Airport growth and transportation at Toronto Pearson

Todd Ernst,
Director, Aviation Infrastructure, Energy & Environment
Greater Toronto Airports Authority
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
<table>
<thead>
<tr>
<th>Rating</th>
<th>Percentage</th>
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<td>Rated #1 large airport in North America</td>
<td>50% of Canada’s air cargo</td>
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Growing responsibly and sustainably
Reducing GhG through facility improvements

Scope 1 & 2 emissions from airport facilities have been reduced over 50% since 2006
Shifting focus leads to significant GhG impact
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
Pearson envisions a new major transit hub, located at the airport, benefitting the entire region.
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

65,455 tonnes of CO₂e avoided

Annual Passengers

Tonnes CO₂e avoided

Annual CO₂e (business as usual)

Annual ShG (30% public transit)
Questions?