

PROJECT

2 ZERO

**INFORMATION
AND FEEDBACK**

Nelson Airport has lodged an application with Nelson City Council seeking planning approvals for its future runway extension – known as Project 2-Zero. Project 2-Zero is Nelson Airport's plan to ensure a sustainable and prosperous future for the home of aviation in Nelson-Tasman.

The application aims to protect and provide for the airport's ability to extend the runway by ensuring appropriate land designations and zoning are in place.

OVERVIEW

NELSON AIRPORT'S VISION IS TO BE "A WORLD-CLASS AIRPORT WHERE ZERO EMISSIONS AIRCRAFT OPERATE". A KEY PART OF REALISING THIS FUTURE IS AN EXTENDED RUNWAY CAPABLE OF HOSTING NEXT-GENERATION AIRCRAFT.

AT 1347M, NELSON AIRPORT'S EXISTING RUNWAY IS AMONG THE SHORTEST RUNWAYS IN THE WORLD CATERING FOR THE TYPE OF AIRCRAFT OPERATING AT NELSON. NELSON AIRPORT ANTICIPATES THAT A LONGER RUNWAY WILL BE NEEDED WITHIN THE NEXT 10 TO 15 YEARS.

THE KEY REASONS FOR EXTENDING THE RUNWAY ARE:

To ensure Nelson Airport is set up to host future sustainably-powered aircraft, which are expected to require longer runways than Nelson Airport currently provides.

To remove existing payload (weight) restrictions for current aircraft operating at Nelson and allow them to operate more efficiently.

To improve safety by providing additional buffer areas for aircraft known as Runway End Safety Areas (RESA).

Ensuring the runway can support the region's growth, connectivity, sustainability and prosperity is central to Nelson Airport's role and responsibilities.

A successful airport contributes to a strong, vibrant and prosperous region, bringing economic, social and recreational opportunities for the whole community.

The extended runway is **not** being sought in order to cater for larger planes (eg. commercial jets like Boeing 737 and Airbus A320) or in order to increase the frequency or hours of flights.

THE PROPOSALS

Nelson Airport has lodged an application with the Nelson City Council for:

A Private Plan Change to amend the airport's zoning from the current mix of Industrial, Open Space and Recreation and Residential zoning to a specific Airport Zone, and to provide a more consistent approach to the development and intensification of sensitive activities (like housing) around the airport.

A Notice of Requirement to alter the airport's existing designations in the Nelson Resource Management Plan: DAA1 'Aerodrome (Nelson Airport)', DAA2 'Airnoise boundary controls', and DAA3 'Airport height restrictions'. The alterations protect and provide for the runway extension, the activities of a contemporary regional airport and forecast levels of airport activity.

PROPOSED PLAN CHANGE

The current zoning for Nelson Airport is largely Industrial and doesn't appropriately recognise the current land use at the airport, requirements for contemporary airports, or best practice national planning standards, which recommend an 'Airport Zone' be adopted for airport facilities and associated land.

The proposed plan change would introduce an Airport Zone, with three precincts:

Core Airport Precinct – providing for aviation operations and expansion.

Airport Environs Precinct – supporting a mix of business activity, including industry, airport-related activities and tourist and visitor/workforce support activities.

Airport Coastal Precinct – providing for uses associated with ongoing airport operations adjoining the coastal marine area and Jenkins Creek, while recognising the values of the coastal environment.



NOTICE OF REQUIREMENT

Nelson Airport is seeking to alter the extent of the existing aerodrome designation (DAA1) to include the area required for the extended runway.

The airport is also seeking to alter its designation for Airnoise boundary controls (DAA2), to provide for the pattern of noise created by aircraft using an extended runway and to account for projected future levels of activity (known as noise contours).

Noise contours give an indication of the level of noise nearby properties can expect to experience in the future as a result of aircraft operations, and also put controls on how much noise the airport is permitted to make.

The alterations to this designation also update the airport's responsibilities for monitoring and managing noise exposure on the community.

This includes the introduction of a fully-funded acoustic mitigation programme for eligible properties.

The image on the next page shows the current and proposed noise boundaries. More information about these proposed noise boundaries can be found at the link below, including an interactive mapping tool that allows you to search for your address to see what the changes mean for you.

The airport is also seeking to alter its existing designation DAA3 which imposes height restrictions on objects within a radius of the airport to protect aircraft manoeuvring in and out of the airport, in accordance with civil aviation requirements.

nelsonairport.co.nz/project-2-zero-noise-management

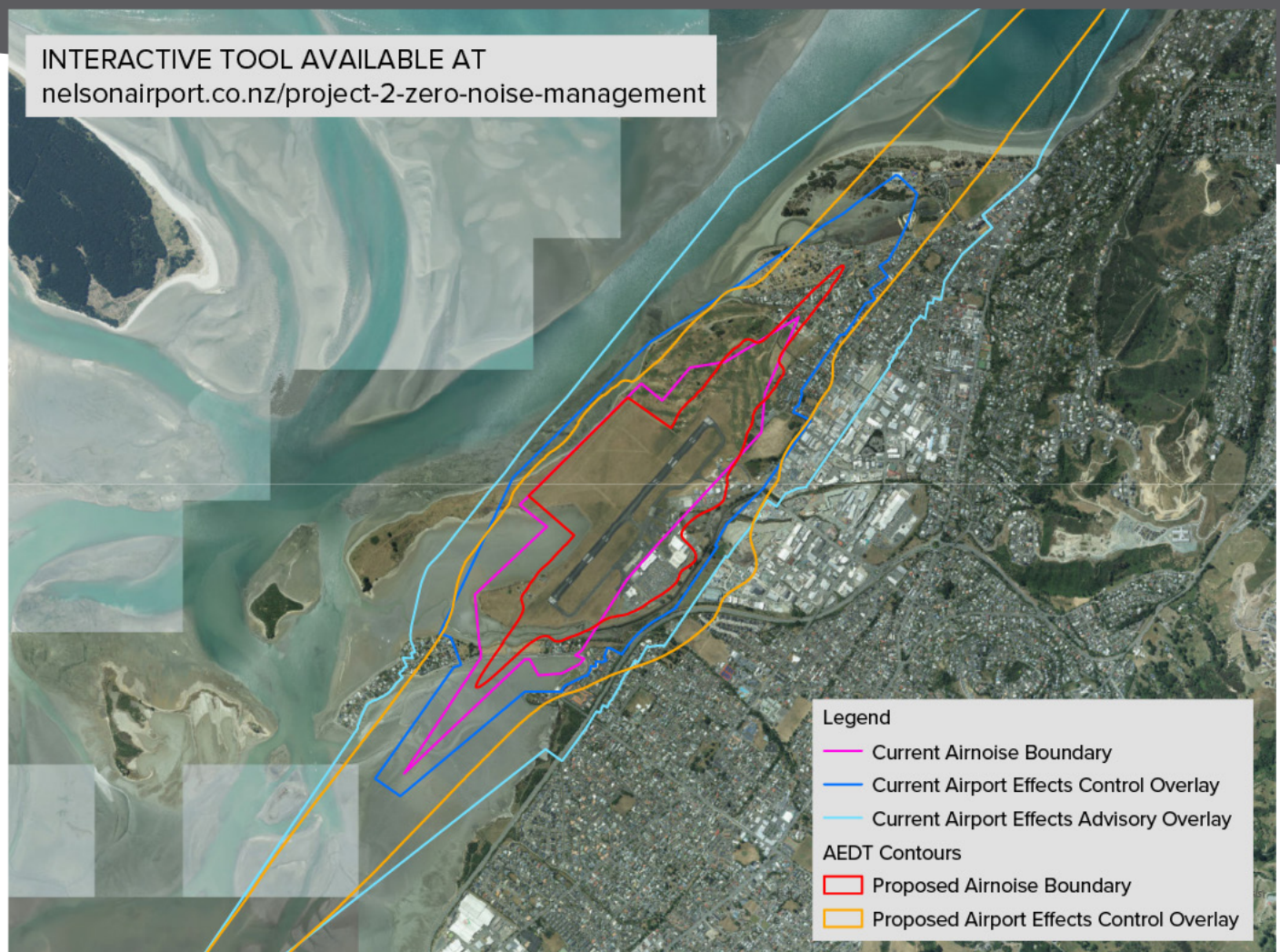
NOISE MANAGEMENT

Noise contours define the level of noise that can be expected from aircraft operations in areas near the airport. The contours also place limits on how much noise the airport is allowed to generate in these areas.

The contours help city planners and developers identify suitable areas for housing, recreation and other land uses while protecting current operations and future airport needs.

The existing noise contours for Nelson Airport were based on a different fleet of aircraft and level of activity than exists today.

There will be no immediate changes in the noise generated at the airport. These planning changes are to ensure the airport adequately plans for and mitigates future noise, as the contours reflect the projected future noise of the reconfigured and fully operational runway out to 2050.



NOISE MITIGATION PACKAGE

As part of our application we are also introducing a best practice noise mitigation package, including fully funding mitigation measures such as mechanical ventilation and acoustic insulation for qualifying existing homes, to help manage the impact of noise.

More information about this package can be found at nelsonairport.co.nz/project-2-zero-noise-management. This web page contains an interactive mapping tool, where you can search for your address and see where it sits within the proposed noise contours.