



Beneath the Surface of the WSUD Maintenance Compliance Framework

By Daniel Rider
May 9th 2024



Access the Framework
wsudcompliance.com.au/resources



Starts at 12:30pm AEST

Acknowledgement of Country





**Disclaimer:
conflict of interest**

Overview

🌀 The Situation

- What is the problem?
- Why is it happening?
- What are the consequences?
- What is the law for this?

🌀 The Framework

- What is the Framework?
- How to use it?
- How much does it cost?
- Why is it important?
- Who supports it?
- Who has been involved?
- What is the Network?
- Who is the Framework for?
- How can it benefit you?
- Why have Ocean Protect started this?
- What are the challenges with this project?

🌀 The Future

- What is the timeline?
- What can you do?

An underwater scene with a blue color palette. The background shows light rays filtering through the water and numerous bubbles of various sizes. The text 'The Situation' is centered in a white, bold, sans-serif font.

The Situation

What is the problem?

- ④ >500,000 assets installed
- ④ Assets are not being maintained
- ④ Parramatta River Catchment Group (2022)
 - 20% of assets being maintained (according to asset owners)



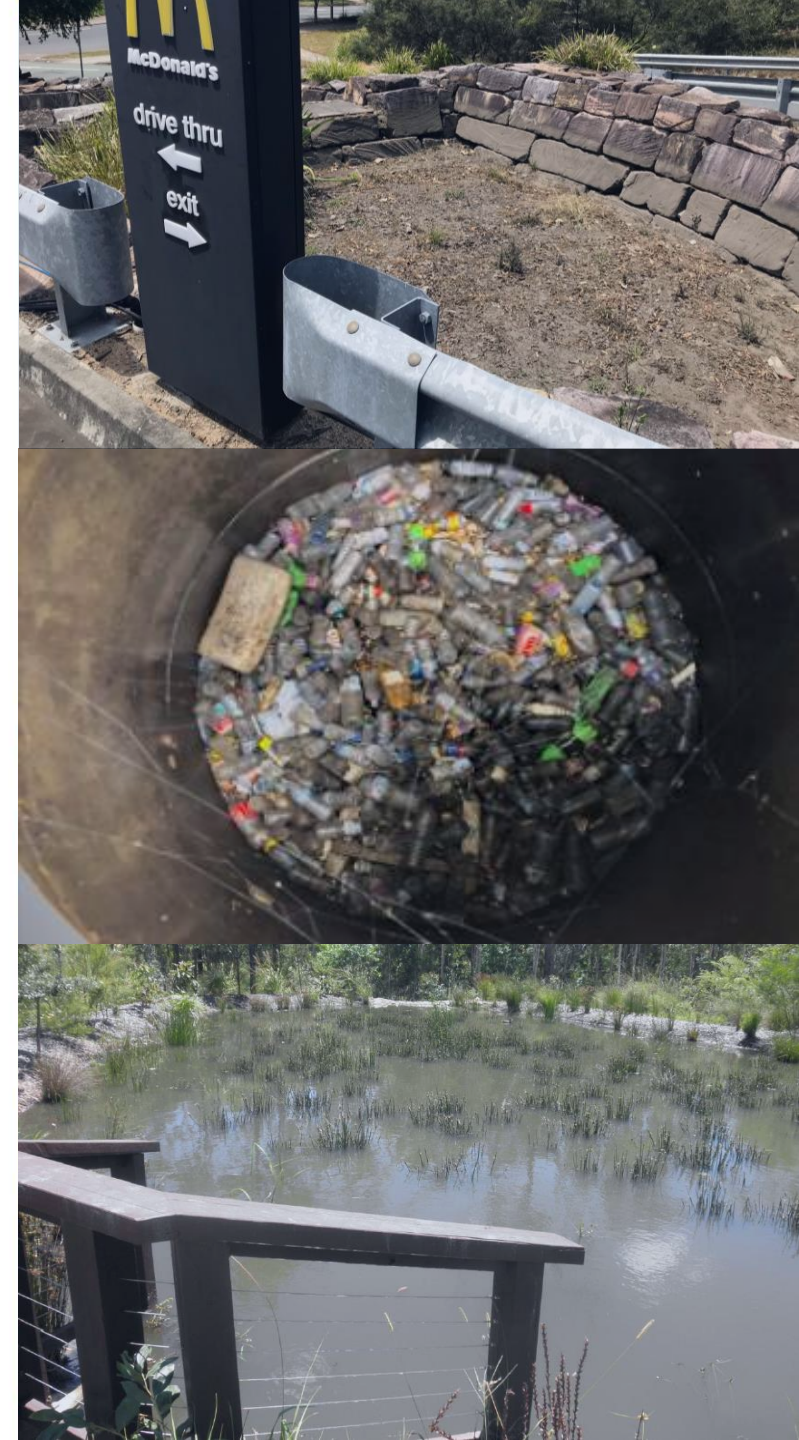
Why is it happening?

- ⦿ Lack of:
 - funding
 - capacity
 - understanding
 - interest
 - standardisation



What are the consequences?

- ② Environmental: water quality, detention, conservation, etc.
- ② Economical: Clean up costs, reduce property value, etc.
- ② Social: health & safety



What is the law for this?

- ⦿ Put in to prevent environmental harm
- ⦿ Not maintaining these cause environmental harm
- ⦿ Environmental harm is illegal
- ⦿ Plus development conditions & covenants

May 30th Webinar:
*Law & Order: WSUD
Asset Maintenance*



Disclaimer: Not legal advice

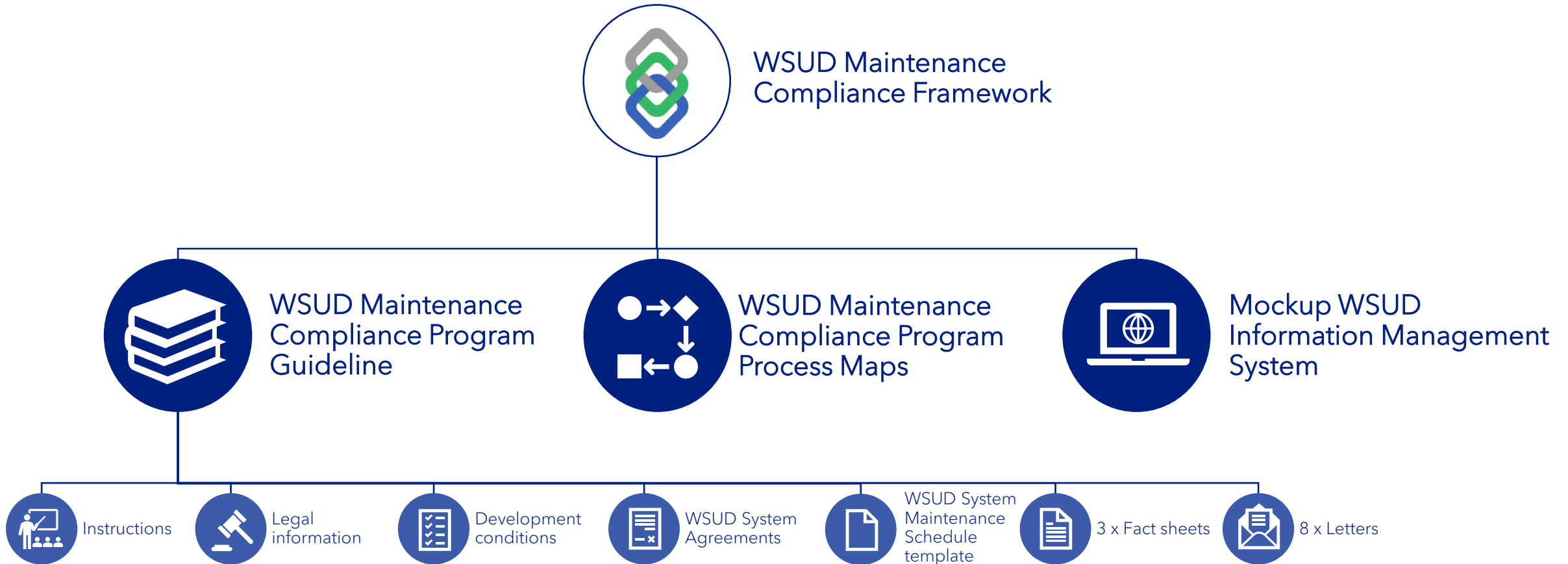


The background is a deep blue, monochromatic image of an underwater scene. It features numerous bubbles of various sizes, some in sharp focus and others blurred, creating a sense of depth and movement. The lighting is soft, with a slight gradient from top to bottom, suggesting light filtering through the water.

The Framework

What is the Framework?

Access the Framework
wsudcompliance.com.au/resources



What is the Guideline?

Access the Framework
wsudcompliance.com.au/resources



WSUD Maintenance Compliance Program Guideline

Chapter 1:
Introduction

Chapter 2:
Development
Process

Chapter 3:
Identification
Process

Chapter 4:
Operational
Process

Chapter 5:
Auditing
Process

Chapter 6:
Enforcement
Process

Appendices

Introduces the topic, the Framework, the Guideline, and the relevant law

Outlines and explains the activities and decisions within this process

Outlines and explains the activities and decisions within this process

Outlines and explains the activities and decisions within this process

Outlines and explains the activities and decisions within this process

Outlines and explains the activities and decisions within this process

Development conditions, WSUD system agreements, Maintenance schedule, 3 x Fact sheets, 8 x Letters, 2 x work activity reporting sheets



WSUD MAINTENANCE COMPLIANCE PROGRAM

GUIDELINE



CONSULTATION DRAFT

April 2024 | www.wsudcompliance.com.au

What is the proposed program?

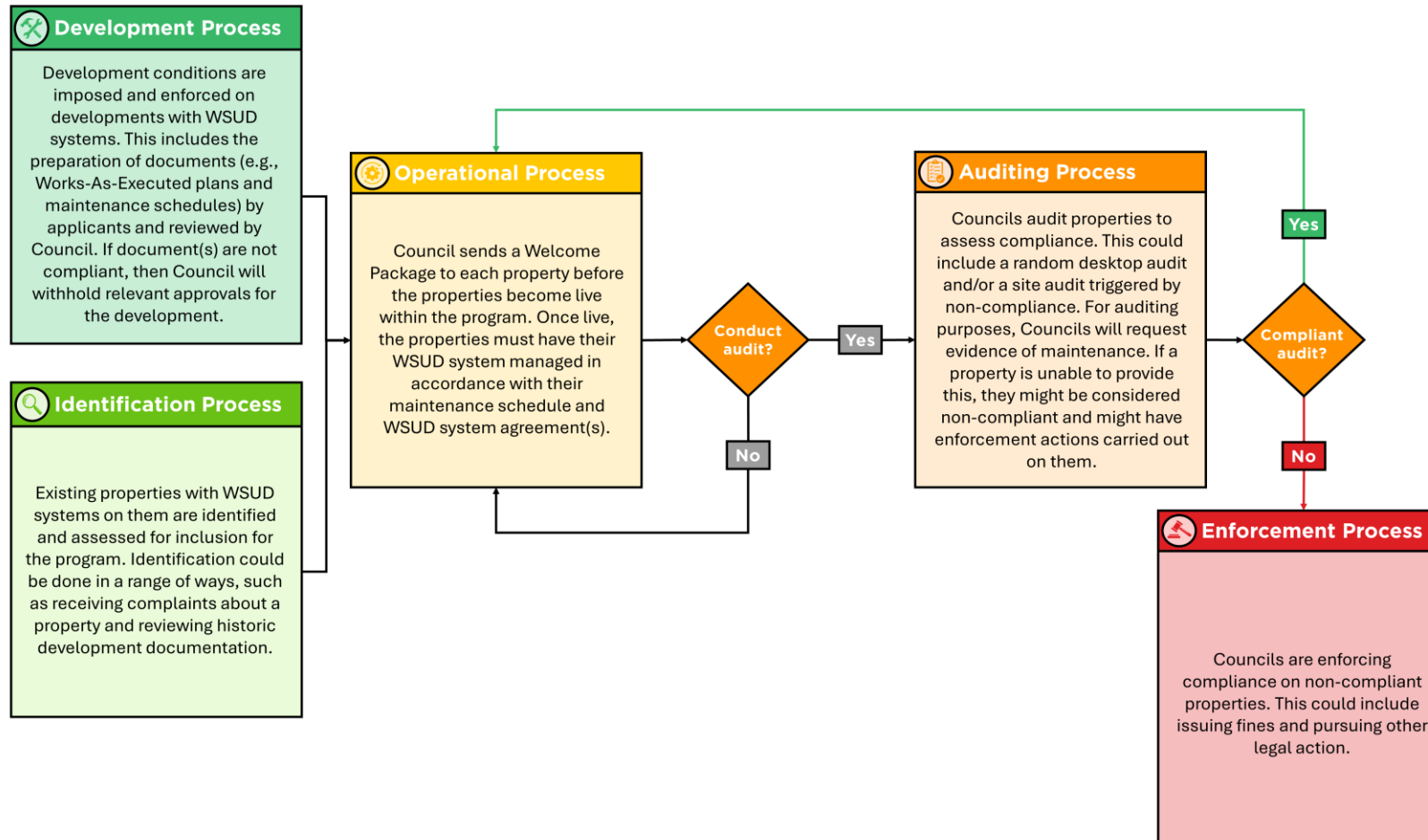
Access the Framework
wsudcompliance.com.au/resources



High Level Process Map

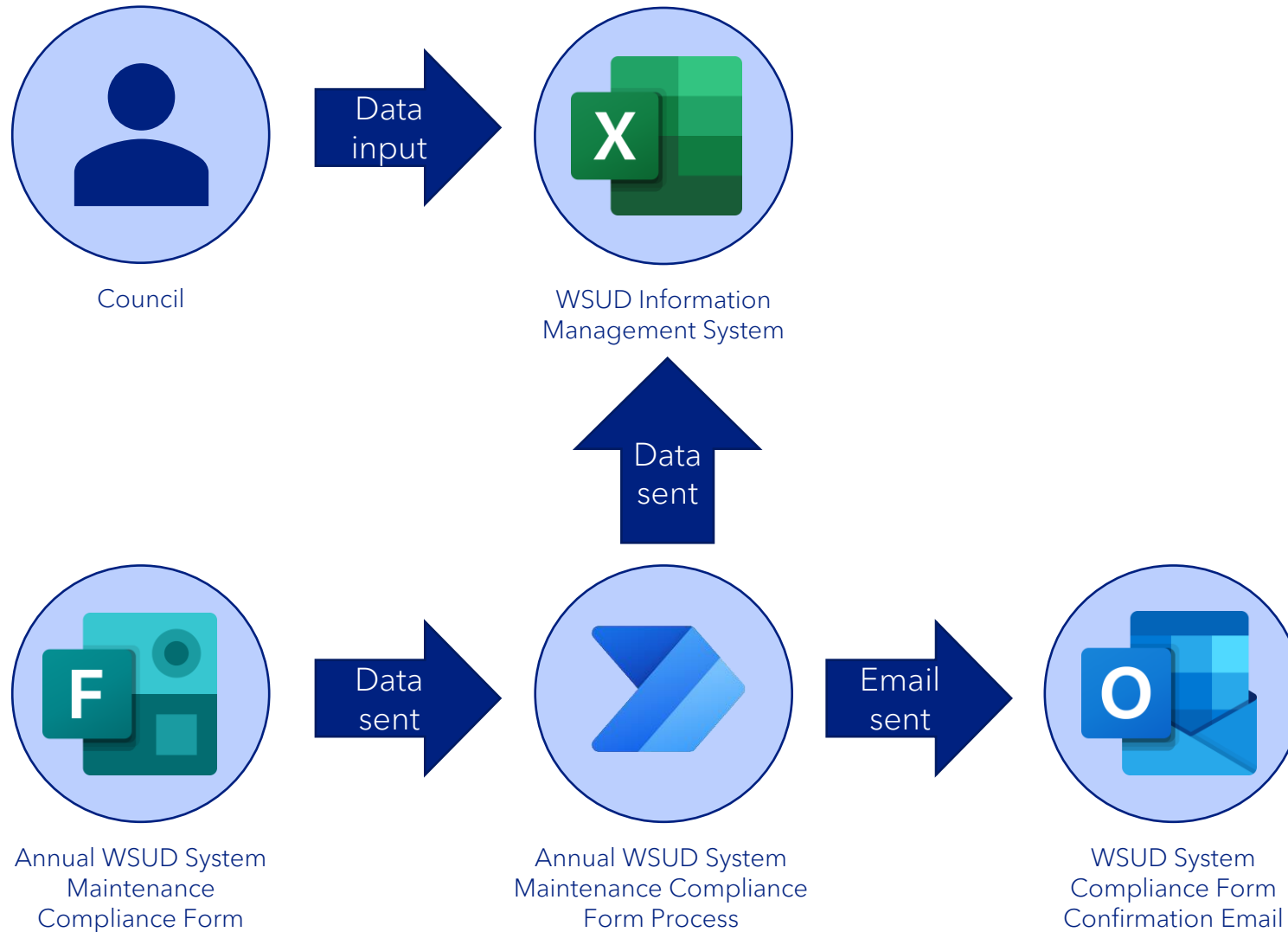
CONSULTATION DRAFT

This map outlines the proposed general processes of a WSUD maintenance compliance program operating based on the WSUD Maintenance Compliance Framework. For greater detail, refer to the 'WSUD Maintenance Compliance Program Guideline' or the following pages. Visit wsudcompliance.com.au for more information about the Framework.



What is the IMS?

Access the Framework
wsudcompliance.com.au/resources



What is the IMS?

Access the Framework
wsudcompliance.com.au/resources



WSUD Information Management System

User Guide

Property Register

Asset Register

Compliance Forms

Work Activities

IMS Information

IMS Setup

Guidance and information about using the IMS

High-level info about the property

Critical info about each asset

Storing annual compliance data

Lists asset types, models, etc., and their associated work activities

Information about the different columns within the IMS

Instructions on how to setup the IMS

How to use it?

- ④ Use it
- ④ Modify it
- ④ Build upon it
- ④ Take inspiration
- ④ Differing ways



How much does it cost?

It is free!



Why is it important?

- ④ Provides guidance on operating program
- ④ Save Councils time, money, & resourcing
- ④ Creates standardization
- ④ Help environment & communities



Who supports it?

Access the Framework
wsudcompliance.com.au/resources



In-principle supporters



Who has been involved?

Access the Framework
wsudcompliance.com.au/resources



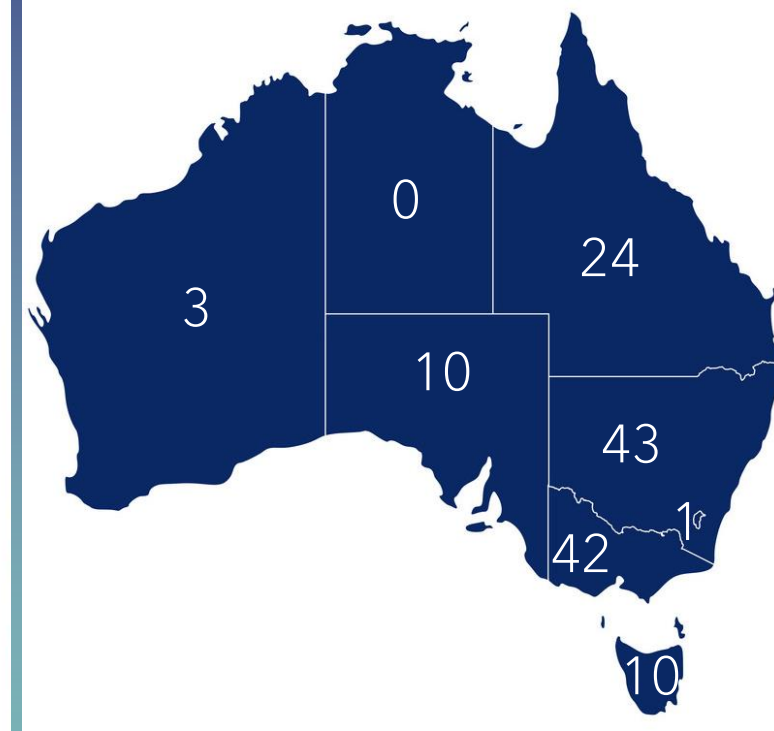
CLAYTON UTZ

National WSUD Compliance Network



What is the Network?

- ② National WSUD Compliance Network: bringing stakeholders to:
 - discuss WSUD compliance
 - Provide feedback on Framework
 - Hold the Framework accountable and make it transparent

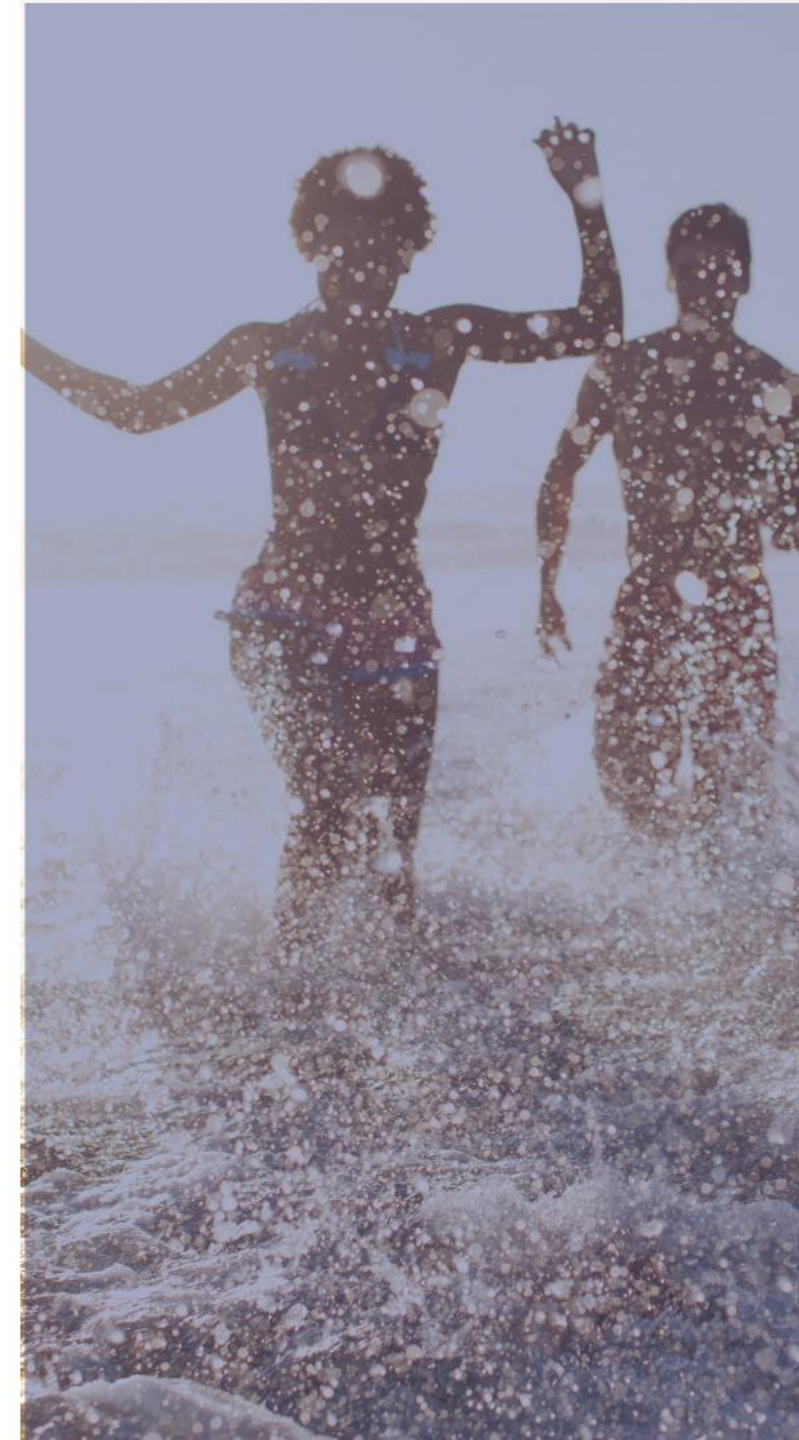


4 meetings:

- ② 130 individuals
- ② 86 organisations

Who is the Framework for?

- ④ Councils
- ④ But others can benefit...



How can it benefit you?

- ④ **Everyone:** cleaner, healthier & safer community & environment
- ④ **Council & regulators:** environment, economic, social & organisational
- ④ **Consultant:**
 - Help implement & operate
 - Audit assets
- ④ **Maintenance provider:** increased maintenance services



Why have Ocean Protect started this?

- ② Protect the environment & community
- ② Help the industry
- ② More maintenance contracts
 - For us & all maintenance providers
- ② No one else is



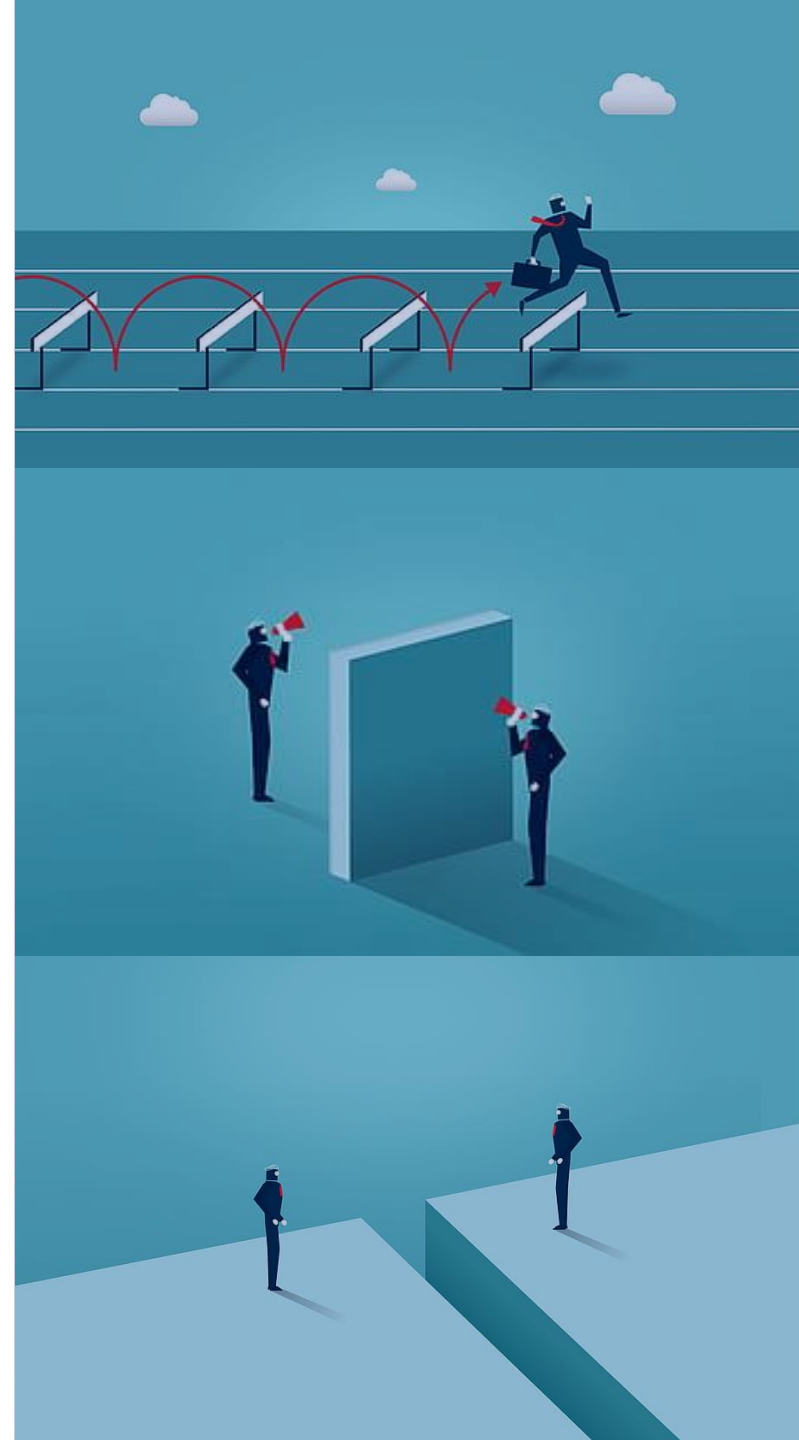
Ocean Protect will not be:

- ② Enforcing compliance
- ② Accessing confidential data & information
- ② Pushing proprietary assets



What are the challenges with this project?

- ① Uptake
- ① Perception
- ① Scale



An underwater scene with a blue color palette. The background is filled with numerous small, clear bubbles of various sizes, some of which are rising towards the surface. Light rays are visible, creating a shimmering effect. The overall atmosphere is serene and futuristic.

The Future

What is the timeline?

Access the Framework
wsudcompliance.com.au/resources



✓ Part 1: Develop draft model

⌚ Part 2: Refine model through consultation

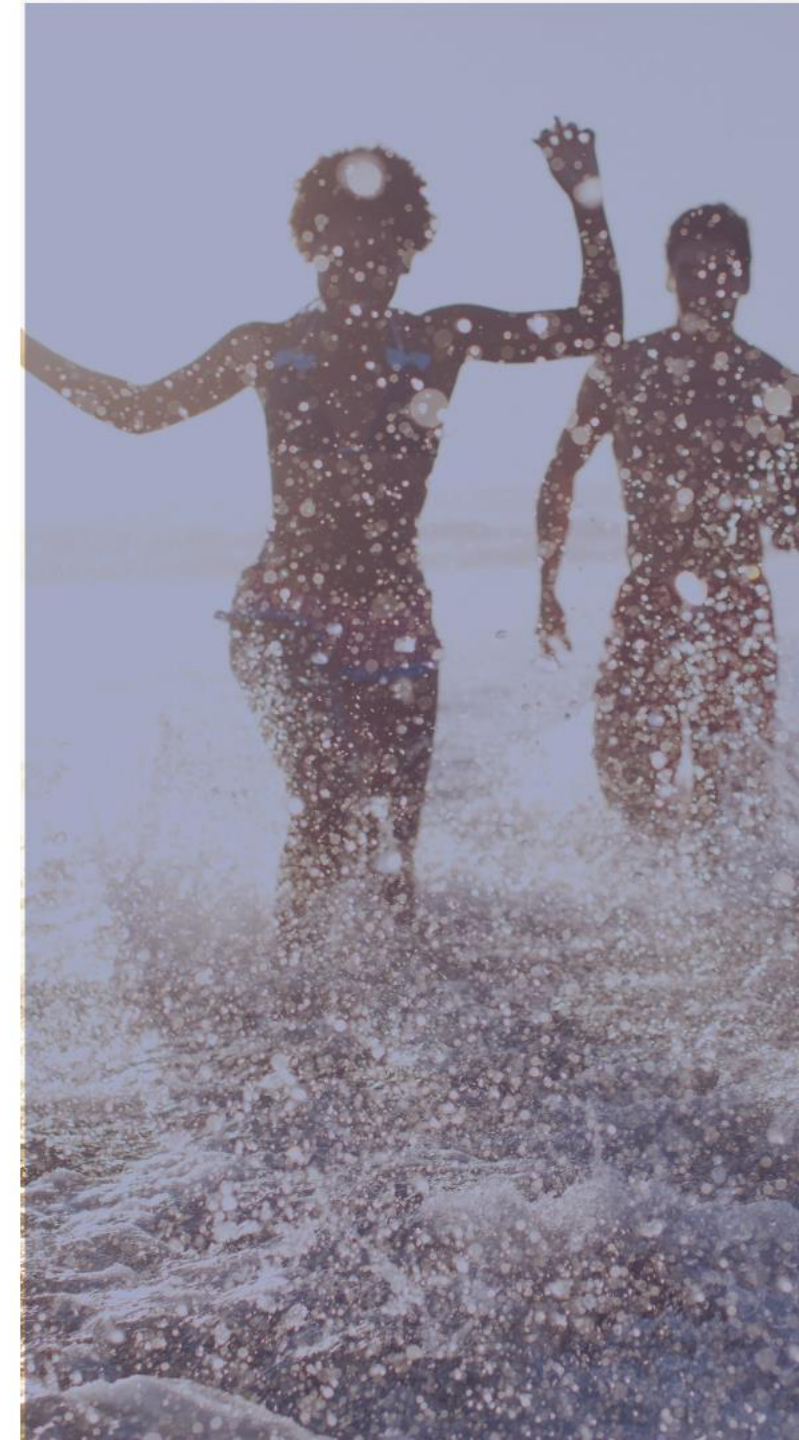
✗ Part 1: Develop assistance

✗ Part 2: Refine assistance through consultation

✗ Councils implement & continuous improvement

What can you do?

- ④ Use it
- ④ Review & provide feedback
- ④ Provide in-principle support
- ④ Contribute
- ④ Attend Network meetings
- ④ Spread the word



What's the catch?

There is none



Upcoming events

Webinar:

Water Sensitive
Urban Design

May 22nd



Webinar:

Law & Order:
WSUD Asset Maintenance

May 30th



Event:

Stormwater Victoria
conference

June 3rd - 6th



Meeting:

National WSUD
Compliance
Network meeting

June 26th



More to come...

Sign up: oceanprotect.com.au/newsletter/



THANK YOU

Daniel Rider

Water Sensitive Urban Design Specialist

 danielr@oceanprotect.com.au

 +61 413 459 819



SCAN TO CONNECT

Access the Framework

wsudcompliance.com.au/resources

