

An aerial photograph of Toronto Pearson International Airport. The image shows the main terminal building with its distinctive curved roof, numerous aircraft parked at gates, and a complex system of highways and overpasses to the right. The surrounding area includes parking lots, taxiways, and a distant city skyline under a clear sky.

Noise Management at Toronto Pearson

CENAC

June 21, 2017



Toronto Pearson

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



Agenda

- Noise Management Roles + Responsibilities
- Noise Studies Update
- Timeline + Next Steps

Noise Management Roles

Transport Canada

- Regulator for aviation in Canada.
- Ensures Canadian aircraft are compliant with the international noise standards through the aircraft certification process.
- Establishes flight path design criteria.
- Establishes land use guidance based on noise exposure.
- Enforces noise and operations violations.
- Approves proposed changes to Noise Abatement procedures and Noise Operating Restrictions put forward by GTAA (published in the Canada Air Pilot).
- Conducts annual audits of the GTAA's management of the Night Flight program.
- Participates as technical member at Community Environment Noise Advisory Committee (CENAC).

Transport Canada



Noise Management Roles

Airlines

- Responsible for conducting operations in accordance with:
 - Transport Canada regulations,
 - Airport noise operating restrictions,
 - Noise abatement procedures.
- Participate as part of the Technical Noise Working Group.
- National Airlines Council of Canada (NACC) is airline representative as technical member of CENAC.



Noise Management Roles

NAV CANADA

- Air navigation service provider in Canada.
- Responsible for the safe and efficient movement of aircraft in Canadian domestic airspace and international airspace assigned to Canadian control.
- Designs and publishes network of air routes according to Transport Canada design criteria.
- Assigns runways at Toronto Pearson considering the preferential runway system, winds, weather and other factors.



Noise Management Roles

Greater Toronto Airports Authority



- Operator and manager of Toronto Pearson International Airport.
- Develops and manages:
 - Noise management program
 - Noise abatement procedures
 - Noise Information Office
- Investigates incidents of potential non-compliance to Noise Operating Restrictions and Noise Abatement Procedures and recommends enforcement to Transport Canada.
- Explores new opportunities for noise mitigation.
- Responsible for runway maintenance.
- Supports the Community Environment Noise Advisory Committee (CENAC).

Noise Management Roles

CENAC

- The Community Environment Noise Advisory Committee (CENAC) advises the GTAA on noise management and environmental policies.
- Recommends measures to improve the GTAA's noise mitigation and environmental programs.
- The committee includes elected representatives and residents from the Cities of Brampton, Mississauga, and Toronto, as well as the Regions of Halton, York, and Durham.
 - These representatives are appointed by the municipalities or Regions they represent.
 - Committee meets four or five times per year and is open to members of the public.

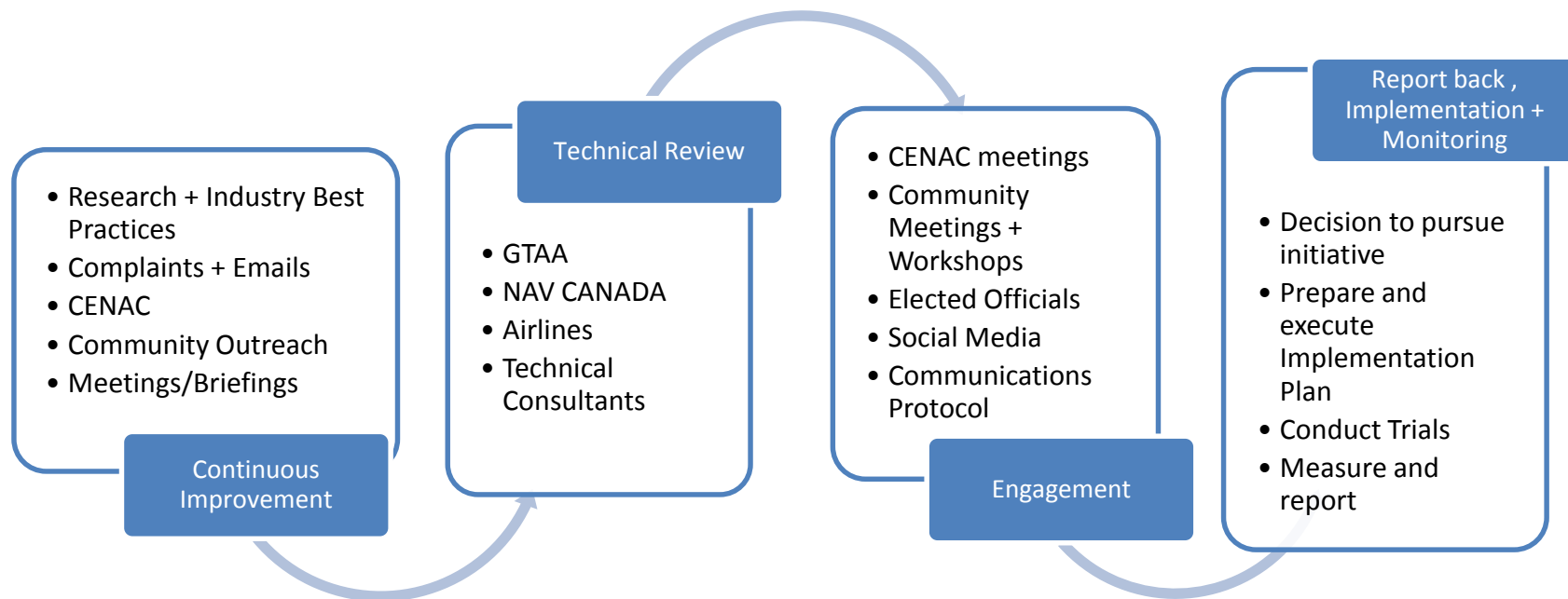
Noise Management Roles

Community Members

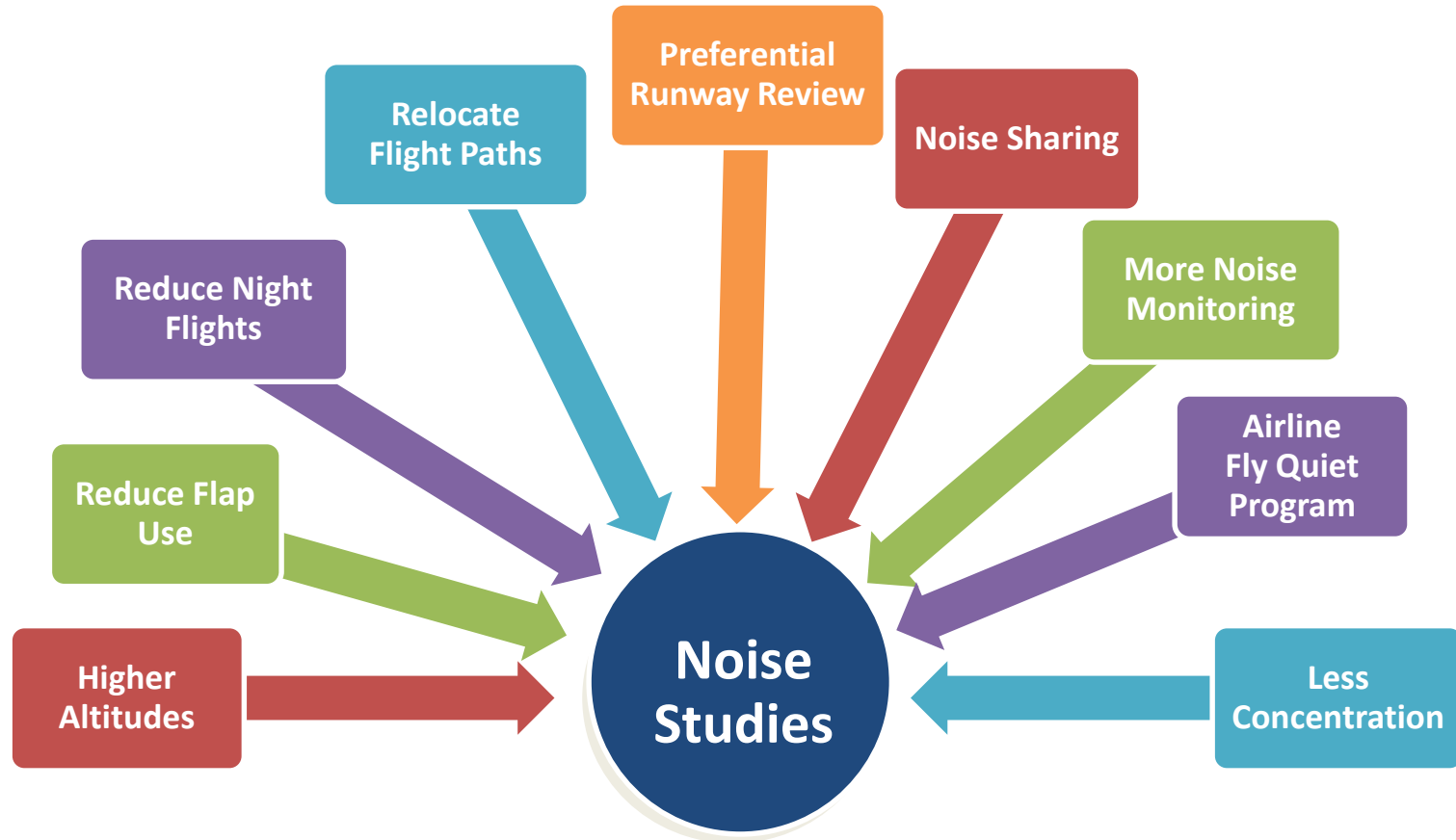
- Community members play an active role in noise management by participating in:
 - consultations;
 - CENAC meetings; and
 - providing feedback about aircraft noise.
- It is this feedback that has informed many of the noise studies underway.



Noise Management



What we heard



Three Noise Studies

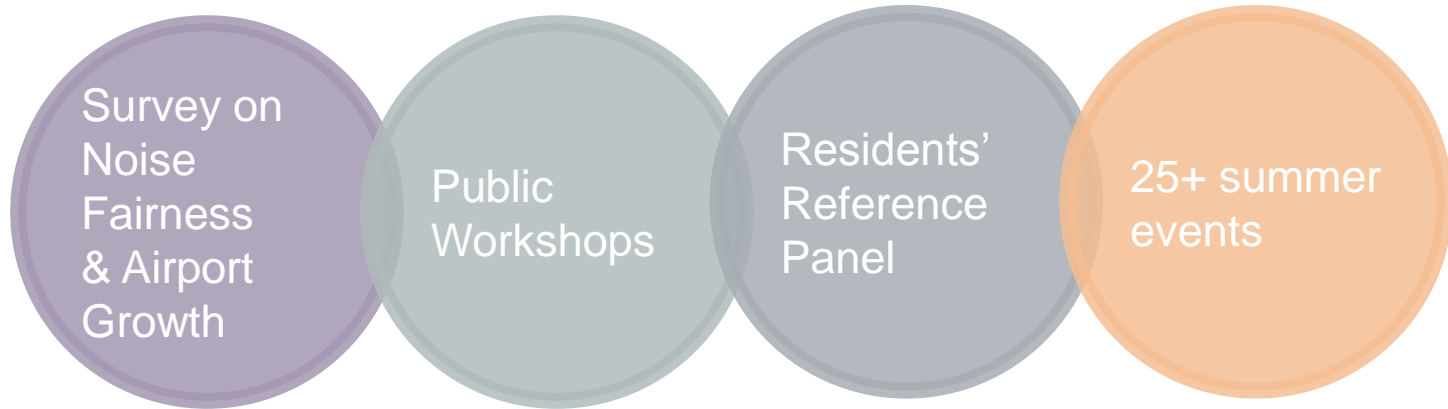
GTAA and NAV CANADA have distinct roles.

NAV CANADA manages the use of airspace and runways, while the GTAA recommends runway plans and manages the volume and timing of flights.

The three ongoing studies are:

1. GTAA and NAV CANADA's Toronto Noise Mitigation Initiatives (The 6 Ideas)
2. NAV CANADA's Independent Toronto Airspace Noise Review
3. GTAA's Noise Management Benchmarking Study

Several initiatives we have underway this summer to hear from residents on these pieces:



Meet the Reference Panel

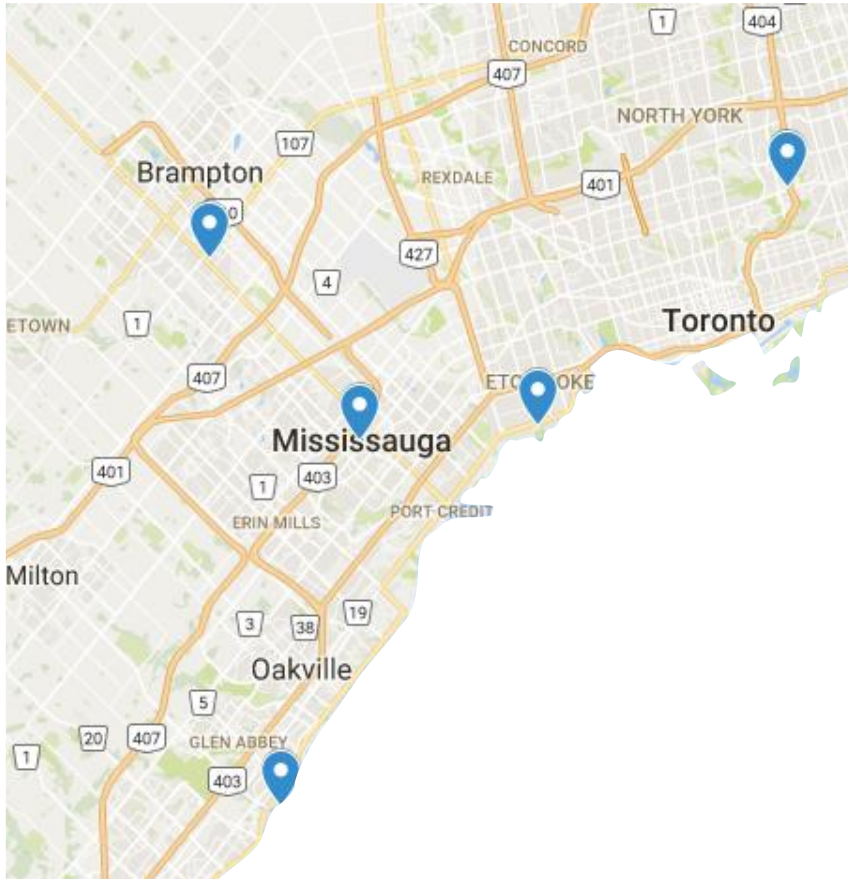
Volunteers who represent the perspectives of communities across the GTA



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

Public Workshops



Tuesday, June 20

East of the airport
6:30 p.m. to 8:30 p.m.
Ismaili Centre
49 Wynford Drive
North York, Ontario 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, Ontario L6W 1Y1

Wednesday, June 28

6:30 p.m. to 8:30 p.m.
Assembly Hall
1 Colonel Samuel Smith Park Drive
Etobicoke, Ontario 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, Ontario L6L 6P7

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**

**Completion of technical
analysis on 6 Ideas**

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



**Toronto
Pearson**

Questions?

