



# Water RoadMap

A strategic scorecard  
and plan for water and  
wastewater  
management practices





Interactive workshop with immediate feedback



Strategic business approach to water and wastewater management

## Water RoadMap

Water RoadMap is a strategic diagnostic tool that focuses on implementing effective water and wastewater management practices.

Using a continuous improvement methodology, Water RoadMap assists your organisation to deliver water efficiency, reduce costs, and achieve your environmental, social & governance (ESG) targets.

Water RoadMap is suitable for any water using organisations or water dependent sites.

## Key Features

- Identifies and prioritises your unique strengths and opportunities
- Focuses on actions that yield the highest returns with minimal or no investment
- Coordinates elements necessary to enhance and achieve corporate sustainability objectives
- Rapid feedback and benchmarking against national, regional, international and industry metrics
- Includes ESG assessment and values

## Why is the Water RoadMap essential?

The Water RoadMap is designed to help organisations adapt and build resilience in a world of increasing water scarcity. It is projected that by 2050 the world will experience:



**55%**  
higher water demand<sup>1</sup>



**57%**  
global population water stressed<sup>2</sup>



**6%**  
GDP loss due to water stress on agriculture, health and incomes<sup>3</sup>



**24%**  
increase in industrial and energy water use<sup>4</sup>

<sup>1</sup> Organisation for Economic Co-operation and Development Environmental Outlook to 2050

<sup>2</sup> United Nations World Water Development Report 2018

<sup>3</sup> The World Bank High and Dry: climate change, water and the economy 2016

<sup>4</sup> United Nations World Water Development Report 2020



A practical, continuous improvement pathway to water resilience



Balanced organisational strategy & integrated business systems

Category	Awareness	Engaged	Systematic	Sustaining
Executive commitment			●	
Internal accountabilities				●
Awareness and training				●
External stakeholders		●		
Water and wastewater management			●	
Water/energy nexus	○			
Social & environmental impact			●	
Plans (short term & strategic)			●	
Solid waste management			●	
Risk planning & mitigation	○			
Targets & KPIs	○			
Facility water supply management			●	
Wastewater management			●	
Operating procedures				●
Maintenance procedures				●
Operational safety protocols				●
Water, sanitation & hygiene		●		
Opex & capex	○			
Metering and monitoring				●
Reporting			●	
Technology & innovation		●		
Circular economy	○			
Achievement	○			

A sample Water RoadMap performance report with 23 indicators

## How the RoadMap works



Senior management team participates in a virtual or face-to-face workshop with a trained facilitator.

Water RoadMap instantaneously produces a report at the end of the workshop, summarising:



- (a) baseline and endline water and wastewater usage and costs;
- (b) current strengths, weaknesses and opportunities;
- (c) priority actions and timelines for implementation; and
- (d) your organisation's performance against industry and geographical benchmarks.



A follow-up continuous improvement workshop held 12-18 months later to review achievements and identify next steps.



Water  
Stewardship  
Asia Pacific

Water RoadMap has been developed by Water Stewardship Asia Pacific (WSAP) in partnership with Envinta. It is based on a highly successful, commercially proven water, wastewater and chemical use diagnostic tool developed for the International Finance Corporation's Partnership for Cleaner Textiles (PaCT) Program.

Envinta is a world leading provider of strategic and environmental management diagnostic, planning and benchmarking tools. With 20 years' industry experience, Envinta's suite of tools are used by more than 25,000 organisations worldwide.

WSAP promotes water stewardship and the adoption of the International Water Stewardship Standard in the Asia-Pacific region. WSAP is a membership-based not-for-profit charity.

[waterstewardship.org.au](http://waterstewardship.org.au)