

Transport Canada Update to the ASCENT Advisory Board

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April 3, 2018



Purpose

Update on Government of Canada's priorities and Transport Canada's activities related to aviation research.





Pan-Canadian Framework on Clean Growth and Climate Change

- Announced in December 2016:
 - 4 pillars: pricing carbon pollution, reduction of emissions across the economy, adaptation and climate resilience, clean technology, innovation and jobs
- Reduction of GHG emissions by 30% below 2005 emission levels by 2030
- Implementation underway in collaboration with Provinces and Territories, and Canadians
- Central piece is carbon pricing
 - Already in place in GC, QC, ON, AB
 - Two approaches: carbon tax or cap-and-trade system



Greening Government Strategy

- Announced in December 2017
 - Reduction of GHG emissions by 40% by 2030 and by 80% by 2050
 - Carbon-neutral beyond 2050
- 28% GHG emission reduction as of April 2017 from 2005 levels
- Target fleets (air, marine and road) and buildings
- Transport Canada air emissions down from 14% in 2005 to 4% in 2017

Transport Canada Activities

- Release of the 2016 Canada's Action Plan to Reduce GHG Emissions from Aviation in December 2017:
 - Aspirational goal to improve fuel efficiency by 2% annual average until 2020 from 2005 baseline
- Clean environment and programs
 - Build in Canada Innovation Program – Challenges Initiative
 - Pre-qualified innovation for testing
 - Own specific challenge project
 - Impact Canada Initiative
 - Alternative jet fuel challenge
- Development of new contribution agreement with the FAA to support research by ASCENT – 5 years