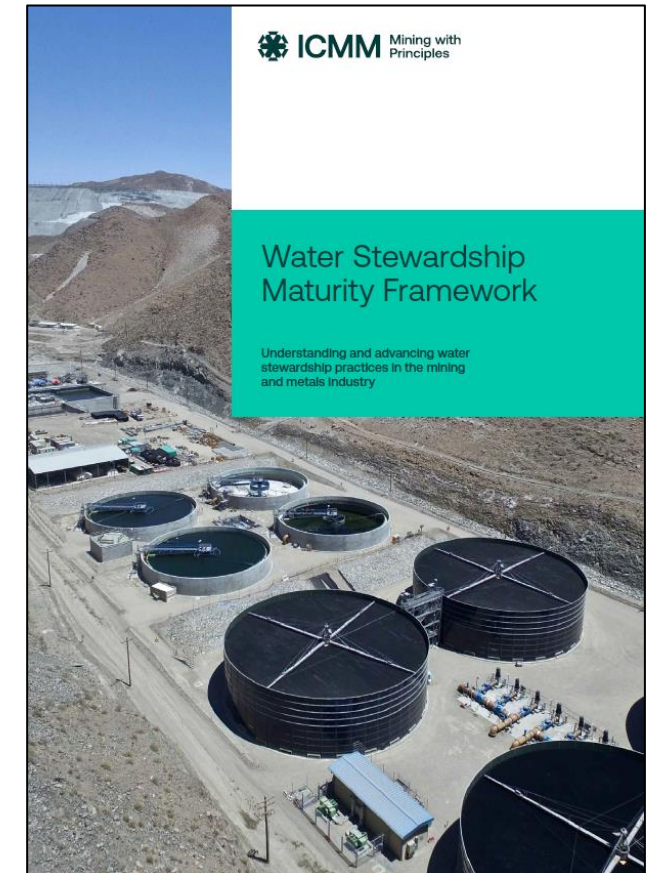
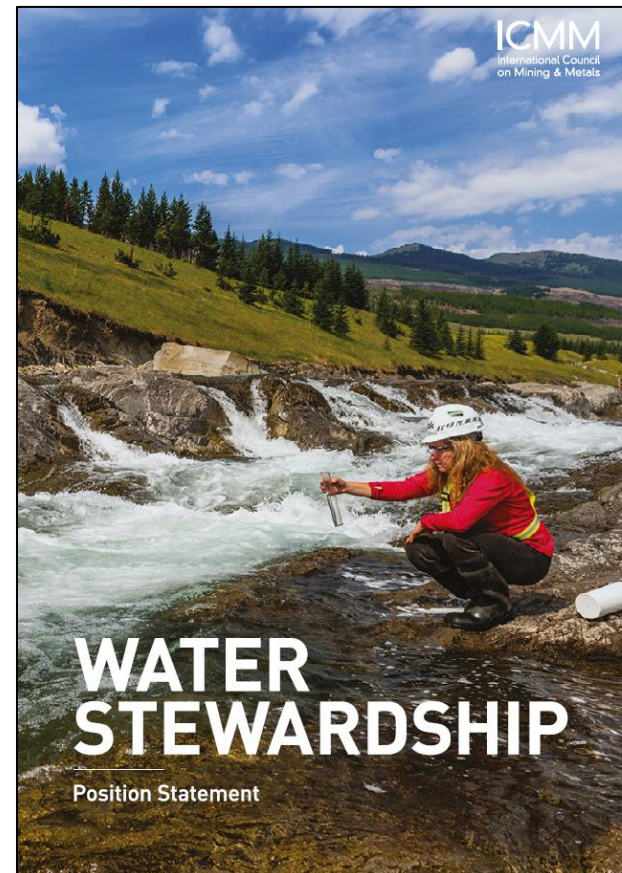
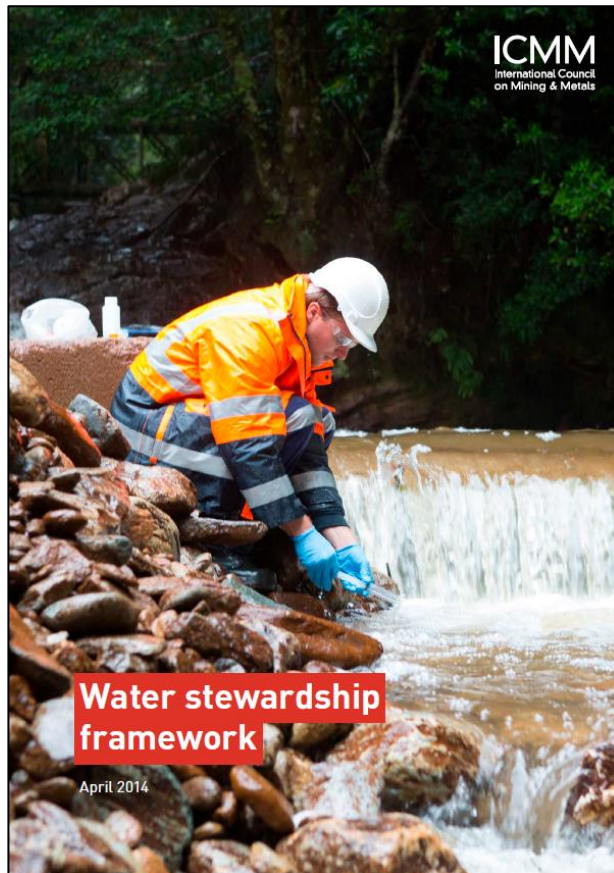


Unpacking the ICMM Water Stewardship Maturity Framework

SAIMM ESG Conference

16 October 2024



Agenda

- 01 Water Stewardship Overview
- 02 Understanding Water Stewardship
- 03 ICMM Water Stewardship Maturity Framework
- 04 Water Stewardship Example



01

Water Stewardship Overview



Water Stewardship Overview

“Water stewardship is the use of water that is

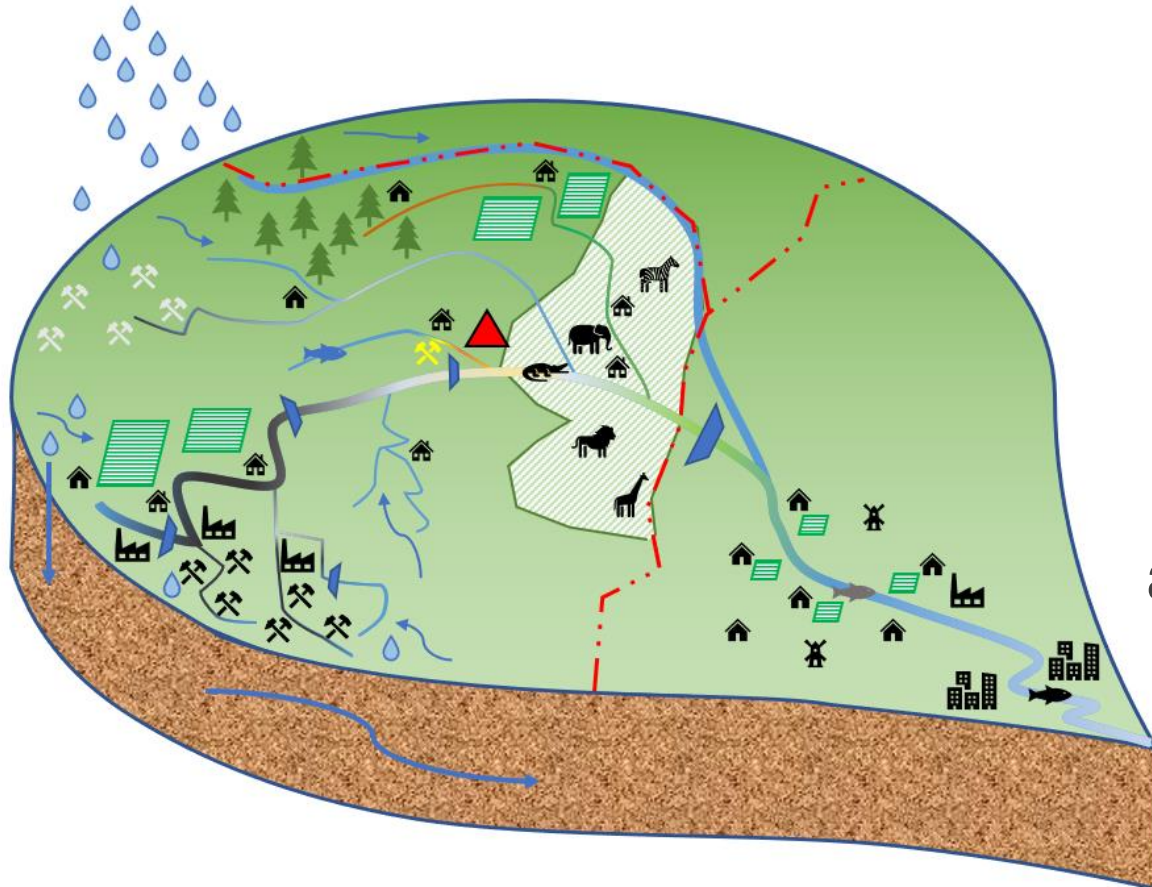
- socially and culturally equitable,
- environmentally sustainable, and
- economically beneficial,

achieved through a stakeholder-inclusive process that includes both site- and catchment-based actions”

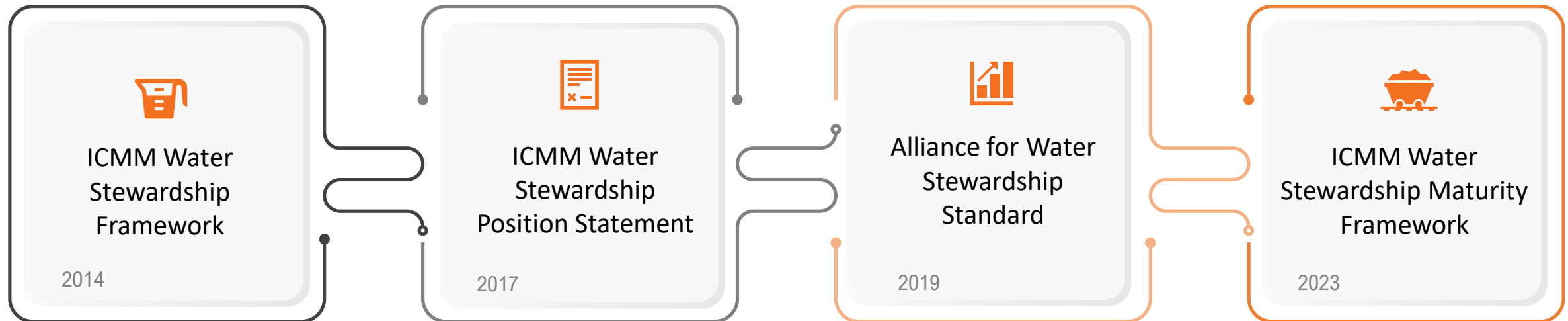
REF: ALLIANCE FOR WATER STEWARDSHIP



Icon key	Critical internal cross-functional linkages for effective water stewardship outcomes
	Business planning and risk management
	Climate change mitigation, adaptation and resilience
	Closure
	Energy and power
	Health and safety
	Indigenous peoples and cultural heritage
	Nature, biodiversity and land
	Operational efficiency
	Social inclusion and diversity
	Social performance
	Tailings and waste management
	Technology and innovation



Water Stewardship Overview

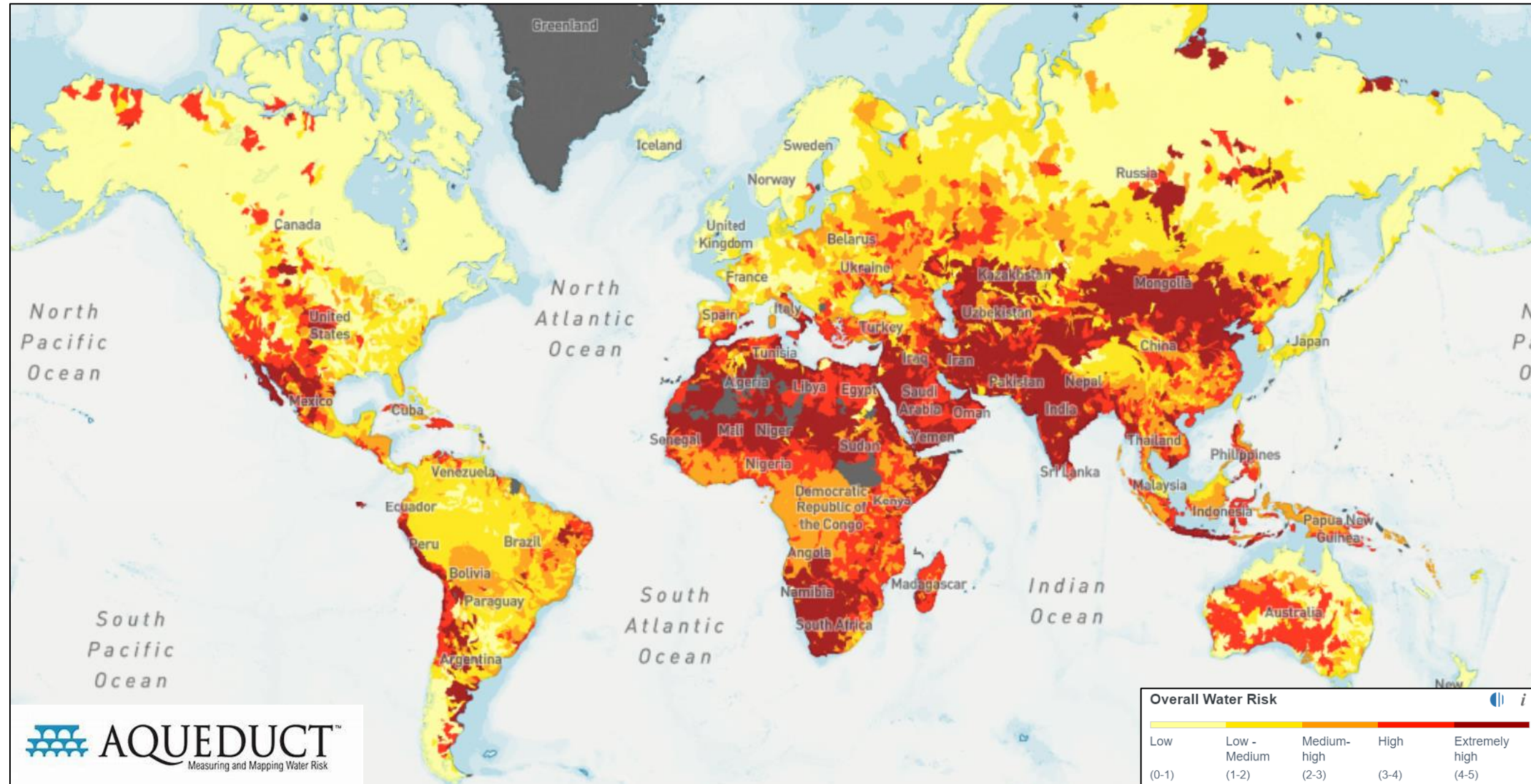


02

Understanding Water Stewardship

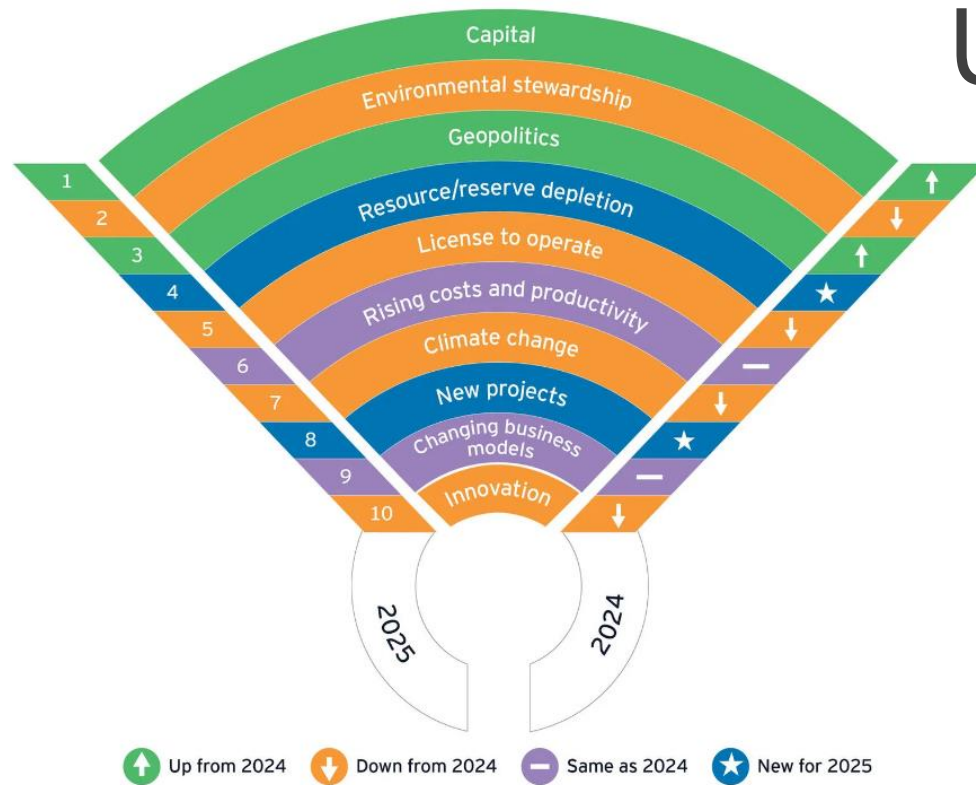


Understanding Water Stewardship

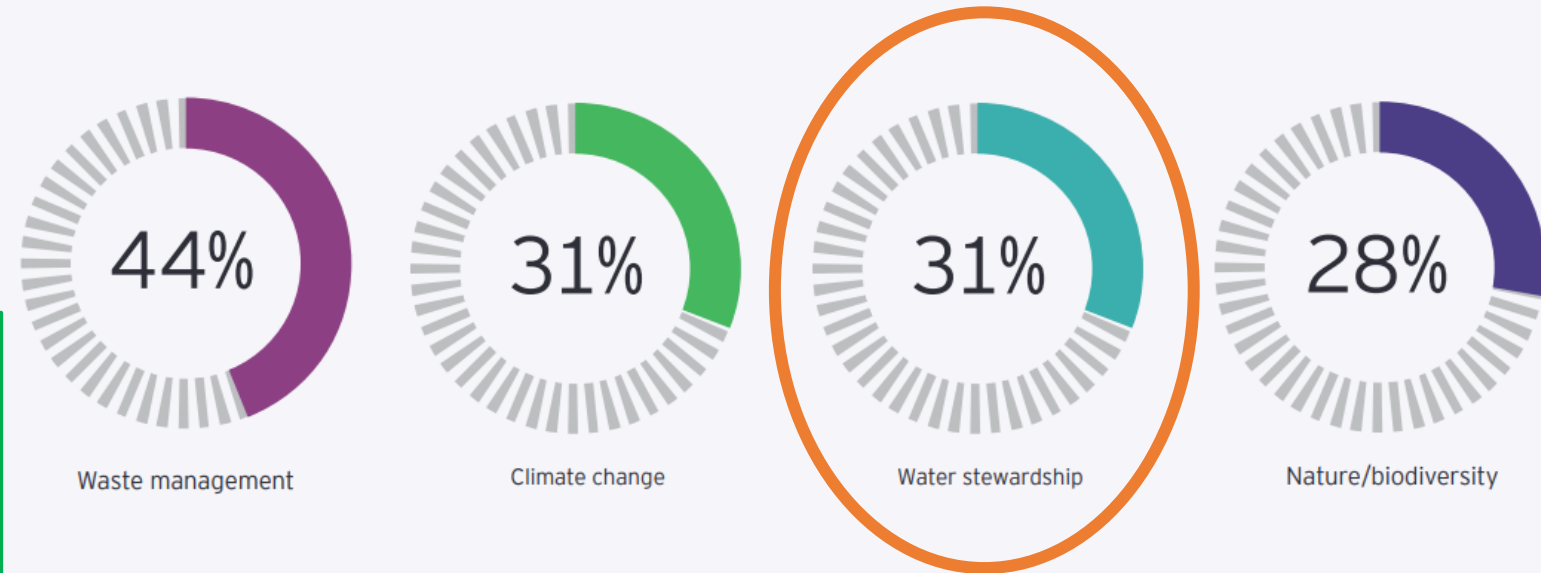


Understanding Water Stewardship

Top 10 business risks and opportunities for mining and metals in 2025



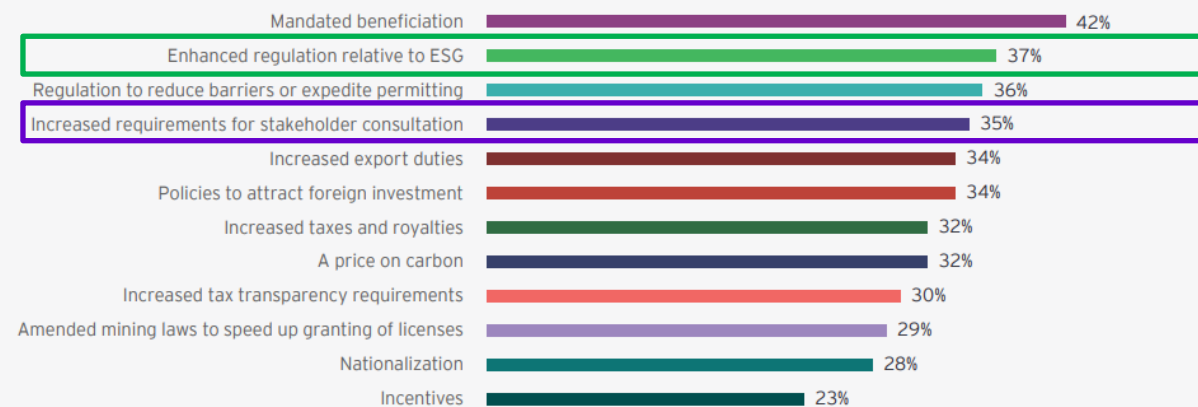
Which areas of ESG will face the most scrutiny from investors in the mining and metals sector over the next 12 months?



Note: Respondents could choose more than one option.
Source: EY Business Risks and Opportunities Study 2025.

2. Environmental stewardship ↓

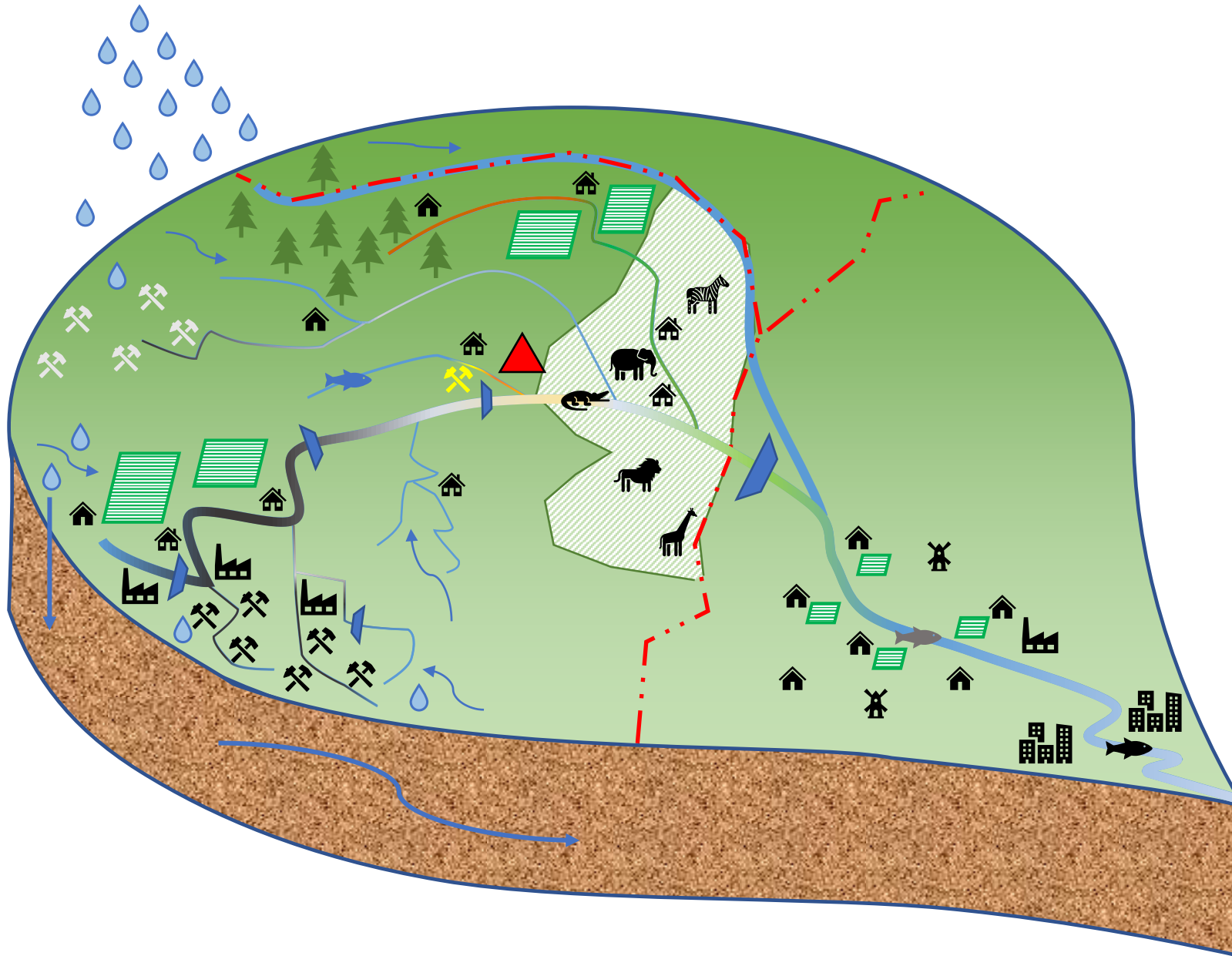
What actions do you expect governments to take over the next 12 months in relation to the mining and metals sector?



3. Geopolitics ↑

Note: Respondents could choose more than one option.
Source: EY Business Risks and Opportunities Study 2025.

UNDERSTANDING WATER STEWARDSHIP



series of

- ✓ actions
- ✓ criteria
- ✓ indicators

on how to manage water at site

AND

how water management should
be stewarded beyond the site boundary

engaging water-using sites in understanding
and addressing

- ✓ shared catchment water challenges
- ✓ site water risks and opportunities



GOOD WATER
GOVERNANCE



SUSTAINABLE
WATER
BALANCE



GOOD WATER
QUALITY
STATUS



IMPORTANT
WATER-RELATED
AREAS



SAFE WATER,
SANITATION
AND HYGIENE
FOR ALL (WASH)

03

ICMM Water Stewardship Maturity Framework



ICMM Water Stewardship Maturity Framework



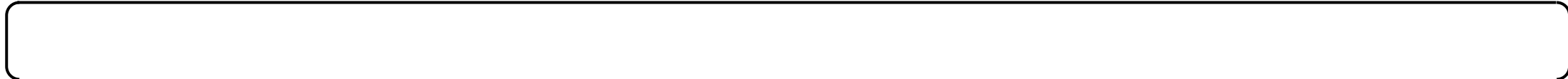
BACKGROUND



ICMM Water Stewardship Maturity Framework



Continual Improvement



Governance and Strategy



Understanding of Water Context, Risks and Opportunities



Integration in Business Planning and Decision Making



Performance and Management

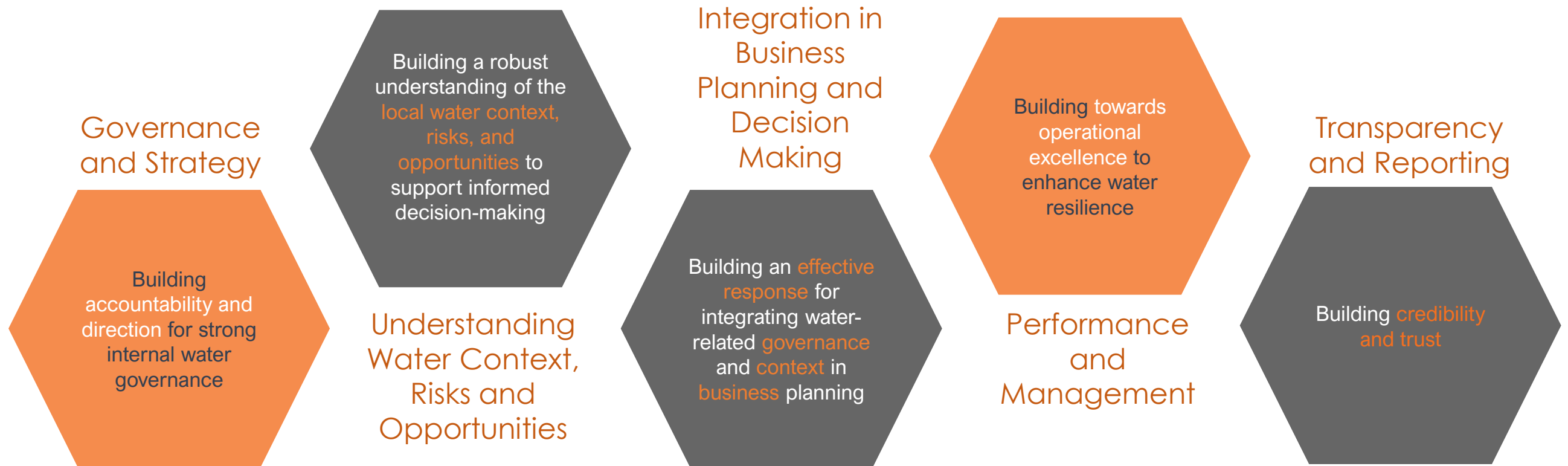


Transparency and Reporting

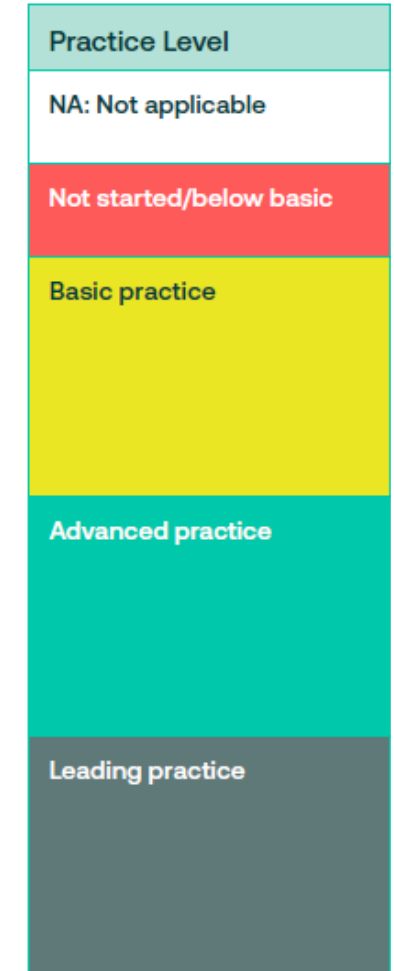
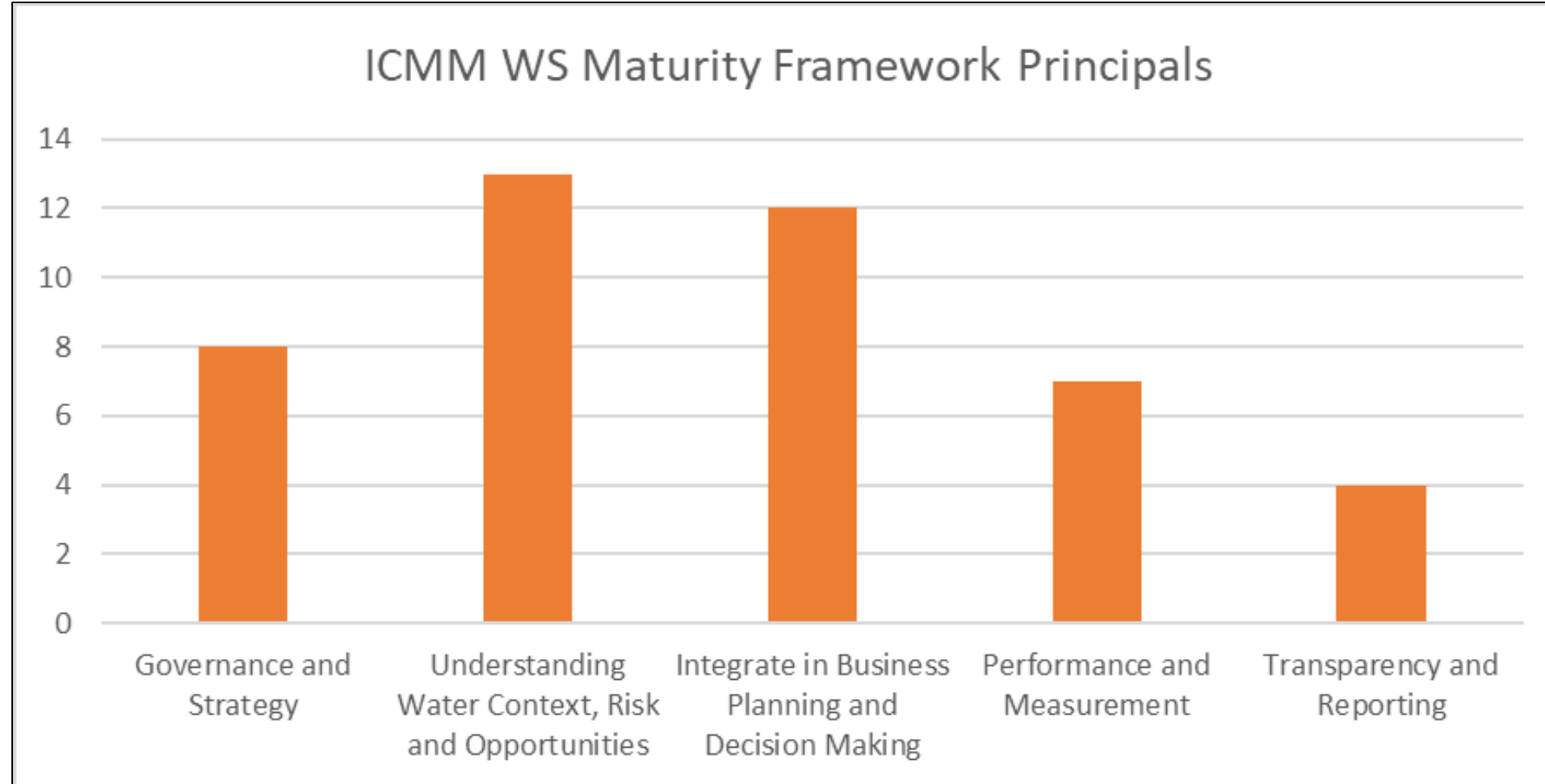


Water Resilient Operations

ICMM Water Stewardship Maturity Framework



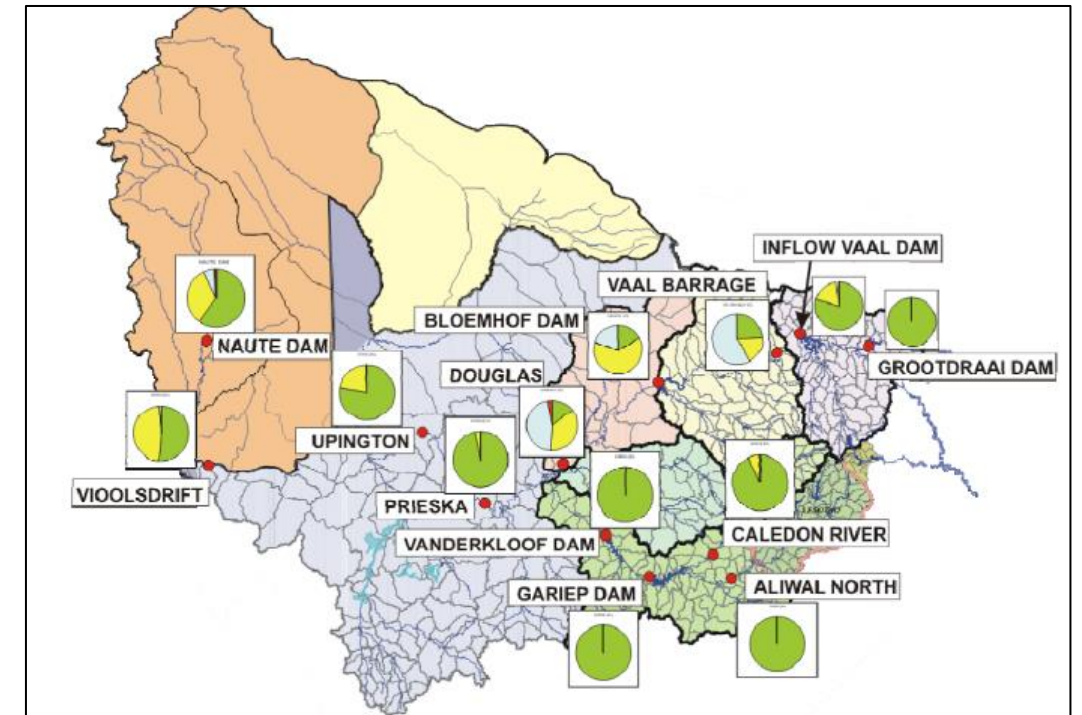
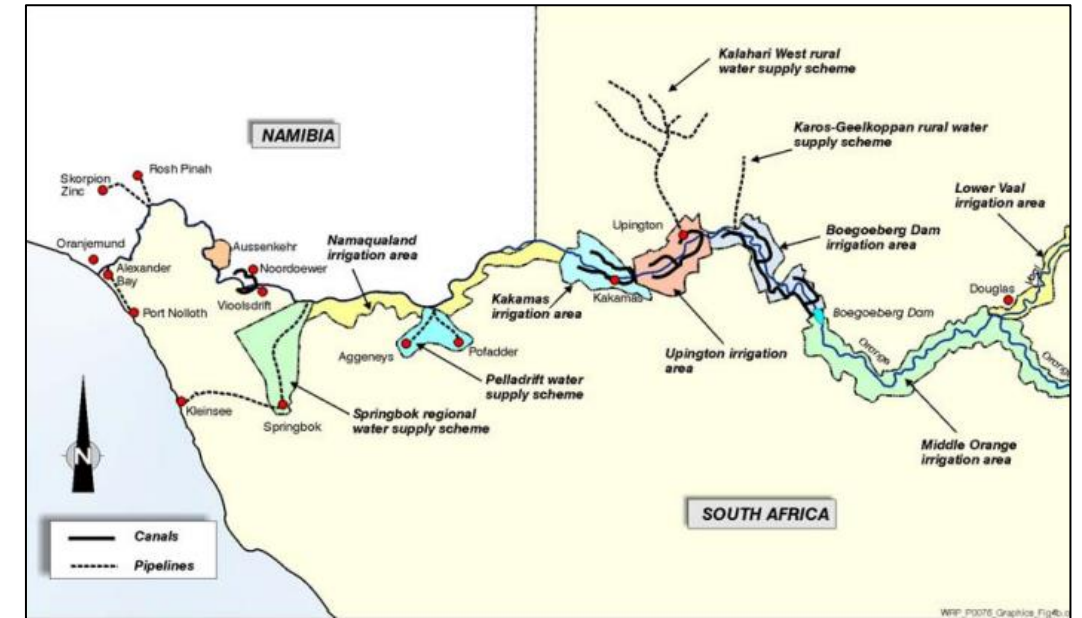
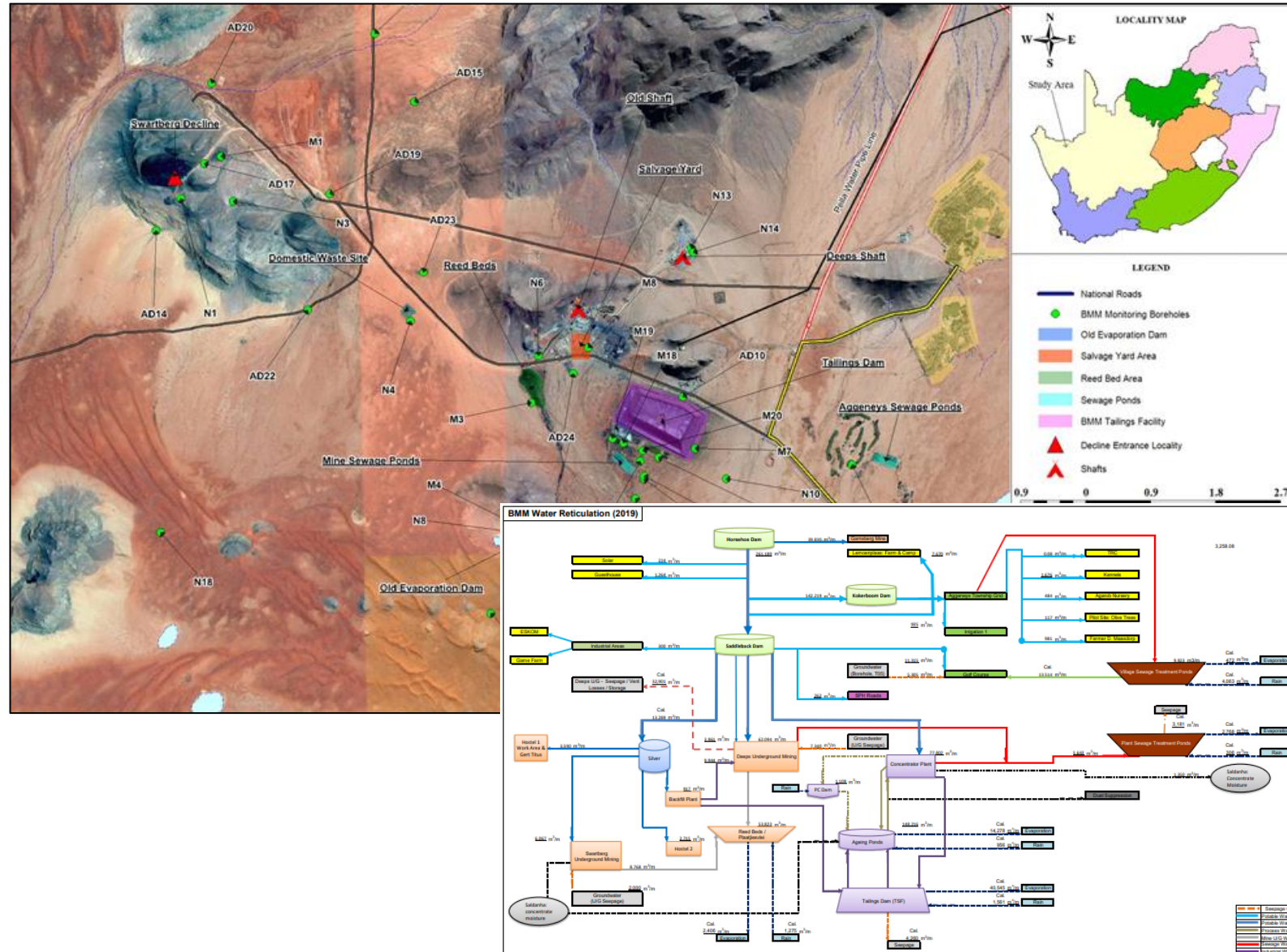
ICMM Water Stewardship Maturity Framework



04

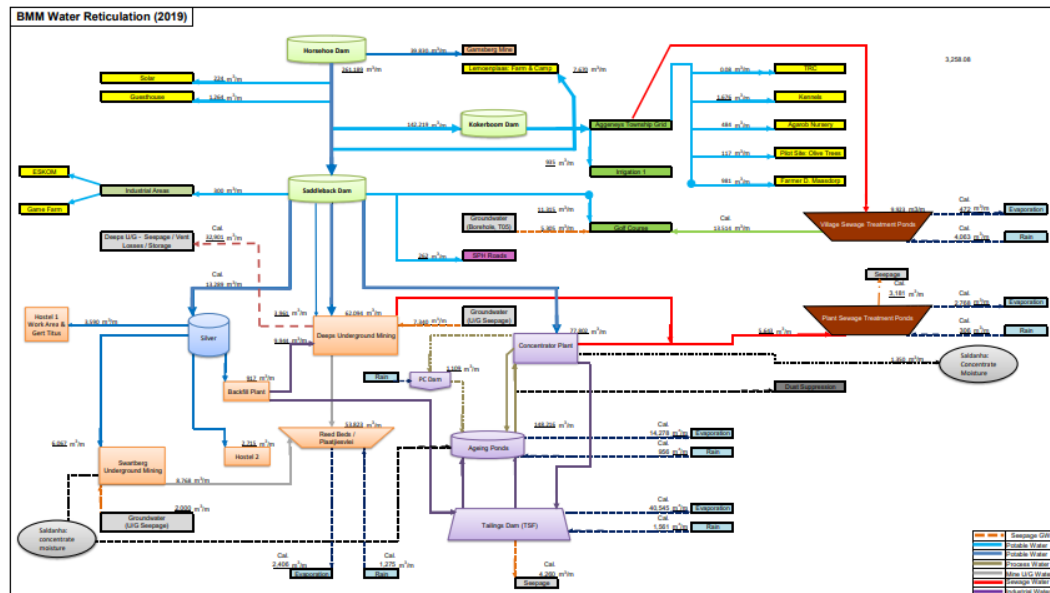
Water Stewardship Example

Water Stewardship Example



Water Stewardship Example





Water Legacy in Perpetuity



Appropriate Water Stewardship throughout the life of an operation is of paramount importance!