



NEW ZEALAND
INNOVATIVE PARTNERSHIPS

Advanced
Transport
Technologies



Aviation Innovation in **New Zealand.**



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HĪKINA WHAKATUTUKI

[New Zealand Government](http://www.govt.nz)

New Zealand is the ideal location for developing and bringing to market innovative **air vehicles**.

AMONG OUR ADVANTAGES ARE:

- > an internationally regarded aviation regulator, and an enabling risk-based regulatory regime
- > central government commitment to supporting the development and integration of innovative aviation technologies
- > a wide range of urban, rural, climate and airspace conditions, and willingness of local government and major infrastructure providers to support trials for developing and bringing to market innovative forms of remotely piloted and autonomous air vehicles
- > expertise in software engineering, Artificial Intelligence, robotics, composite materials and aviation design



A culture of innovation.

Innovation and self-sufficiency is built into the history and culture of New Zealand.



1903

Flying machine. Richard Pearse performed pioneering experiments in aviation.



1908

Nobel prize Chemistry. Ernest Rutherford won a Nobel prize for chemistry.



1919

Split the atom. Ernest Rutherford split the atom.



1936

Electric Fence. William Gallagher built the original concept of the electric fence.



1963

Super car. Bruce McLaren founded McLaren and pioneered new technologies in motor sport.



1962

Physiology & medicine. Maurice Wilkins won a Nobel prize for physiology and medicine.



1960

Jogging technique. Arthur Lydiard invented the concept of jogging, a new training technique.



1956

The syringe. Colin Albert Murdoch invented the disposable hypodermic syringe.



1988

Bungee jump. AJ Hackett commercialised the bungee jump.



2000

Nobel prize chemistry. Alan MacDiarmid won a Nobel prize for chemistry.



2003

Amphibious vehicle. Alan Gibbs invented the first road-legal, high-speed amphibious vehicle.



2015

Space rocket. Peter Beck designs a revolutionary rocket using 3D printed components and a battery powered fuel system.



2017

Flying Air taxi. Zephyr Airworks starts testing its revolutionary autonomous electric aircraft.



Progressive, agile and the **best place for business.**

New Zealand has a simple and well-designed, up-to-date and transparent regulatory system.

Rated

#1

out of 190 economies of ease of doing business¹

Rated

#2

out of 139 nations for best countries for business²



Sources:

1. Doing Business Index, World Bank, 2018

2. Forbes Best Countries for Business, 2017

Committed to **sustainability.**

A clean and pure country aiming for net-zero carbon emissions by 2050.



Tax that is **simple and fair.**

The New Zealand tax system is simpler (and less taxing) than most.

0% Payroll tax
Social security tax



Highly skilled and **educated workforce.**

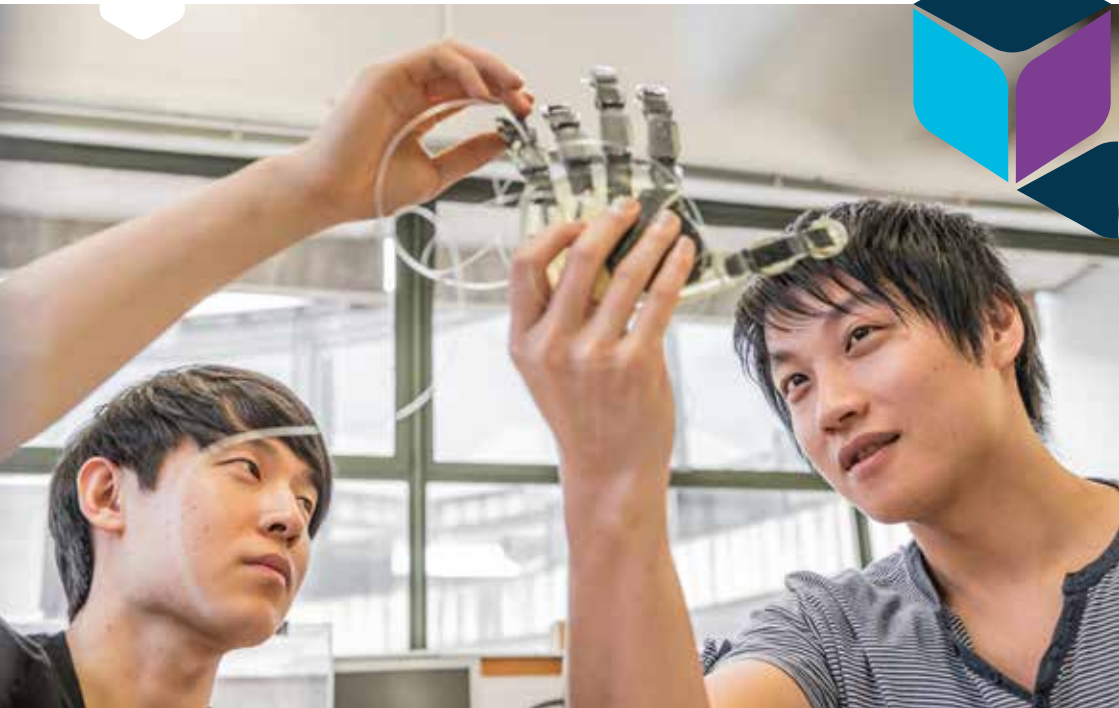
New Zealand's workforce is prepared for the demands of competitive economies.



New Zealand ranks
7th for developing
and deploying talent ¹

New Zealand ranks 2nd
for highly educated life
science workforce ²

1. Human Capital Report, World Economic Forum 2016
2. Scientific American World View 2016



Connect. Collaborate and Deliver.

Our small size makes collaboration easy. Discover the opportunities and break down barriers.

The Innovative Partnerships team is dedicated to helping international innovators to undertake research and development in New Zealand.

We will help you link with our:

> Regulator of aviation



> Transport policy agency



> Air navigation service provider



We will help you connect and partner with our:

- > Local government and regional economic development authorities
- > Research organisations, universities and firms



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New Zealand Innovative Partnerships
Ministry of Business, Innovation and Employment

P +64 (0)4 901 1499

E innovativepartnerships@mbie.govt.nz

W mbie.govt.nz/innovative-partnerships

A 15 Stout Street, PO Box 5762, Wellington 6145,
New Zealand