SDG Indicator 6.3.2 on ambient water quality

2023 Data Drive Updates

UNEP GEMS/Water

Introduction

- **Context**
- **Indicator recap**
- **Timeline**
- **2021 Progress Report findings**
- **Updates**
  - New SDG Water Quality Hub
  - Level 2 Reporting
- **Summary**
- **Q&A Session**

SDG 6 indicators

UN WATER

6 CLEAN WATER AND SANITATION

INTEGRATED MONITORING INITIATIVE FOR SDG 6

UN environment programme

UN HABITAT

FAO FIAT PANIS

UNESCO

United Nations Statistics Division

UNECE

OECD

Ramsar

World Health Organization

unicef

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Target 6.3 and Indicator 6.3.2

By 2030, **improve water quality** by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally

- Indicator 6.3.1 - Proportion of wastewater safely treated
- **Indicator 6.3.2 - Proportion of bodies of water with good ambient water quality**

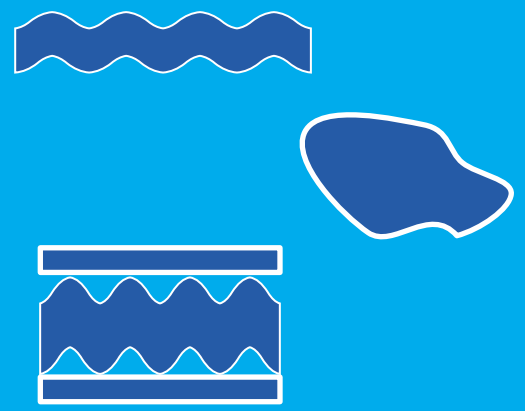
Proportion of bodies of water with good ambient water quality

Waterbodies need to be defined within the country:

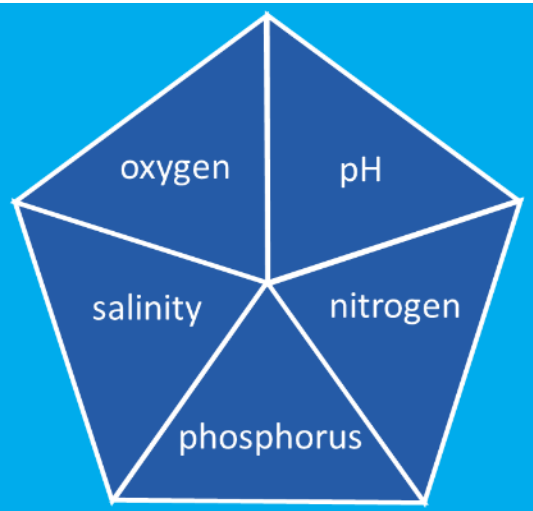
rivers,

lakes, and

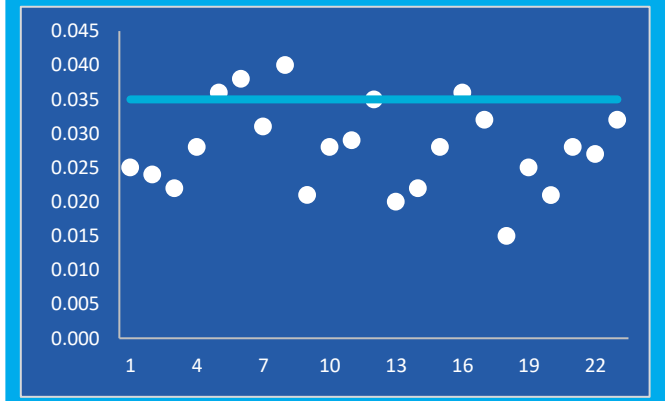
groundwaters



Water quality is classified by comparing measurements with **target values** for specific **parameters** from specific **parameter groups**



Good water quality represents at least **80%** compliance of measurements with target values



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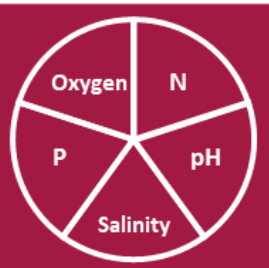
Level 1 and Level 2

Reporting Level	Level 1	Level 2
Data Collection	In-situ only	In-situ or remote
Data Type	 Physico-chemical	Physico-chemical Biological / Ecosystem Pathogens
Data Source	National monitoring programme Private sector Academic sector Citizen	National monitoring programme Private sector Academic sector Citizen Earth observation Models

SDG Indicator 6.3.2 - Timeline

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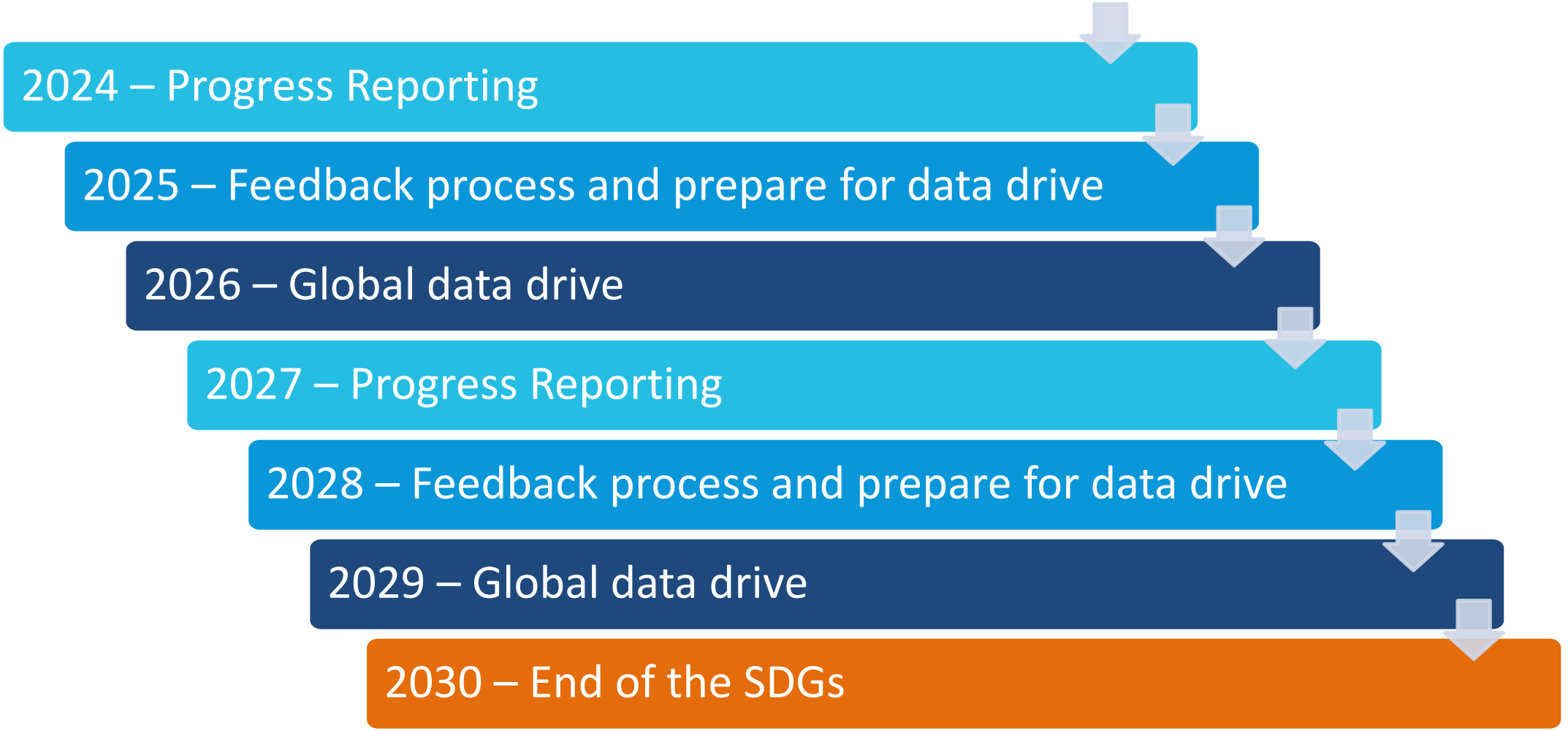
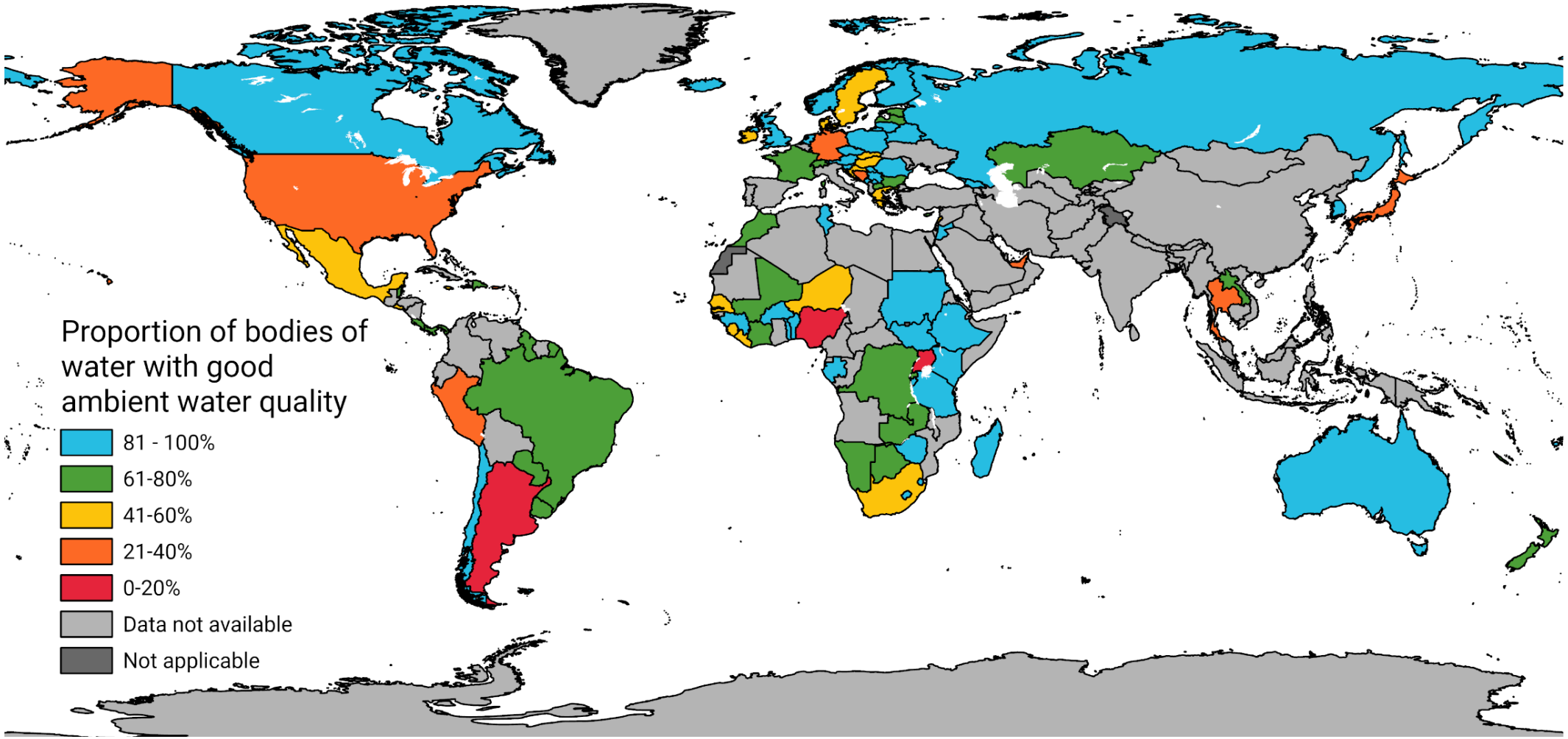
SDG Indicator 6.3.2 - Future



SDG Indicator 6.3.2 - Latest Results



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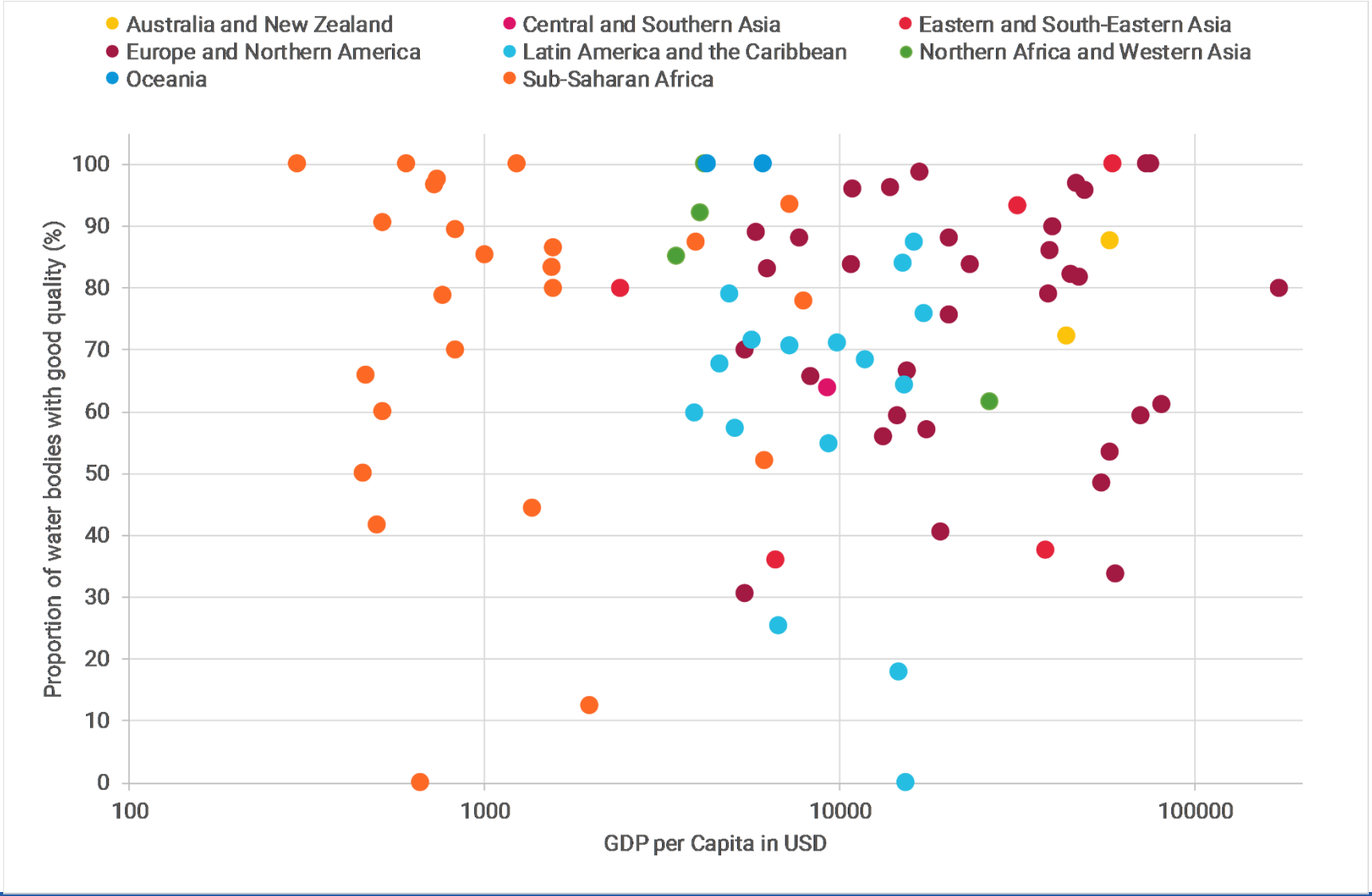
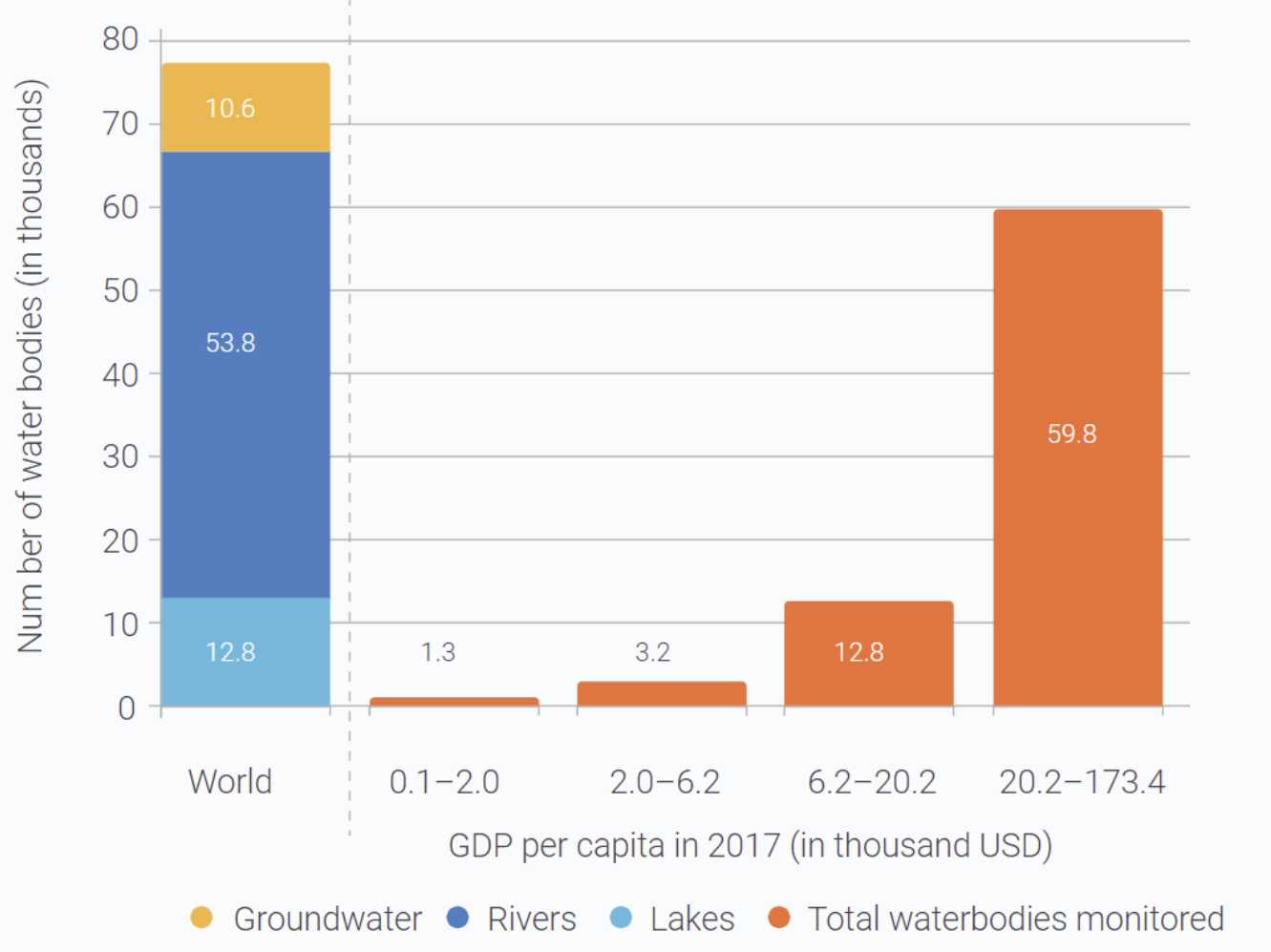
Summary results from 2020 data drive

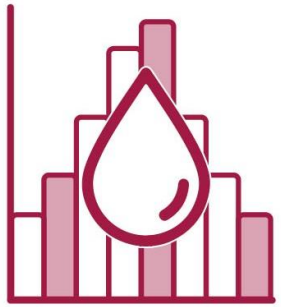
Good and poor water quality reported in all world regions



Summary results from 2020 data drive



Only 1% of water bodies where we have information are in the 20 lowest GDP countries



In low-GDP countries, there is an **urgent need** for **better data** on the **health** of rivers, lakes and groundwater

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SDG Water Quality Hub

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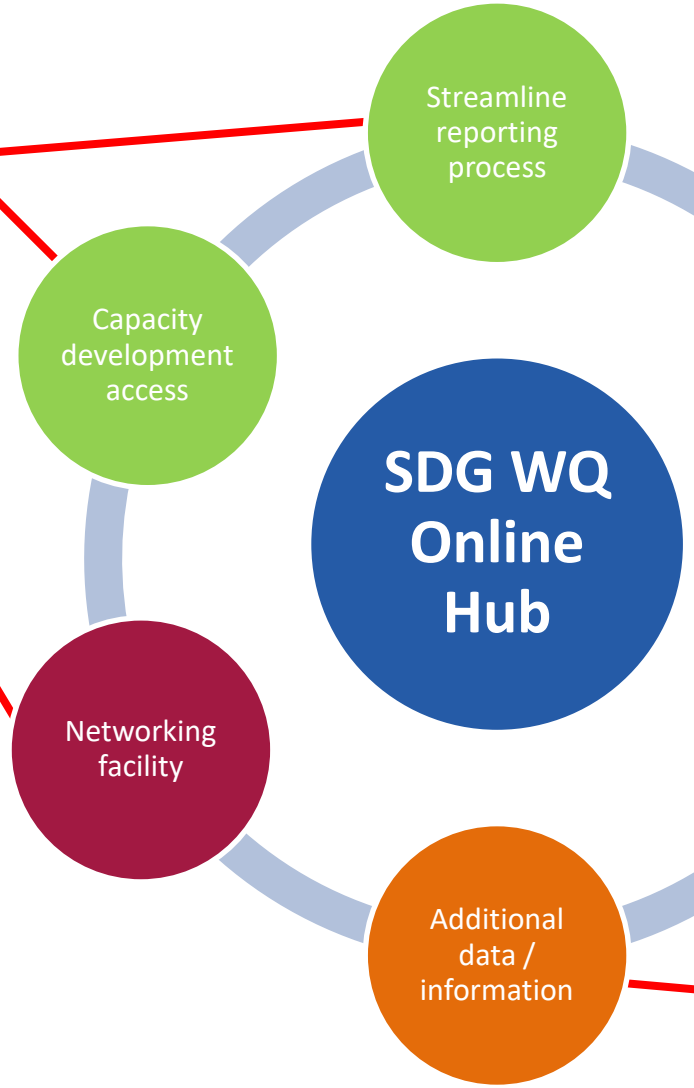
SDG Water Quality Hub

Completed – Feedback needed

No progress - permission to share contact info needed



Progress made - Water quality data needed

Progress made - needs to be demand driven

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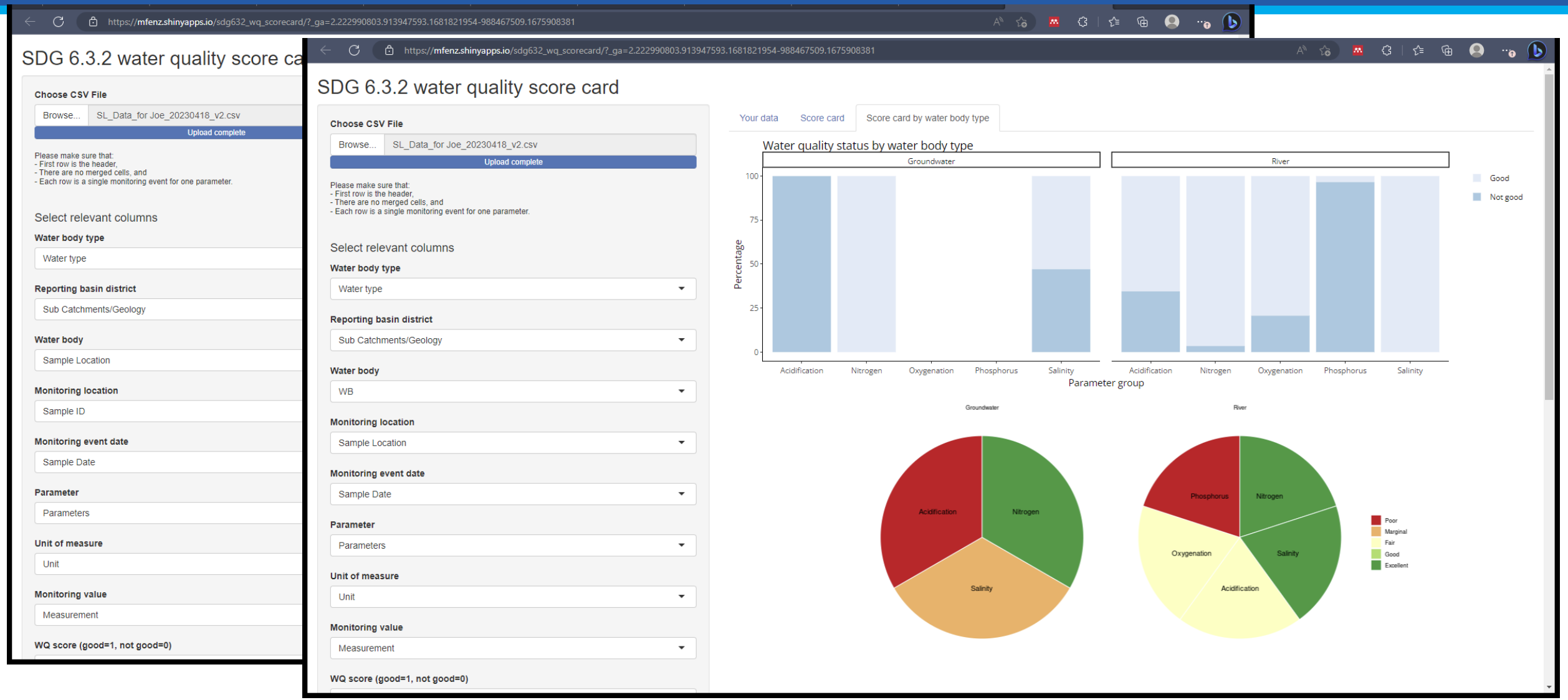
SDG Water Quality Hub – Scorecard



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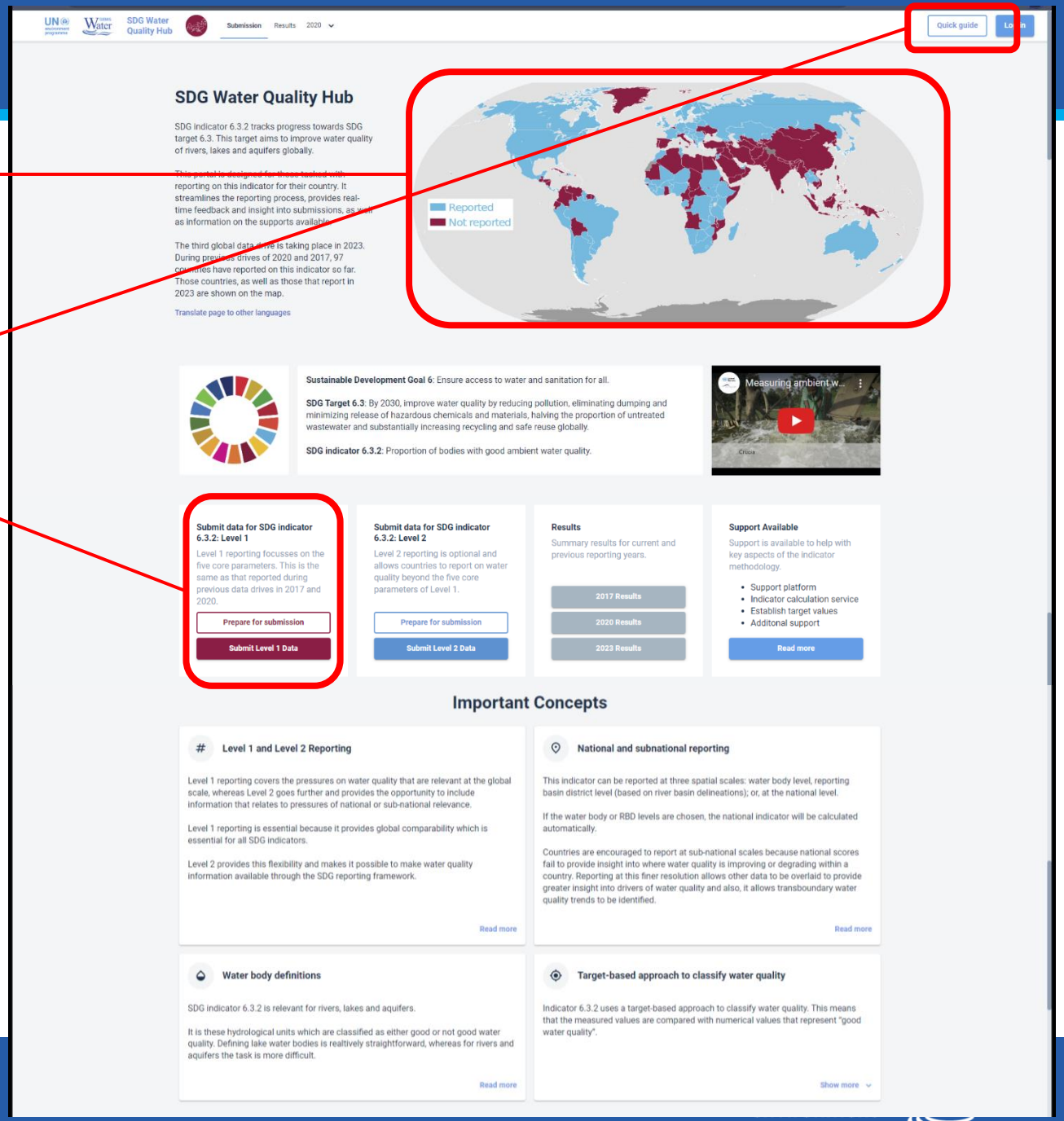
Map of reporting status

Quick Start Guide

Submission preparation



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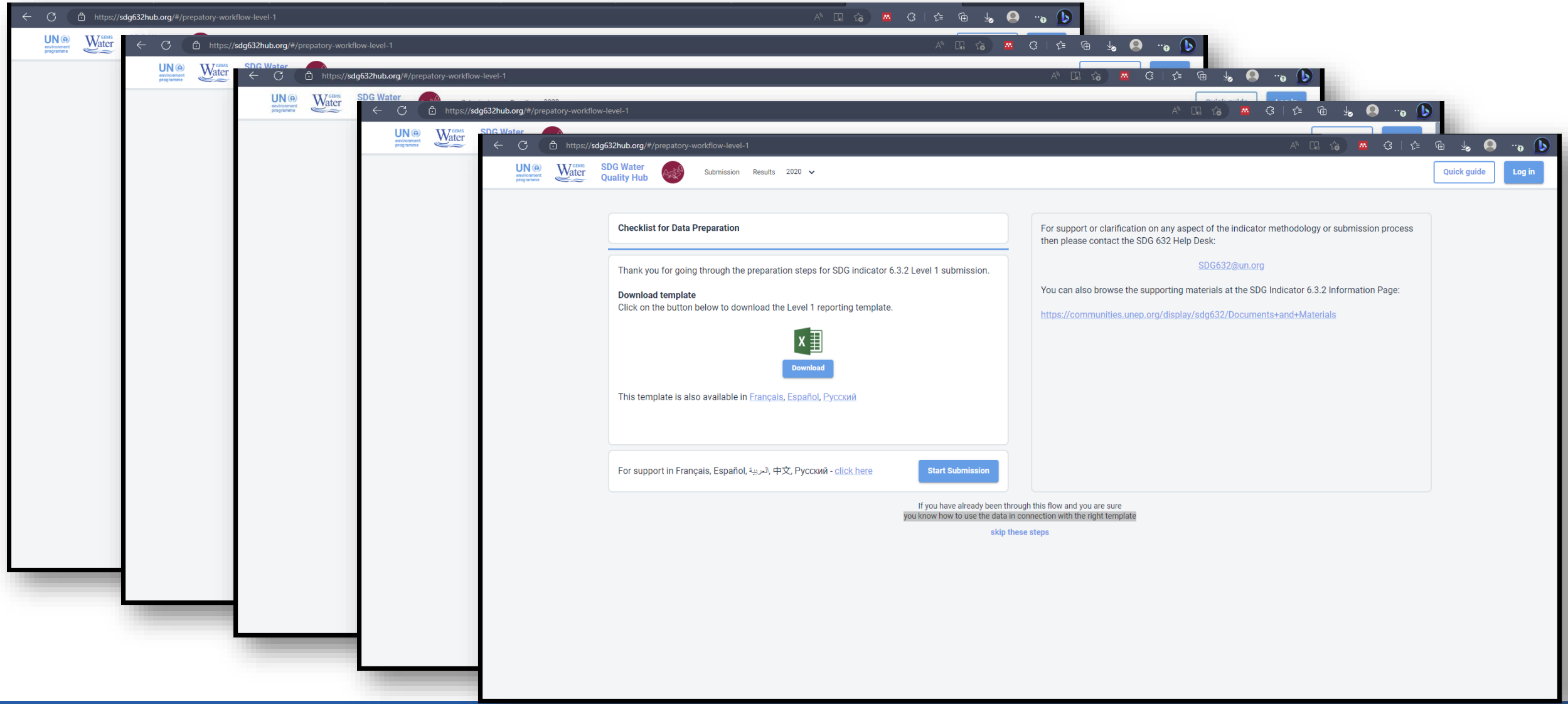
SDG Water Quality Hub – Prepare for Submission



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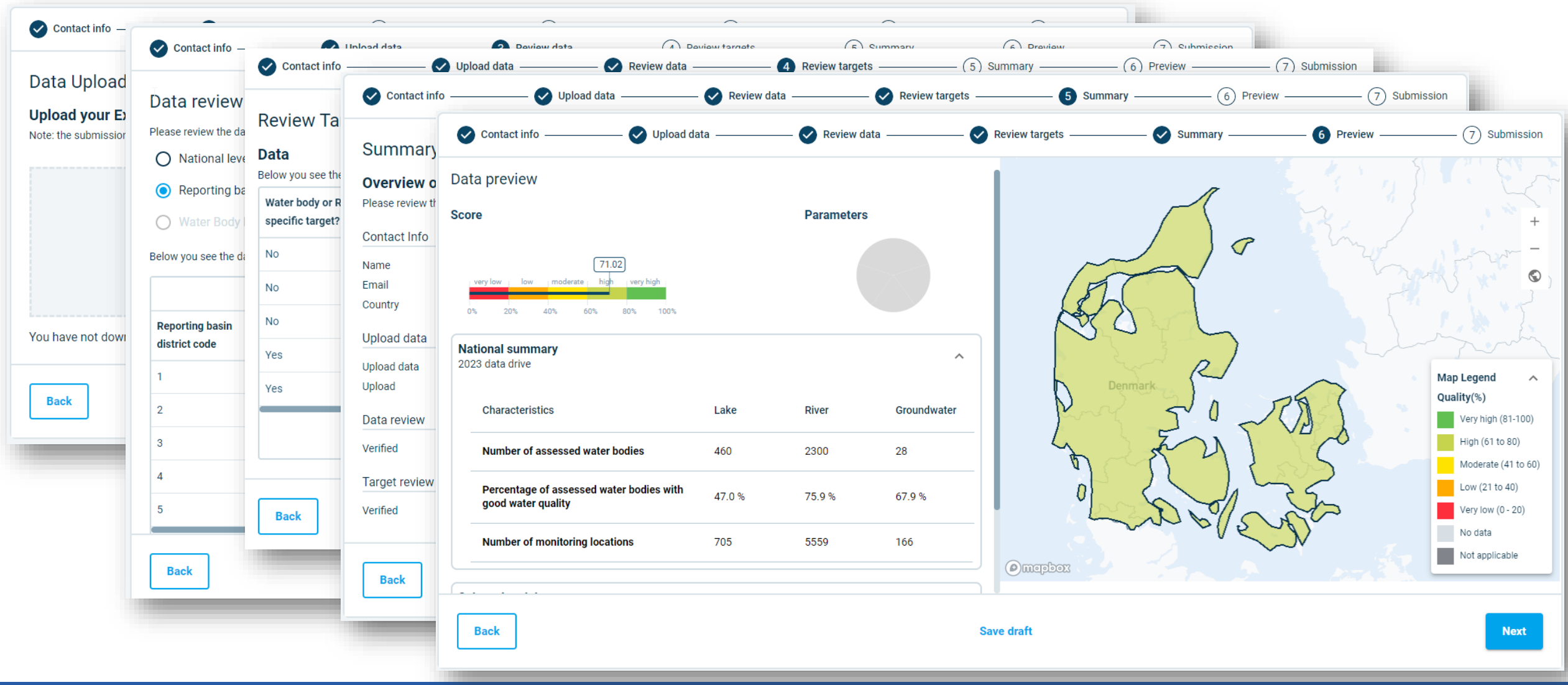
SDG Water Quality Hub – Submission Process



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SDG Water Quality Hub

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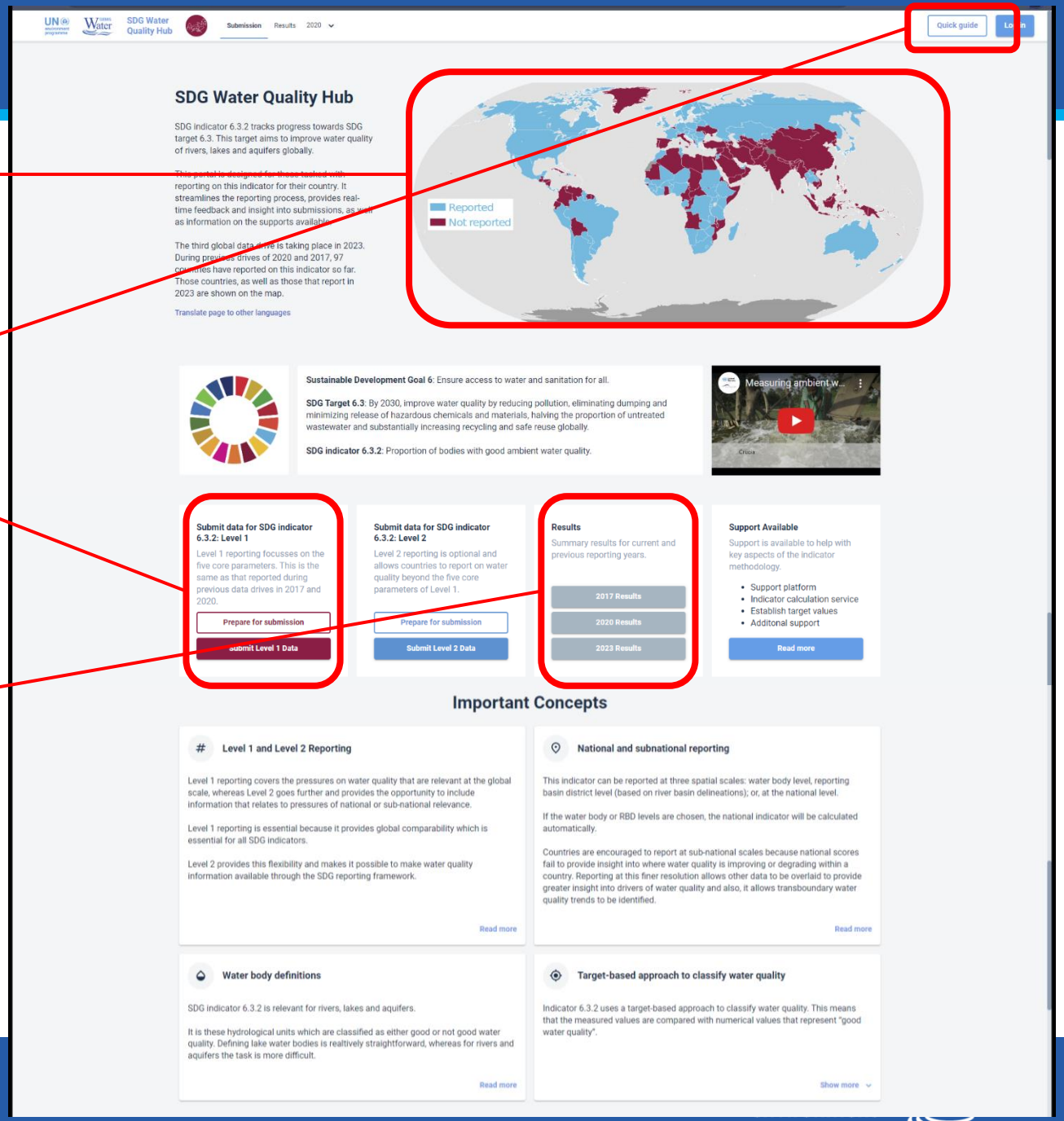
Results pages



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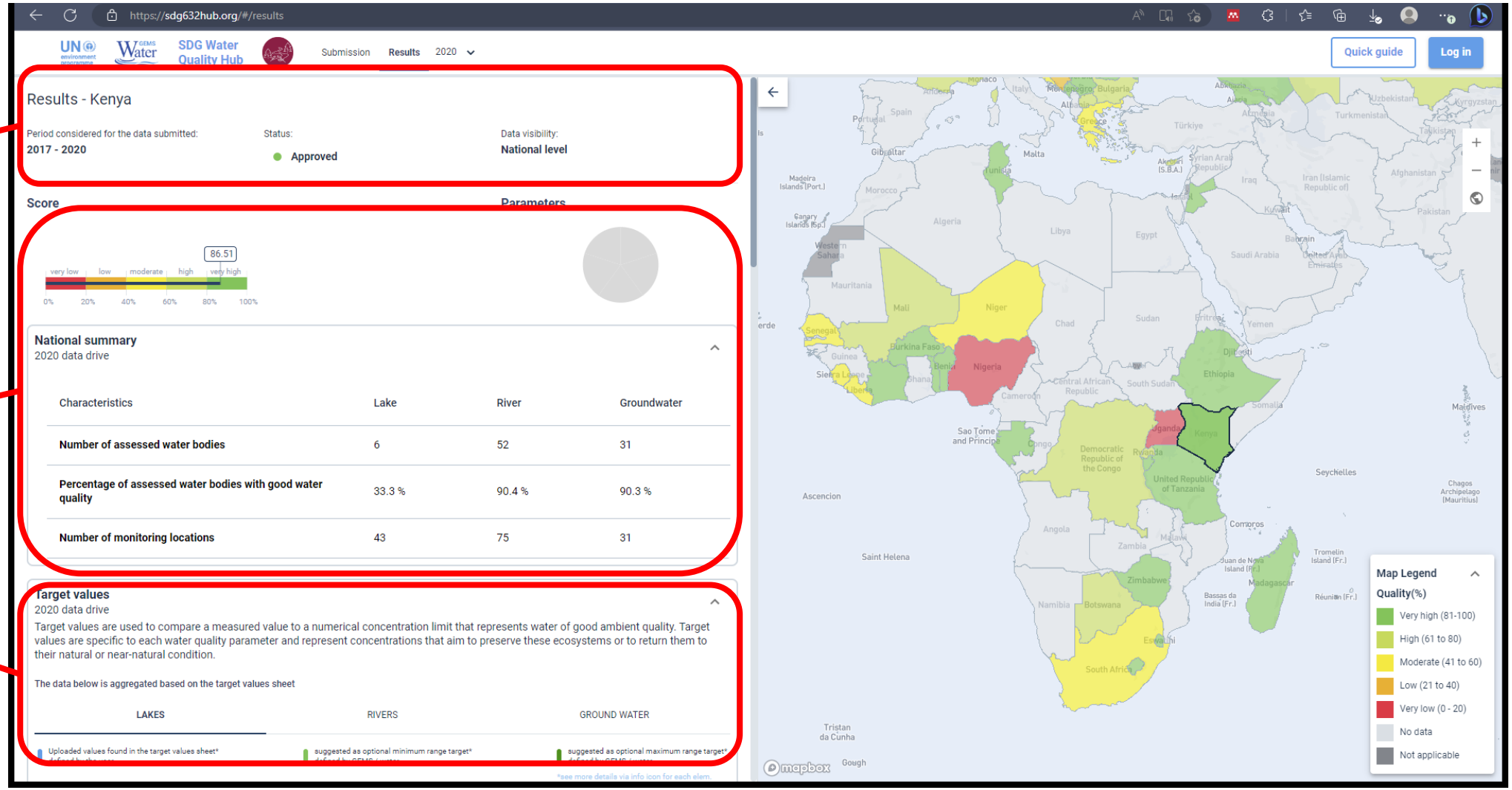
SDG Water Quality Hub – Results

Submission info

National summary info

Target value info



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SDG Water Quality Hub

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Results pages

Link to supports page

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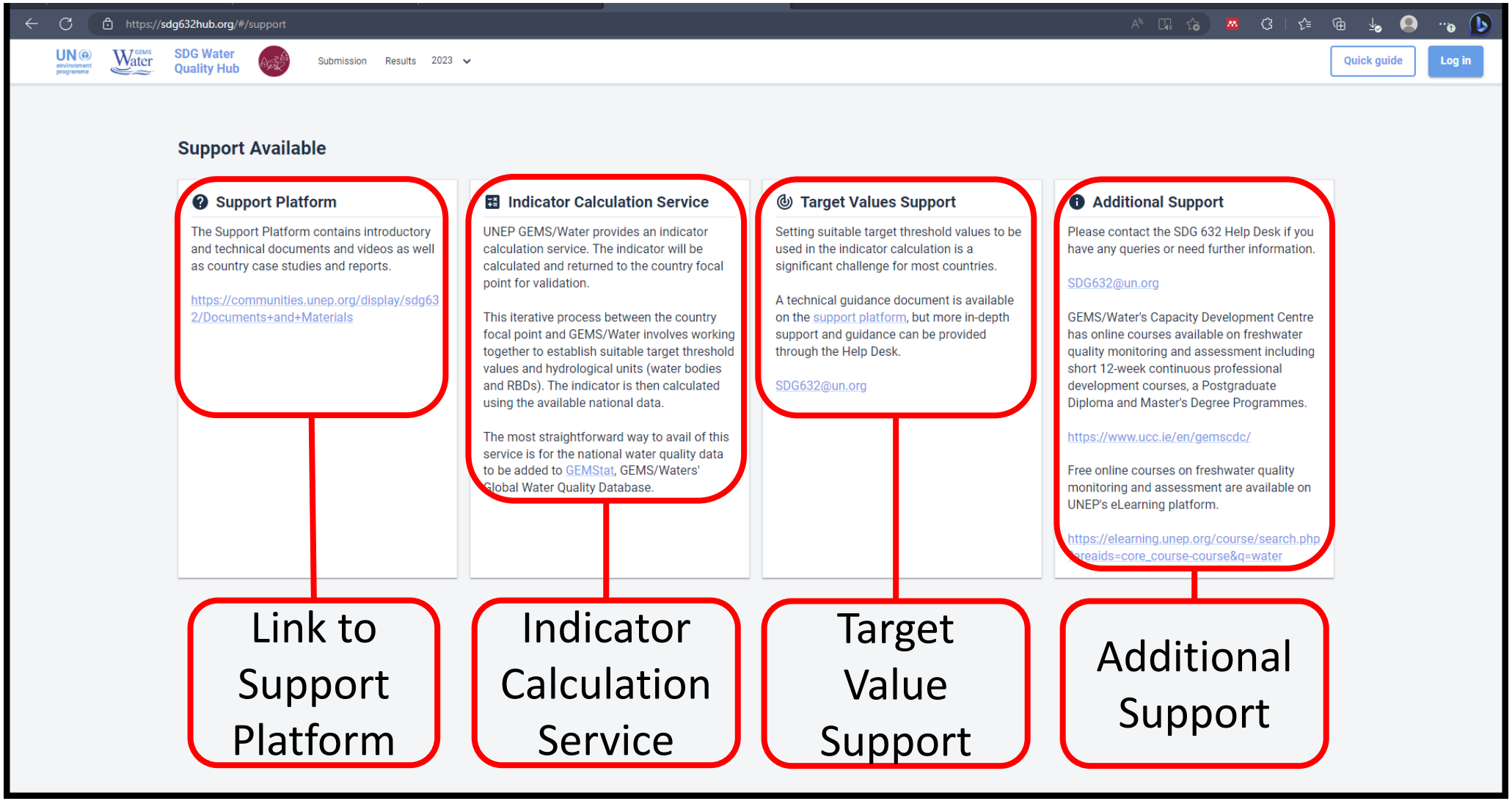
SDG Water Quality Hub – Support



SDG Water Quality Hub

- Map of reporting status
- Quick guide
- Submission preparation
- Results pages
- Link to supports page
- Important concepts

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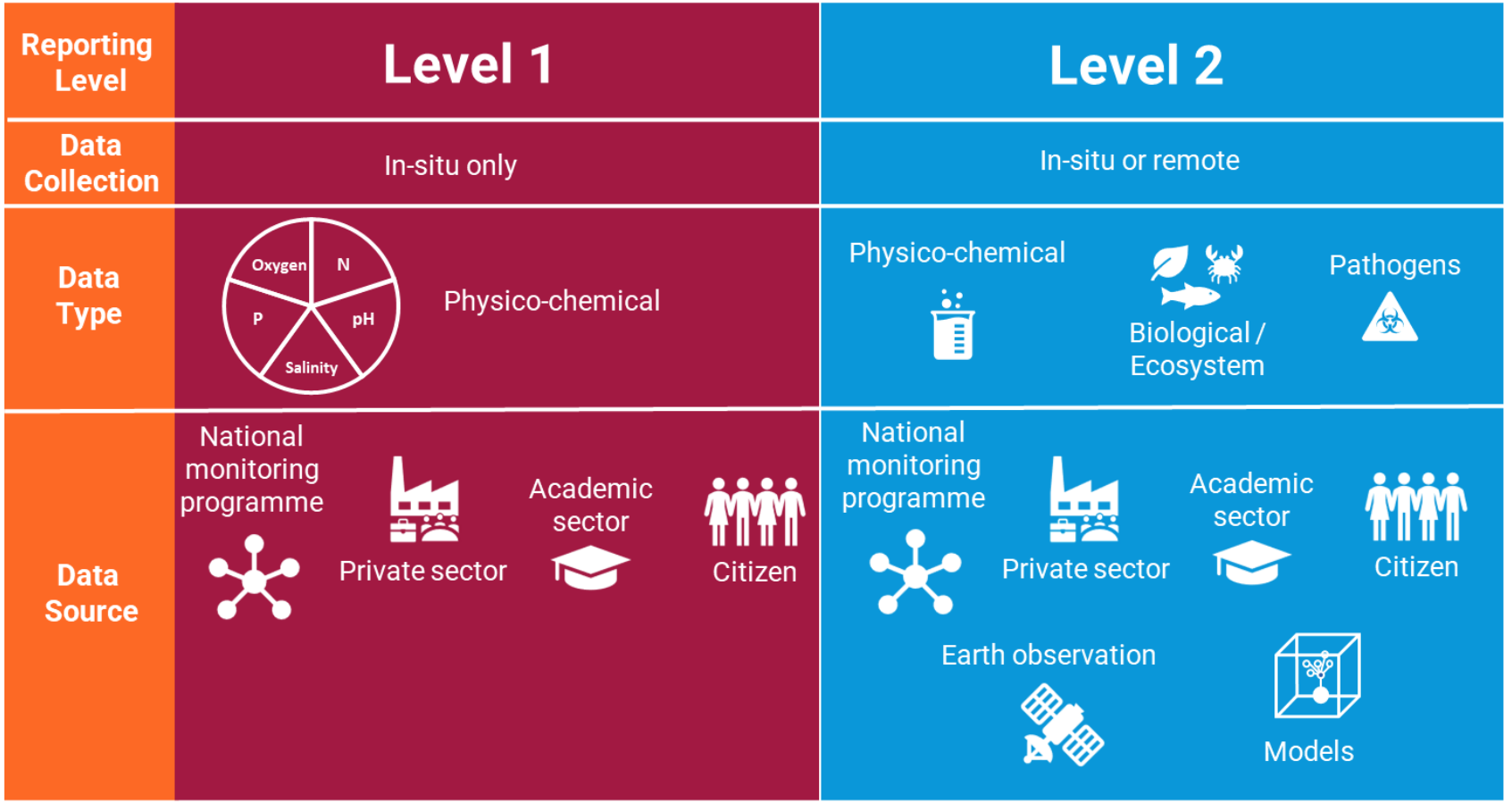
Level 2 Reporting

Summary

- Optional
- 2023 first time countries asked to report at Level 2
- Separate reporting template
- Undertaken either in parallel or in sequence to Level 1 reporting
- Flexible by design
- Developed in response to feedback received from countries
- New technical document



https://communities.unep.org/display/sdg632/Documents+and+Materials?preview=/32407814/106758331/SDG632_TechDoc_Level2_20230418_EN_RevB.pdf

What is Level 2 Reporting?

Level 1

- maintains the global comparability
- covers the parameters that are relevant at the global scale
- it is limited in scope and cannot represent all pressures to freshwater quality

Level 2

- provides the opportunity to report any water quality data
- to report on parameters and using approaches that match national capacity
- provides the flexibility to report beyond Level 1
- and to focus on water quality issues that may be significant locally, nationally or regionally

What is Level 2 Reporting?

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Level 2

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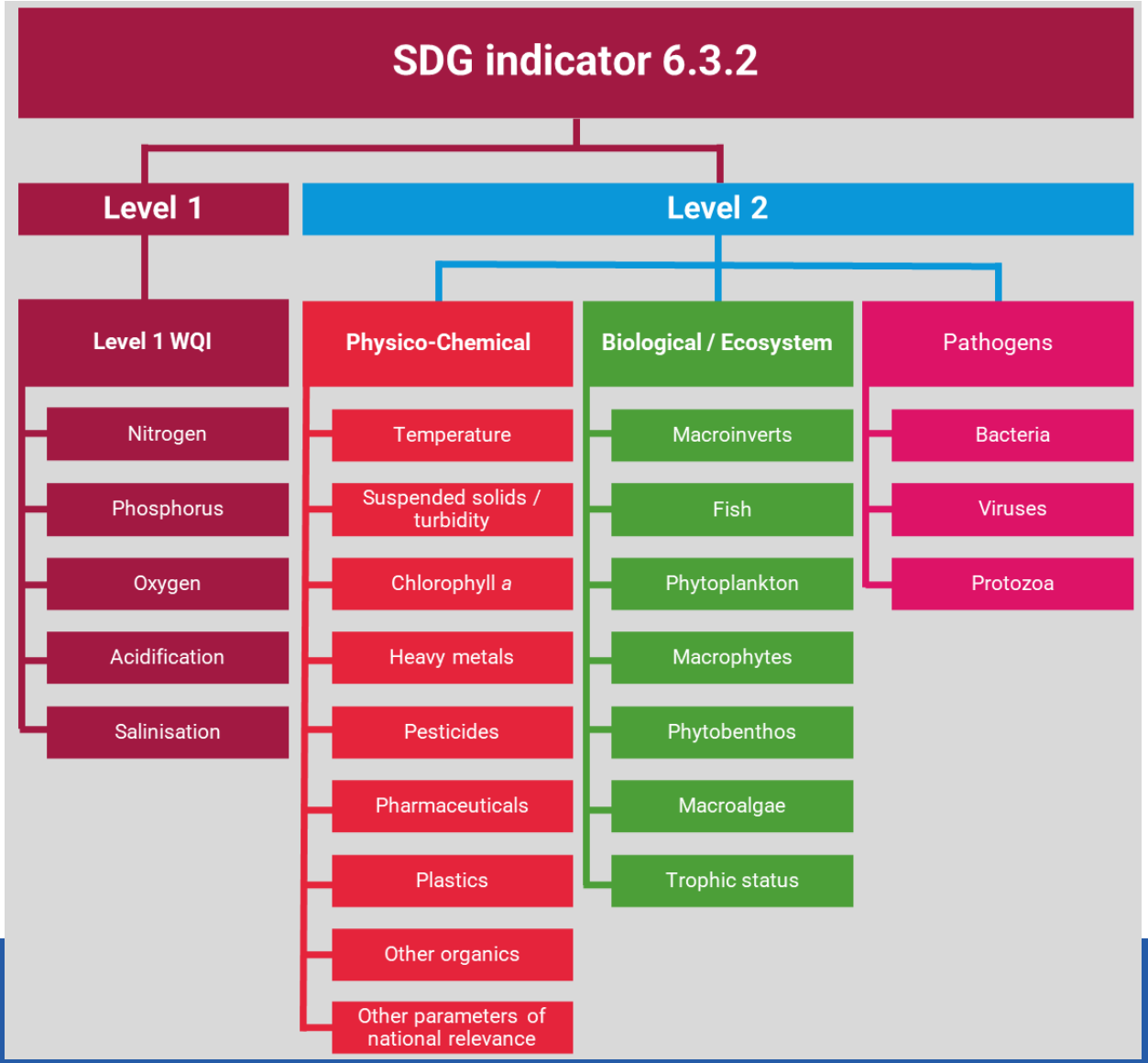
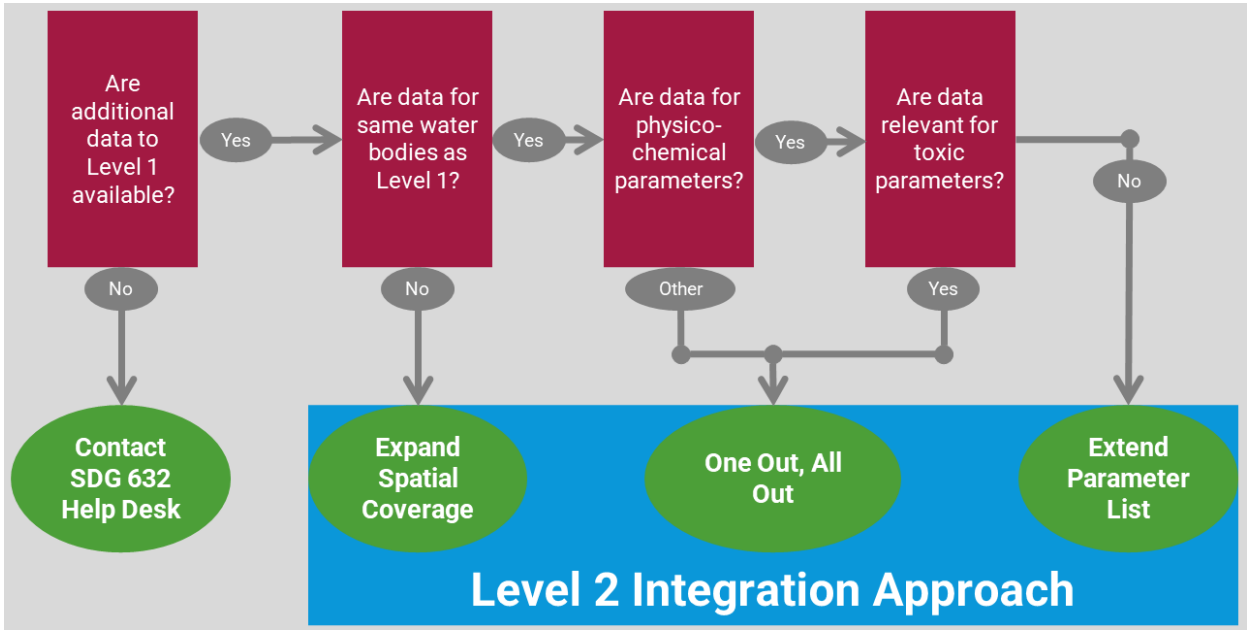
- to report on parameters and using approaches that match national capacity
- provides the flexibility to report beyond Level 1
- and to focus on water quality issues that may be significant locally, nationally or regionally

Level 2 Concepts

Sub-indicators



Different approaches to integration



Summary

- 2023 Data drive **launched**
- Reporting deadline - **October 1st**
- 97 countries reported, low-income countries report on far fewer water bodies
- New **SDG Water Quality Hub** is available
- Countries have option to report at **Level 2** for first time

Questions or clarification?

Thank you

Further info:

- Latest progress report: https://www.unwater.org/publications/progress-on-ambient-water-quality-632-2021-update/
- Contact: SDG632@un.org
- SDG Water Quality Hub: https://sdg632hub.org/