

Capricorn Enterprise Major Projects Forum 2020

Thursday 29 October 2020

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Agenda

Project governance

Project outcomes

Project overview

Project update

Alliance

Alliance objectives

Weir specifications

Fast facts

Project timeline

Regional opportunities

Construction

Industry Capability Network

Support for Central Queensland

Contacts

Questions

Project governance

Sunwater is committed to delivering water for prosperity, benefitting Central Queensland communities, agriculture and industrial enterprise.



Queensland Government

Project owner



Queensland Government Australian Government



Project financiers

sunwater

**Project construction authority and
owner's representative (alliance)**

Project outcomes

The aim of the project is to:

- Improve water security for the region
- Boost the regional economy
- Create jobs during construction
- Grow and diversify industry and agriculture
- Allow for the buying and selling of water










Project overview

A landmark project that will upgrade local road and bridge infrastructure to build a weir that will capture valuable water in the lower Fitzroy River, 66 km south-west of Rockhampton, for use across the region.

- Rookwood Weir
- Road, bridge and culvert upgrades
- Environment
- Water sales
- Rookwood Weir Water Supply Scheme

Project update

Project	Timeline	Jobs created	Design and construction teams
Thirsty Creek Road upgrade	Complete	25	
Capricorn Highway Intersection upgrade	Complete	35	
Riverslea Bridge upgrade	15 % complete. Expected completion June 2021	25	
Rookwood Weir	Early works commence in Early-November 2020 Expected completion 2022	200+	   

Alliance

sunwater



McCOSKER
SAFETY FIRST. PRODUCTION ALWAYS.

Alliance objectives



- Cost: to deliver the project within the available budget



- Time: to ensure completion and handover on time



- Safety: creating a culture of safety for all project members



- Quality: to create an asset that is fit for purpose



- Community: to ensure sensitivity when engaging with the community and stakeholders



- Environment: to ensure genuine sensitivity and care to the environment



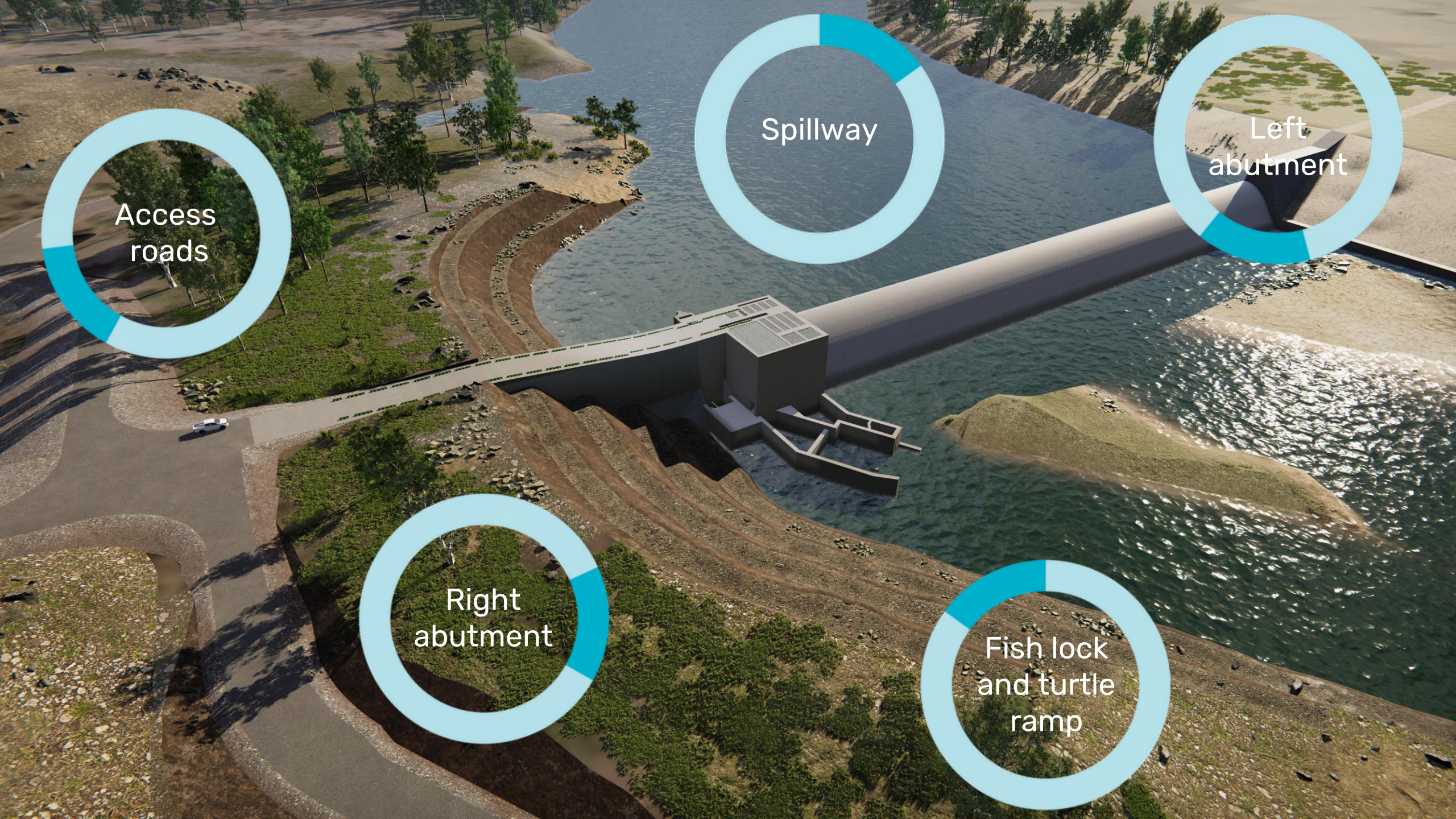
- Values: to maintain consistency with Sunwater's values and code of conduct



- Compliance: to ensure rigorous compliance with best practice principles and local benefits tests



- People: skills and development



Access
roads

Spillway

Left
abutment

Right
abutment

Fish lock
and turtle
ramp

Fast facts

- Full supply level: 45.5 m Australian Height Datum (AHD)
- Full supply volume (FSL): 65,402 ML for blended use – medium priority (MP) and high priority (HP) – subject to final design
- Yield at FSL: 76,000 ML of MP – subject to final design
- Impoundment length: approximately 55 km
- Minimum operating level: 37.0 m AHD
- Weir length: 370 m
- Height above riverbed: approximately 15.5 m



= 30,400
Olympic swimming pools
1 = 2.5ML = 2,500,000 litres

**Rookwood Weir will be
the largest weir operated
by Sunwater in regional
Queensland.**

Project timeline

What's happening when?

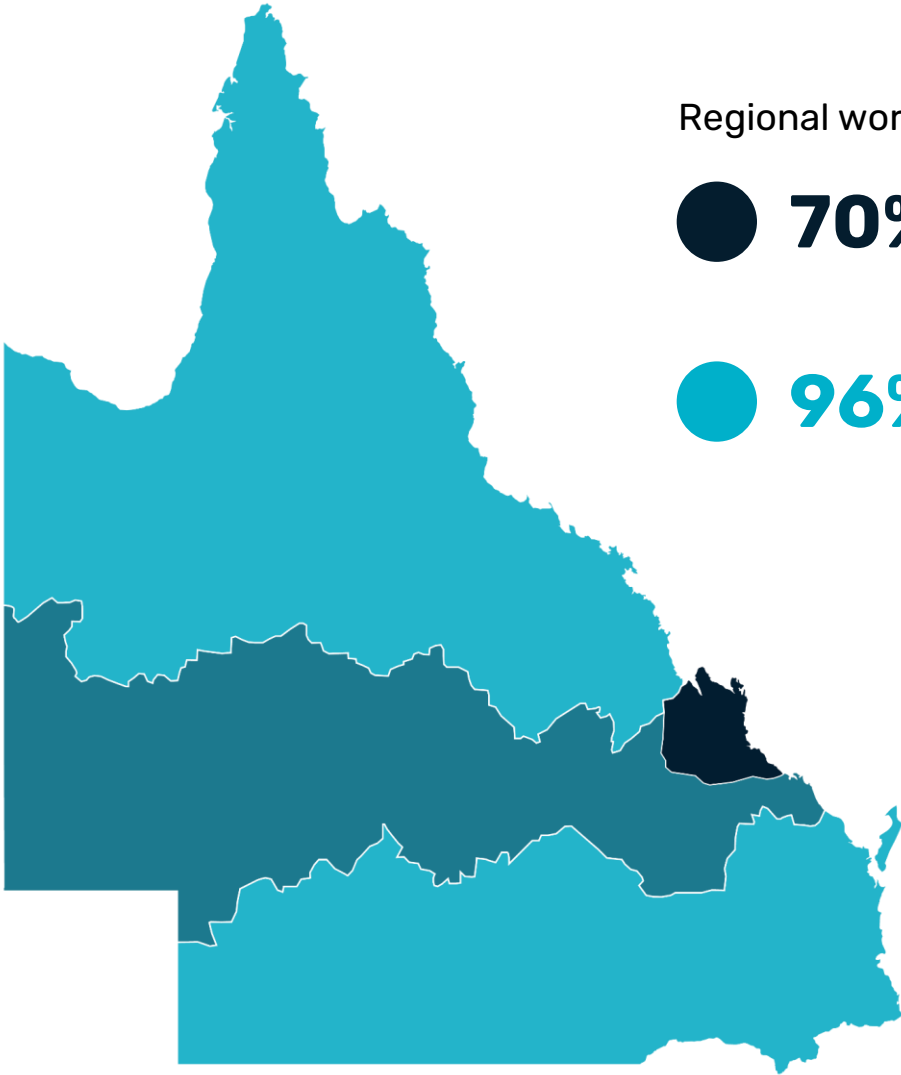


Regional opportunities

Regional workforce targets

● **70% +**

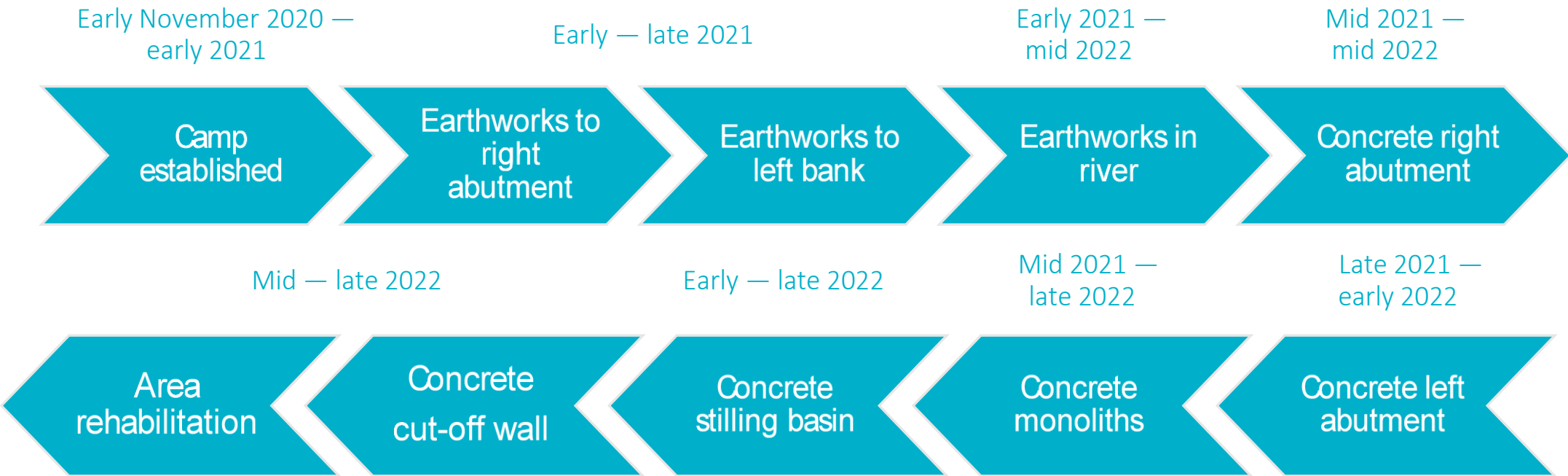
● **96%**



More than **200** workers required over a two to three-year period.

Construction timeline

Key construction activities and milestones include:



Preliminary works

Camp set-up and early construction



- The works undertaken will be early works and the scope of this work includes project camp site preparation and installation erection of camp buildings and facilities



- Setting out and clearing of project site boundaries



- General clearing and grubbing of site



- Installation of preliminary erosion and sediment controls



- Construction of settling, and water storage ponds



- Surveys of the project site and commencement of fencing to boundaries



- Installation of microwave communication equipment

Construction materials

Materials required to construct the weir

Approx.

120,000 m³
of concrete required

Approx.

235,000 t
of concrete aggregates required

68%

of the aggregate to be won from site

Industry Capability Network

Register your interest today

Sunwater has partnered with the Industry Capability Network (ICN) to connect contractors, subcontractors and suppliers with Rookwood Weir Project opportunities.

Local industry operators interested in the project are encouraged to register their interest at our ICN supplier portal: rookwoodweir.icn.org.au

Support for Central Queensland

Upcoming events

- 10 November 2020
 - Gogango community event and barbeque
- 12 November 2020
 - Industry briefing + resources to help build capability statements and tendering

Contacts



Call our Project Hotline: 1800 423 213 Monday – Friday 9.00am – 4.00pm



Subscribe to our eNews, *Rookwood RoundUp*: rookwood.weir@sunwater.com.au



Visit the Sunwater website: > Dam Infrastructure > Projects > Rookwood Weir



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Questions?

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