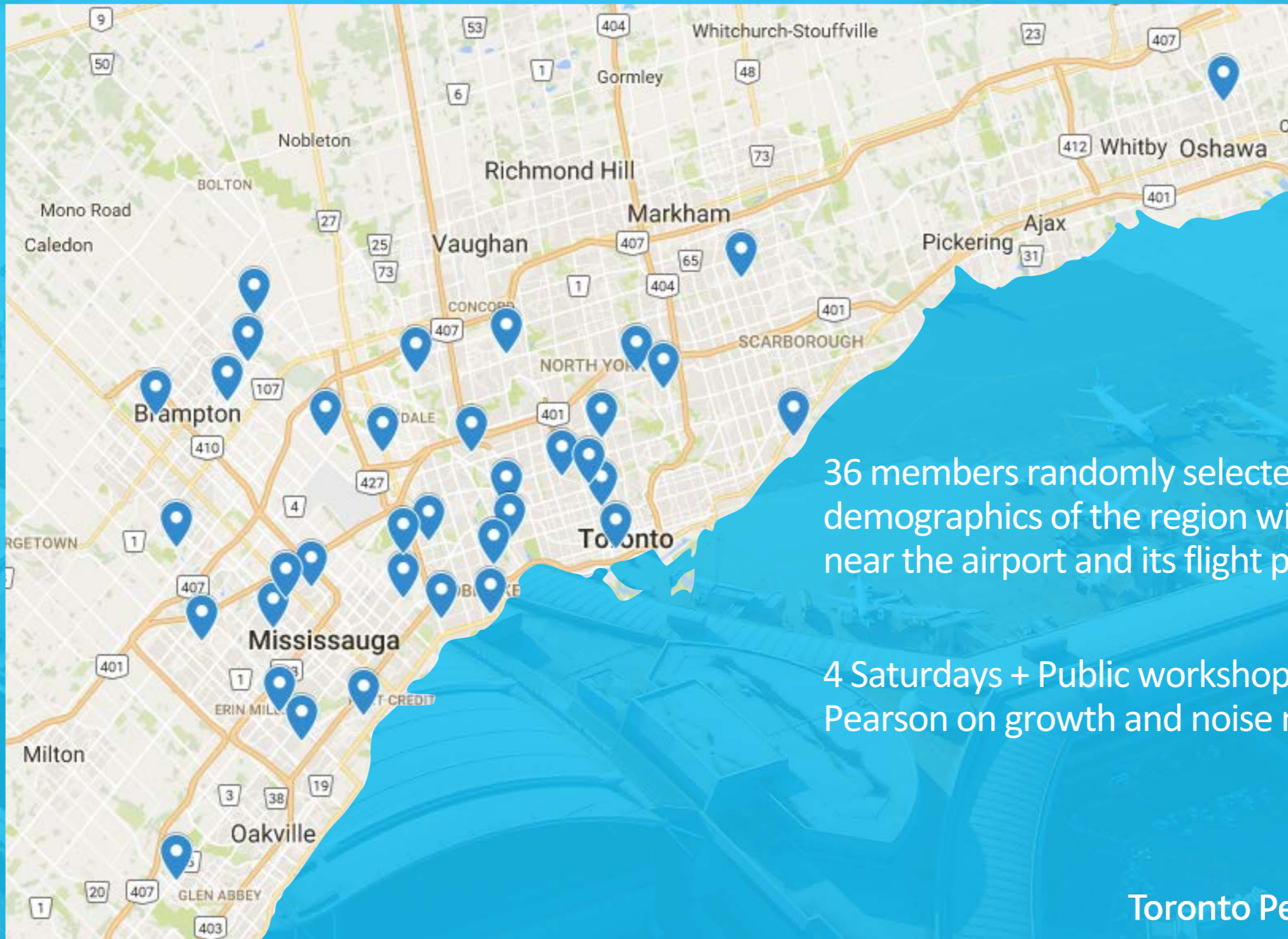


Toronto Pearson

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?




Kim Stangeby

Vice President and Chief Strategy Officer,
Strategy and Development
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**

An aerial photograph of an airport terminal and tarmac. The terminal is a large, modern building with a glass facade and a curved roof. The tarmac is filled with aircraft, including several large commercial jets. The background shows a hazy sky and distant airport buildings. A large blue text overlay is centered on the image, and two circular callouts are positioned in the lower half of the frame.

**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%

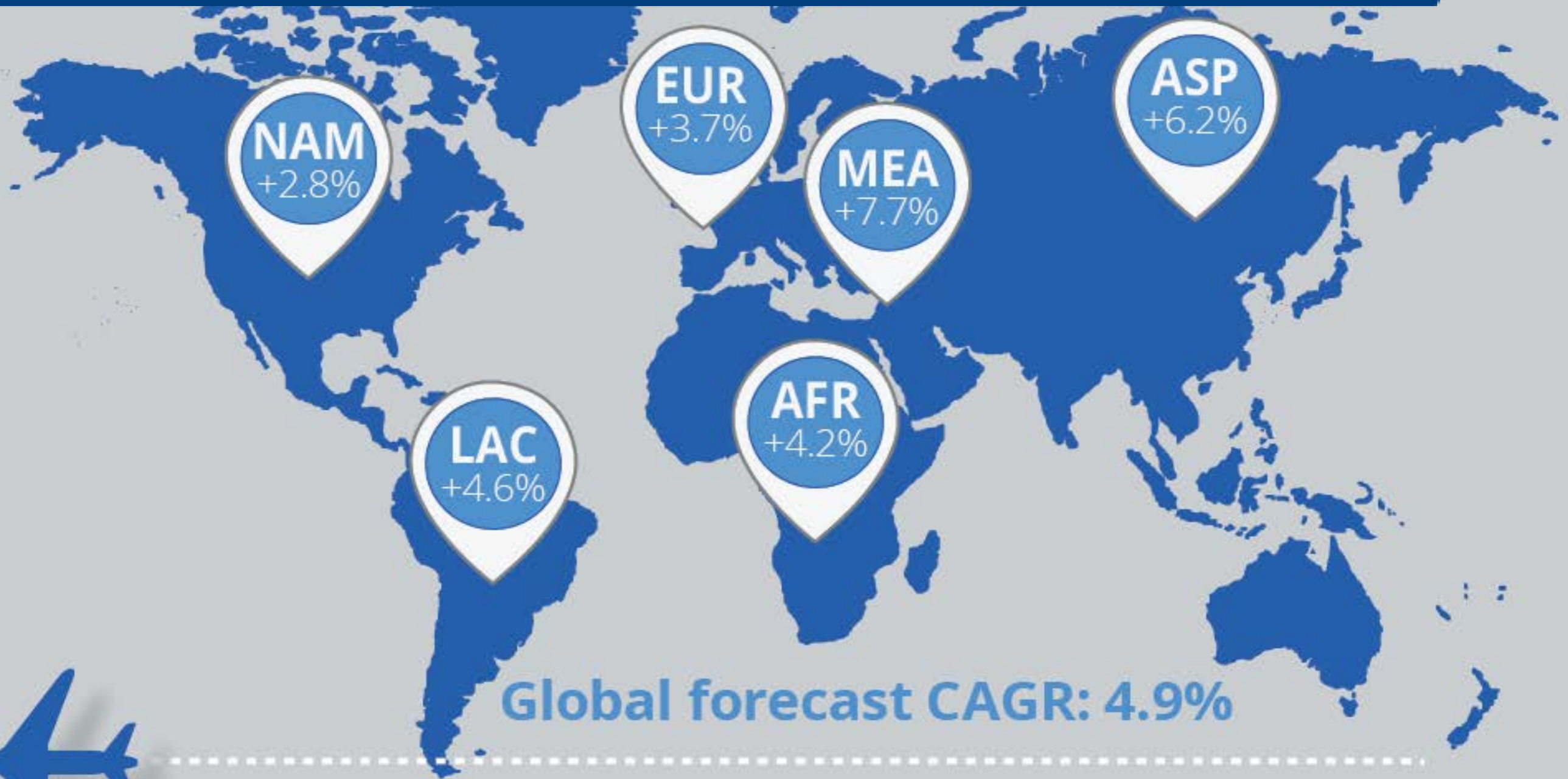
Movements

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

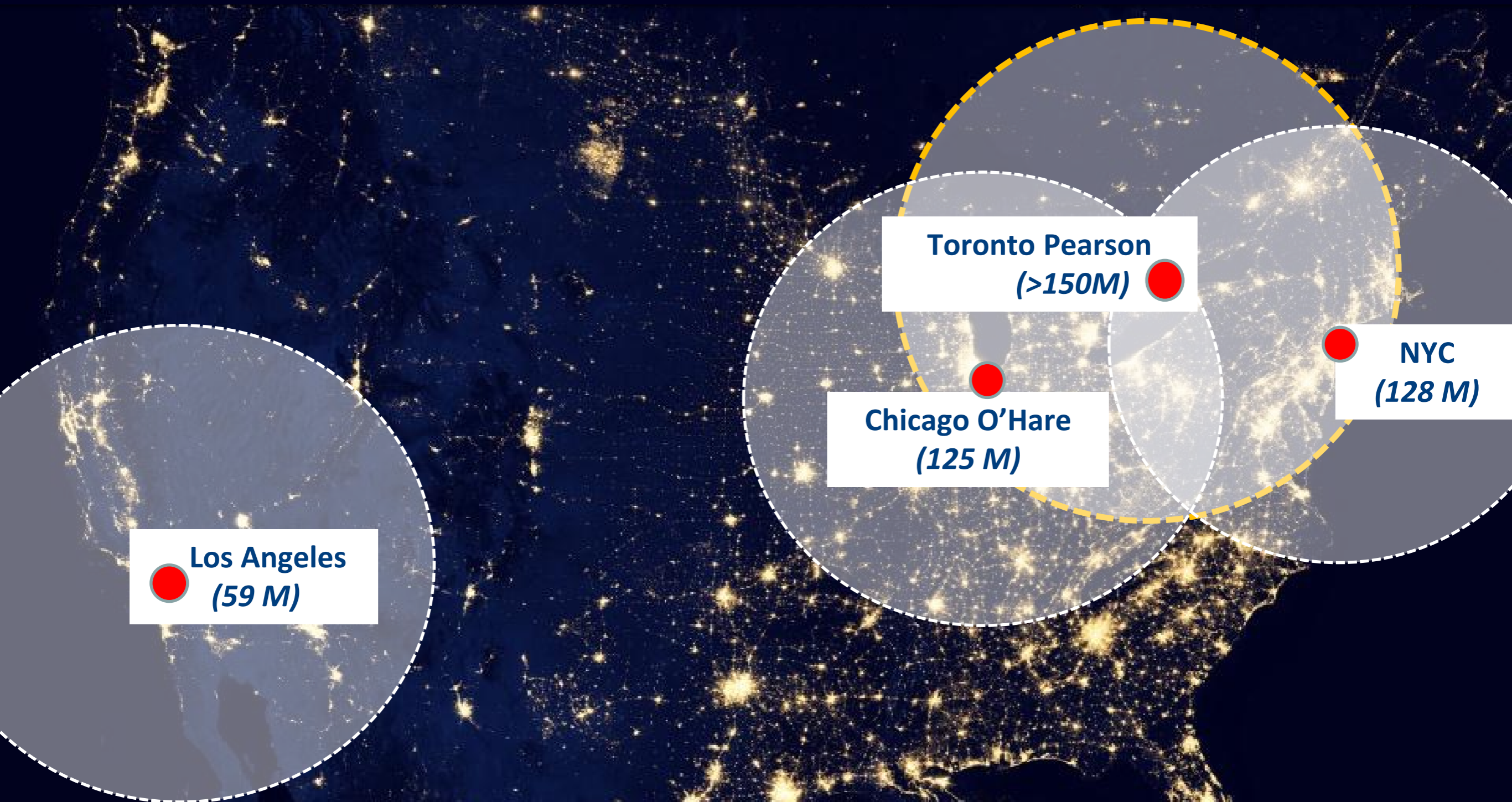


\$1.0 Trillion
Ontario GDP in 2043
(25.3% growth)



~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

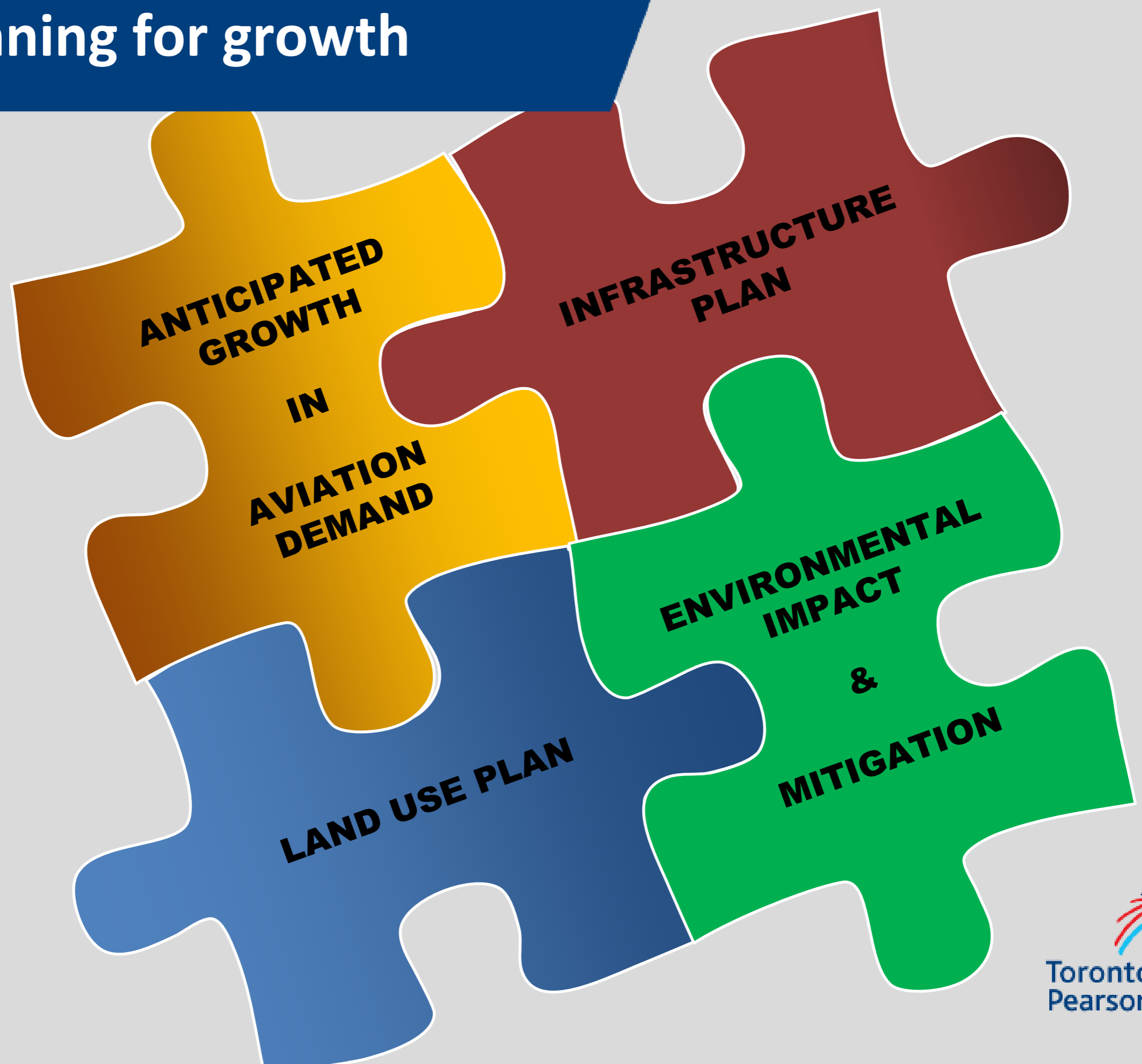
80%+ of global economies

8.5% of Ontario's GDP

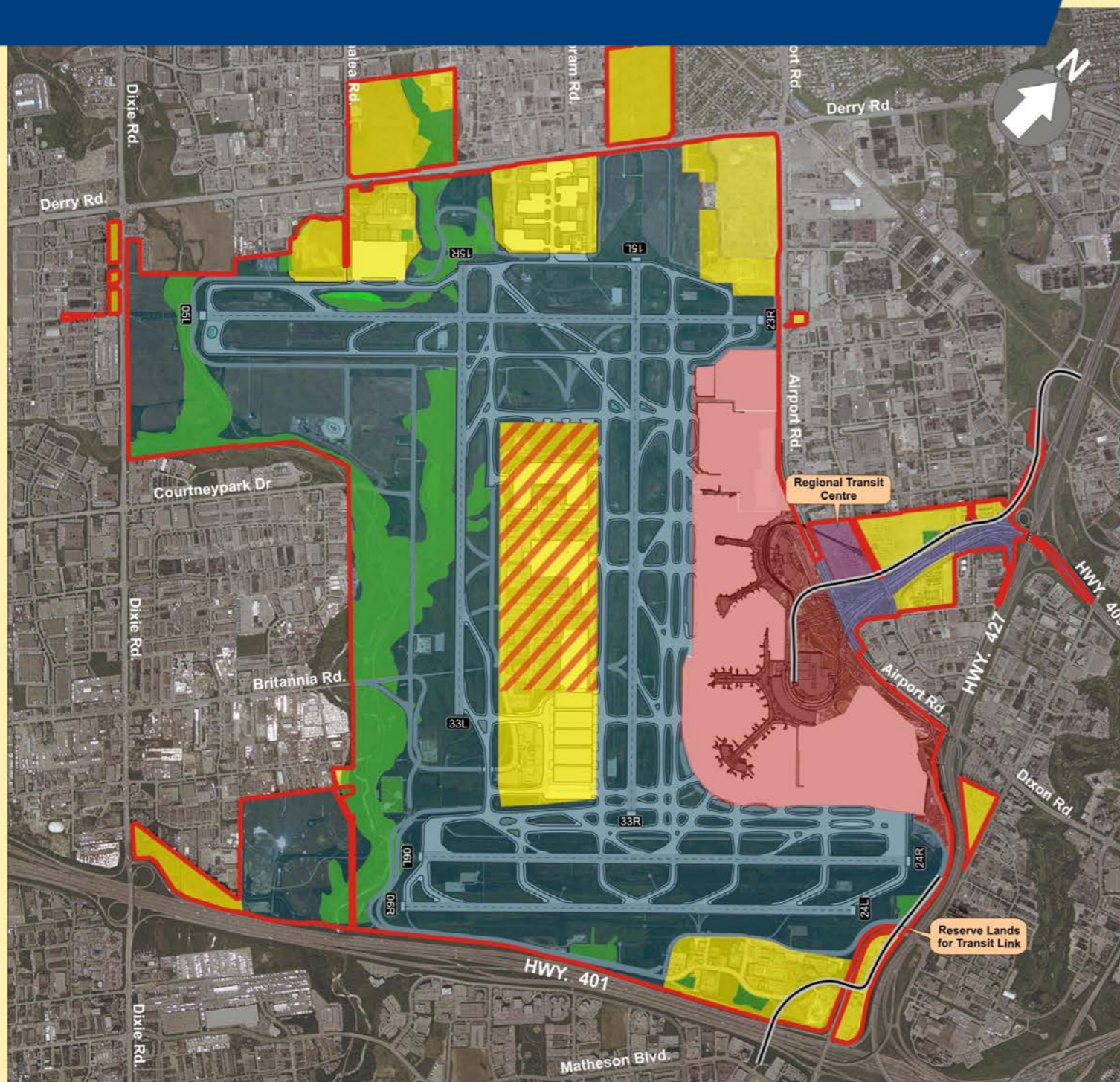
700,000 jobs

2037





Planning for growth



Airport Development Plan



AIRPORT DEVELOPMENT PLAN

	Airport Boundary		Airfield
	Airport Environmental Protection Areas		Other Airport Development
	Passenger Terminal Facilities		Regional Transit Centre
	Passenger Terminal Complex Access Lands		
	Other Airport Development with Optional Passenger Terminal Facilities		

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 terminal area. A large blue semi-transparent rectangle is overlaid on the center of the image, containing white text. 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

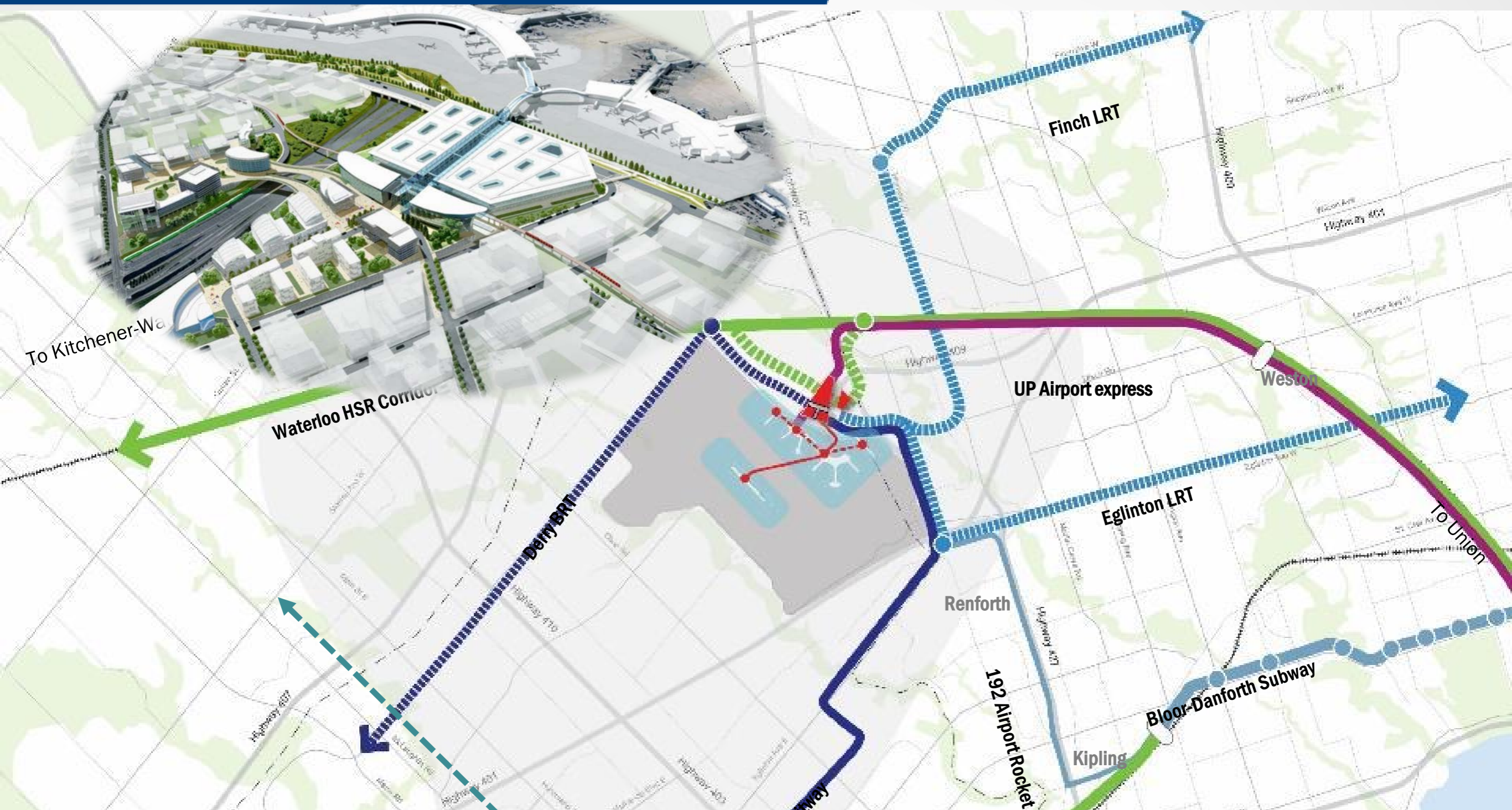
50%

Hong Kong

60%

Shanghai
Pudong

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

Robyn Connelly

Director, Community Relations, 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

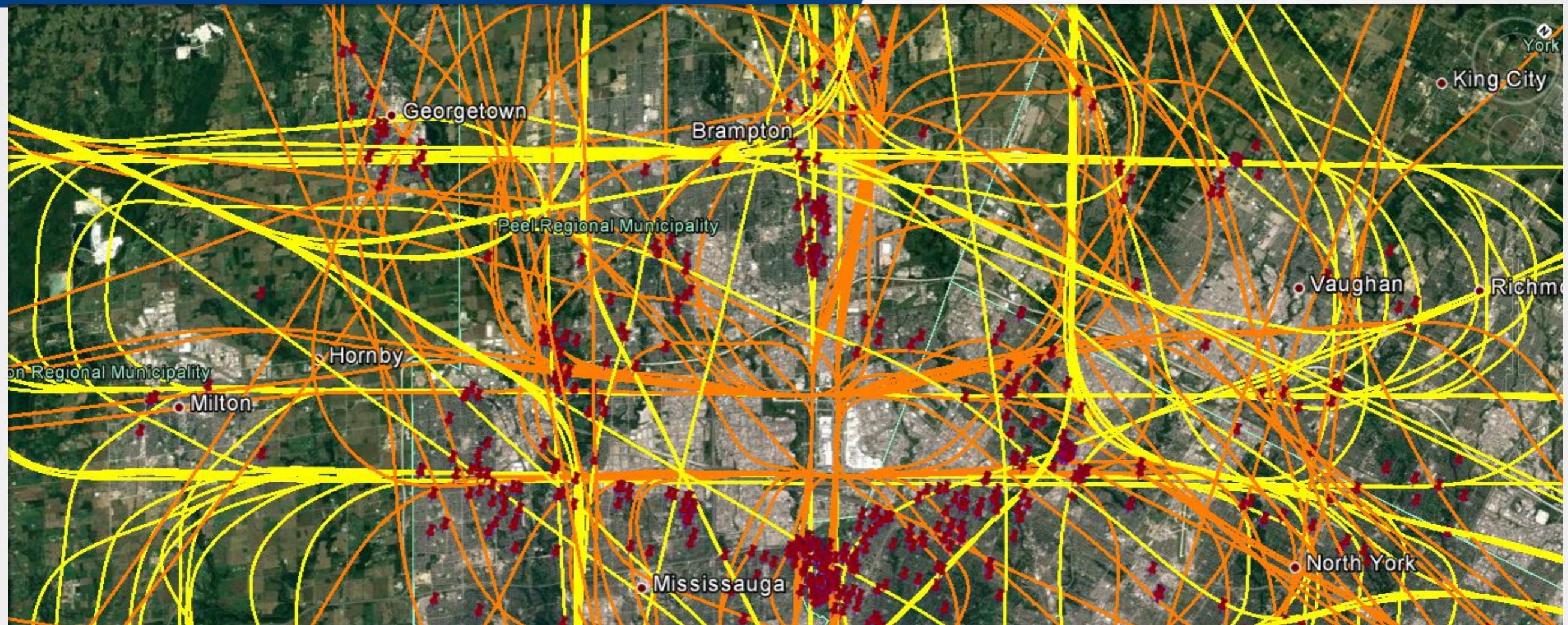
Land Use Planning

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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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



Toronto Pearson