

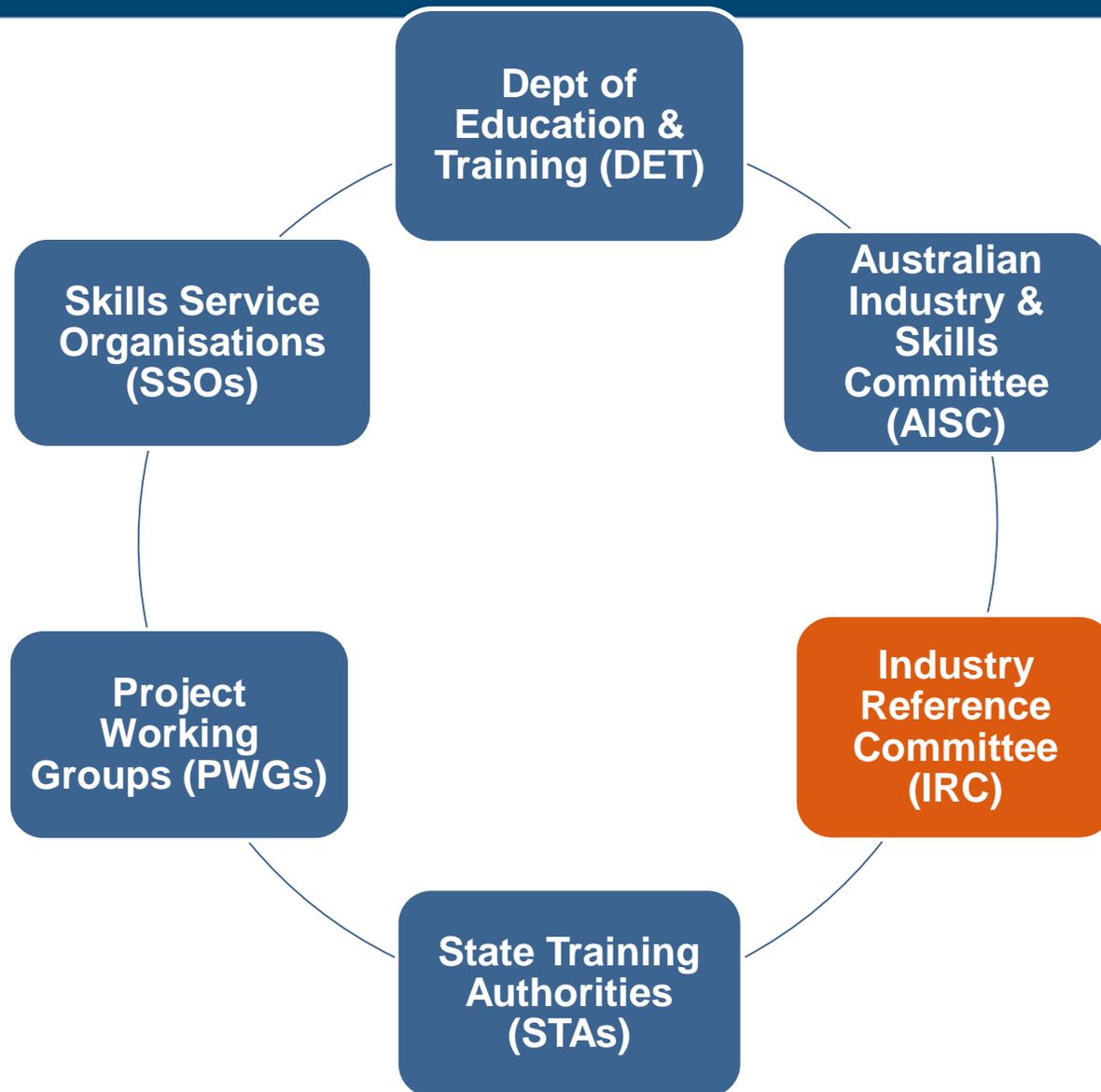


Resources & Infrastructure Industry (RII) Training Package

David Connell
Regional Manager, Mines Rescue

6 December 2018

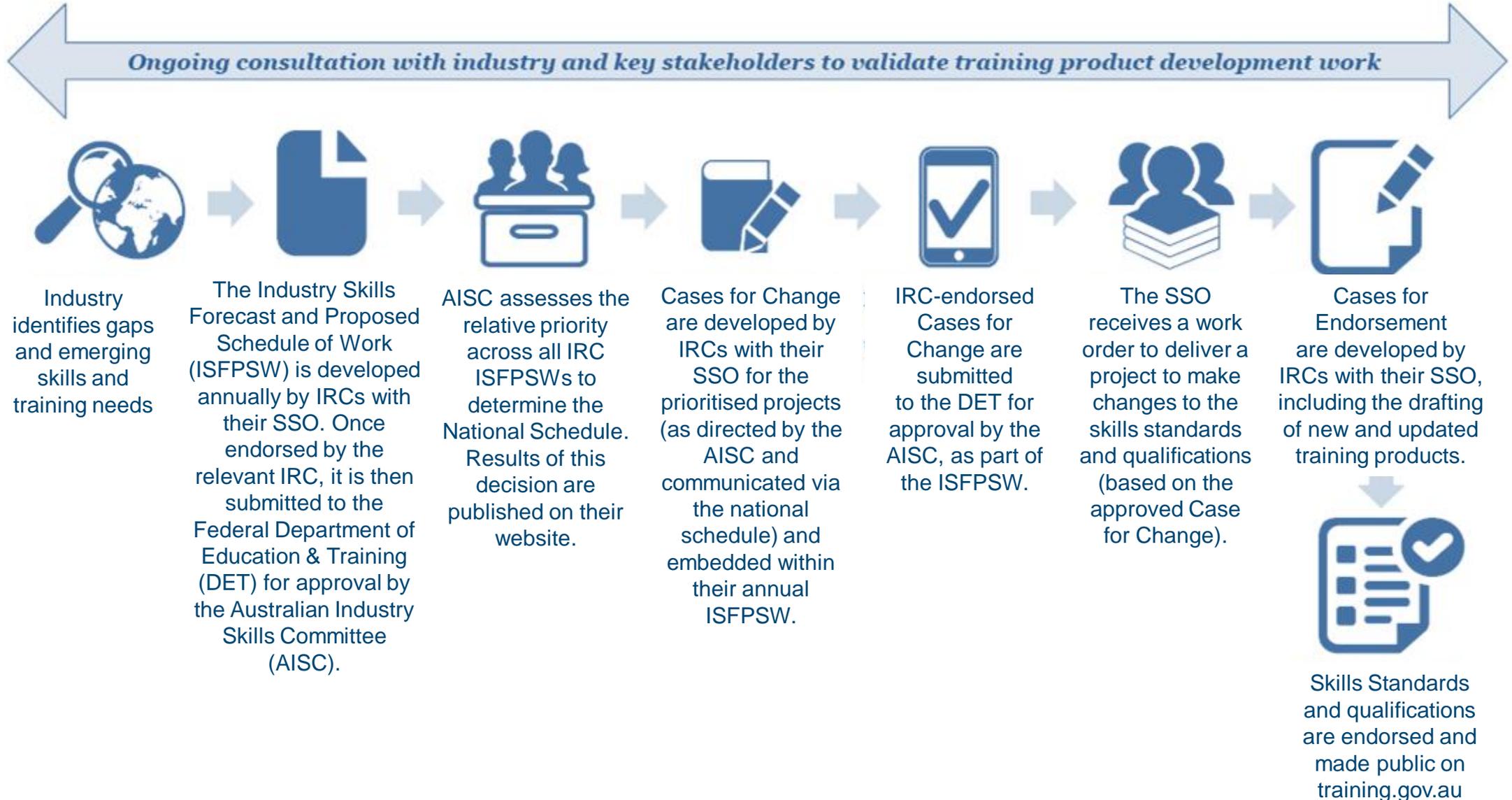
Roles of various bodies in vocational training



IRCs are the formal channel for considering industry skills requirements in the development and review of training packages.

Each is made up of sector leaders from big business to small enterprise and peak bodies to unions, who understand the skills need of their sector, industry or occupation.

Maintaining currency of vocational training



2016-17 Projects – Cases for Endorsement



The table below shows a high level overview of our 2016-17 projects, including the difference Case for Endorsement (CfE) stages they are at, and the next steps in the process for completing them.



	PWG & industry consultations	Recommendations report/IRC review	Training product drafting, PWG/industry consultation	Draft Case for Endorsement	Quality Assurance	STA review	Final IRC signoff	AISC signoff; changes 'live' on tga.gov.au
Mine supervisors								
Traffic management								

Current stage

Update of MDCl project: Traffic management



Stage: Industry consultation

Scope of changes

UoCs to be reviewed:

- RIIWHS302D Implement traffic management plan
- RIIWHS205D Control traffic with stop-slow bat

Rationale recap:

- The level of proficiency that needs to be demonstrated in this unit is highly contentious, as there is no nationalised regulator. In some jurisdictions, meeting the specified three site demonstrations is almost impossible, given the remote location of work. There are also high safety risk involved in this role.

Since the Coal IRC last met:

- Austroads Working Group meeting with PwC's Skills for Australia in attendance to discuss scope of the Austroads project vs. IRC driven project.
- PwC's Skills for Australia to conduct industry consultation on behalf of the IRC.
- Proposed by IRC members to have no formal PWG, the Civil IRC will oversee
- project direction and training product development.

Next:

- **October - November:** Ongoing consultation with industry, Austroads and the IRC to determine industry skills needs.
- **November - December:** Public review of amended training products.

Update of MDCl project: Mine Supervisors

Stage: Industry consultation and draft training products

Scope of changes

UoCs to be amended:

- RIICOM301D Communicate Information
- RIIRIS301D Apply risk management processes
- RIIWHS301D Conduct safety and health investigations
- RIIRIS402D Carry out the risk management processes
- RIIUND401D Apply and monitor the ventilation management plan
- RIIWHS403D Apply the mine work health and safety management plan
- RIIRIS401D Apply site risk management system
- RIICOM302D Communicate workplace information
- *RIIBEF301D Run on-site operations*
- *RIIBEF402D Supervise on-site operations*

Skills sets to be created: 1

Rationale recap:

- The objective of this project is to address a skills gap with supervisors in the MDCl sector, particular around the areas of leadership, communication, and risk management. To address these issues it is proposed to review the Units of Competency (UoC) listed below and through the development of a skill set for supervisors working in the MDCl sector.

Since the Coal IRC last met:

- PwC's SfA have conducted a number of consultations in the form of teleconferences, focus groups and face to face consults. We have participated in a number of industry events which have contributed to the development of the project. Training products V2 have been drafted and circulated with IRC members for review and comment.

Next:

- IRC to discuss draft training products V3 and next steps

Stream 1 project update – Coal Mining project



Overview of the scope and project outcomes outlined in the Industry Skills Forecast in regards to the Coal Mining project.

	Occupations/skills impacted	Evidence of future workforce demand	Evidence of VET training demand	Project outcomes
Project 2D: Coal	<p>Anticipated to impact occupations at all levels in the coal mining sector. These include the following roles in both underground and surface coal mining:</p> <ul style="list-style-type: none"> • Operator • Mine Supervisor • Mine Deputy 	<p>Coal exports are forecast to increase from 202 million tonnes in 2016-17 to 209 million tonnes in 2021-22</p> <p>Employment is projected to increase: 57,000 individuals employed as drillers, miners, shotfirers in 2017. 5.9% increase in demand for the roles expected in the next 5 years.</p>	<p>VET training plays an important role in the coal industry:</p> <ul style="list-style-type: none"> • There were 2,300 enrolments in coal mining sector qualifications in 2016 • Over 150 completions of nationally accredited coal qualifications <p>VET training forms part of statutory and regulatory requirements in Qld and NSW for roles in coal mining.</p>	<p>More recognition of transferable skills will allow greater flexibility for workers to move between job roles and sectors in response to fluctuations with the boom and bust nature of mining.</p> <p>Better training for individuals in managerial and leadership positions, more closely aligned to the requirements of job roles.</p> <p>Greater confidence in the rigour with which qualifications are assessed will remove the burden of putting people through additional, repetitive training.</p>

Common skills project



Given the increased focus on health and safety by regulators in the Mining, Drilling and Civil Infrastructure sectors, as well as an increasingly highlighted need for more managerial skills in the workforce, the Common Skills Project aims to address these concerns.

	Occupations/skills impacted	Evidence of future workforce demand	Evidence of VET training demand	Project outcomes
Project 2B: Common skills	<p>Anticipated to impact a broad range of occupations in all MDCI sub sectors. Skills that will be impacted include:</p> <ul style="list-style-type: none"> Risk management, governance and compliance and WHS Project management, business effectiveness and financial administration Communication, leadership and teamwork Service maintenance and vehicle operations <p>Specialist skillsets will be created for:</p> <ul style="list-style-type: none"> Surface ventilation technician Surface ventilation officer Underground ventilation technician 	<p>The MDCI sector is a significant and important part of Australia's economy, employing approx. 367,900 people in 2017.</p> <p>Employment in the sector as a whole is expected to increase by 3% in the next 5 years.</p> <p>Strong growth is projected in the following occupations over 5 years:</p> <ul style="list-style-type: none"> Technicians and trades Drillers, miners and shot firers Other construction and mining labourers. 	<p>These 'common skills' refer to the skills used by workers in a range of roles at all levels within the MDCI sector.</p> <p>There were 92,204 learners enrolled in the RII training package in 2016, comprising 2.2% of all learners.</p> <p>Safety training is a continuous focus for all sectors for job roles at all levels, given the hazardous nature of the working environment.</p>	<p>More relevant, contemporary training relating to general employability skills for a broad range of roles in the MDCI sector.</p> <p>Greater recognition for transferable skills will enable workers to move between roles or sectors in response to fluctuations in industry demand during boom and bust periods.</p> <p>Improved training for Surface Ventilation Technicians, Surface Ventilation Officers and Underground Ventilation Technicians to meet the needs of industry and raise safety standards in the sector.</p>

Emergency Response and Rescue project



The Emergency Response and Rescue Project seeks to rectify the lack of clarity existing around the distinction between units of competency skilling workers in knowledge of tasks relating to high risk work (such as rigging, scaffolding and dogging), and granting a licence to perform them, which is required to comply with Model Work Health and Safety (WHS) laws.

	Occupations/skills impacted	Evidence of future workforce demand	Evidence of VET training demand	Project outcomes
Project 2F: Emergency Response and Rescue	Anticipated to impact occupations including <ul style="list-style-type: none"> • Mine Safety Officer • Response and rescue team members on mine and construction sites 	Demand for workers with safety training is projected to grow in the next 5 years: <ul style="list-style-type: none"> • Safety inspectors • Fire emergency workers 	High demand for these skills, with 1,467 enrolments in the Certificate III in Mine Emergency Response and Rescue in 2016.	Greater trust in the standard of safety qualifications for workers involved in emergency response teams. More individuals with a greater awareness of the WHS requirements and the specific challenges of different mine environments, creating a safer environment for all.

Emergency Response and Rescue project – consultation



Emergency Response and Rescue industry units of competency in scope



Project code: 2F

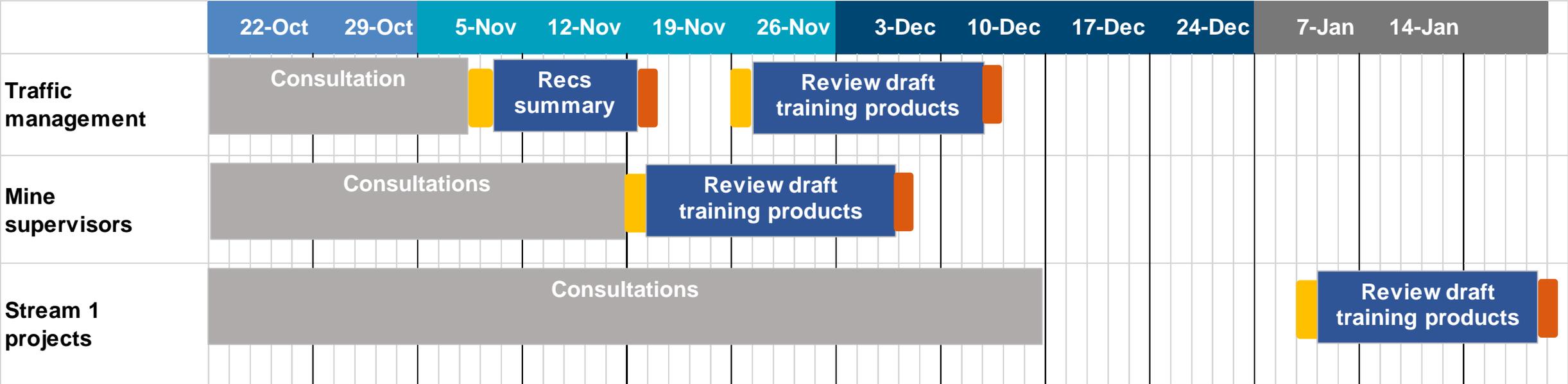
Project name: Emergency Response and Rescue

Unit code	Unit title	Unit code	Unit title
RIIERR203D	Escape from hazardous situations unaided	RIIERR308D	Extricate and transport people involved in incidents
RIIERR301D	Respond to mine incident	RIIERR310D	Provide support for rescue operations
RIIERR303D	Operate in self-contained regenerative oxygen breathing apparatus	RIIERR311D	Assess and implement life support systems and stabilise casualties
RIIERR304D	Control emergencies and critical situations	RIIERR401D	Apply and monitor surface operations emergency preparedness and response systems
RIIERR305D	Control underground fires	RIIERR403D	Lead rescue team
RIIERR306D	Conduct underground search	RIIERR504D	Manage major incidents and emergencies
RIIERR307D	Extricate casualties from underground incident	RIIERR601D	Establish and maintain mine emergency preparedness and response systems

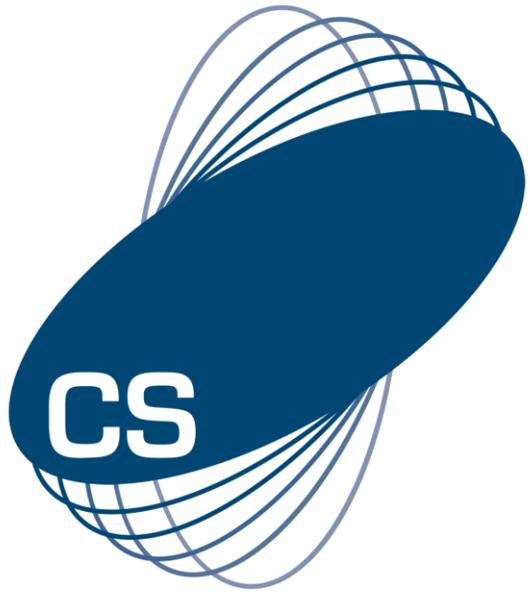
Overview of the next 3 months



The timeline below provides an overview of IRC involvement in ongoing and upcoming projects



■ Document sent to IRC
 ■ IRC review period
 ■ IRC review deadline



<https://www.skillsforaustralia.com/>