

Pan-Auckland Education and Training Alliance



...for the Construction & Infrastructure Sector

Alliance Partners



InfraTrain
New Zealand

skills.



Competenz
SKILLS FOR INDUSTRY



Story so far...

2012

- MIT-Unitec met & decided to harmonise curriculum content and provision for Engineering & Trades pan-Auckland
- Presented this approach to Productivity Partnership Skills Summit

2013

- BCITO, Skills & Infratrains join collaboration discussions
- Workforce Roadmap Forum hosted for Auckland Construction & Infrastructure industry – [Alliance](#) proposed and endorsed
- [Workforce Roadmap](#) for Auckland commissioned
- Competenz and more recently, Infrastructure, join Alliance discussions

Why an ITP-ITO Alliance?

- together we have *capacity*

Students

Apprentices

Staff

Comprehensive curriculum for construction and engineering L1-L7

- traditionally *respond independently* to support the construction and infrastructure sector in Auckland.
- however, a range of *shared drivers* challenge us to find new ways of working

We share drivers for change...

National, Regional
and Sector Plans

Skills Shortages
Engineering & Priority Trades

Productivity
Partnership
Construction Sector

Stakeholder
Needs

*For ITP sector: "Academic" to
"Business" time*

Gaps & Overlaps
in Unitec-MIT-ITO
existing provision

Govt. request to
cooperate across
VET sector

Vocational
Pathways

Secondary Schools

Strong pressures
to improve
effectiveness

The limits of funding

More innovative
provision required

National, Regional
and Sector Plans

National Infrastructure Plan 2011



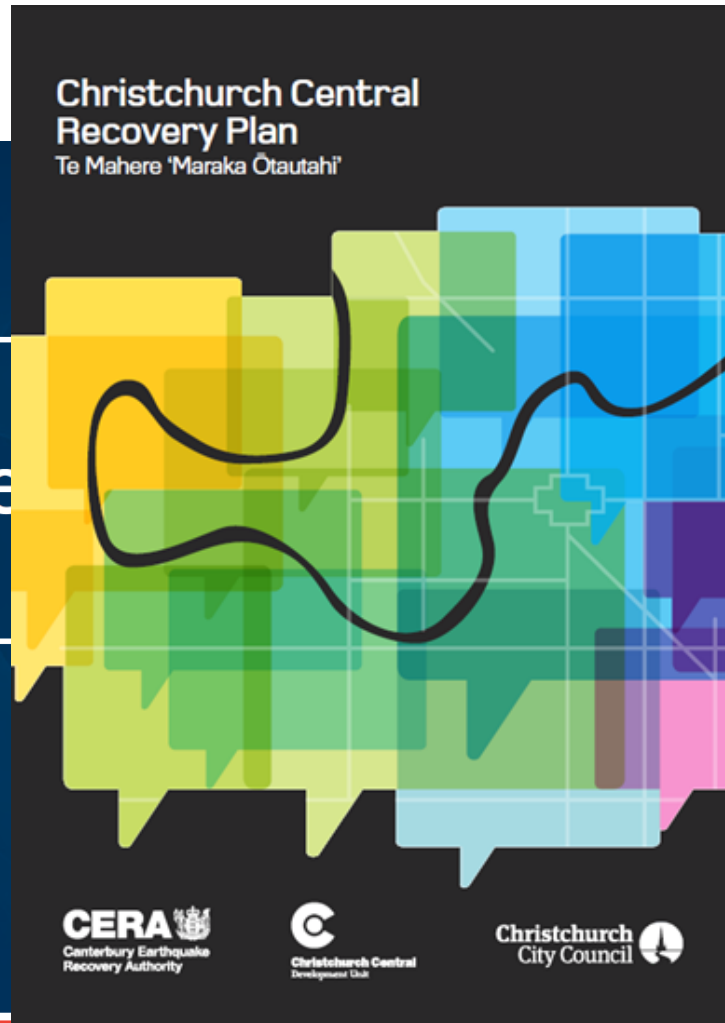
New Zealand Government

National, Regional
and Sector Plans

National Infrastructure Plan 2011



New Zealand Government



CERA
Canterbury Earthquake
Recovery Authority

C
Christchurch Central
Development Unit

Christchurch
City Council

National, Regional
and Sector Plans

National Infrastructure Plan 2011



New Zealand Government

Christchurch Central Recovery Plan Te Mahere 'Maraka Ōtautahi'



The Auckland Plan

Christchurch
City Council



Skills Shortages

Engineering & Priority Trades



Building boom unearths skilled labour shortage

Building boom unearths skilled labour shortage

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By: [Jacqui Stanford](#), | [Business News](#) | Sunday June 2 2013 17:03

The building booms in Auckland and Canterbury are starting to unearth fresh skilled labour shortages.

The latest building consent figures show the two regions are bucking the national trend, due to the rebuild in the southern city and the severe demand for housing in Auckland.

Registered Master Builders Federation chief executive Warwick Quinn says skills shortages are already starting to develop in

Related Audio

- ▶ [Frances Cook: White Ribbon Day Parade](#)
- ▶ [Colin Craig: Auckland electorate changes](#)
- ▶ [Colin Craig: Upper Harbour intentions](#)

Related Video

Skills Shortages

Engineering & Priority Trades



Building boom unearths skilled labour shortage

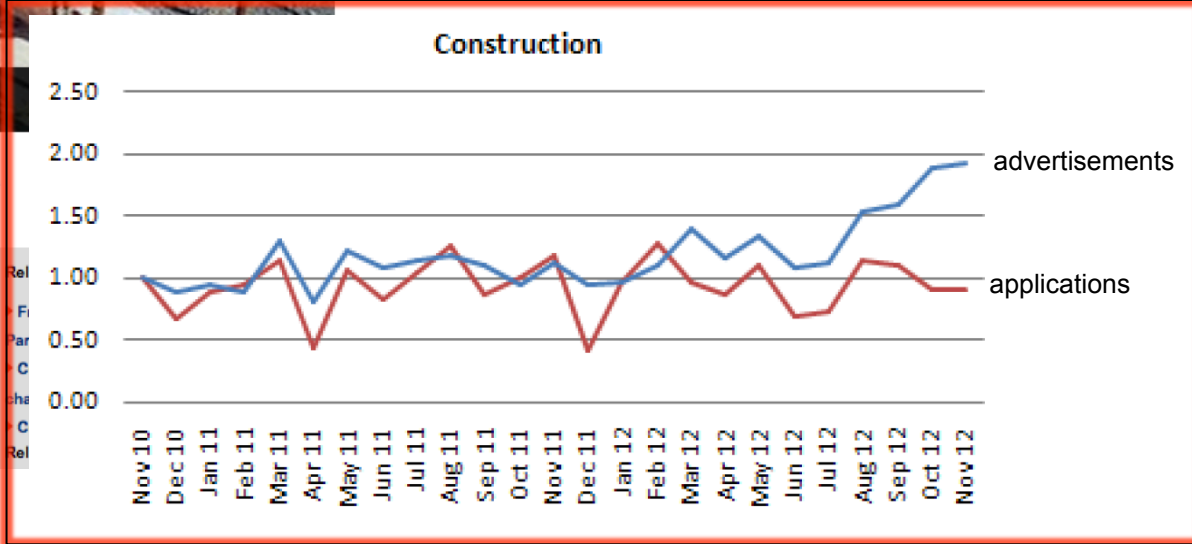
Building boom unearths skilled labour shortage

By: Jacqui Stanford, | Business News | Sunday June 2 2013 17:03

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we respond independently

**School
Leavers**

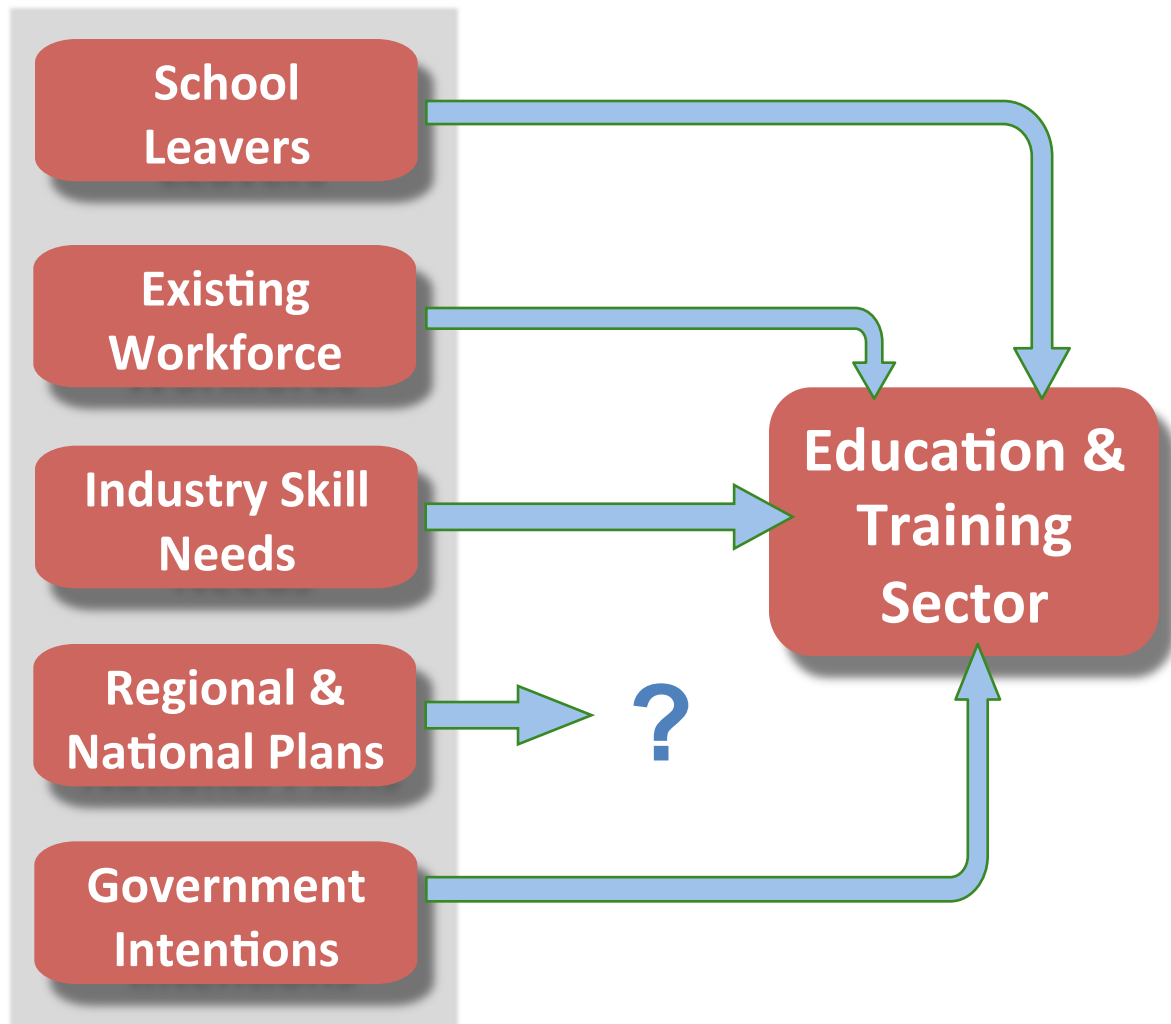
**Existing
Workforce**

**Industry Skill
Needs**

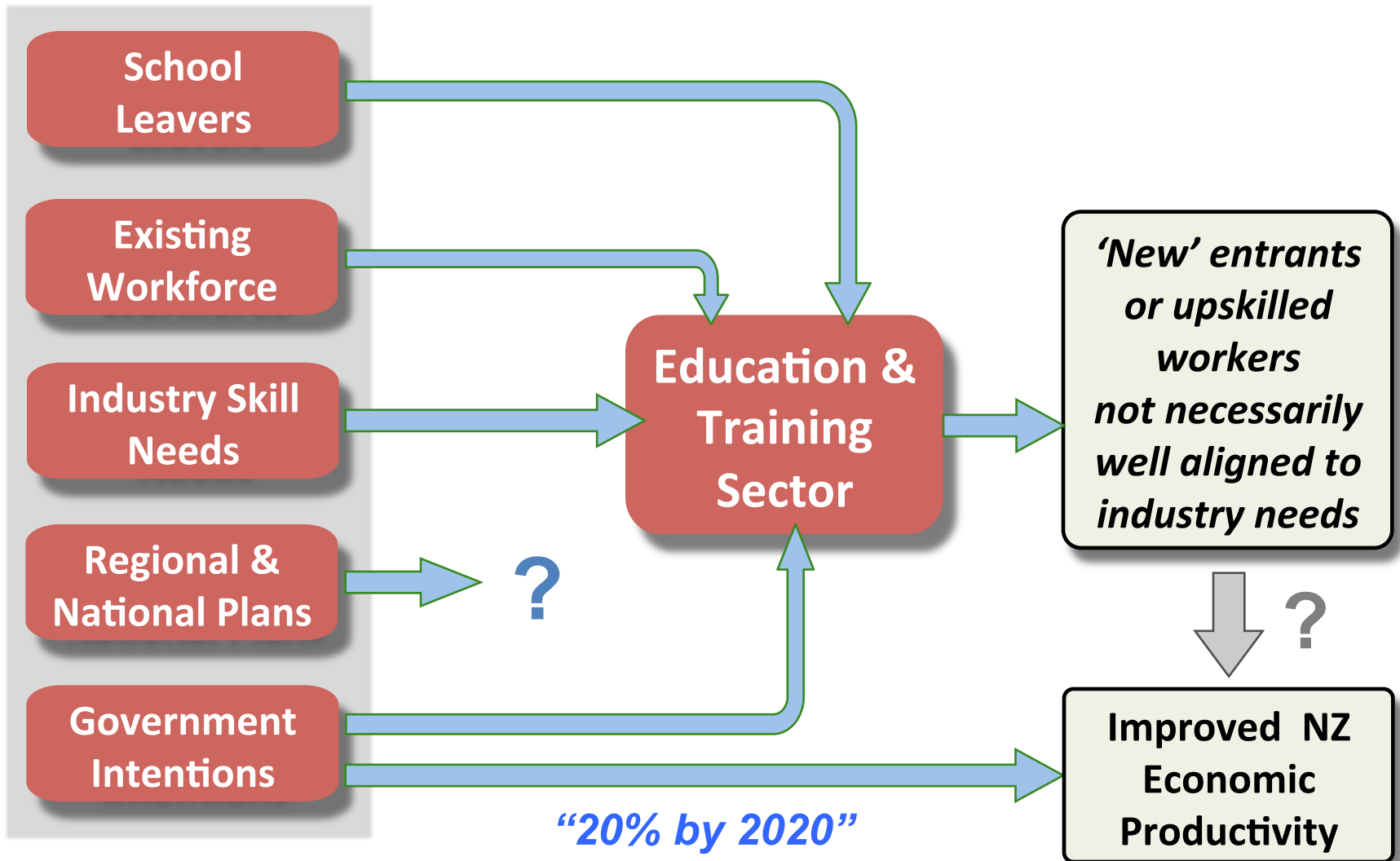
**Regional &
National Plans**

**Government
Intentions**

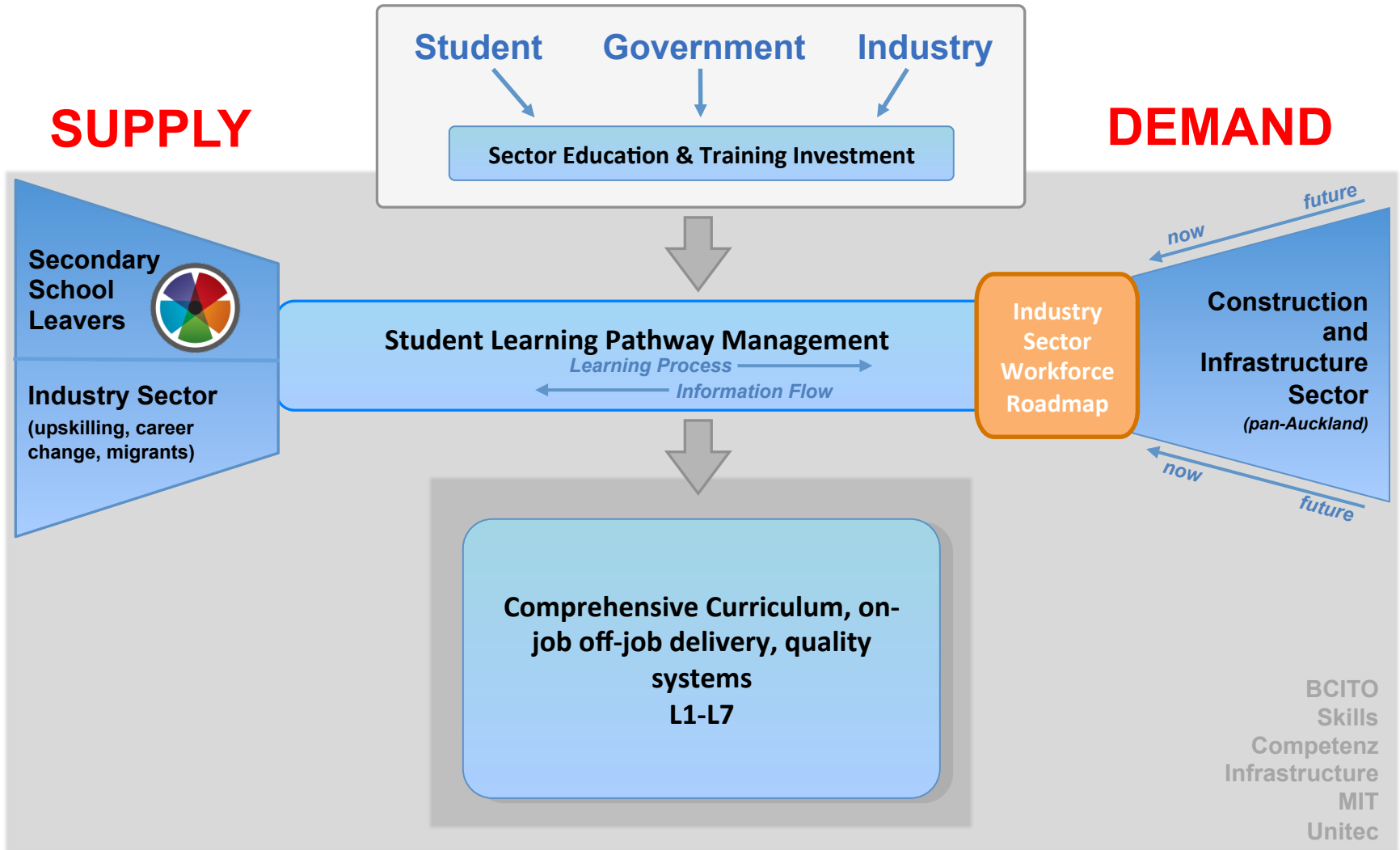
we respond independently ...



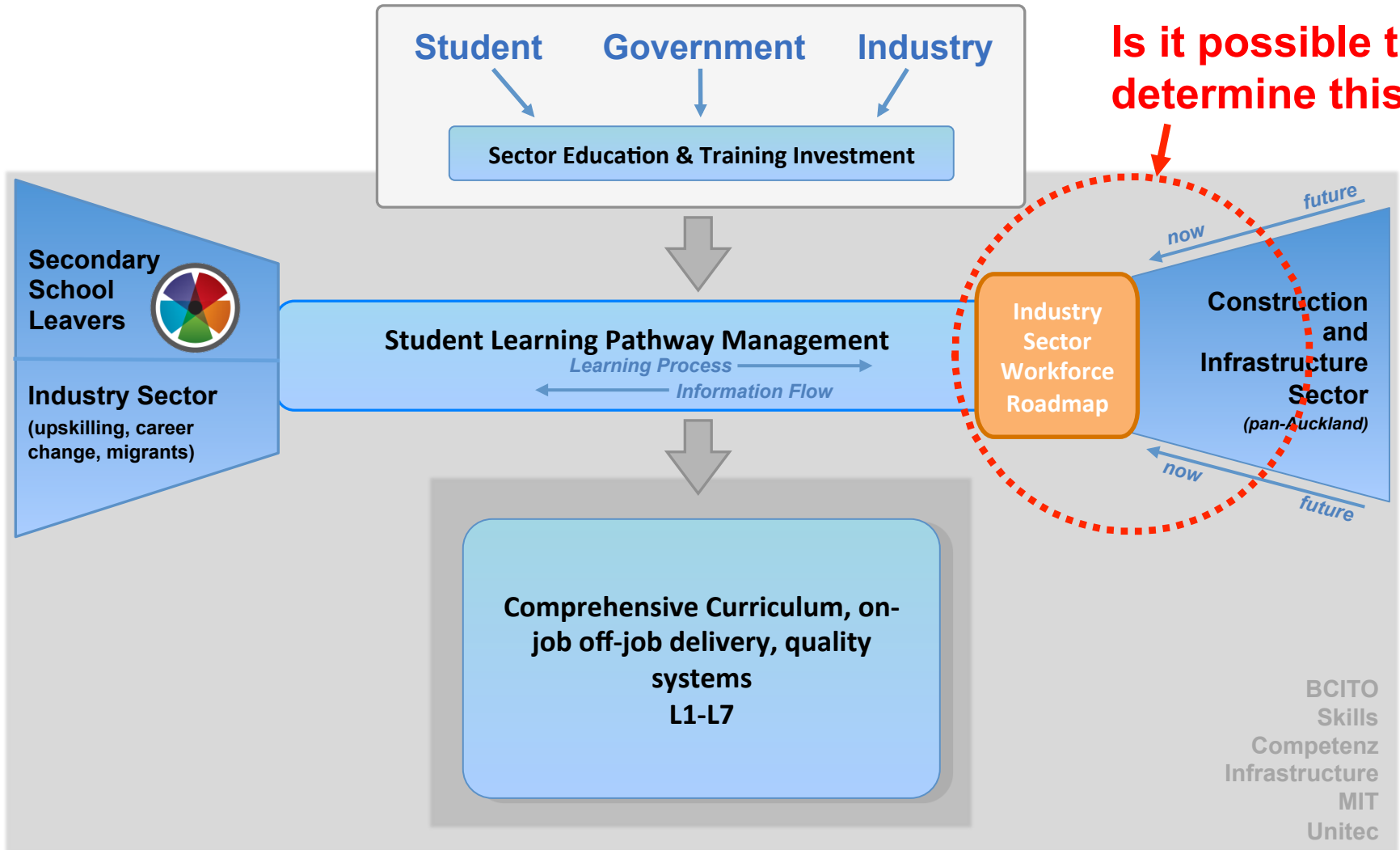
Creates a Supply Problem...



Improving Supply & Demand Alignment



Improving Supply & Demand Alignment



International Best Practice

CITB constructionskills

Construction Skills
 Greater London 2013-2017
 Labour Market Intelligence

Construction Forecasts

HOME PRODUCTS SEARCH FORECASTS REFERENCE CUST

2013 Construction Looking Forward Highlights

The CSC's annual *Construction Looking Forward* forecasts help...
 Click on the files below:

- National Summary
- Alberta oil sands
- Alberta – 2013
- British Columbia
- Manitoba – 2013
- New Brunswick
- Newfoundland
- Nova Scotia
- Ontario – 2013
- Prince Edward Island
- Quebec – 2013
- Saskatchewan
- Construction

Funding for design and pre...
 Supported by
INTELL EUROPE

Australian Workforce and Productivity Agency

Resources Sector Skill Needs
 Report 2012

BUILD 2020 S

The construction industry in British Columbia has been a steady source of new jobs for much of the last decade and this will continue across the 2013 *Construction Looking Forward* scenario¹ period. While gains in non-residential construction (since 2009) drove industry employment to record levels in 2012, a pause in engineering projects in 2012 was balanced by continuing growth in residential and commercial work. Job gains will continue in most sectors to 2016.

...during the 2008–2009 recession. Starts regain their past

Key features of these workforce roadmaps

Industry led with Government support

Demand driven analysis based on key sector drivers

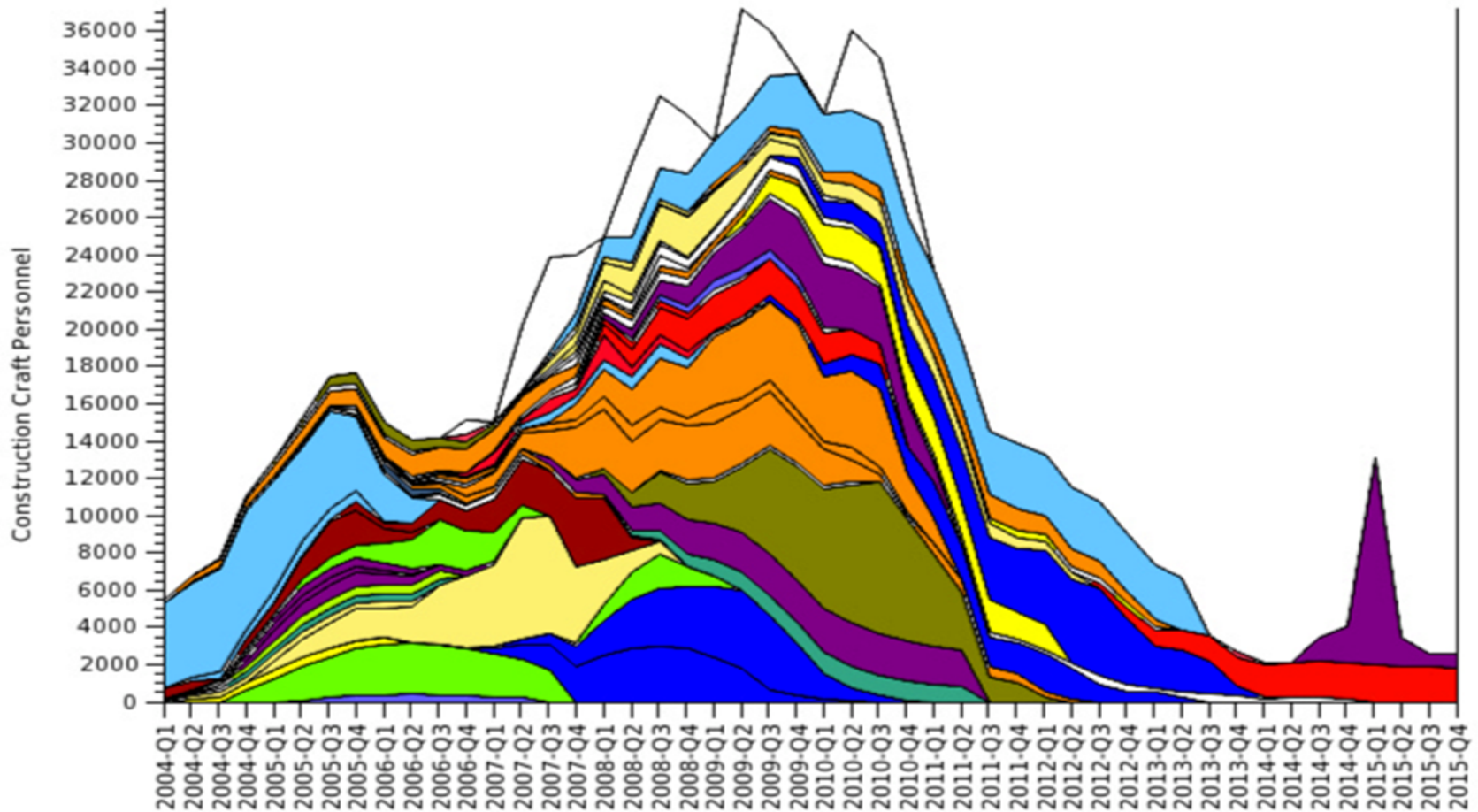
Dynamic, looks forward (not snapshot)

Remain current and robust as conditions change

A rich picture of workforce demand

Example: Alberta Oil Sands Resource Development

Industrial Construction Projects
>100 MM Cdn (2004Q1 - 2015Q4)
Generated 2007-11-16 17:33

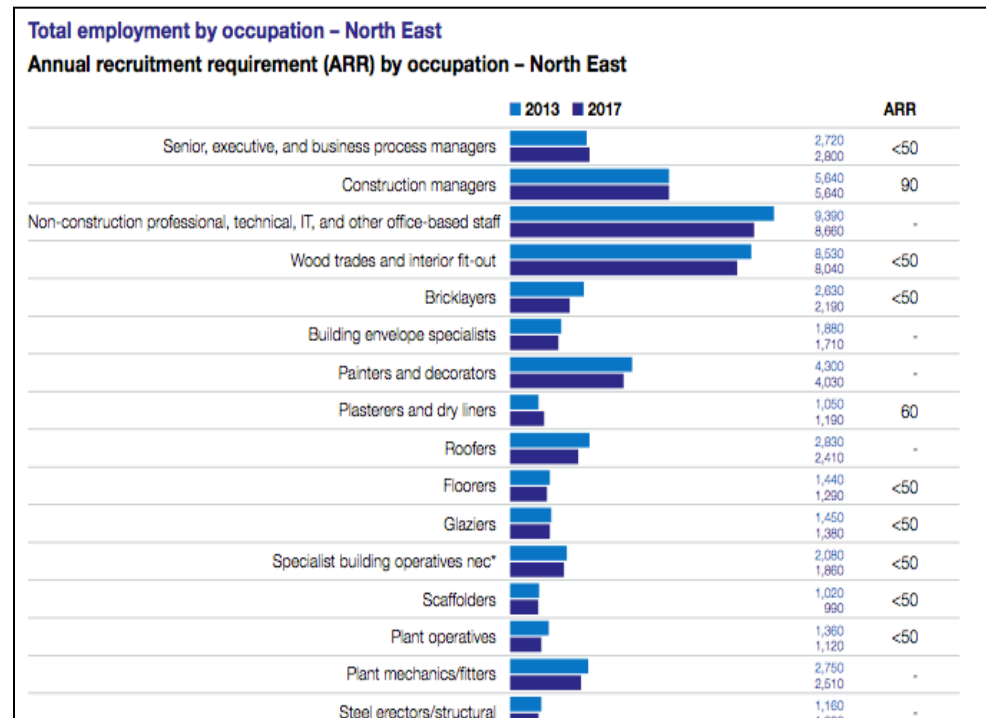


Right skills, Right place, Right time

Workforce Roadmaps:

Define

- Workforce **volumes** at occupational level within sector
- **Skills & capabilities** (including existing & future requirements)
- **Timing** of skills supply
- Key workforce **priorities** identified by industry in a city/region.



Right skills, Right place, Right time

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Inform

- alignment of training and education **investment decisions**

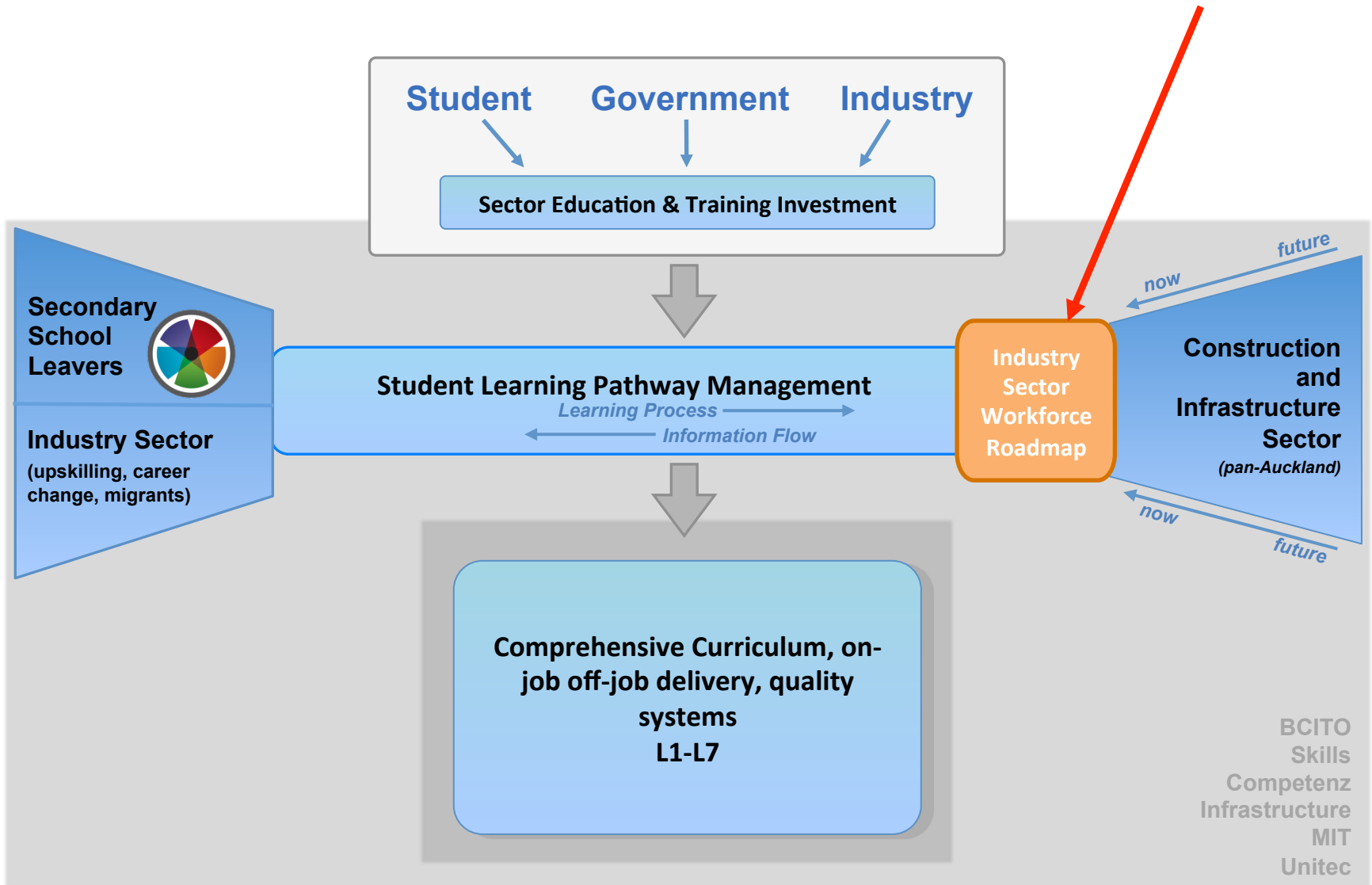
Barangaroo South a showcase for workforce development

One of the largest single construction projects in Sydney's history – Barangaroo South in the central business district – has been hailed as a showcase for the workforce development programs and support networks coordinated by Australian Government Skills Connect.

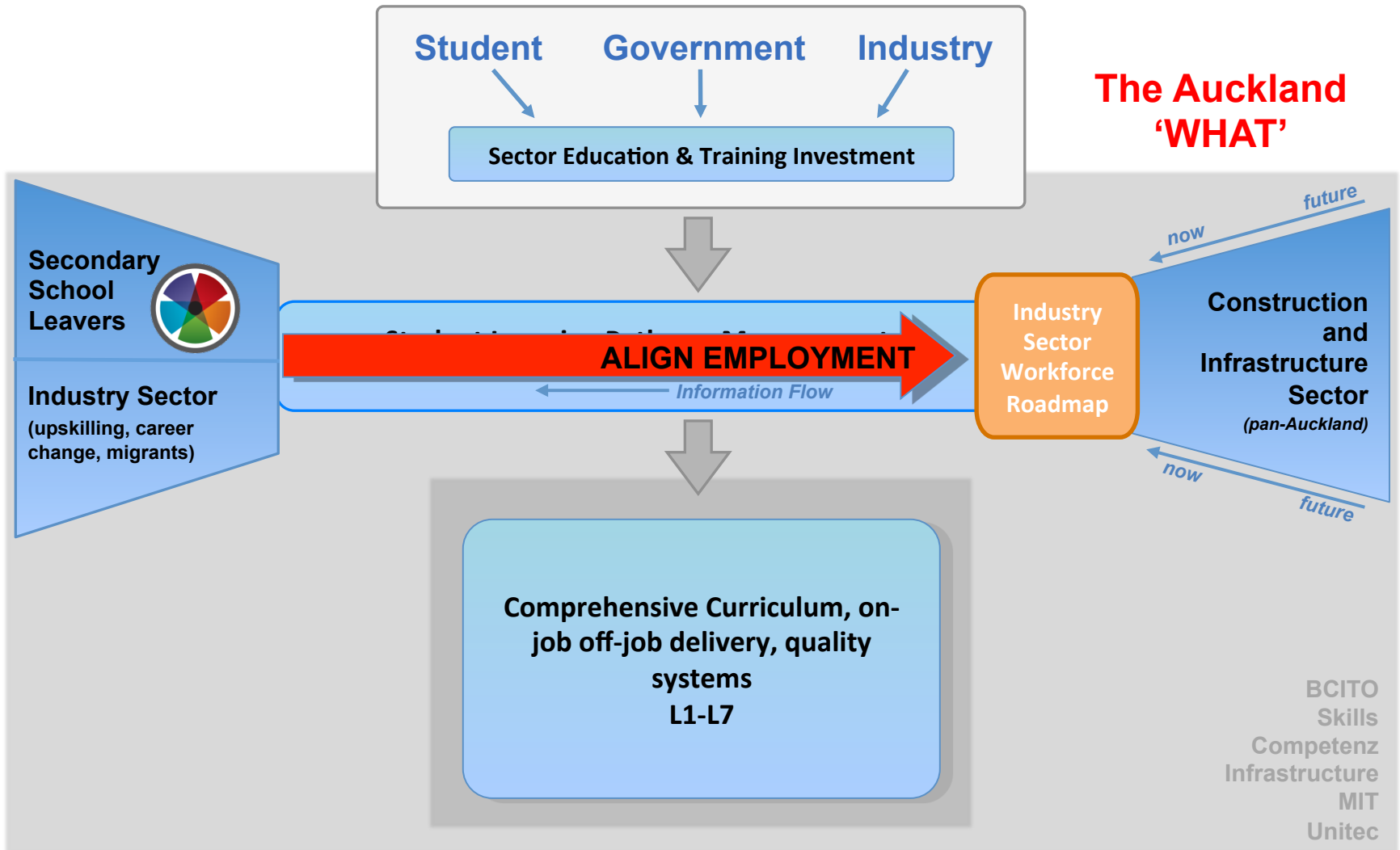


In August, the Minister for Skills, Senator Chris Evans, announced a \$7 million Australian Government's investment in Barangaroo South in partnership with project manager Lend Lease. The funding will provide training for around 2,600 initial participants to satisfy the project's unique business, industry and workforce needs. A total of 500 Australian Apprentices will receive mentoring support under the [Australian Apprenticeships Mentoring program](#).

The Auckland 'What'

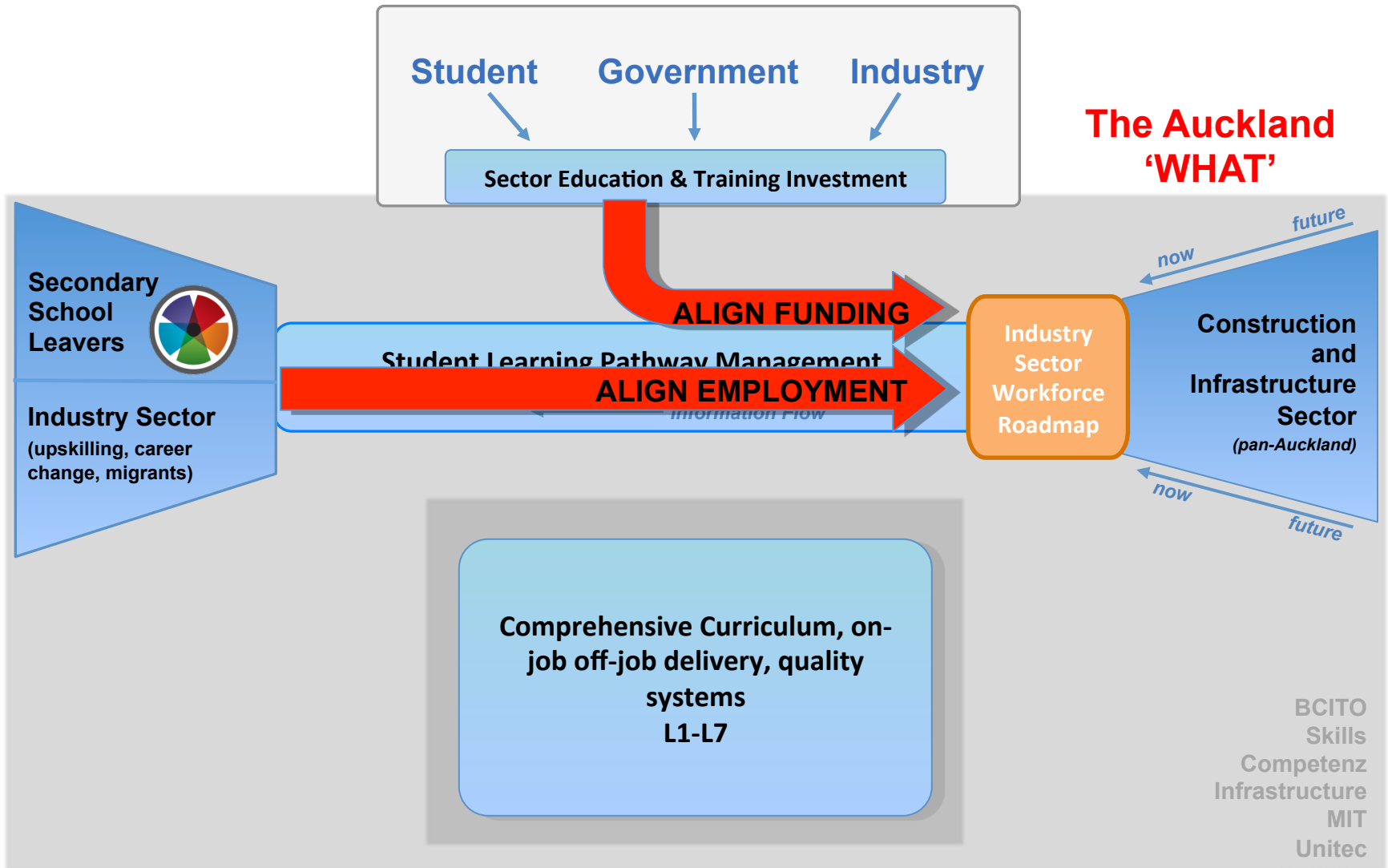


The Alliance 'How'

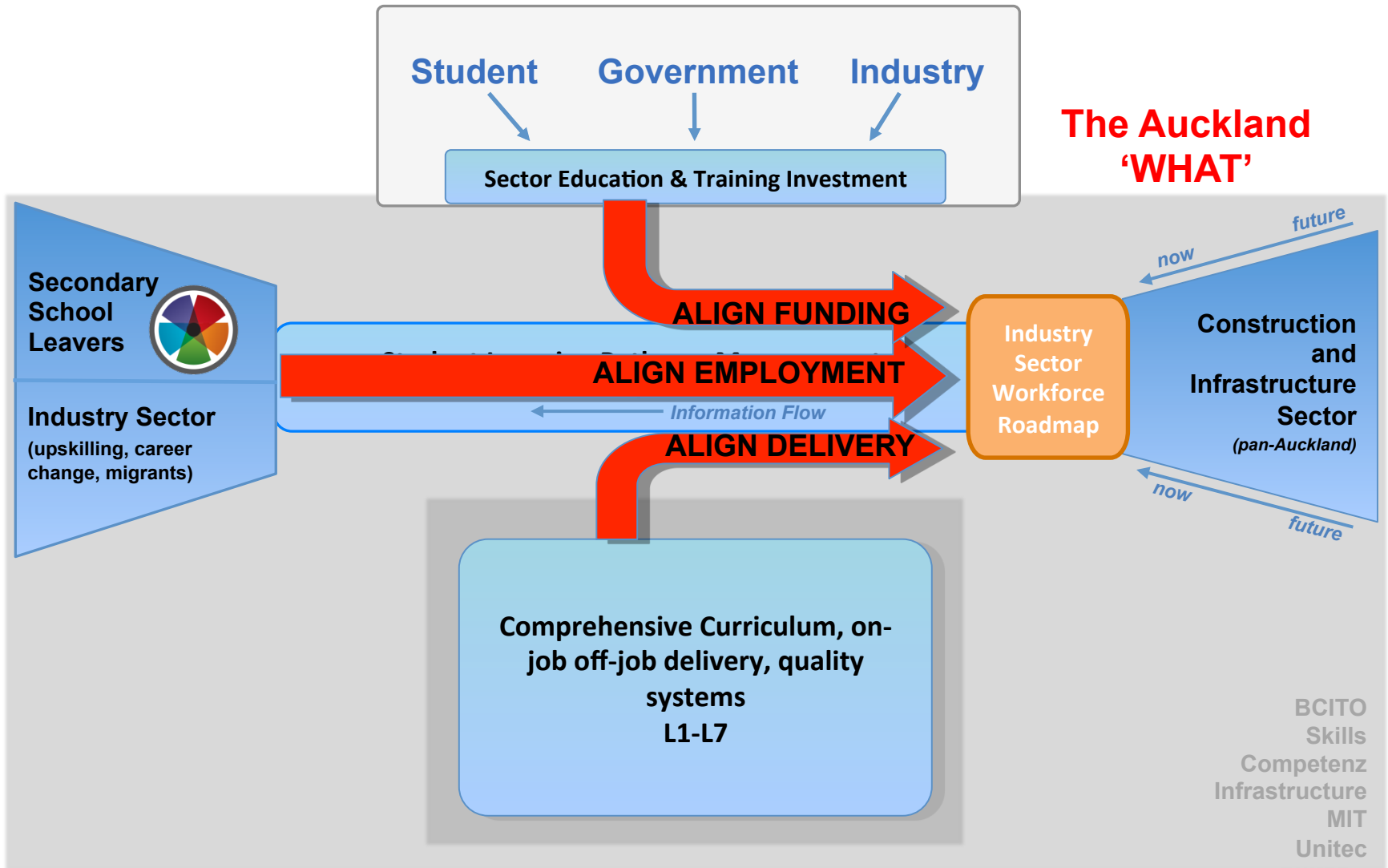


The Auckland 'WHAT'

The Alliance 'How'



The Alliance 'How'



Alliance 2014

Alliance 2014

- Single “front door” for VET provision
- Focus on responding to key demands in roadmap
 - What is the demand mix: volume, timing, skills
 - Best-fit response to deliver skilled workforce
- New ways of working in partnership
- Integrated response to new Health & Safety legislation
- Harmonise curriculum & provision across Alliance
- Operate in business time
- Joined and aligned recruitment

Questions

