



Major expansion with NAV
Canada validates airspace
carbon optimisation solution.
New market opportunity to drive
further EVS Aviation growth.

NAV Canada expands relationship with Envirosuite, scaling airspace carbon optimisation technology to additional airport sites

- NAV Canada is the national Air Navigation Service Provider (ANSP) for Canada, responsible for managing and guiding air traffic safely and efficiently across the nation's 18m sq km airspace.¹
- A recognised leader in driving sustainable and efficient aviation, NAV Canada is focused on delivering three interconnected initiatives to transform and optimise the management of its airspace, delivering better outcomes for customers, stakeholders, and the environment including reduced carbon emissions.²
- NAV Canada first selected Envirosuite in 2023 to measure and report on a broad range of airspace efficiency metrics at the four major Canadian airports (Vancouver, Calgary, Montreal and Toronto).
- With the solution successfully implemented at all four airports, NAV Canada has agreed to scale the technology to additional airport sites.
- With this airspace carbon optimisation solution now validated by one of the world's leading ANSPs, Envirosuite plans to leverage its relationship with NAV Canada to pursue this market opportunity globally.

1 - <https://www.navcanada.ca/en/corporate/about-us.aspx>

2 - <https://www.navcanada.ca/en/our-strategic-direction.aspx>

ANSPs critical to aviation's commitment to fly Net Zero by 2050, with Envirosuite well-positioned to support the industry

- The aviation industry contributes approximately 2.5% of global CO₂ emissions, but has contributed approximately 4% to global warming.¹
- In October 2021, the global aviation industry declared that it will achieve net-zero carbon emissions by 2050, supported by accelerated efficiency measures, energy transition and innovation across the aviation sector and in partnership with Governments around the world.²
- The *Waypoint 2050* report, published in support of the United Nations' Sustainable Development Goals, identifies "continued improvements in efficiency of operations and infrastructure across the system, including at airports and by air navigation service providers" as a key element to achieving aviation decarbonisation.³
- Calls to action detailed in the *Waypoint 2050* report⁴, which align strongly with Envirosuite's core value propositions, include:
 - Implement optimised flight profiles as air traffic volumes recover to pre-pandemic levels and grow beyond
 - Collaborate to speed up investigating, testing and certification of new efficiency measures
 - Encourage efficiency action throughout the system
 - Pursue community and aviation system engagement on new procedures and techniques for air traffic management
- There are some 160 ANSPs globally⁵, 96 of which are members of leading air traffic management industry association CANSO.⁶



1 - <https://atag.org/industry-topics/climate-action>

2 - <https://sdgs.un.org/partnerships/commitment-fly-net-zero-2050>

3 - https://aviationbenefits.org/media/167417/w2050_v2021_27sept_full.pdf

4 - <https://kpmg.com/ie/en/home/insights/2024/09/air-navigation-service-providers-fs-aviation-2030.html>

5 - <https://canso.org/>

Envirosuite's world-leading aviation innovation credentials further validated with significant expansion under NASA X-59 QueSST mission

- The NASA X-59 QueSST (Quiet SuperSonic Technology) mission is an initiative aimed at developing a supersonic aircraft that does not produce loud sonic booms typically associated with supersonic flight. The mission's primary goal is to reduce the noise of a sonic boom to a quieter "thump".¹
- As part of the QueSST mission, Envirosuite's technology is a cornerstone of a long-term project to perform community response testing across the United States to understand how people respond to hearing the quieter sonic booms.
- If successful, the mission would open the door to regulatory change and approved supersonic flight over land which would transform the aviation industry globally, enabling passengers to travel anywhere in the world in half the time it takes today.²
- The expansion has a \$2.9m TCV for Envirosuite and will be completed over the coming 18 months while the larger contract between NASA and the consortium of which Envirosuite is a part of is a long-term multi-year agreement.
- The expansion order was signed in FY25 Q1 and the project commenced in Q2, with the Company now recognising revenue.

1 - <https://www.nasa.gov/quesst-the-mission/>

2 - <https://www.lockheedmartin.com/en-us/products/x-59-quiet-supersonic.html>



Summary

Airspace carbon optimisation:

- Canadian ANSP NAV Canada expands its relationship with Envirosuite, scaling its airspace carbon optimisation solution to additional airport sites.
- There are some 160 ANSPs globally, 96 of which are members of leading air traffic management industry association CANSO. Envirosuite plans to leverage its relationship with NAV Canada to pursue this market opportunity with ANSPs globally.
- The aviation industry has declared it will achieve net-zero carbon emissions by 2050, with operations and infrastructure efficiency improvements requiring significant collaboration between ANSPs and airports possible achievable in the short-term.
- These improvements are closely aligned with Envirosuite's existing core value propositions, positioning the Company strongly to support the industry in achieving its sustainability commitments.

NASA project expansion:

- Expansion of community response testing project (as part of broader NASA X-59 QueSST mission) of which Envirosuite's technology is a cornerstone, with a \$2.9m TCV for the Company to be completed over 18 months.
- The expansion order was signed in FY25 Q1, with the Company now recognising revenue.



EVS Aviation outlook

- Global air traffic volume returned to 99% of pre-pandemic levels in November 2023¹ and was expected to surpass 100% in 2024.²
- From 2023, total passenger traffic was predicted to grow at 4.3% CAGR to nearly 20 billion passengers by 2042.³
- The aviation industry is committed to achieving Net Zero emissions by 2050, with the potential efficiency improvements in operations and infrastructure management able to be realised more quickly than other future innovations in technology and sustainable aviation fuel.⁴
- Envirosuite continues to demonstrate its leadership position in the aviation industry and is well-positioned to support the industry's future growth and sustainability commitments.

1 - <https://www.iata.org/en/pressroom/2024-releases/2024-01-10-01/>

2 - <https://www.icao.int/Newsroom/Pages/Passenger-air-traffic-surpasses-pre-pandemic-levels.aspx>

3 - <https://aci.aero/2024/02/13/the-trusted-source-for-air-travel-demand-updates/>

4 - https://aviationbenefits.org/media/167417/w2050_v2021_27sept_full.pdf

