

Airport growth and transportation at Toronto Pearson

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A mega hub airport to support growth

Today

49 million passengers
79% of global economy
6.3% of Ontario GDP (\$42B)
332,000 jobs facilitated



2037

85 million passengers
80+% of global economy
8.5% of Ontario GDP
700,000 jobs facilitated



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

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

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

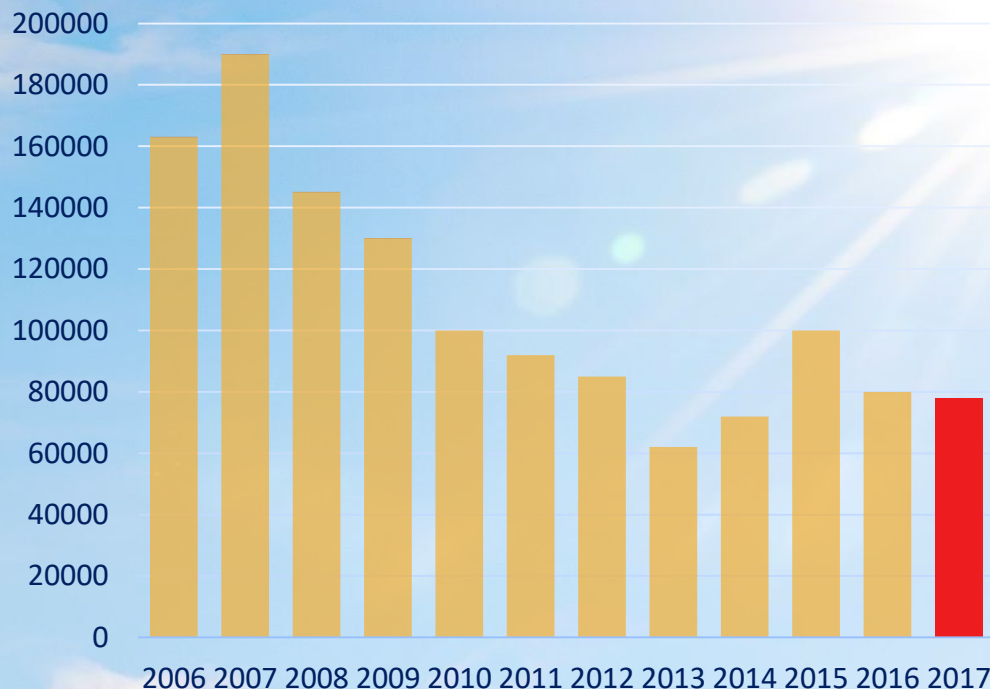
Growing responsibly and sustainably



Reducing GhG through facility improvements

**Scope 1 & 2 emissions
from airport facilities
have been reduced
over 50% since 2006**

ANNUAL GHG EMISSIONS

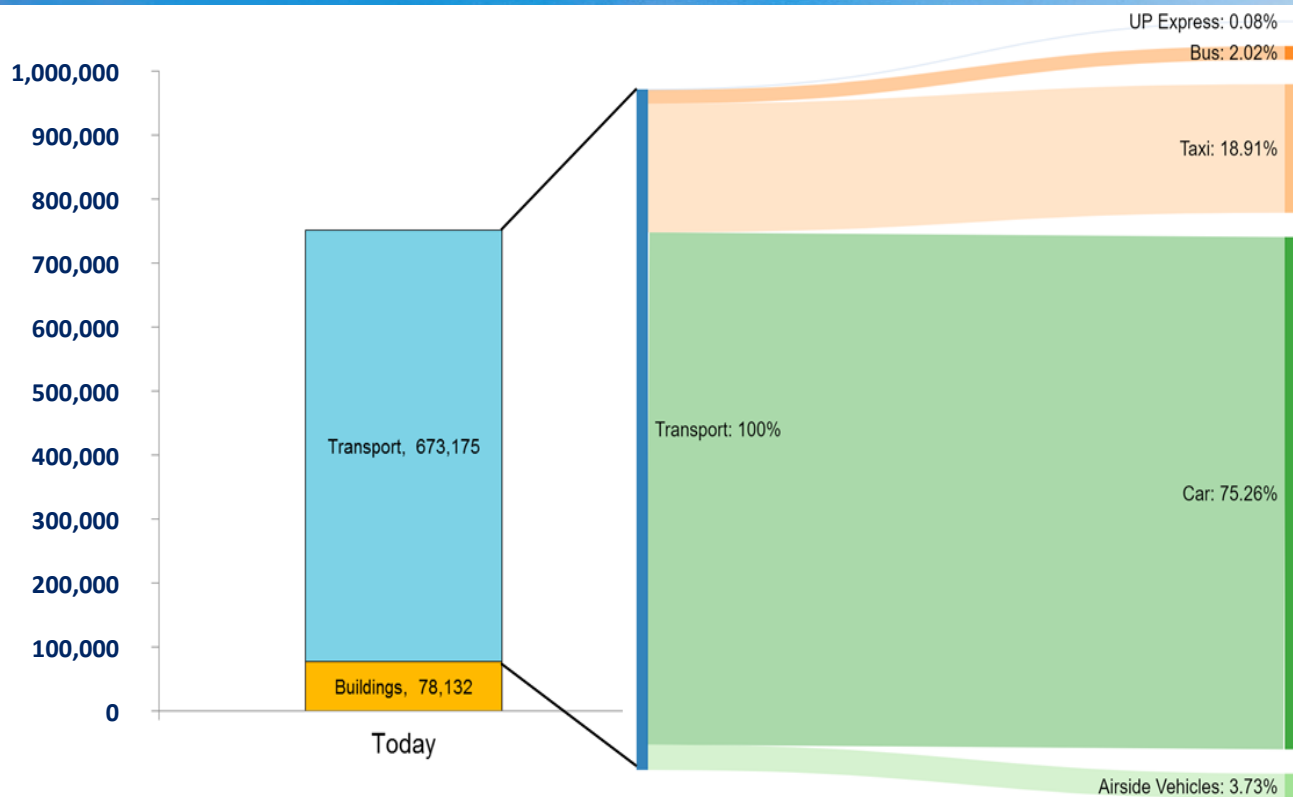


Shifting focus leads to significant GhG impact



Toronto Pearson

Annual Metric Tonnes of CO₂eq Emissions



The impacts of traffic congestion



Driving
times to
rise **30%**
in the next
20 years

1 million
trips per
day in the
airport
area

Congestion
costs the
economy
\$6 billion
a year

The vision



Transit mode share

Fewer than
10% of
Toronto Pearson
passengers use
public transit

LHR =
36%

AMS =
40%

HKG =
50%

PVG =
60%

Technologies to reduce GhG from ground transportation



- Electric cars
- Electric taxis



- New line
- Reduced headway

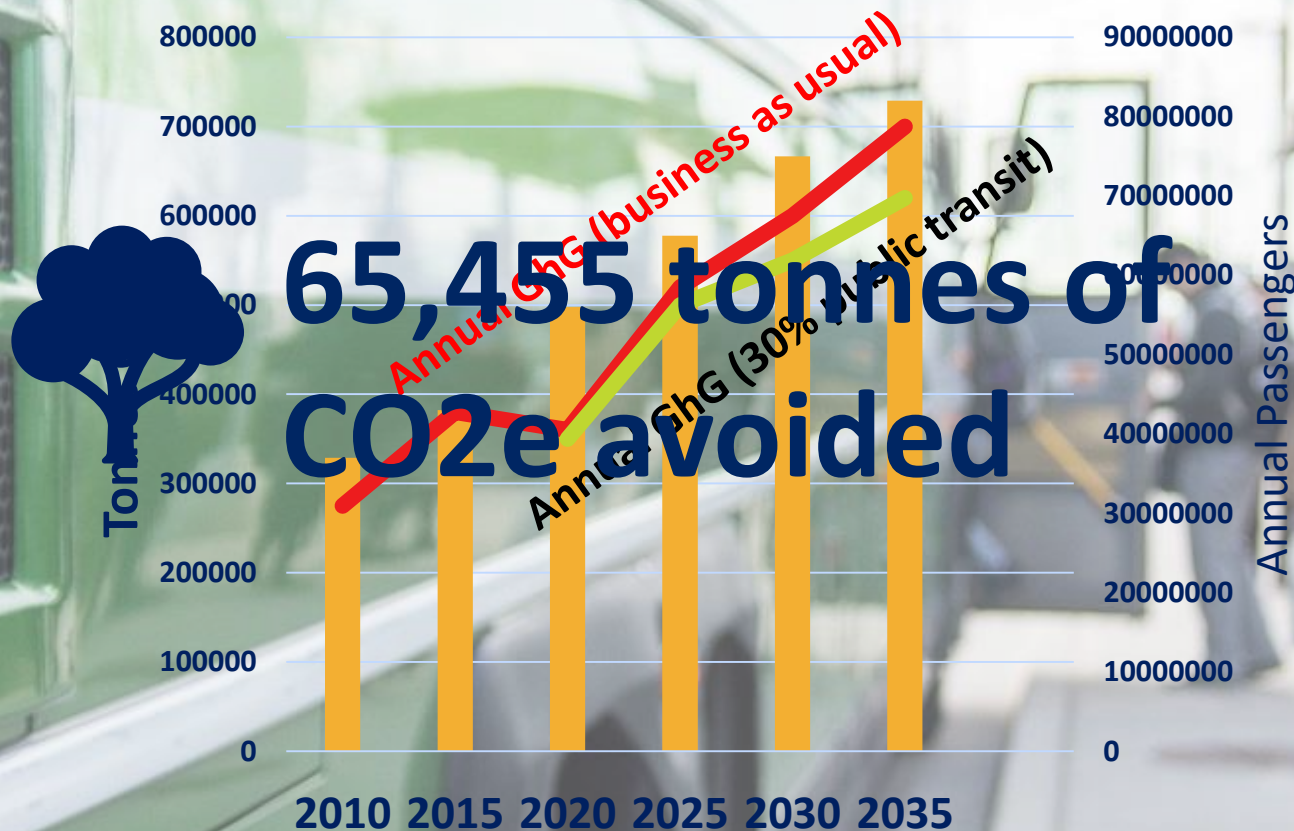


- Electric hydrogen
- Electric hybrid
- New CNG



- Public transport eTicketing
- eBRT new lines

How mode shift can impact GhG



An aerial photograph of a large airport complex. In the foreground, a complex multi-level highway interchange with several overpasses and ramps is visible. To the left of the interchange is a large, modern terminal building with a curved roof and a large parking lot filled with cars. To the right of the terminal is a large, open tarmac area with several aircraft parked. In the background, the airport's runways and taxiways stretch out towards a distant city skyline under a hazy sky.

Questions?