



Waihanga Ara Rau Workforce Development Council is the standard setting body construction and infrastructure. We work closely with our industries to develop qualifications and standards, endorse programmes, moderate assessments, and provide skills leadership for our sector.

Scan for the online version
and to access linked content:



FUTURE SKILLS SPOTLIGHT:

A career in infrastructure

Major infrastructure investments are creating exciting career opportunities in Aotearoa. The government's 2024 announcement of a [30-year National Infrastructure Plan](#) includes over \$120b in funding for roads, power grids, water systems, and more. Of the 149 fast-tracked projects, 123 focus on construction and infrastructure.

What is infrastructure?

Infrastructure is defined as the basic physical and organisational structures and facilities needed for the operation of a society, including essential services and structures, such as roads, railways, power stations, water treatment plants, and digital networks. It also covers earthworks for buildings, parks, and emergency systems to protect against extreme weather. These developments support economic growth and improve daily life.

Explore opportunities in infrastructure:

- [Te Ahu a Turanga: Manawātū Tararua Highway flyover](#) See the variety of careers involved in a major highway project.
- [CCNZ Careers Roadmap](#) Learn about pathways in civil construction.
- [Girls in Infra GIRLS WITH HI-VIS®](#) Promoting women in infrastructure.
- [Ama Civil Video Case Study](#) A real-world career success story.

Get to know infrastructure qualifications:

- [Introduction to Infrastructure Works micro-credential](#)

Pathways for rangatahi Māori in STEMM Careers

STEMM (science, technology, engineering, maths and mātauranga Māori) Education helps ākonga build skills for careers in civil and environmental engineering, project management, and more.

Pūhoro STEMM Academy empowers rangatahi Māori to pursue pathways in STEMM using hands-on learning, mentorship, industry connections, and national and international engagement opportunities. Through their summer internship programme, Pūhoro STEMM offers hands-on learning, mentorship, and industry connections, aiming to support over 6,000 rangatahi by 2027.

Learn more about this initiative:

- [Pūhoro STEMM Academy](#)
- [Pūhoro Final 2 1](#)

Scholarship opportunities

Scholarships for Māori learners:

- [Maori Education Trust – Maori Education Scholarships](#)
- [Ngarimu VC and 28th \(Māori\) Battalion Memorial scholarships - Ministry of Education](#)
- [He Ara Pūkeko | Apprenticeships | Te Kahui Raraunga](#)

Scholarships for Pacific learners:

- [Pacific Education Foundation scholarships - Ministry of Education](#)
- [Tuli Takes Flight: Career changer scholarships - Ministry of Education](#)

Connecting industry and education for a future in Energy

With growing energy demands, the sector expects 6,300 job openings by 2028. Companies are eager to train new workers, regardless of prior experience. The Electrical Supply Industry have produced a series of short videos on a variety of occupations in the industry highlighting daily tasks, future and pathways - [watch here](#).

Northpower's Trade Cadets is a fully paid eight-week work-readiness programme which leads to a trades apprenticeship at Northpower. The programme includes comprehensive onboarding, cultural workshops, and practical training. On completion of the programme, graduates will have achieved the NZ Certificate in Electricity Supply (Level 2) and will be ready to join Northpower as a trainee in one of five specialised pathways: Line Mechanic Distribution/Transmission, Cable Jointer, Electrical Fitter or Utility Arborist.

Find out more about Northpower's Trade Cadets:

- [Trade cadets programme - Northpower](#)
- [Northpower trainee wins employee of the year](#)

Genesis Energy Careers. There are multiple career pathways you can choose from for a career in energy.

Explore careers with Genesis:

- [Energy Careers – Ara Mahi Pūngao | Genesis NZ](#)

Transpower offers summer internships and a graduate programme aimed at tertiary students completing BE (Hons).

- [Educational resources | Transpower](#)
- [Graduate Programme and Internships | Transpower](#)

WORKFORCE INFORMATION PLATFORM:

Forecast labour market trends in construction and infrastructure

The Workforce Information Platform (WIP) is a forecasting tool that provides real-time data on labour gaps and job opportunities in construction and infrastructure.

[Explore WIP.org.nz](#) to see where career opportunities are growing.

Let's Level Up: realising the potential of the disabled workforce

Launched in 2024, Let's Level Up is groundbreaking research highlighting the untapped potential of disabled workers in construction, infrastructure, logistics, engineering, and manufacturing. Among other insights, Let's Level Up finds that Increasing disabled workforce participation could add \$1.45 billion to the NZ economy.

Read the research:

- [Let's level up: realising the potential of the disabled workforce](#)
- [Read the full report](#)
- [Key findings](#)