

Organised by:



In collaboration with:



International
Labour
Organization



Supported by:



In conjunction with:



Airline Partner:



Transforming Training Provision – The role of the private sector and Sector Skills Bodies in skills needs anticipation

Philip Aldridge, CEO – Waihanga Ara Rau, Construction and Infrastructure Workforce Development Council.

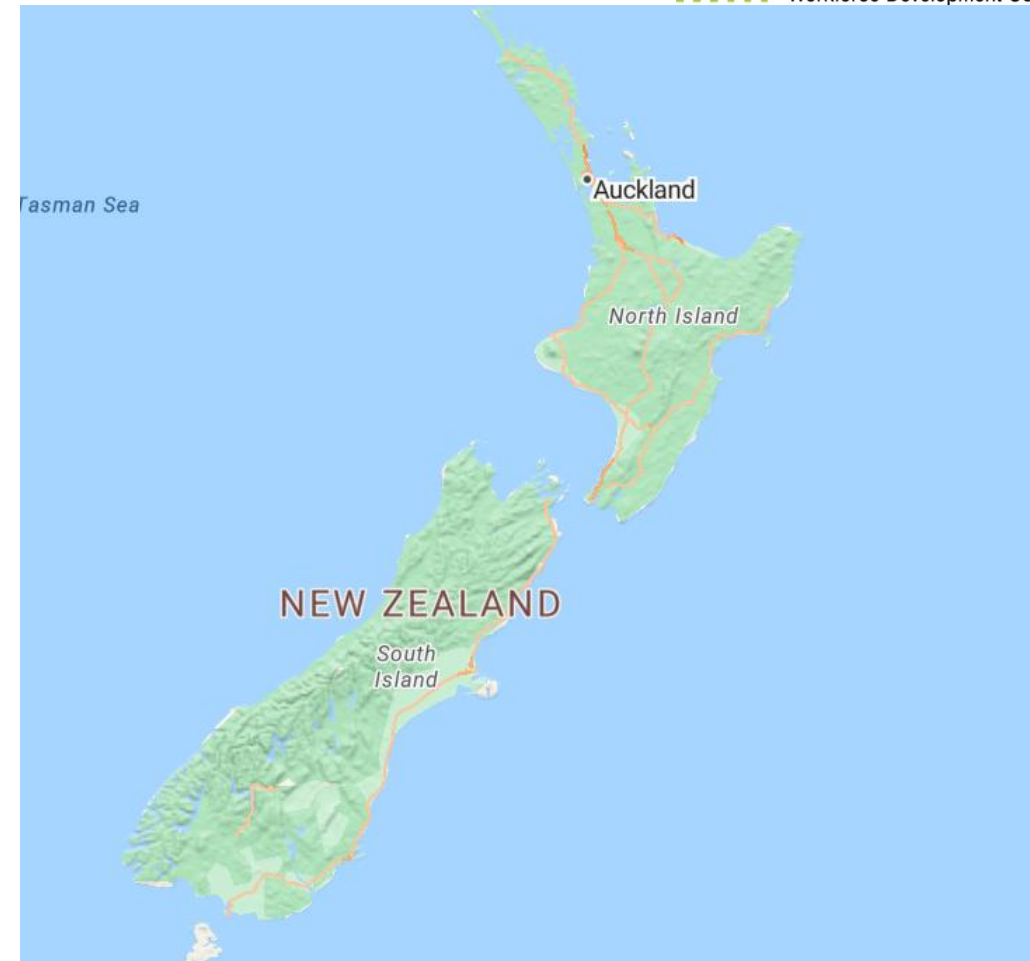


▶ **Global
Skills
Forum**

The Role of the Private Sector in Skills Development:
Driving Innovation and Impact

About New Zealand

- Australia is 3 ½ hours on a plane
- 5.5 million people
- Significant immigration
- 66% European. Large groups of Māori, Pacific and Asian
- GDP per capita of US\$49,000
- Government running operating deficits
- Construction “boomed” during Covid-19
- Last two years the Construction sector has been in a slump
- \$200Bn Infrastructure deficit



We ensure training aligns with industry via:

- ▶ **Skills Leadership** Identify industry skill needs & advocate for them to be met now and in the future
- ▶ **Quality Assurance** Oversee delivery by education providers and ensure high standards are maintained.
- ▶ **Advice** Provide advice to Government on investments in vocational education.
- ▶ **Qualifications** Develop qualifications to ensure they are delivered to a high standard, on a consistent basis, and shape curriculum on behalf of industry.
- ▶ **Endorsement** Endorse programmes that lead to qualifications.
- ▶ **Advocacy** Be the voice of industry to represent their interests as well as a system leader providing input to policies

Government Funded. Industry Lead

The industries we support

Infrastructure

Civil Infrastructure

Bitumen production, asset management, road construction and maintenance, contract and project management, road marking, temporary traffic management, deep piling and foundations, forestry earthworks, demolition.

Electricity Supply

Electricity supply, renewable energy.

Gas Infrastructure

Gas reticulation, gas transmission, gas distribution, gas conditioning, LPG storage and handling.

Water Services

Drinking water, stormwater, wastewater, water distribution networks.

Construction

Access Trades

Cranes, scaffolding, rigging, industrial rope access, lifting equipment and exterior cleaning.

Electrotechnology

Electrical engineering, electronic engineering, electronic security, electronics engineering technician, marine electrical, data cabling, radio transmission, industrial measurement and control, telecommunications.

Plumbing Gasfitting Drainlaying

Plumbing, gasfitting, drainlaying.

Off Site Construction

Concrete production, pre-cast and product manufacture, frame and truss manufacture, timber joinery, architectural aluminium joinery, offsite manufacturing.

On Site Construction

Concrete construction, carpentry, stonemasonry, brick and block laying glazing, roofing, demolition.

Finishing Trades

Painting and decorating, flooring, kitchen and bathroom design, floor and wall tiling, exterior plastering, interior plastering, interior systems.

Construction & Infrastructure Services

Construction & Infrastructure Services

Quantity surveying, architectural technology and design, asset management, surveying, building information modelling, procurement, building officials and inspection, construction management.

Regional Hospital Build (Dunedin)

- ▶ No new Hospital built for 40 years.
- ▶ First of many large builds (\$30Bn)
- ▶ 1,500 skill workers needed. Only 500 available
- ▶ Importance of a five year forecast by occupation
- ▶ New qualifications - Trade Essentials & Data cabling
- ▶ Collaboration with Training Providers, Government Agencies, lead contractor and the community
- ▶ Training in advance of demand
- ▶ Facilitated training, employment and wellbeing hubs
- ▶ 500 employed and 1,100 trained/upskilled

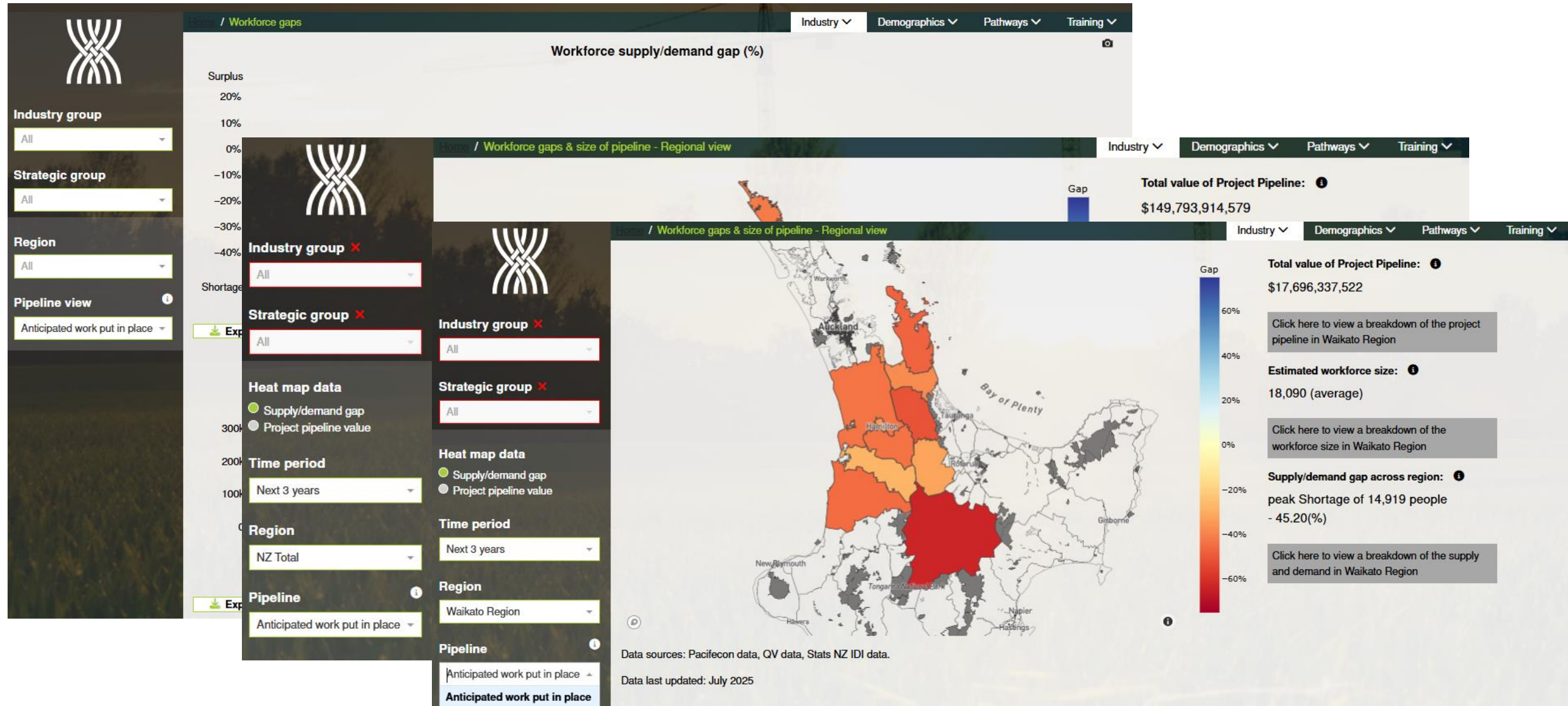


Identifying skills needs in the regions

- We help the construction and infrastructure industry on a regional basis by identifying the skills a region needs; and ensuring qualifications suit industry needs and the roles required well ahead of big infrastructure projects like the new Dunedin Hospital.
- We embedded skills priorities into regional infrastructure plans or procurement strategies, ensuring training provision was part of the solution



Foresight - Workforce forecasting



Foresight into timely qualification updates – SRGs and TAGs



Strategic: provide strategic advice into workforce requirements and have a role in reviewing and endorsing advice to TEC and skills and workforce plans.

Tactical/Partnership: provide support to specific projects, specific advice or representation, and work to address issues or opportunities for industry.

Technical: provide technical input into the review and development of education products, assurance activities and programme endorsement.

Twelve Strategic Reference Groups represent specific sectors and consist of senior representatives from industry, industry associations, regulators, and providers.