



airservices australia

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# 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** 





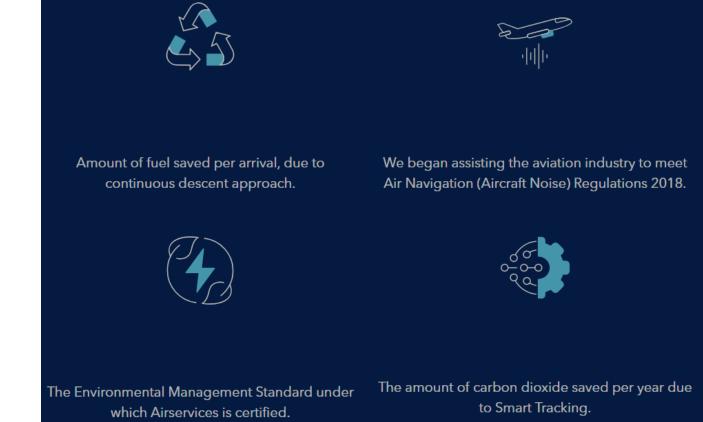
# What are we doing?

### **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.

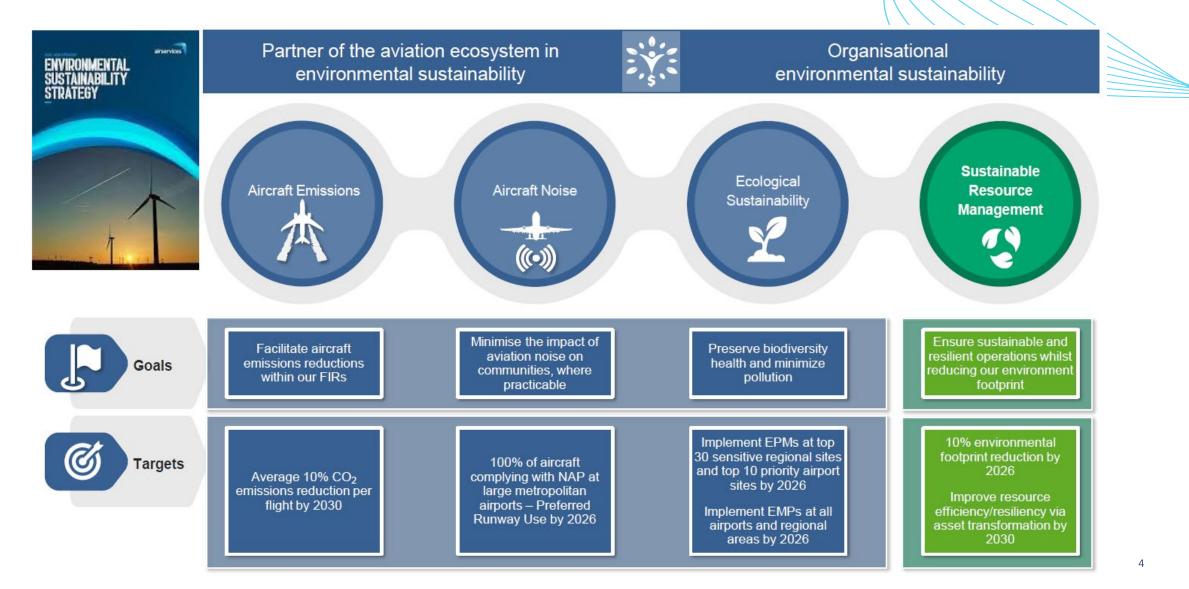




# Environmental Sustainability Strategy

### 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 <sub>2</sub> Emissions
13,677	1,168	<b>3.3</b> Million Tonnes
▲ 255%	▲ 37%	<b>▲ 30%</b>

### **NOISE AND COMMUNITY**

Improved balancing of competing flight path design constraints

Expansion of flightpath monitoring data

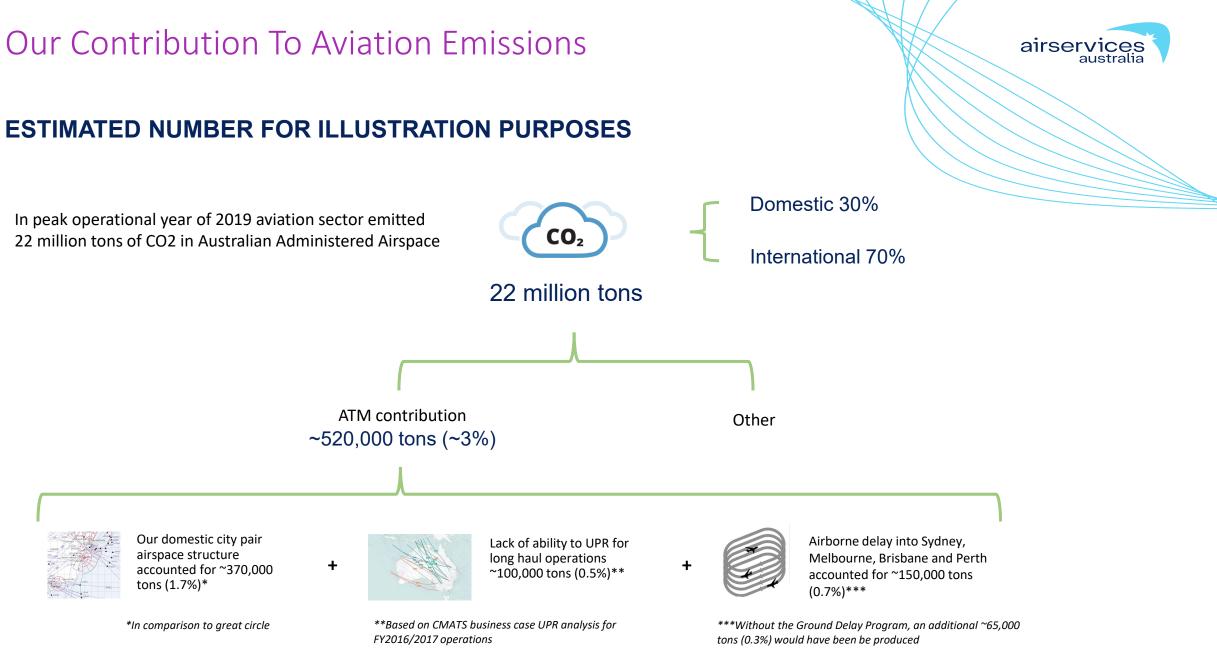
**Continuous Descent Operations** 

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.

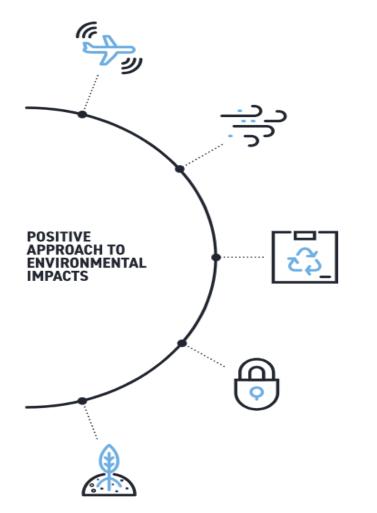
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# Environment

# 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

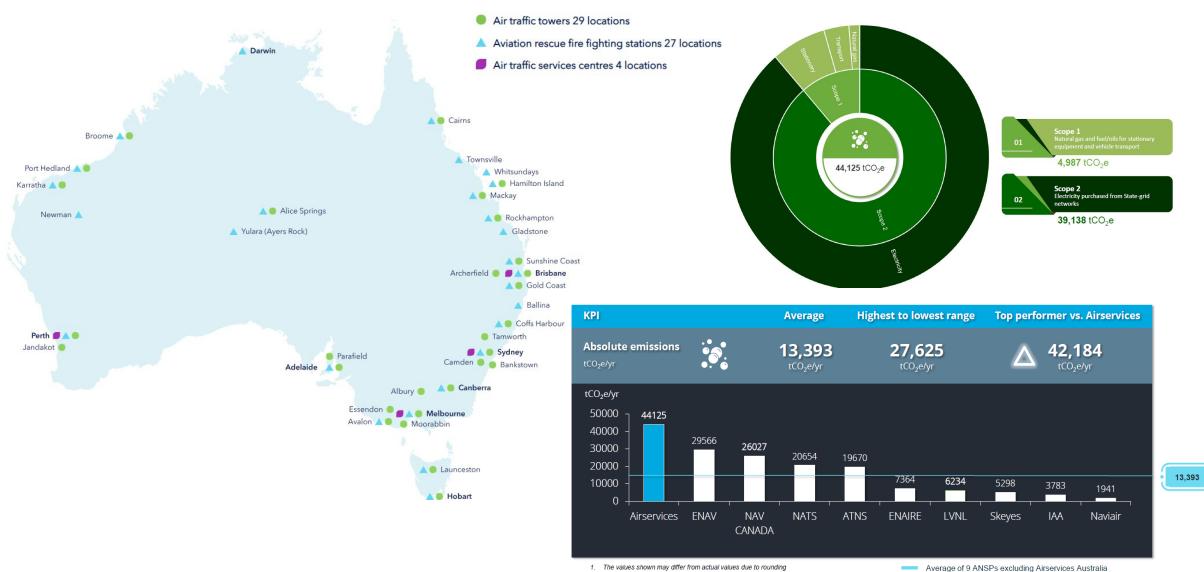
### • How are we doing ?

- 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

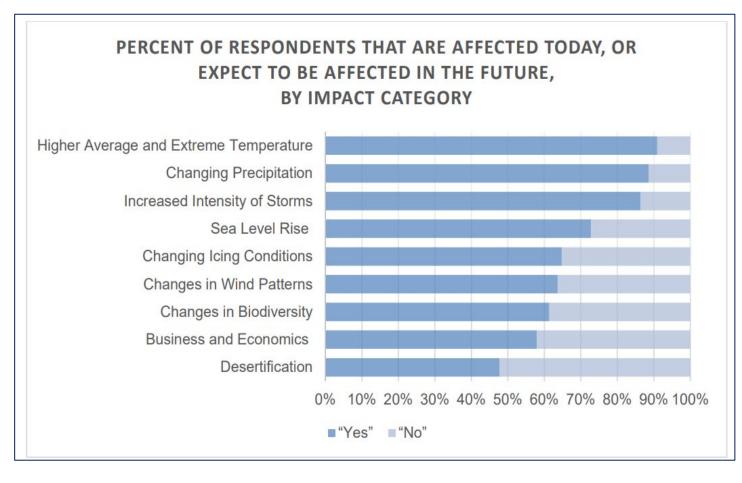


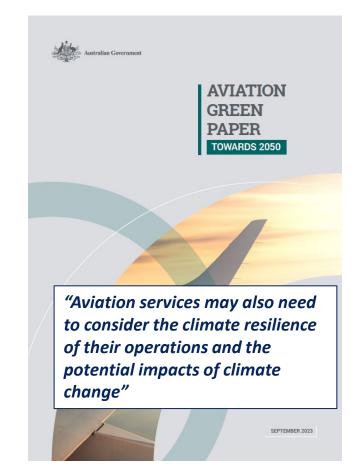
Striker Volterra 6×6 is a Plug-in Hybrid-Electric (PHEV) ARFF vehicle



# Climate Change

### NET ZERO BY 2050







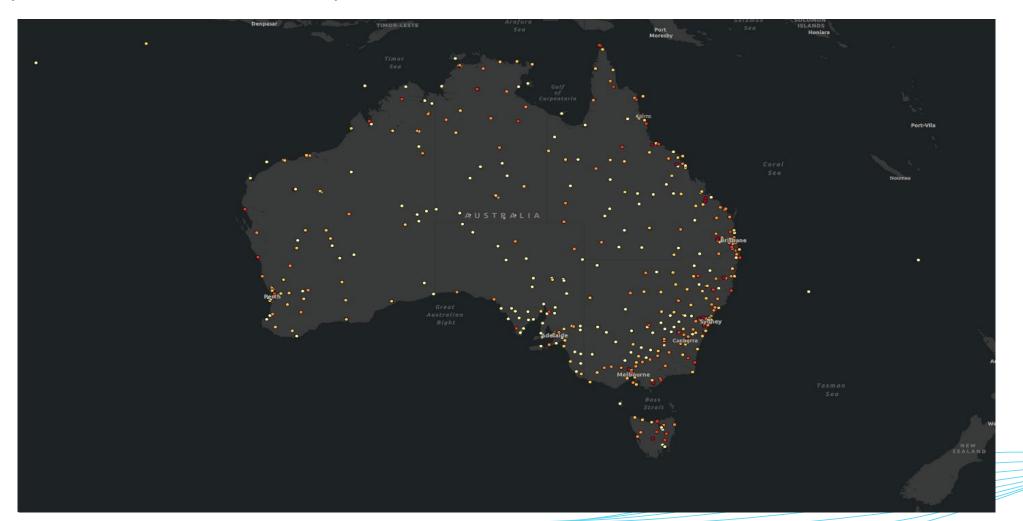
Climate Adaptation Synthesis (ICAO, 2018)

# Climate Change

### **CLIMATE CHANGE IMPACT AND RESILIENCE PLANNING**

Future proofing the services to the aviation sector

Enterprise level risk and Assets footprints across Australia



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# International Day of The Air Traffic Controller FRIDAY 20 OCT