PROJECT MANAGEMENT

What does our industry do in the ESG space?

ESG in the Code of Practice and Practical Application on the WORM Project

Matt McDermott and Mitch Pearce

CNC is proudly certified to

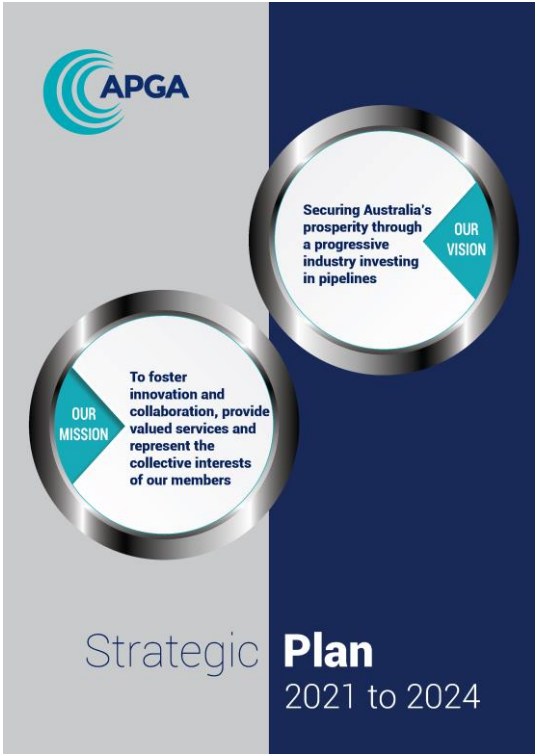
bsi
ISO 9001 Quality Management Systems CERTIFIED
ISO 14001 Environmental Management CERTIFIED
ISO 45001 Occupational Health and Safety Management CERTIFIED

ESG within the CoEP

PROJECT MANAGEMENT

ESG within the CoEP

- Updates to the Code of Practice in 2022 included a section on Sustainability
- APGA Strategic Plan 2021 – 2024



PROJECT MANAGEMENT

ESG within the CoEP

The Social Responsibility pillar defines its objective as:

- To lead and support the industry in delivering positive environmental, social and governance outcomes

PROJECT MANAGEMENT

Sustainability

- ✓ High level guidance on how to integrate sustainability into a project
- ✓ Efficient use of resources
- ✓ Protection of natural resources
- ✓ Cost effectiveness

PROJECT MANAGEMENT

Infrastructure Sustainability Council

- ISCA – Members based industry body
- Ratings scheme
- Recognises and rewards best practice

PROJECT MANAGEMENT

ISCA

- Government projects
- Critical infrastructure approvals
- Road Projects

PROJECT MANAGEMENT

Future APGA Guidance

Development of an APGA Sustainability Code

PROJECT MANAGEMENT

Practical Application

PROJECT MANAGEMENT

Introducing ISCA for Projects

Aims to drive whole of life benefits and outcomes from:

- Cultural
- Social
- Economic
- Environmental

Sectors during the design, construction and operation of Australian Infrastructure.

PROJECT MANAGEMENT

Infrastructure Sustainability Themes and Categories

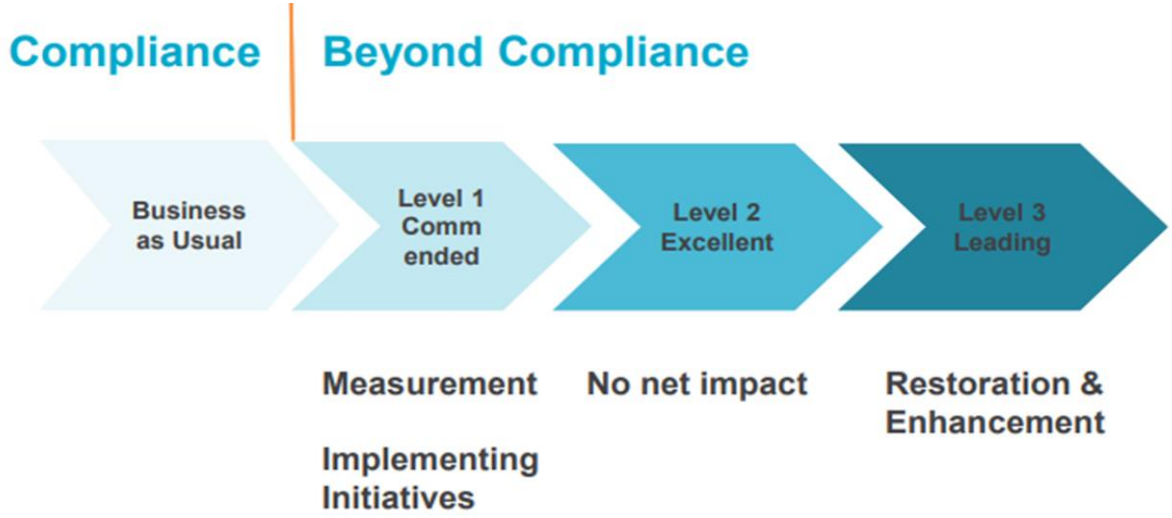
Themes	Categories
Management and Governance	Management Systems
	Procurement and Purchasing
	Climate Change Adaptation
Using Resources	Energy and Carbon
	Water
	Materials
Emissions, Pollution and Waste	Discharges to Air, Land and Water
	Land
	Waste
Ecology	Ecology
People and Place	Community Health, Well-being and Safety
	Heritage
	Stakeholder Participation
	Urban and Landscape Design
Innovation	Innovation
Workforce*	
Economic*	

ISCA Infrastructure Sustainability Council of Australia

Credit: ISCA

PROJECT MANAGEMENT

Infrastructure Sustainability Benchmark



ISCA Infrastructure Sustainability Council of Australia

Credit: ISCA

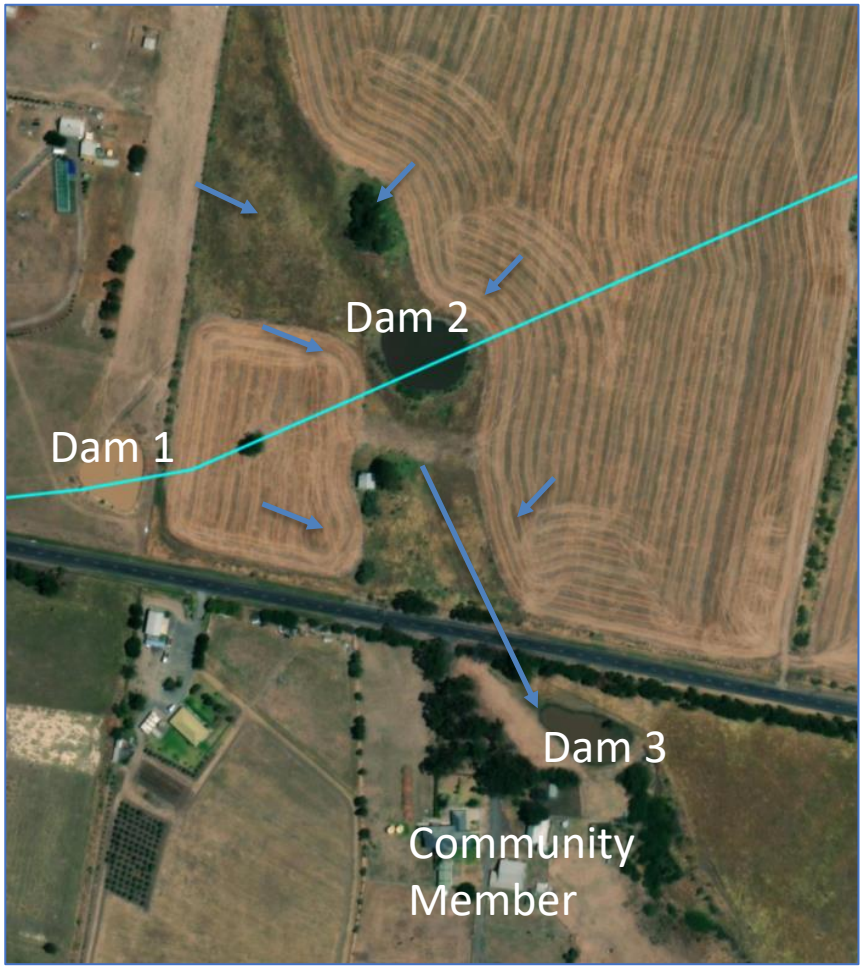
PROJECT MANAGEMENT

Going beyond compliance on the Western Outer Ring Main (WORM Project):

Business as Usual community requirements:

- Community engagement with directly impacted members
- Raise awareness of Project through site posters, monthly community alerts and other collateral
- Listening, reporting and responding to community / landholder concerns and complaints

PROJECT MANAGEMENT



Situation where ESG principles could be implemented:

The release of water from the Project site would cause an indirect impact on neighboring property, as the water ended up in a downstream community member's dam and would likely cause it to overflow

PROJECT MANAGEMENT

Leaving a Positive Community Outcome

- Engaged community members about project, explained why water was flowing onto their property and ensured them the water was clean and passed quality requirements
- Avoided the attitude of - *"If it rains, the water flows into the property anyway, so no engagement is required"* or *"what if the neighbor says we can't do it"*

PROJECT MANAGEMENT

APA Kurri Kurri Opportunities

While not contractually required – during the construction of Kurri Kurri Lateral Pipeline Project, Spiecapag will implement a simplified ISCA program to track resource use and identify possible reductions

PROJECT MANAGEMENT

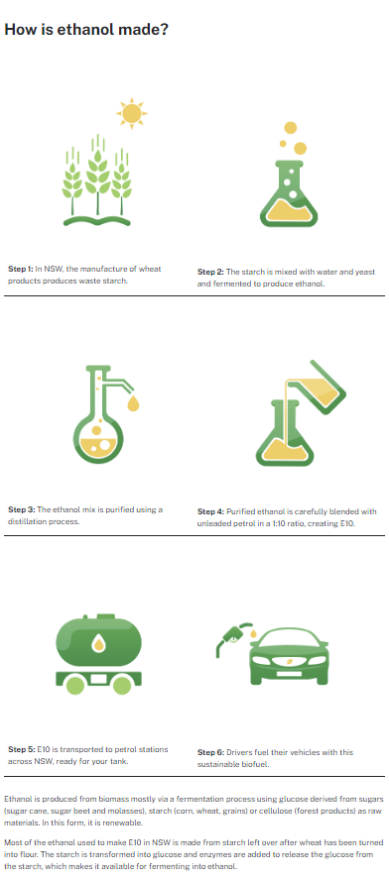
Water and Carbon

Focus on savings on water and greenhouse gas emissions through:

- the use of soil binding polymers (compared to constant dust suppression with water cart, also benefits water quality)
- using non-potable water where possible (vs treated potable water)
- Using E10 in vehicles where possible (2-5% emission savings and using E10 supports Australian farmers)

Credit: Vital Chemical

Credit: Vital Chemical



PROJECT MANAGEMENT

People and Places

- Community and Stakeholder benefits:
  - Supporting local businesses during procurement
  - Early and frequent engagement

Infrastructure Sustainability Council

PROJECT MANAGEMENT

Thank you

Questions?

PROJECT MANAGEMENT