



airservices australia

Nik Mungilwar Senior Sustainability Specialist

OCTOBER 2023

Who we are?



AIR TRAFFIC MANAGEMENT & AVIATION RESCUE FIRE FIGHTING SERVICE

-Australian Flight Information Regions; sovereign airspace, over oceans and Solomon Islands and Nauru.

-Biggest ARRFS fleet in country

-Support Services to support the industry



KEY STATISTICS





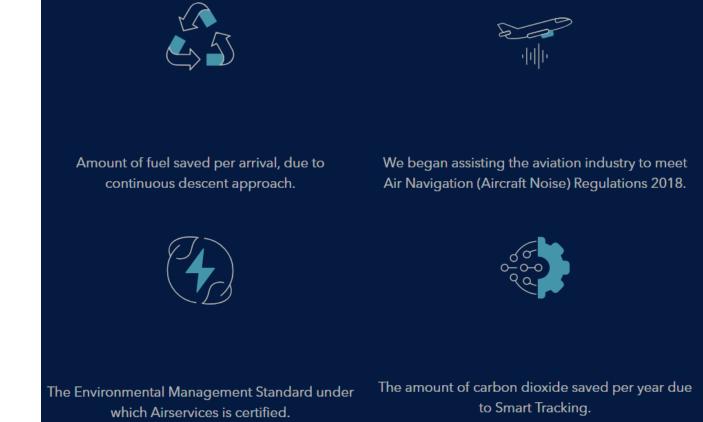
What are we doing?

OUR APPROCH TO ENVIRONMENT AND SUSTAINABILITY

Support and assist the industry to grow while we minimise impact on Environment via disciplined approach to mentioned in policy and Strategy.

CLIMATE CHANGE

We recognise that our industry plays a vital role in addressing the challenges, we face with climate change, global warming and the need to reduce our carbon footprint.

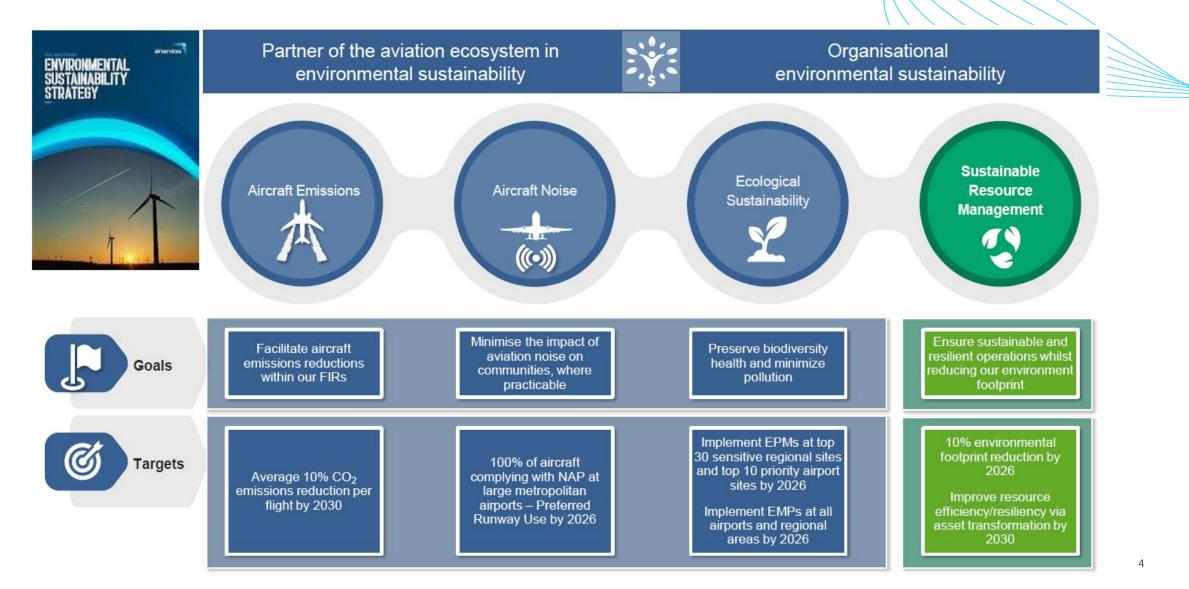




Environmental Sustainability Strategy

TARGET OF 10% REDUCTION BY 26 AND NET ZERO BY 2050





Aircraft Emissions & Community

AIRCRAFT EMISSION

Shared Use Airspace Trajectory based operations Route Optimisation

Aircraft noise complaints	Aircraft noise complainants	Total Co ₂ Emissions
13,677	1,168	3.3 Million Tonnes
▲ 255%	▲ 37%	▲ 30%

NOISE AND COMMUNITY

Improved balancing of competing flight path design constraints

Expansion of flightpath monitoring data

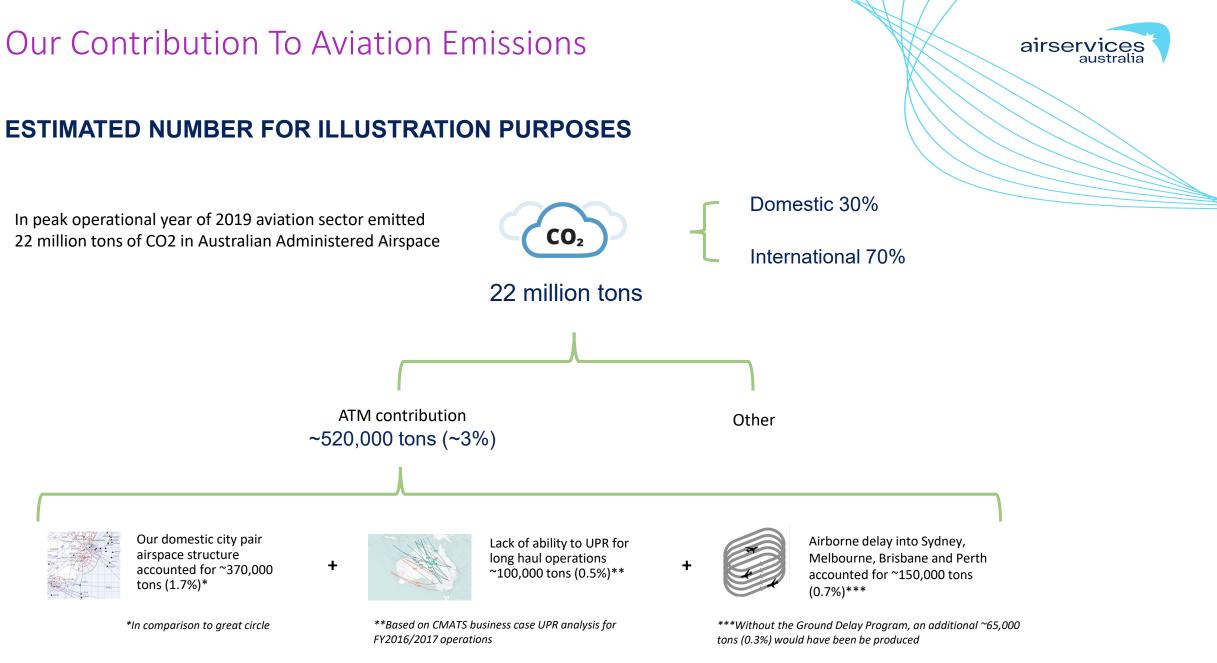
Continuous Descent Operations

Unmanned Traffic Management: Flight Information Management System

Source: Airservices Noise Complaints and Information Service (NCIS) and Airservices Operational Data Analysis Services (ODAS)

Aircraft noise complaints and complainants and CO2 Emissions in July/August 23 and year on year change.

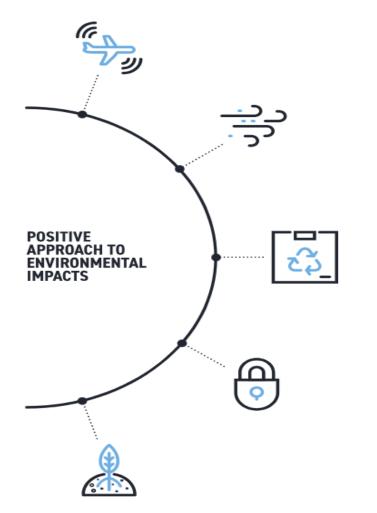
airservices australia



Environment

airservices

ENVIRONMENTAL MANAGEMENT SYSTEM



- EMS aligns with ISO 14001:2015
- Environmental Commitment and Governance
 - Emissions and air quality
 - Waste and pollution
 - Heritage
 - Land soils, water and biodiversity

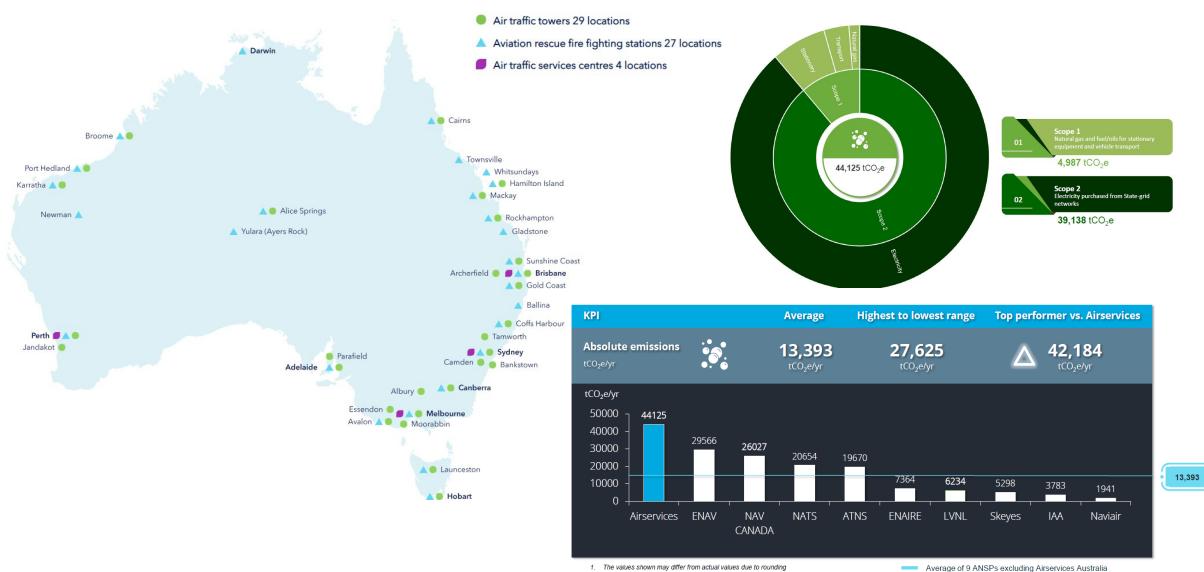
• How are we doing ?

- Biodiversity protection prioritisation
- Environmental Management Plans
- Environmental occurrences
- Conformance and risk management



Carbon Emission **NET ZERO BY 2050**





The values shown may differ from actual values due to rounding The values shown are subject to change 2

3. The values shown represent a mix of location- and market-based calculation methods for 2019

Sustainability

SUSTAINABILITY FARMWORK AND STANDARDS

Systematic Approach with long term focus Green Building Council Rating – Minimum 5 Star NABERS Rating – Minimum 5 star Above-ground environmental assessments On-ground environmental assessments Scope 1&2 – Electricity, fuel, solar etc

Projects strategy 10 Change Programs Facilities and Environment Key initiatives:

PFAS remediationEnvironmental sustainability

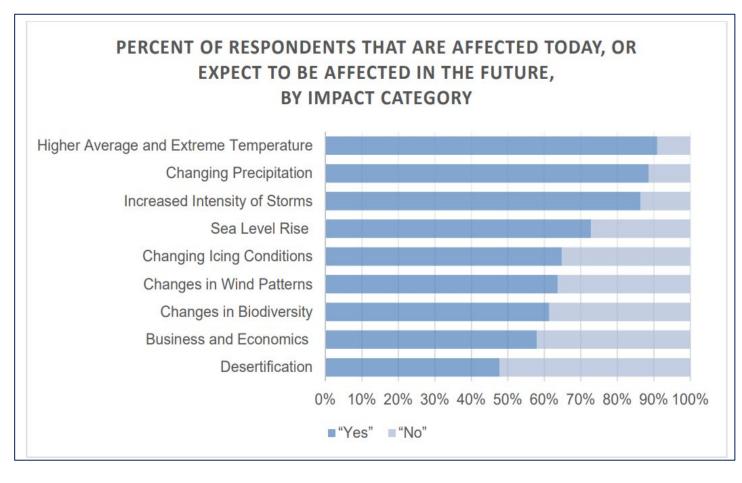


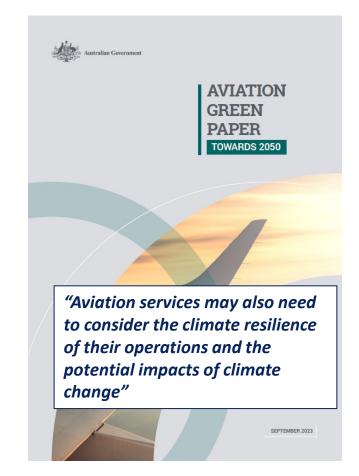
Striker Volterra 6×6 is a Plug-in Hybrid-Electric (PHEV) ARFF vehicle



Climate Change

NET ZERO BY 2050







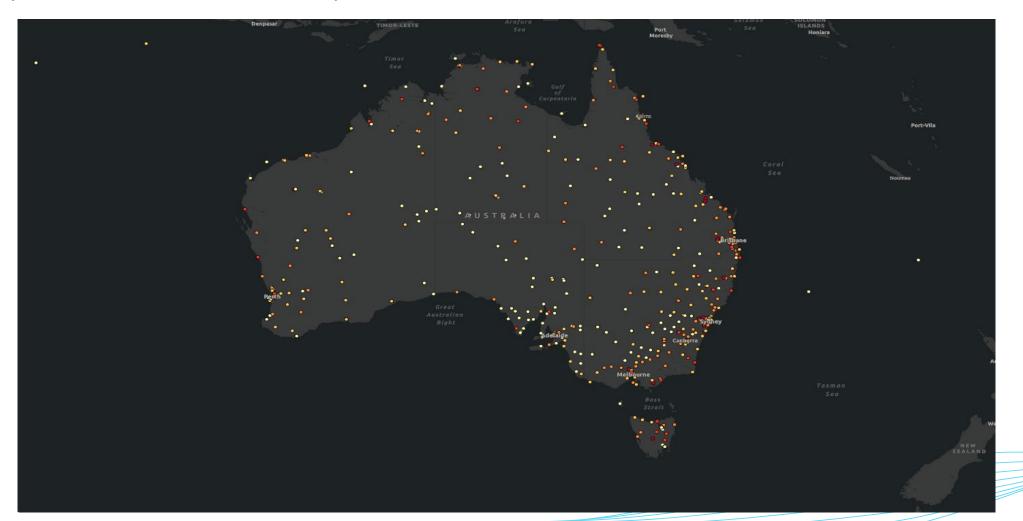
Climate Adaptation Synthesis (ICAO, 2018)

Climate Change

CLIMATE CHANGE IMPACT AND RESILIENCE PLANNING

Future proofing the services to the aviation sector

Enterprise level risk and Assets footprints across Australia



11



International Day of The Air Traffic Controller FRIDAY 20 OCT