



Driving economic and social prosperity through skills development

CCA Annual Conference
20 November 2019

Brett Hall
Director – Research, Projects & Policy
Jobs Queensland

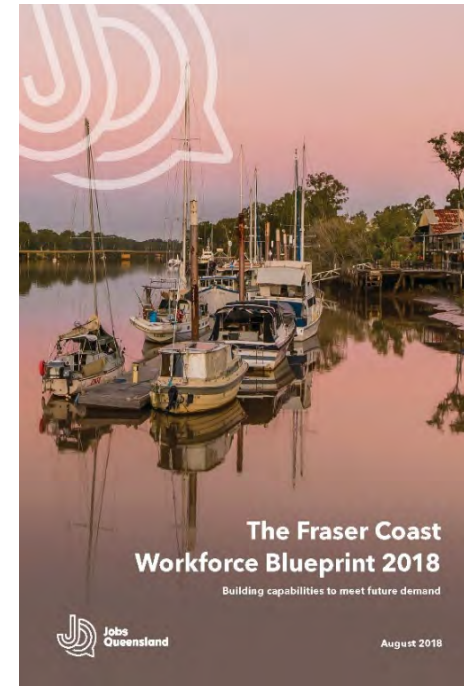
Key initiatives



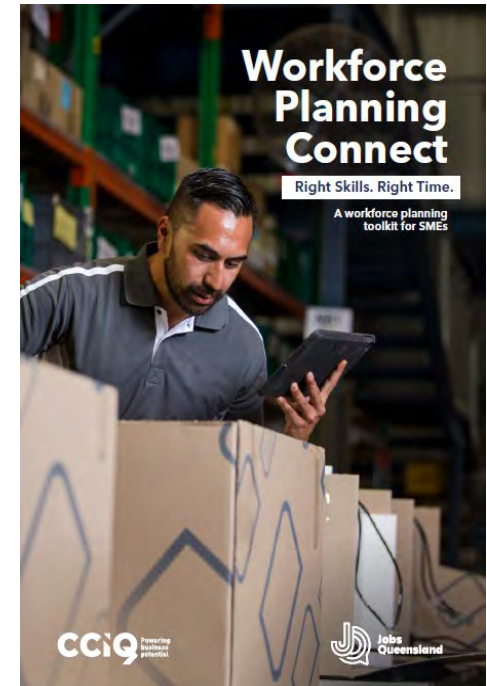
Apprenticeship and
traineeships



Anticipated
future skills needs



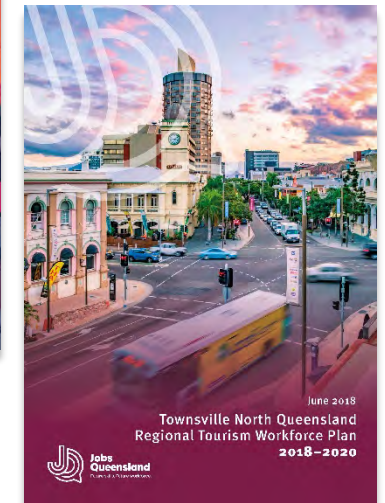
Workforce development
and planning



Place-based projects

Key projects

- The Fraser Coast Workforce Blueprint 2018
- Ipswich Manufacturing Workforce Project
- State-wide & Regional Tourism Workforce Plans
- Townsville Workforce Development Plan (underway)



Supporting workforces during industry transitions

Eight key elements for success



TIME



**ANTICIPATORY
PLANNING**



**GOVERNANCE AND
INFORMATION
DISSEMINATION**



**FOCUS ON THE
AFFECTED REGION**



HUMAN CAPITAL



**ECONOMIC
DIVERSIFICATION**

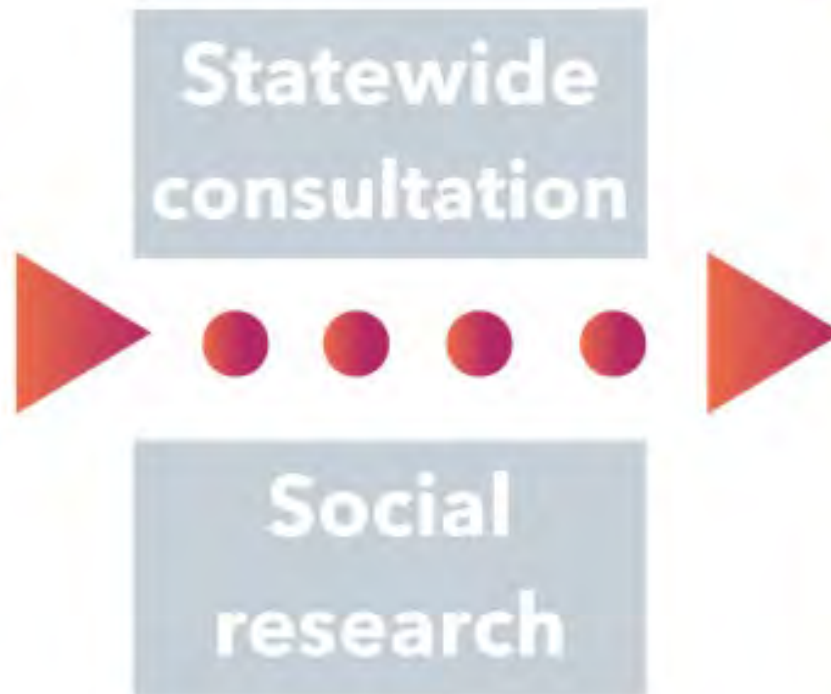


**LOCAL COORDINATION
AND CASE MANAGEMENT**



EVALUATION

Future Work, Future Jobs



Future Work, Future Jobs



Change is inevitable, however we can manage transitions



Place-based leadership creates stronger regions



Skills drive economic and social prosperity



Lifelong learning and skills attainment underpin Queensland's future



Access to quality work is essential



Linking workforce development with economic and social development



The workforce planning process



Regional workforce planning and development elements



Workforce Planning Connect



Anticipating Future Skills



- Employment projections from 2017-2022 for:
 - Industries
 - Regions
 - Occupations
 - Qualifications
- Baseline plus three scenarios to help manage future uncertainty
- Scenarios developed through consultation with industries and regions

Anticipating Future Skills - Data Tools (Industries/Regions/Occupations)

Anticipating Future Skills: Brisbane

Industry Projections by Occupation by Region

Select from drop down list:

Industry: D - Electricity, Gas, Water and Waste Services

Select from drop down list:

Occupation: 31 - Engineering, ICT and Science Technicians

Select from drop down list:

Region (SA4): Brisbane

Select from drop down list:

Comparison Region: Queensland

Note: Projections are indicative and not definitive of future employment growth

In this tool, industries of employment are broken down to the Group level (3-digit codes) of the ANZSIC classification system, while the occupations of employed people are broken down to the Sub-Major Group (2-digit codes) of the ANZSCO classification system, as used by the Australian Bureau of Statistics. Regions are at the Statistical Area 4 level.



PROJECTED EMPLOYMENT NUMBERS

Occupation and Industry in Selected Regions:

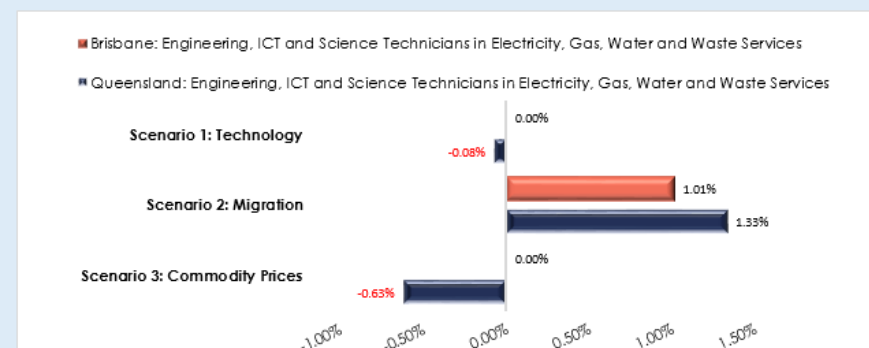
	2017		2022 Baseline		Scenario 1: Technology		Scenario 2: Migration		Scenario 3: Commodity Prices	
	Brisbane	Queensland	Brisbane	Queensland	Brisbane	Queensland	Brisbane	Queensland	Brisbane	Queensland
Engineering, ICT and Science Technicians in Electricity, Gas, Water and Waste Services	388	1,254	395	1,278	395	1,277	399	1,295	395	1,270
Total Engineering, ICT and Science Technicians employed in region	17,575	51,217	18,830	54,102	18,854	54,145	18,915	54,508	18,885	53,796
Total employment in Electricity, Gas, Water and Waste Services	7,866	27,384	8,014	28,005	8,013	27,987	8,095	28,395	8,002	27,717
Total employment for region	685,212	2,373,023	734,952	2,562,671	735,406	2,563,317	741,161	2,594,613	735,414	2,553,245

SCENARIO IMPACTS

Change in Employment Numbers compared with 2022 Projection:

	Scenario 1: Technology		Scenario 2: Migration		Scenario 3: Commodity Prices	
	Brisbane	Queensland	Brisbane	Queensland	Brisbane	Queensland
Engineering, ICT and Science Technicians in Electricity, Gas, Water and Waste Services	0	-1	4	17	0	-8
Total Engineering, ICT and Science Technicians employed in region	24	43	85	406	55	-306
Total employment in Electricity, Gas, Water and Waste Services	-1	-18	81	390	-12	-288
Total employment for region	454	646	6,209	31,942	462	-9,426

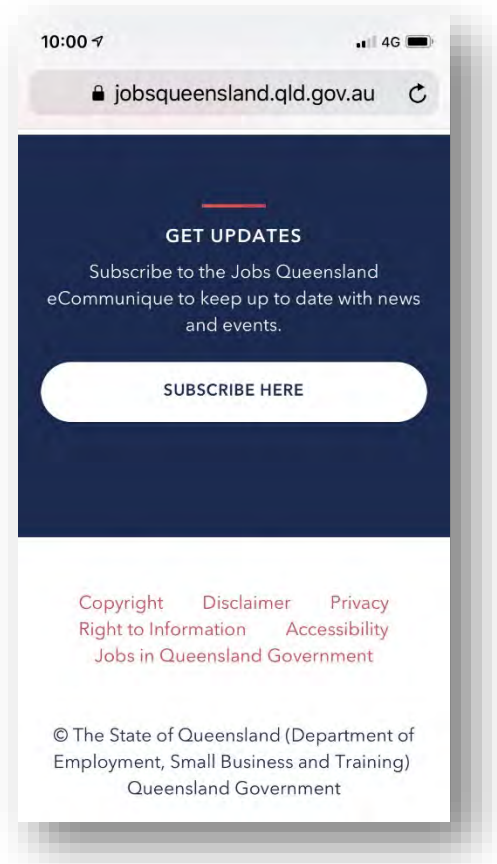
Changes in Growth (%) compared to 2022 Projection:



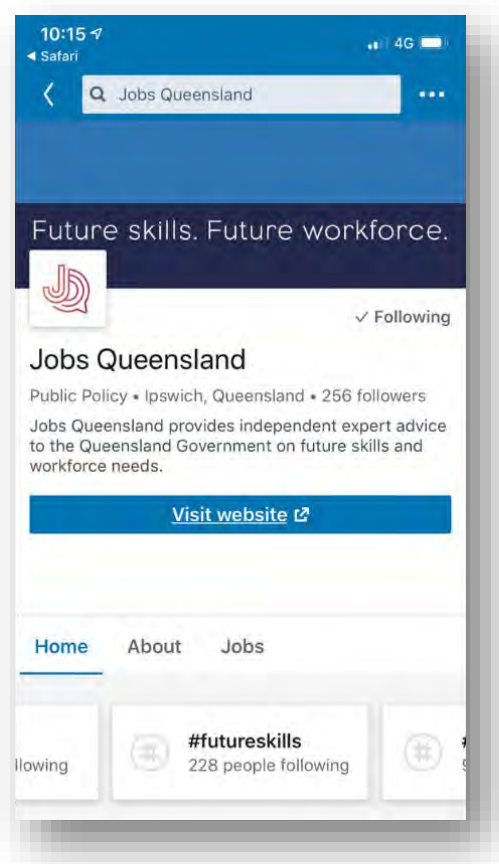
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