

Airspace integration trials



VISION:

New Zealand as a location of choice for the safe development, testing and market validation of advanced unmanned aircraft and adjacent technologies.

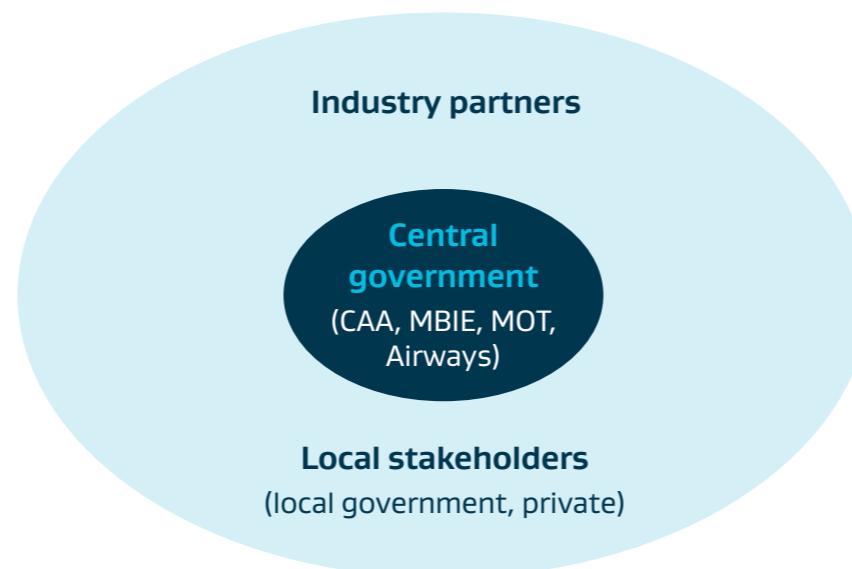
MISSION:

- › Realise the full potential of New Zealand’s existing regulatory regimes
- › Accelerate the integration of advanced unmanned aircraft that enable the development of innovative technologies
- › Support research and development (R&D) in New Zealand.

A portfolio of use cases will support NZ industry R&D in a range of advanced unmanned aircraft applications

- › **Hazard management and monitoring** – The use of advanced unmanned aircraft may improve the safety and efficiency of access to dangerous and/or remote locations. E.g. monitoring the status of roads and powerlines following natural disasters.
- › **Agriculture** – The use of advanced unmanned aircraft for commercial agricultural services could generate significant environmental and productivity gains. E.g. soil and field analysis, crop monitoring, water management and crop spraying.
- › **Passenger transportation** – Urban Air Mobility operations could revolutionise New Zealand’s urban transport systems. Advanced unmanned aircraft could also connect communities that are too small to sustain regular aircraft operations.
- › **Cargo delivery** – Advanced unmanned aircraft could play an important role delivering goods. Costs could be lower with greater flexibility in delivery schedules and locations.

A centralised programme structure will coordinate industry partners, central government agencies & key local stakeholders



The New Zealand Government’s objectives for the Programme are to:

- › Further position New Zealand as a location of choice for R&D in the development, testing and certification of advanced unmanned aircraft and adjacent technologies;
- › Realise the full potential for innovation within New Zealand’s existing regulatory regimes;
- › Generate evidence to inform medium to long-term policy decisions on the integration of advanced unmanned aircraft, in line with the Government’s vision for the unmanned aircraft sector set out in Taking Flight: an Aviation System for the Automated Age; and,
- › Increase awareness of the potential economic and social benefits arising from advanced unmanned aircraft applications and their integration.

Programme development timeline

