



Australian Government

Jobs and Skills Australia

Skills Meetup 3.0

Presentation by Jobs and Skills Australia to Edalex and the Bean Centre

Peter Dawkins AO
Angela Hope

JSA Director (and Emeritus Professor, Mitchell Institute, Victoria University)
JSA Assistant Secretary, Domestic Skills System Branch

24 March 2023

Confidential – Not for further distribution – provided to participants under Chatham House rules

Overview of presentation

1

About *Jobs and Skills Australia (JSA)*
Peter Dawkins, JSA Interim Director

2

The ‘skills perspective’ on the labour market
How it can help define the relationship of higher education and VET to the labour market
Angela Hope, Assistant Secretary, Domestic Skills Branch



Australian Government

Jobs and Skills Australia

1. About Jobs and Skills Australia

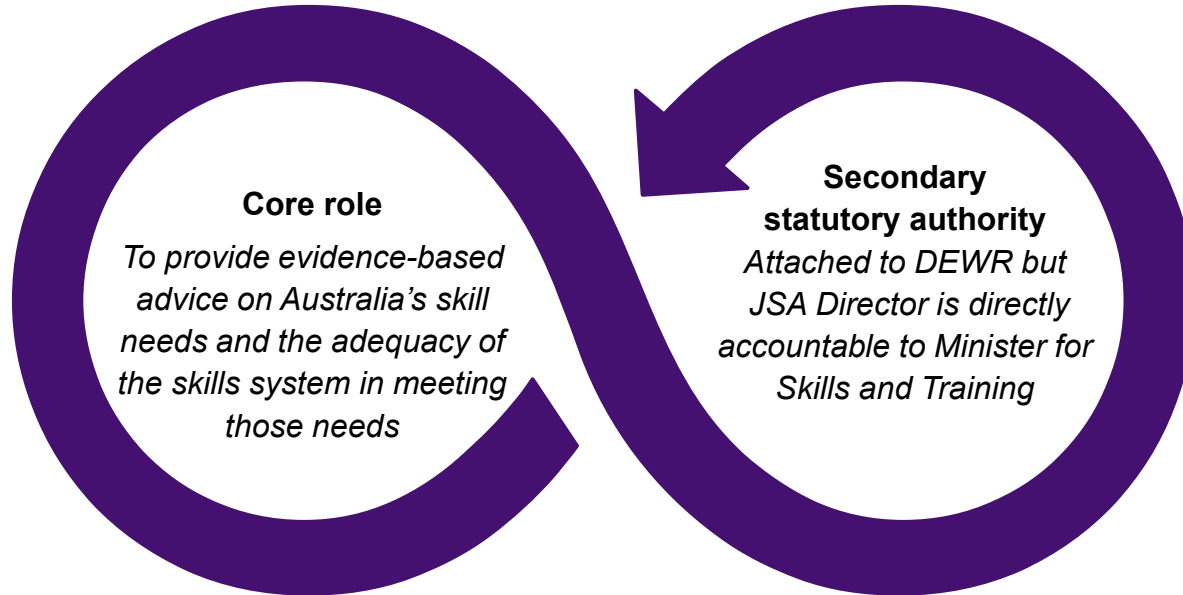
Professor Peter Dawkins AO

Director, Jobs and Skills Australia

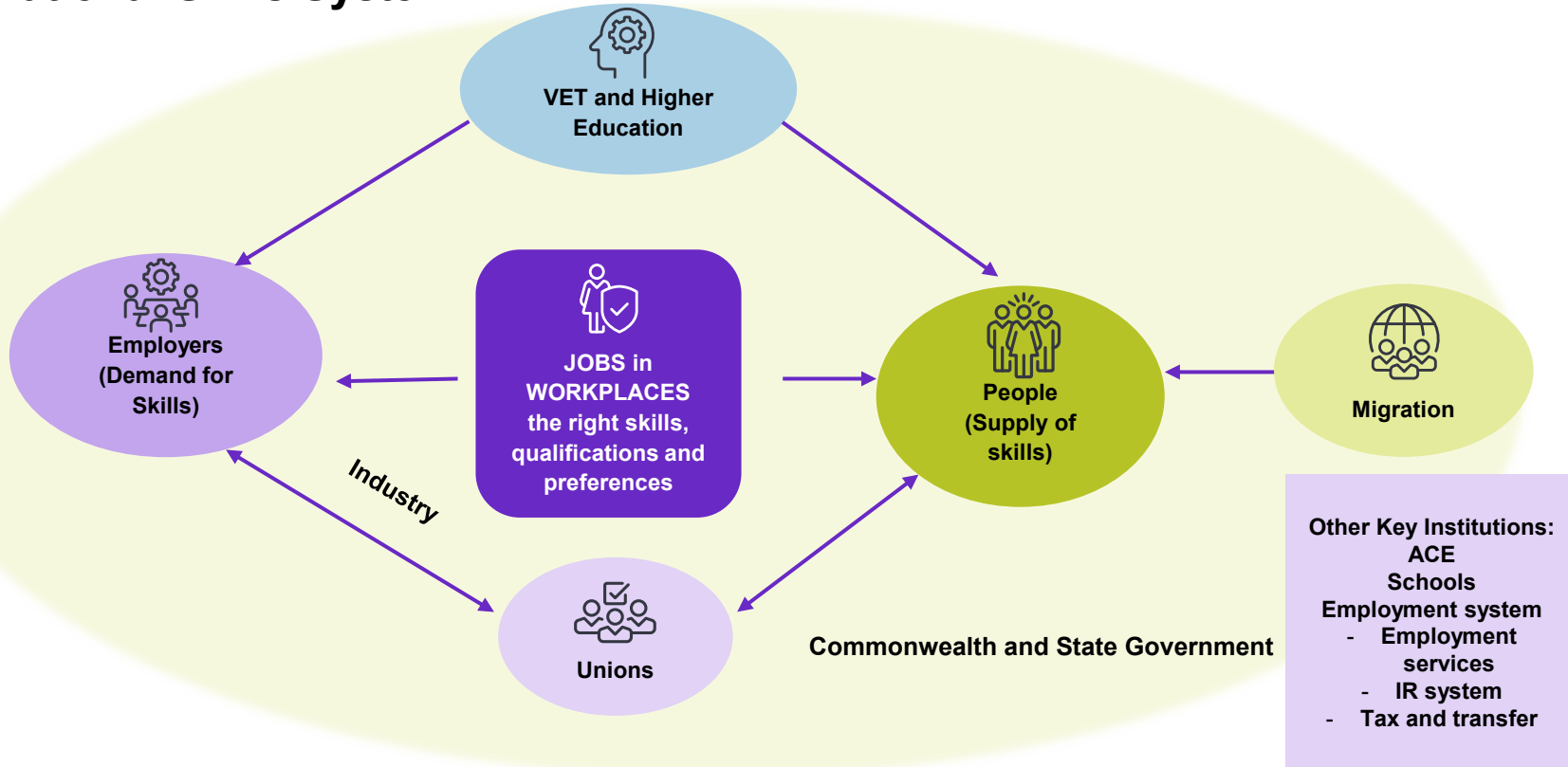
(and Emeritus Professor, Mitchell Institute, Victoria University)



JSA Overview

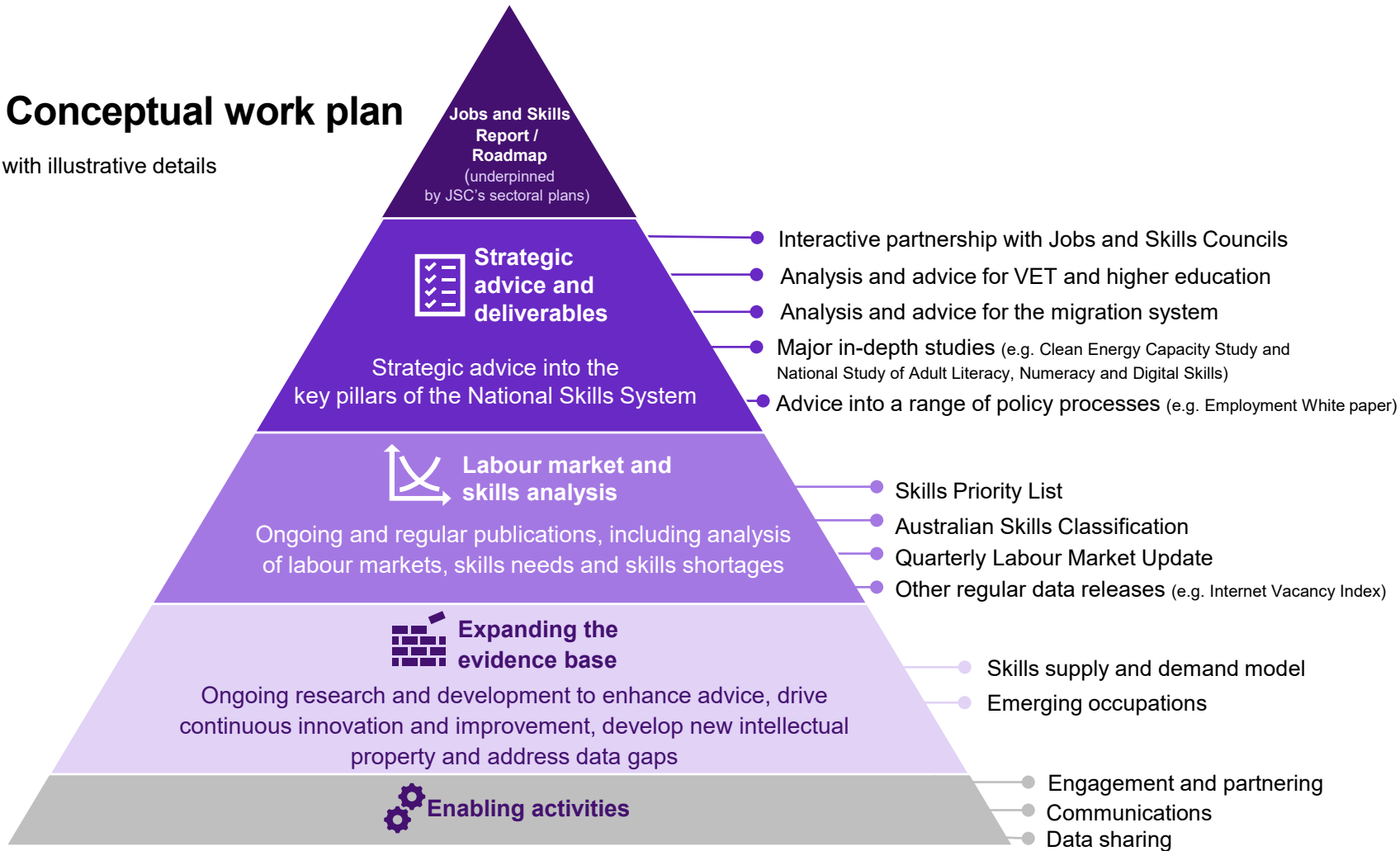


National Skills System



Conceptual work plan

with illustrative details



JSA will work closely with the new industry Jobs and Skills Councils (JSCs)



JSA contributing to government initiatives led by a range of Ministers

Jobs and Skills Australia

Contributing to important national policy processes

- Employment White Paper (Treasurer)
- Migration Review (Minister for Home Affairs)
- National Skills Agreement (Minister for Skills and Training)
- Universities Accord (Minister for Education)

Contributing to aspects of initiatives

- Microcredentials pilot and platforms
- National credentials platform
- AQF Reform
- Other HE policy/programs



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2. The skills perspective on the labour market *Australian Skills Classification*

Angela Hope

Assistant Secretary, Domestic Skills System



A common language across VET, HE and the labour market

Key features:

- Common language to enable connections across systems
- Built around identifying 'transferrable' skills
- Mixed methodology
- Enables whole of economy analysis



Occupation Profile - Economist

Level for an economist

Core competency level <small>(out of 10)</small>	
<u>Digital engagement</u>	8 High
<u>Planning and organising</u>	8 High
<u>Initiative and innovation</u>	8 High
<u>Numeracy</u>	7 Intermediate
<u>Teamwork</u>	4 Intermediate
<u>Writing</u>	7 Intermediate
<u>Reading</u>	7 Intermediate
<u>Learning</u>	7 Intermediate
<u>Problem solving</u>	7 Intermediate
<u>Oral communication</u>	7 Intermediate

Descriptor of the level

Digital engagement	
Definition: Identifying and using technology (including hardware and software) confidently, creatively and critically.	
Value	Value Description
1	Name and identify the purpose of familiar digital devices (e.g. mobile phone, computer, tablet)
2	Send a short and simple reply to an email communication using a digital device
3	Enter information into a database
4	Recognise different ways to connect to the internet (e.g. Bluetooth, Wi-Fi, hotspot)
5	Build and maintain an effective online profile for career management
6	Use software on a portable device to document a building inspection by recording measurements, checking compliance and uploading photos
7	Write software for keeping track of items in an inventory
8	Use Enterprise Resource Planning software to monitor transactional data from multiple sources including accounting, procurement and human re
9	Set up a new computer system for a large multinational company
10	Develop new ways of guaranteeing the trustworthiness of transactions on decentralised, cloud based, distributed transactional systems

Economist

ANZSCO 224311

Performs economic research and analysis, develops and applies theories about production and distribution of goods and services and people's spending and financial behaviour, and provides advice to governments and organisations on economic policy issues.

Review professional literature to maintain professional knowledge

Instruct tertiary students in social sciences or humanities disciplines

Prepare scientific or technical reports or presentations

Forecast economic, political, social or financial trends

Supervise trainees

Analyse data to identify trends or relationships among variables

Conduct research on social issues

Apply mathematical principles or statistical approaches to solve problems in scientific or applied fields

Advise others on matters of public policy

Record research or operational data

Present information to the public

Establish standards for products, processes or procedures

Advise others on business or operational matters

Testify at legal or legislative proceedings

Cluster families used by Economist

-  31% Data, analytics, and databases
-  22% Human resources
-  16% Records, documentation, reports and research
-  13% Teaching and education
-  8% Communication and collaboration
-  6% Science and mathematics
-  3% Business operations and financial activities
-  <1% Security and emergency services

Specialisations [ⓘ]

- [Agricultural Economist](#)
- [Econometrician](#)
- [Economic Forecaster](#)
- [Environmental Economist](#)
- [Health Economist](#)
- [Labour Market Economist](#)
- [Mineral Economist](#)
- [Taxation Economist](#)

Similar Occupations [ⓘ]






























- [Policy Analyst](#)
- [Statistician](#)
- [Actuary](#)
- [Market Research Analyst](#)
- [Land Economists and Valuers](#)

[Explore more through the Similar Occupations dataset →](#)

Key Features:

- Specialist Tasks used in this occupation.
- Skill Cluster families the specialist tasks belong to.
- Hours worked per week metric that is aggregated to identify a usage rate across the cluster families.

Skills Lens – Skill Cluster Families

<p>Select a cluster family to see the skills clusters</p>	<p>Agriculture and animals</p> 	<p>Archiving, recording, and translating</p> 	<p>Art and entertainment</p> 	<p>Business operations and financial activities</p> 	<p>Cleaning and maintenance</p> 
<p>Communication and collaboration</p> 	<p>Construction</p> 	<p>Customer service</p> 	<p>Data, analytics, and databases</p> 	<p>Digital technologies and electronics</p> 	<p>Environmental management</p> 
<p>Fashion, grooming, and cosmetics</p> 	<p>Food services</p> 	<p>Health and care</p> 	<p>Human resources</p> 	<p>Material transportation</p> 	<p>Operating procedures and processes</p> 
<p>Performance evaluation and efficiency improvement</p> 	<p>Production processes and machinery</p> 	<p>Quality control and inspections</p> 	<p>Records, documentation, reports and research</p> 	<p>Recreation and sporting events</p> 	<p>Safety and hazard management</p> 
<p>Sales and marketing</p> 	<p>Science and mathematics</p> 	<p>Security and emergency services</p> 	<p>Teaching and education</p> 	<p>Vehicle operation</p> 	<p>Work activities preparation</p> 

29 Skill Cluster Families

Three different levels – families, clusters and tasks

The **Data, analytics, and databases** cluster family contains these skill clusters.

Data, analytics, and databases



Analyse market data and trends

SPECIALIST TASKS

- Analyse consumer trends
- Analyse industry trends
- Analyse market conditions or trends
- Analyse market or customer related data
- Analyse market research data
- Conduct market research
- Develop pricing forecasts and models
- Forecast economic, political, social or financial trends
- Monitor market conditions or trends

Collect samples and analyse results

Create and update databases

Operations research and management

Research or prepare historical objects or data

Undertake laboratory operations and analysis

Undertake research and analyse data

Use data to inform operational decisions

Verify accuracy of data or documents

Economist

Technology Tools

A technology such as software or hardware, used within an occupation

Common Technology Tools

Several technology tools are so universal that they are likely to be used by most or all occupations, and these are listed here.

These tools are: Office suite software (email and calendar software, word processing software, spreadsheet software, presentation software, desktop publishing software), search engine software, information retrieval and query software, and operating system interfaces.

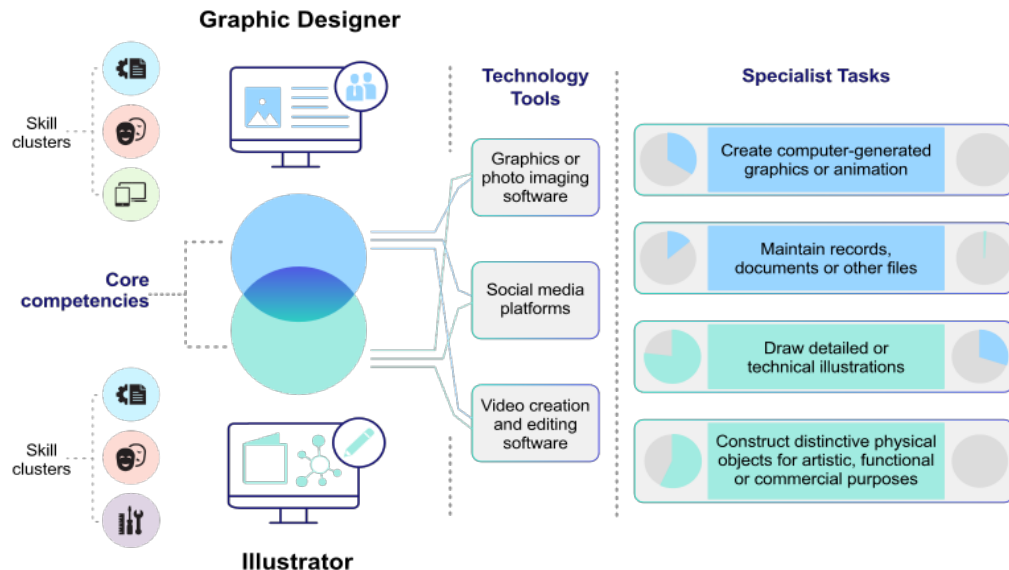
Statistical and data analysis software

Software development and programming languages

E

Financial analysis software

Similarity of two occupations based on skills



10 specialist tasks for a graphic designer and 5 of these are common to an illustrator, indicating a high degree of similarity between the two occupations

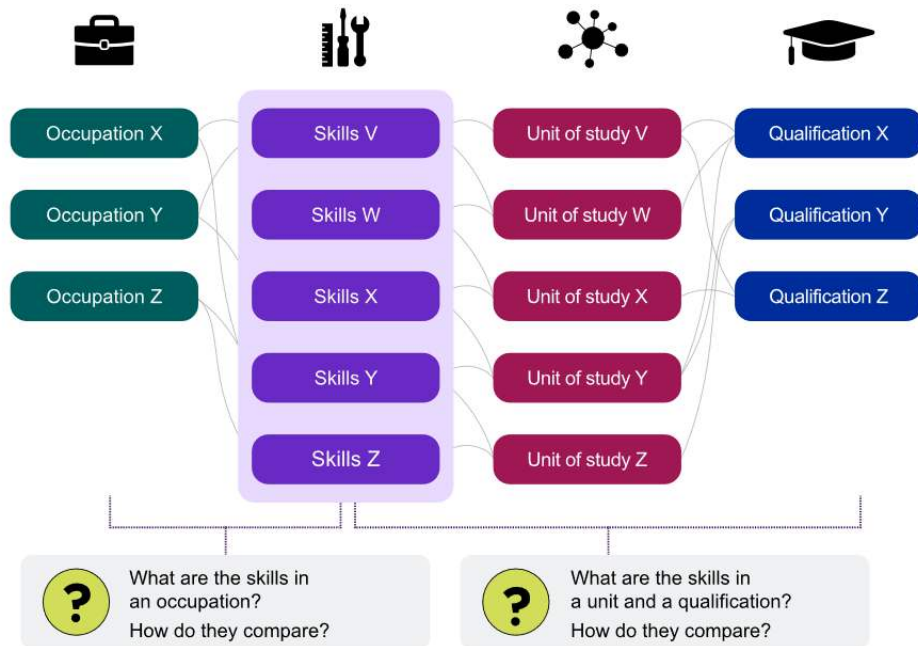
Graphic Designer - ANZSCO Description

Plans, designs, develops and prepares information for publication and reproduction using text, symbols, pictures, colours and layout to achieve commercial and communication needs with particular emphasis on tailoring the message for the intended audience.

Illustrator - ANZSCO Description

Plans, designs, develops, and prepares pictures and diagrams to communicate messages, clarify meaning, assist in presentations and illustrate stories, using traditional and digital media such as drawing, painting, drafting, collage, models, photography, and image capture and manipulation software.

Identifying VET pathways



VET Qualification → Occupation
 Occupation → VET Qualification

Select Occupation

Contract Administrator (511111)

ANZSCO 511111 [view skills profile ↗](#)

Prepares, interprets, maintains, reviews and negotiates variations to contracts on behalf of an organisation.

Code	Qualification
BSB30120	Certificate III in Business
CPC40320	Certificate IV in Building Project Support
PSP80116	Graduate Certificate in Strategic Procurement
PSP50616	Diploma of Procurement and Contracting
DEF40917	Certificate IV in Performance Based Contracting
PSP40616	Certificate IV in Procurement and Contracting
PSP60616	Advanced Diploma of Procurement and Contracting
CPC60220	Advanced Diploma of Building and Construction (Management)
BSB50820	Diploma of Project Management
BSB40120	Certificate IV in Business
BSB60320	Advanced Diploma of Human Resource Management