



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



NATIONAL DEVELOPMENT PLAN
Our Future - make it work

Eutrophication Management Strategy for South Africa

Public Meeting – Progress Report

14 October 2022

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WATER IS LIFE - SANITATION IS DIGNITY

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BACKGROUND

- ❑ Chapter 3 of the National Water Act, 1998 (Act 36 of 1998) deals with the protection of water resources.

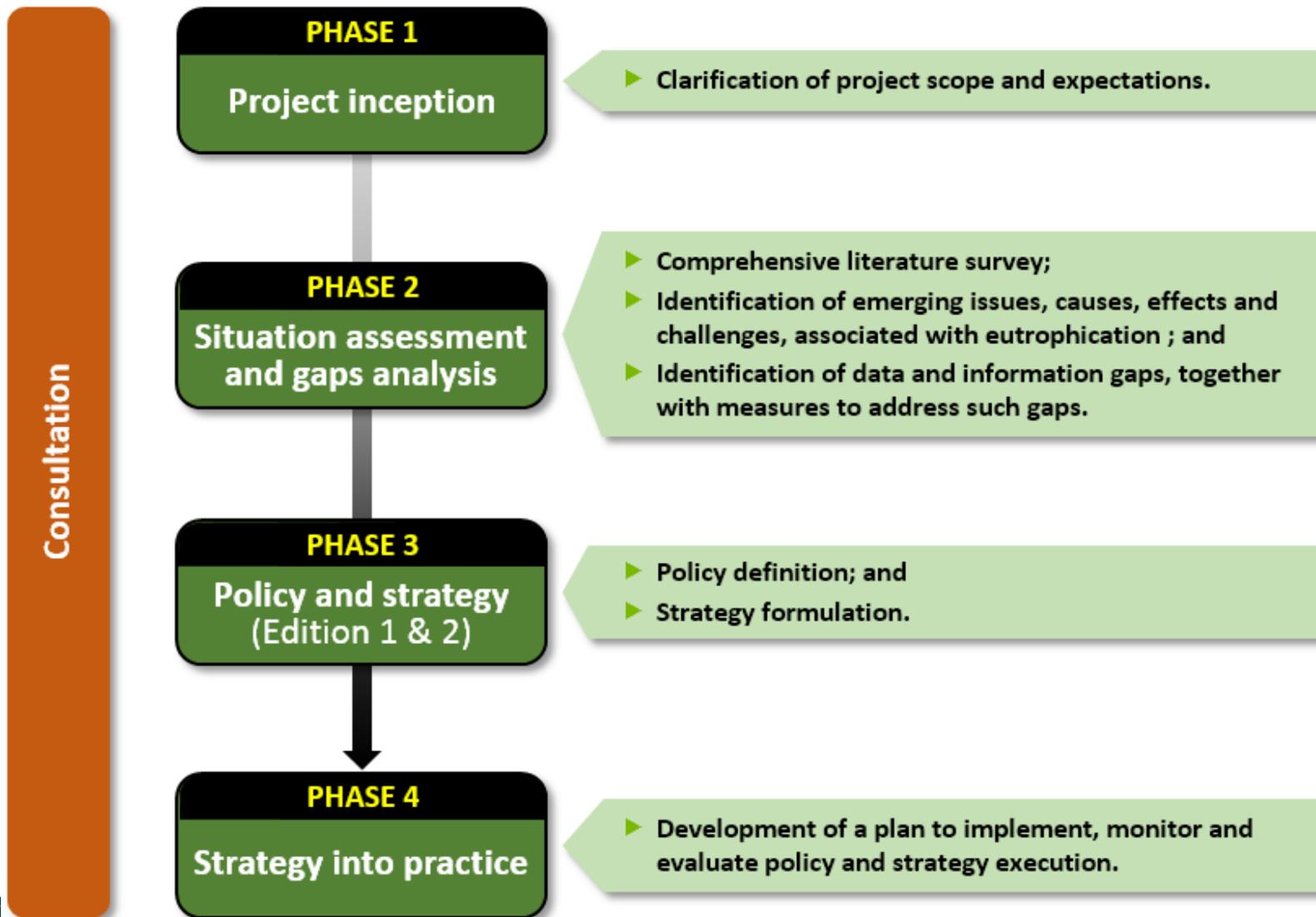
- **Resource Directed Measures (RDM)**
 - Water Resource Classification
 - Reserve Determination
 - Resource Quality Objectives (RQOs)

- **Sources Directed Measures /Controls (SDM/SDC)**
 - Adaptive Management (Monitoring, Evaluation and Enforcement)

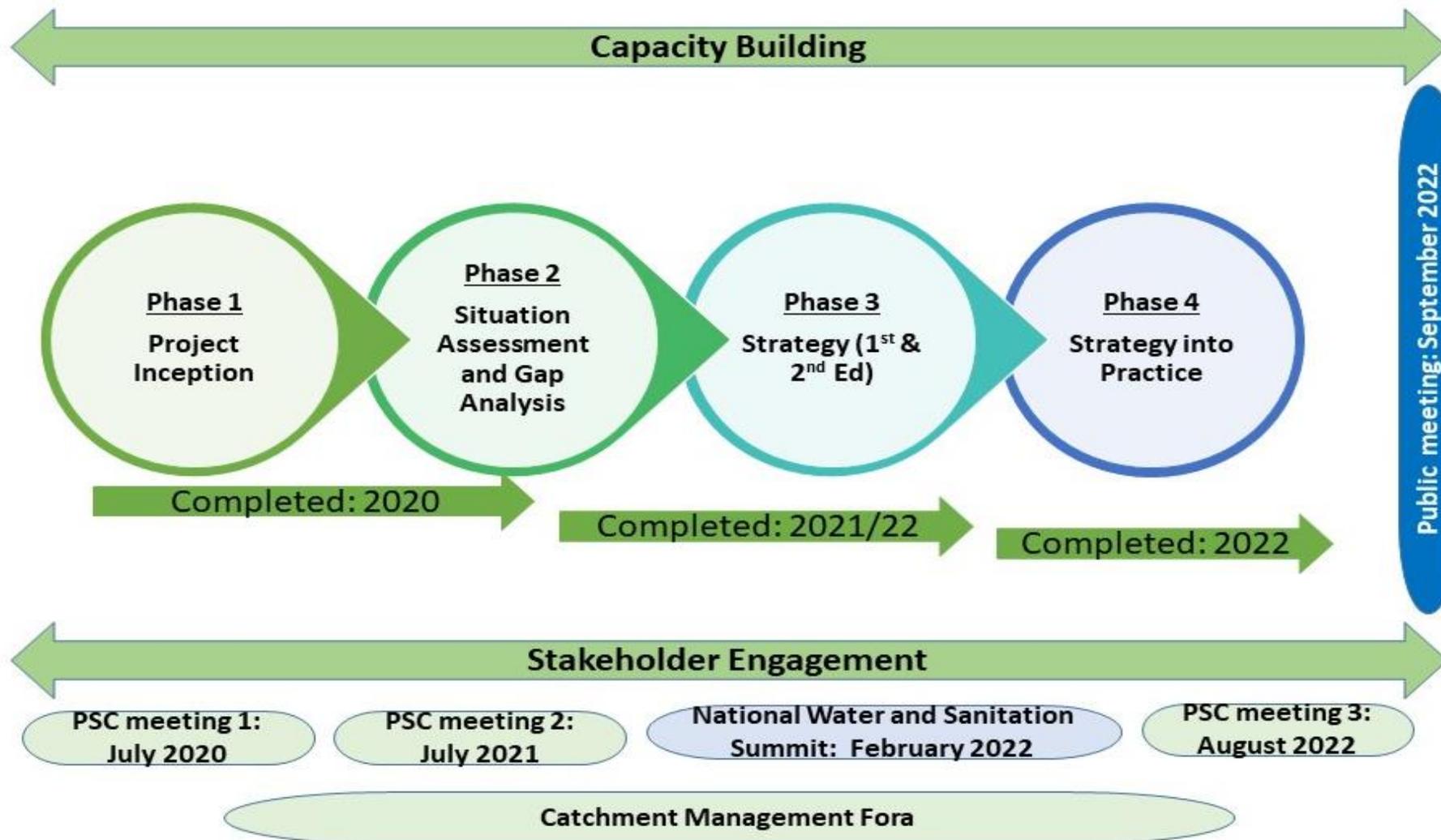
Definition:

- **Eutrophication** is defined as a process of nutrient enrichment and the associated excessive plant growth such as algae and macrophytes in water bodies, which can be seen as either a natural aging process in lakes or **accelerated by human impacts (Point and Non-Point sources of pollution)**.
- Factors influencing eutrophication are **high nutrient concentrations, prolonged periods of water stagnation, conducive temperature, oxygen concentration, and proper light regime.**

EUTROPHICATION MANAGEMENT POLICY & STRATEGY DEVELOPMENT PROCESS



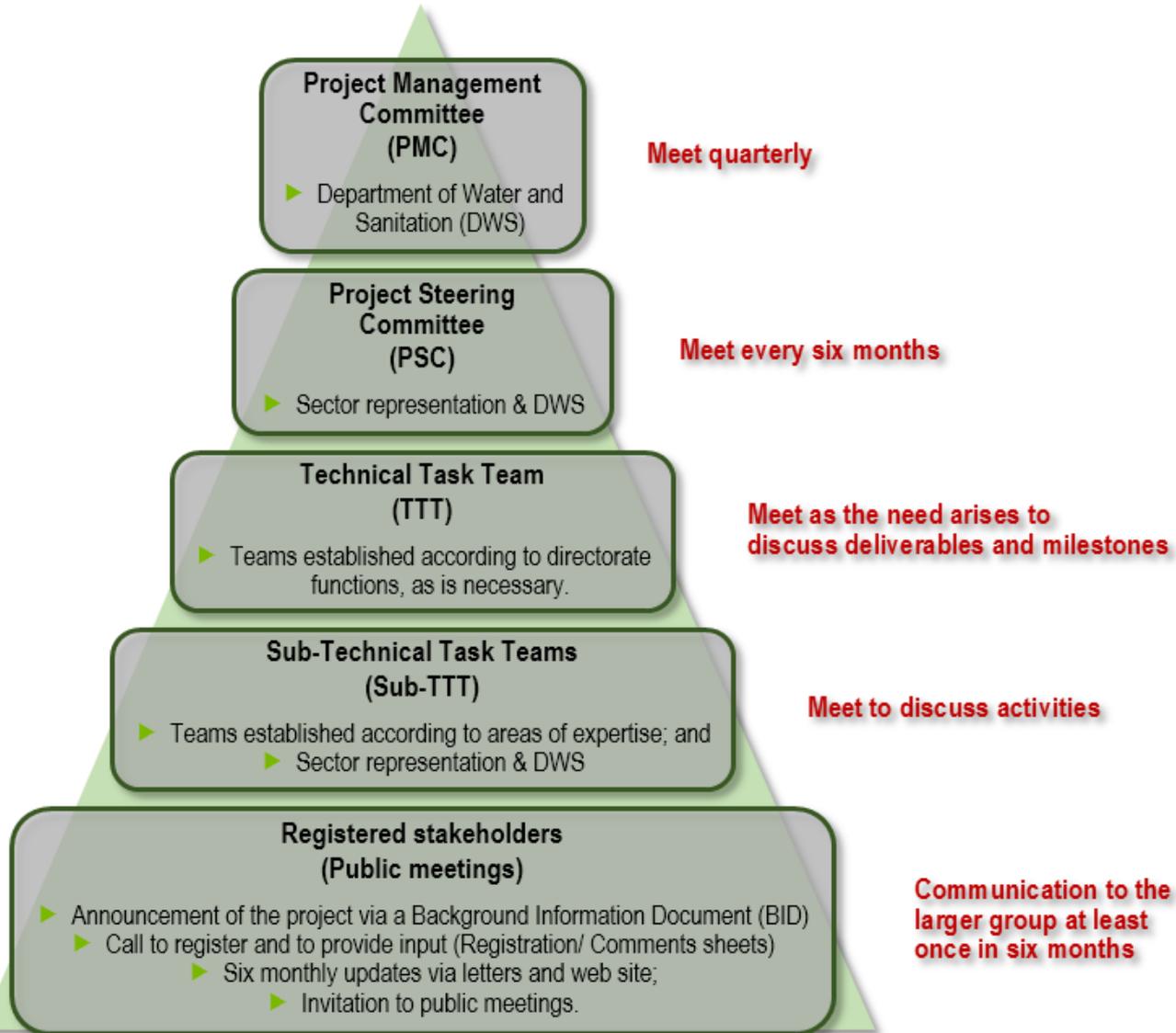
EUTROPHICATION MANAGEMENT STRATEGY DEVELOPMENT PROGRESS



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STAKEHOLDER ENGAGEMENT PLAN

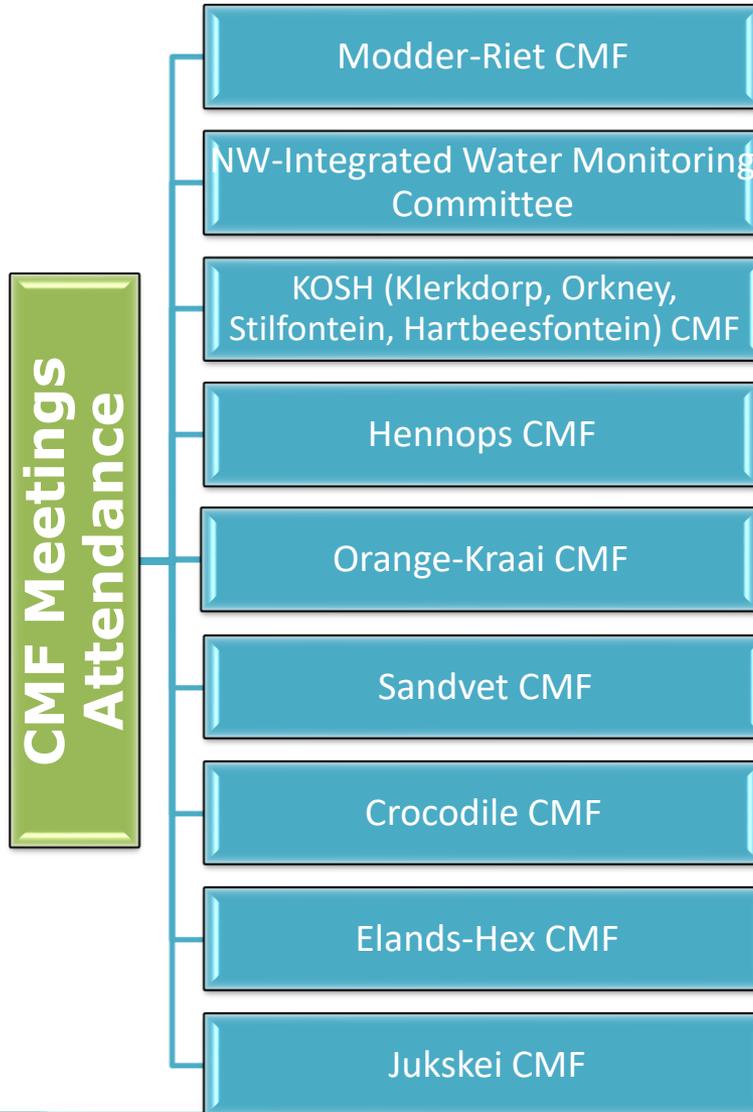


STAKEHOLDER ENGAGEMENT UP TO DATE

No.	Activity	When
1	Project Steering Committee Meeting 1	29/07/2020
2	Project Steering Committee Meeting 2	27/07/2021
3	National Water and Sanitation Summit	18- 19/02/2022
4	Project Steering Committee Meeting 3	19/08/2022



FURTHER STAKEHOLDER ENGAGEMENT



PROJECT ADMINISTRATION TEAM

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THANK YOU

Project website:

<https://www.dws.gov.za/RDM/SDCCO.aspx>

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