

Toronto Pearson's Noise Management Action Plan

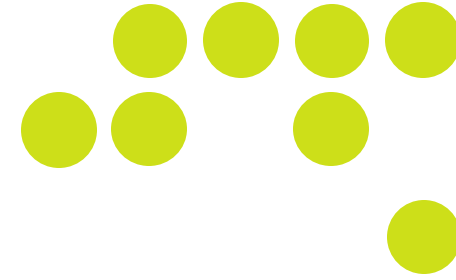
Envirosuite Aviation Noise and Environmental Forum

Salza Kassam

Background



Noise Management at Toronto Pearson



Based on ICAO's Balanced Approach to Aircraft Noise Management:

Reduction of noise at source

Land use planning and management

Noise abatement operational procedures

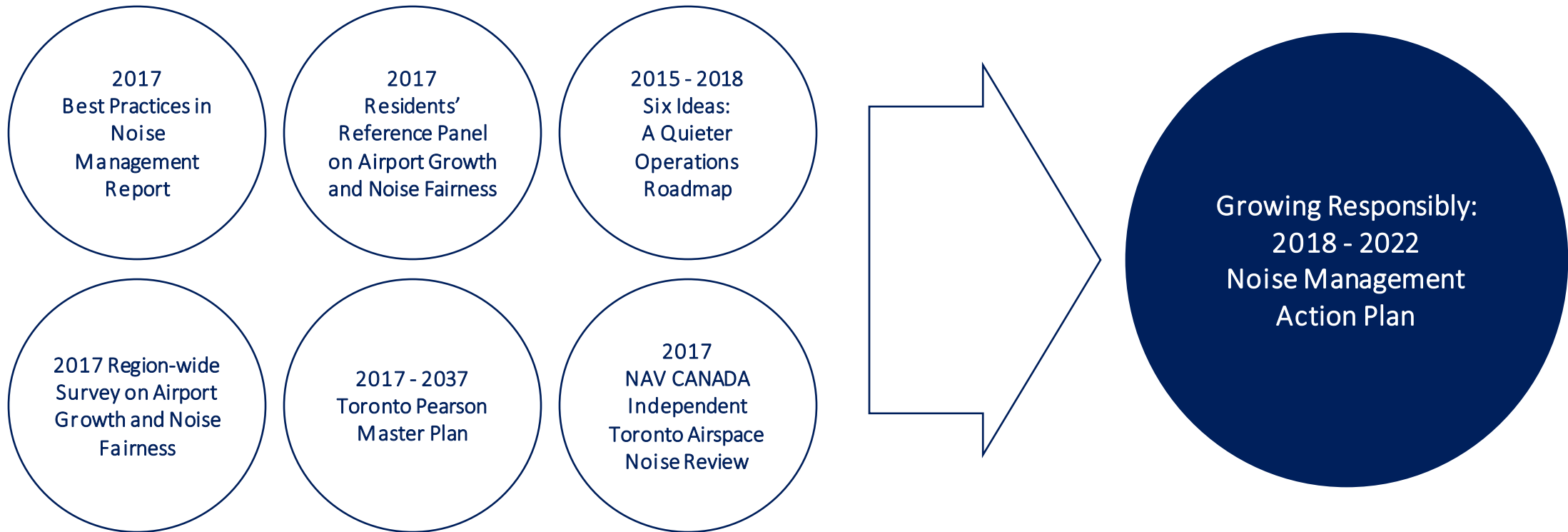
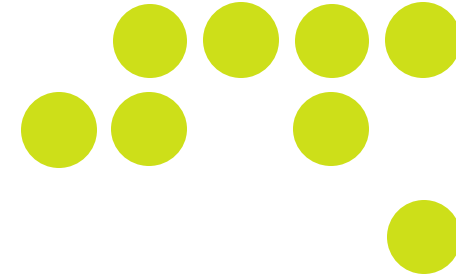
Operating restrictions

Program reviewed every 5 years to issue a new Noise Management Action Plan (NMAP)

Allows us to continuously evolve the Noise Management Program

Shows commitment while maintaining our social license to grow

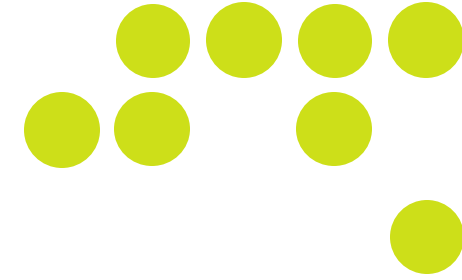
The Inputs



2018-2022 Noise Management Action Plan



2018-2022 Noise Management Action Plan



10 commitments delivered through 9 programs

1. We will collaborate better as an industry
2. We will work smarter with our communities
3. We will protect our neighbours
4. We will help our neighbours sleep better
5. We will have Canada's quietest fleet
6. We will do more to understand our impacts
7. We will limit surprises
8. We will continue to take care of the environment
9. We will lift up our communities
10. We will always look for opportunities to improve

**Night Flight
Restrictions**

**Communications,
Outreach &
Noise
Committees**

**Noise
Complaints**

**New
Quieter Fleet
Incentive
Program**

**New
Fly Quiet
Program**

**Noise
Reporting
and Metrics**

**Noise
Abatement
Procedures**

**Land Use
Planning**

**Runway
Usage**

A QUIETER OPERATIONS ROADMAP

Six Ideas to reduce noise impacts for our neighbours
Public Engagement Report

JULY 2018

JOINTLY PRESENTED BY:





How does Toronto Pearson operate?



What operations are over my area?



Has something changed?



How is noise managed?



Does the airport close at night?



Interactive Reports and Statistics



How much has the airport grown over time?

While the impacts of COVID-19 on the aviation industry are still evolving, the airport and its surrounding communities have grown over time.

[Read more](#)



Have traffic levels changed over my area?

View an interactive report on how air traffic levels vary over your area.

[Read more](#)



Have the flight paths changed?

The flow of air traffic can change for many reasons, which may make it seem like aircraft are flying different routes.

[Read more](#)



Have there been any recent changes with traffic returning post-pandemic?

How the airport operates will continue to evolve as traffic returns.

[Read more](#)



How does maintenance work impact operations?

Our taxiways and runways need regular maintenance to keep them in good shape.

[Read more](#)



2022 RUNWAY REHABILITATION



SAFETY

The project will ensure the continued safety of thousands of drivers.



BUILDING BACK BETTER

This work will contribute millions of dollars to the local economy, create thousands of jobs by generating approximately 200,000 person-hours of work, and contribute to sustainable practices and resilient recovery to combat climate change.



WORKING GREENER

The project will include upgrades to more than 1,000 LED lights. Older equipment is being replaced with energy-efficient LED lighting. The project will also include upgrades to the runway's drainage system and the installation of new materials to build approach roads near the runway.



STAY IN THE KNOW

Check our dedicated runway rehabilitation page: torontoairport.com/runwayrehab. Sign up for our monthly newsletter: torontoairport.com/newsletters. Learn more about airport operations and community projects: torontoairport.com.

Complaints

2022 - 2023

■ 2022 ■ 2023

Individuals

■ 2022 ■ 2023

Runway - All Hours

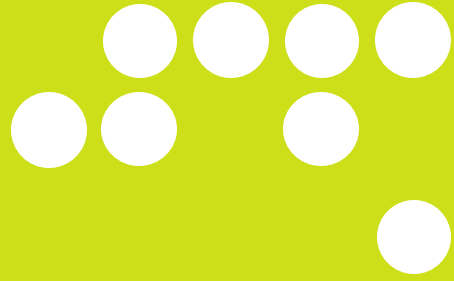
Runway - Preferential Hours (12:00 a.m. - 6:29 a.m.)

Runway - Restricted Hours (12:30 a.m. - 6:29 a.m.)

7

What's Next?





The COVID-19 pandemic made us pause on some of the proposed initiatives – we know we need to be more dynamic to enable recovery but also to respond to major disruptions in the future.

How do we continue to be a responsible neighbour while also ensuring that we have the flexibility to operate as we need to and grow?

So where do we go from here?



Have we saturated what's possible in traditional Action Plans?
What are the hot new 'it' noise management programs?



We are adopting tools to be more transparent with residents. The intent is to minimize surprise and educate why certain things are happening, but are we reducing our ability to be dynamic?



What role does sustainability/ESG play?

Thank You

