

Reporting on global SDG indicator 6.5.2
TEMPLATE of the second cycle for reporting

Content of the template

The template is divided into four parts:

- Section I - Calculation
- Section II - Information
- Section III - General info
- Section IV - Final questions

Integrated Monitoring Guide for SDG 6
Step-by-step monitoring methodology for SDG indicator 6.5.2 version "2020"
Final version 2020-01-25

STEP-BY-STEP MONITORING METHODOLOGY FOR
SDG INDICATOR 6.5.2

PROPORTION OF TRANSBOUNDARY BASIN AREA WITH AN OPERATIONAL ARRANGEMENT FOR WATER COOPERATION

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Calculate the surface area of each transboundary basin and aquifer, and the total sum	9
Review existing arrangements for transboundary cooperation in water management and verify if waters are covered by a cooperation arrangement	10
Check which of the existing arrangements satisfy which criteria for operability	11
Calculate the indicator value	12



SDG Indicator 6.5.2

Introduction for the 2020 data collection

Webinars on SDG indicator 6.5.2
supporting countries in preparing national reports for the 2nd
reporting exercise

4 June 2020

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UN WATER

INTEGRATED MONITORING INITIATIVE FOR SDG 6
SDG INDICATOR 6.5.2
TRANSBOUNDARY WATER COOPERATION



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Overview

- SDG indicator 6.5.2 and Integrated monitoring of SDG 6
- Results of the baseline exercise in 2017-18
- Material and source of data available
- Tips and advice for reporting
- Value of reporting on SDG 6.5.2



SDG INDICATOR 6.5.2
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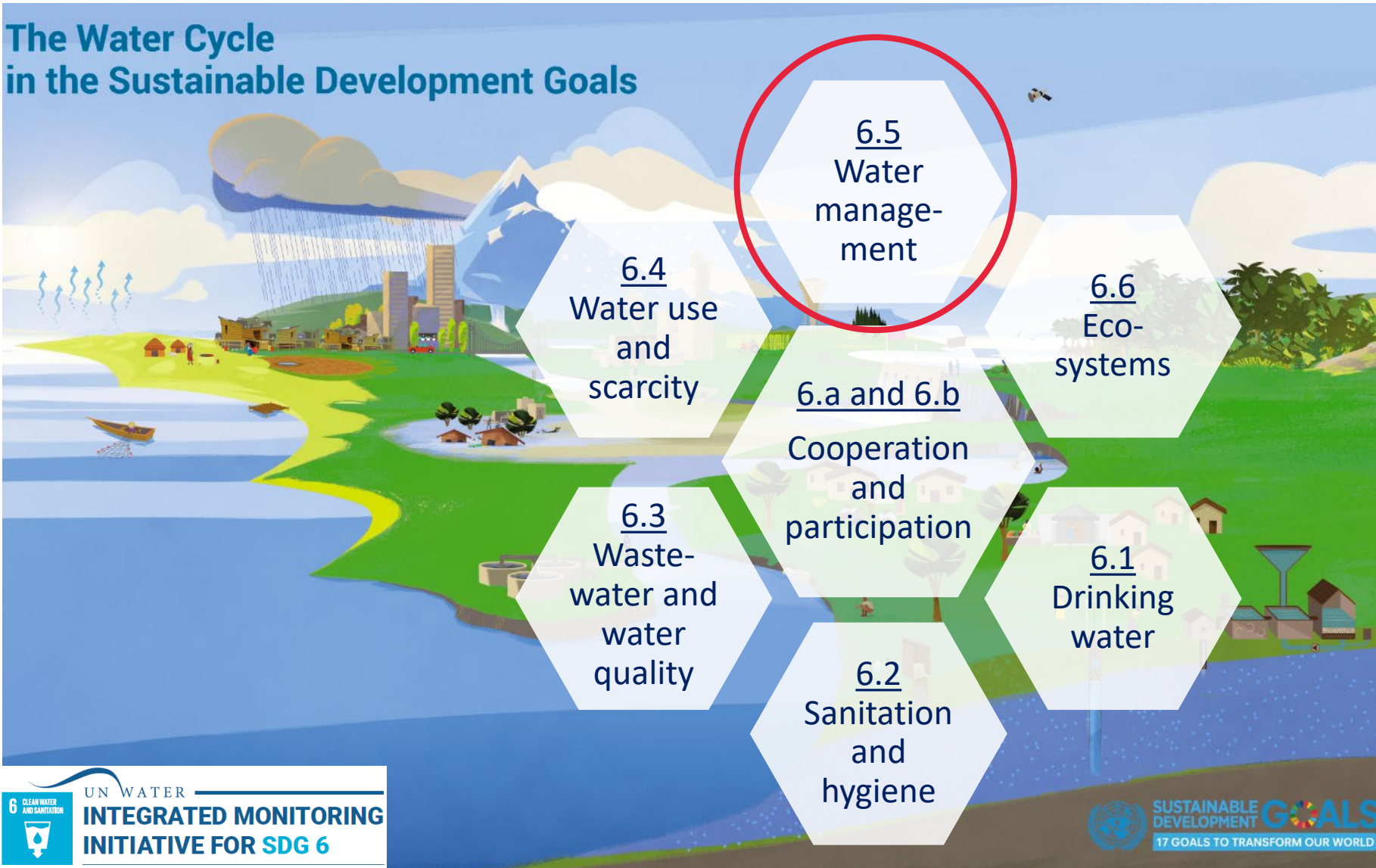
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SDG6 Ensure availability and sustainable management of water and sanitation for all

The Water Cycle in the Sustainable Development Goals



6.1.1	Safely managed drinking water services (WHO, UNICEF)
6.2.1	Safely managed sanitation services and hygiene (WHO, UNICEF)
6.3.1	Wastewater safely treated (WHO, UN-Habitat, UNSD)
6.3.2	Good ambient water quality (UNEP)
6.4.1	Water use efficiency (FAO)
6.4.2	Level of water stress (FAO)
6.5.1	Integrated water resources management (UNEP)
6.5.2	Transboundary basin area with water cooperation (UNECE, UNESCO)
6.6.1	Water-related ecosystems (UNEP, Ramsar)
6.a.1	Water- and sanitation-related official development assistance (WHO, OECD)
6.b.1	Participation of local communities in water and sanitation management (WHO, OECD)

6 CLEAN WATER
AND SANITATION



Goal 6 Ensure availability and sustainable management of water and sanitation for all

6.5 INTEGRATED WATER
MANAGEMENT



Target 6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate

Indicator 6.5.1 Degree of integrated water resources management implementation



Indicator 6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation



SDG6.5.2 Baseline results: 2017-18

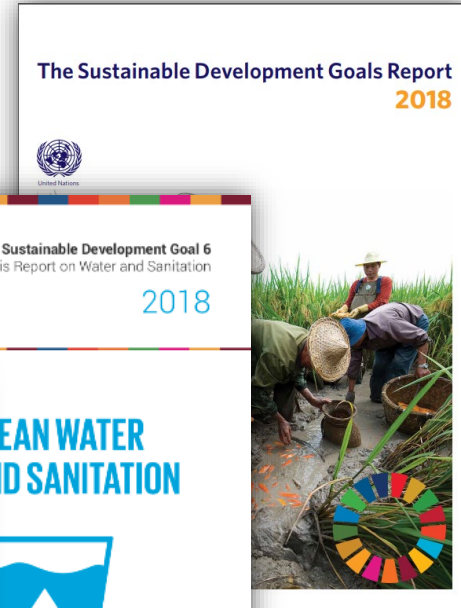


108 country responses
(out of 153 countries sharing transboundary waters)

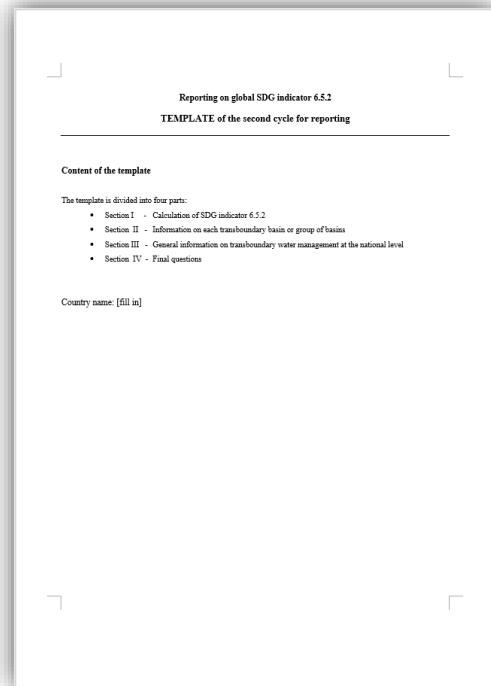
59% = average national percentage of transboundary basins covered by operational arrangement in 2017/2018 (67 out of 153 countries)

Only **17 countries** worldwide with **all** transboundary waters covered by operational arrangements

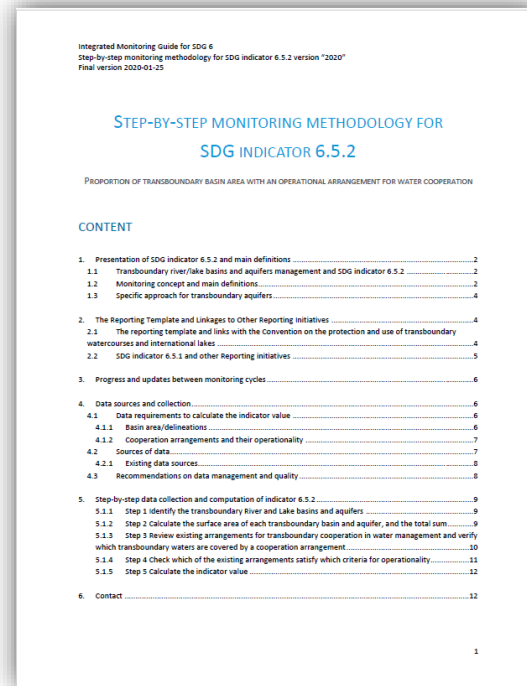
=> Significant efforts needed to increase cooperation on transboundary rivers, lakes and aquifers



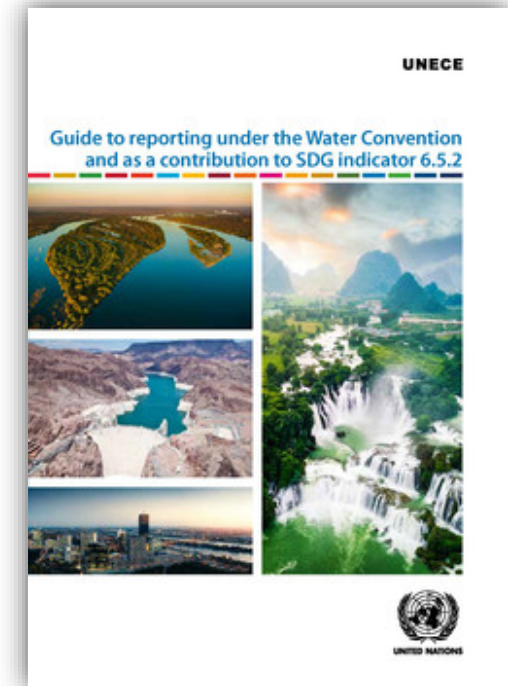
Guidance documents for national reports on SDG indicator 6.5.2



Template for the
2nd reporting exercise



Step-by-step methodology
for the calculation of the
value of SDG indicator
6.5.2 '2020 version'



Guide to reporting under
the Water Convention and
as contribution to SDG
indicator 6.5.2



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Content of the national reports on SDG indicator 6.5.2

SDG 6.5.2 calculation

Additional information to explain, substantiate and complement indicator data

Section I Calculation of SDG indicator 6.5.2

Calculation of SDG indicator 6.5.2 value for **transboundary rivers and lake basins** (table 1); and **transboundary aquifers** (table 2).

States can elaborate on transboundary river, lake and aquifers, and their operational arrangements, in section II

Section II Transboundary basin and aquifer arrangements

Questions to be completed for **each** river or lake basin, or aquifer system, as well as sub-basins, parts of a basin or groups of basins where appropriate

Consider replies to **questions 1, 2, 3, 4 and 6** to verify the rivers, lakes and aquifers covered by operational arrangements based on “**operationality criteria**” in SDG indicator 6.5.2 methodology

Section III National Water Management

Questions relate to governance arrangements in place at the national level that concern transboundary waters

Section IV Final Questions

Policy-focused summary and questions on how template was completed

Step-by-Step methodology contains guidance to completing this section

Guide to reporting contains guidance to completing these sections

Tips and advice

Organising reporting on SDG6.5.2



- Information on indicator 6.5.2 is collected every **3 years** by UNECE and UNESCO as co-custodian agencies (as for 6.5.1 and other SDG6 indicators)
- **Ministers** responsible for transboundary waters officially addressed by UNECE and UNESCO
- Reports signed by competent authority

- Nomination of a **key person or organization** responsible for coordinating reporting
- Identification of **stakeholders** who should be involved in reporting and potential sources of information process at national level to include
- Definition of an indicative reporting **schedule**, plan the process

- Importance of increased engagement of national statistical offices
- Coordinate with 6.5.1 report and focal point

(See Guide to Reporting, p. 5-7)



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Tips and advice

Filling the questionnaire on SDG6.5.2



- Deadline to submit reports **30 June 2020**
- Build on the **first report** (also neighbours and other countries)
- Interact with **custodian** agencies (advice, questions, draft report)
 - Consider submitting the first **drafts** of the report to UNECE or UNESCO for comments before formal submission
- If useful, indicate **links** to more general information, such as web pages of commissions, projects, etc.

(See Guide to Reporting, p. 8 & 10)



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Tips and advice

Discussing responses with other riparian countries



- Look at opportunities to share draft national report with other riparian countries
 - Align responses in terms of
 - basins/ sub-basins shared
 - arrangements
 - criteria for operationality
 - Use existing joint bodies or mechanisms, or regular meetings at bilateral, basin or regional level for co-ordination
- Sometimes alignment might not be possible due to differing perspectives, especially in relation to degree of implementation of an arrangements (e.g. section II, questions 4-13).

(See Guide to Reporting, p.7)

Value and uptake of reporting on SDG6.5.2



National level

- Preparing the report with a consultative approach helps **raising attention and support** on the topic

Transboundary level

- Consultation on relations with riparians helps developing a **common understanding of challenges and opportunities** that can become a basis for discussion for next steps with riparians or basin organisations

Regional and global levels

- SDGs Reports feed into political dialogue at regional and global level (i.e. HLPF, UN Statistical Division)

(See Guide to Reporting, p. 8-9)



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Thanks for listening!

6.5.2 Help Desk

transboundary_water_cooperation_reporting@un.org
transboundary_water_cooperation_reporting@unesco.org

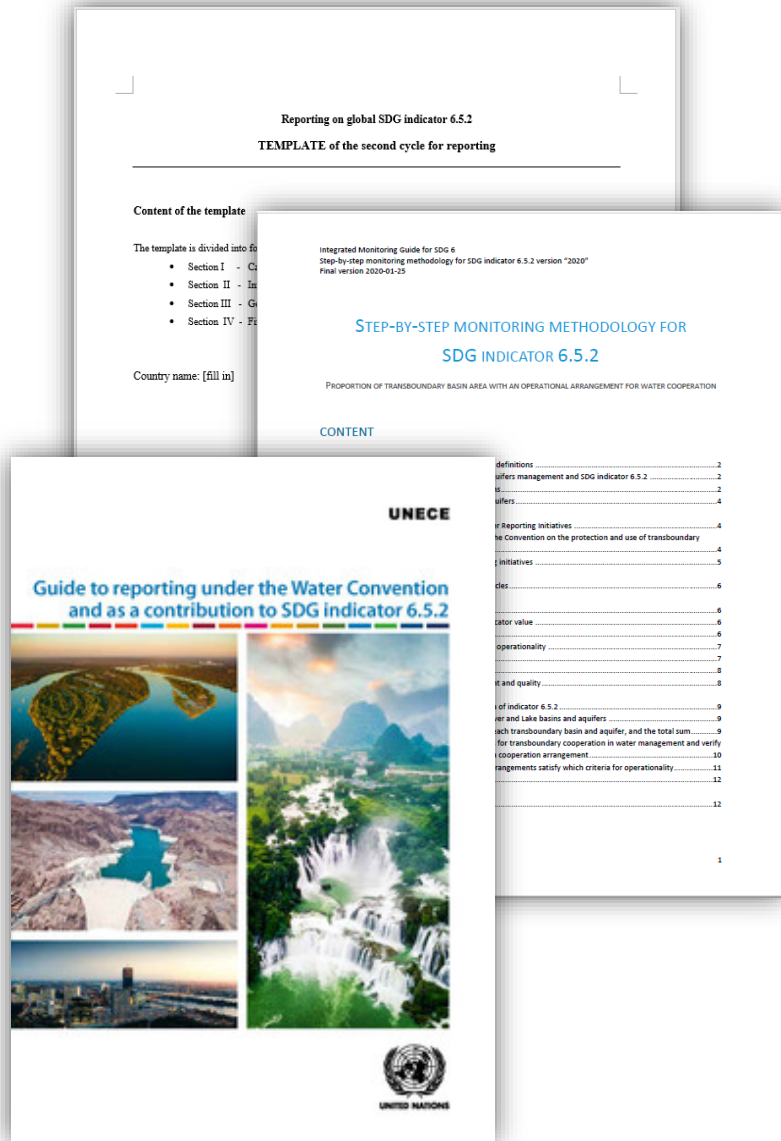
Further information

UNECE: www.unece.org/water/transboundary_water_cooperation_reporting.html

UNESCO: <https://en.unesco.org/themes/water-security/hydrology>

UN-WATER SDG6 monitoring: www.sdg6monitoring.org/indicator-652

UN-WATER SDG6 data portal: www.sdg6data.org/indicator/6.5.2



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Additional informational slides (not presented)



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2018 Baseline progress report

SDG 6.5.2 Key messages

- SDG6.5.2 **first** country-led global process of reporting on transboundary water cooperation
- **Enhance** future reporting through coordinating national responses, addressing data gaps and improving response rate
 - Encourage all countries in the Arab region to report and submit it
 - Explore opportunities to partner with regional organizations and initiatives to promote and support reporting
 - Address data gaps particular in relation to transboundary aquifer data
- Encourage the setting of national and basin **targets** as a way to monitor progress on 6.5.2
- Draw upon global **Water Conventions** and ILC Draft Articles on Transboundary aquifers to support development of arrangements
- Improve **financing** for transboundary water cooperation and capacity building



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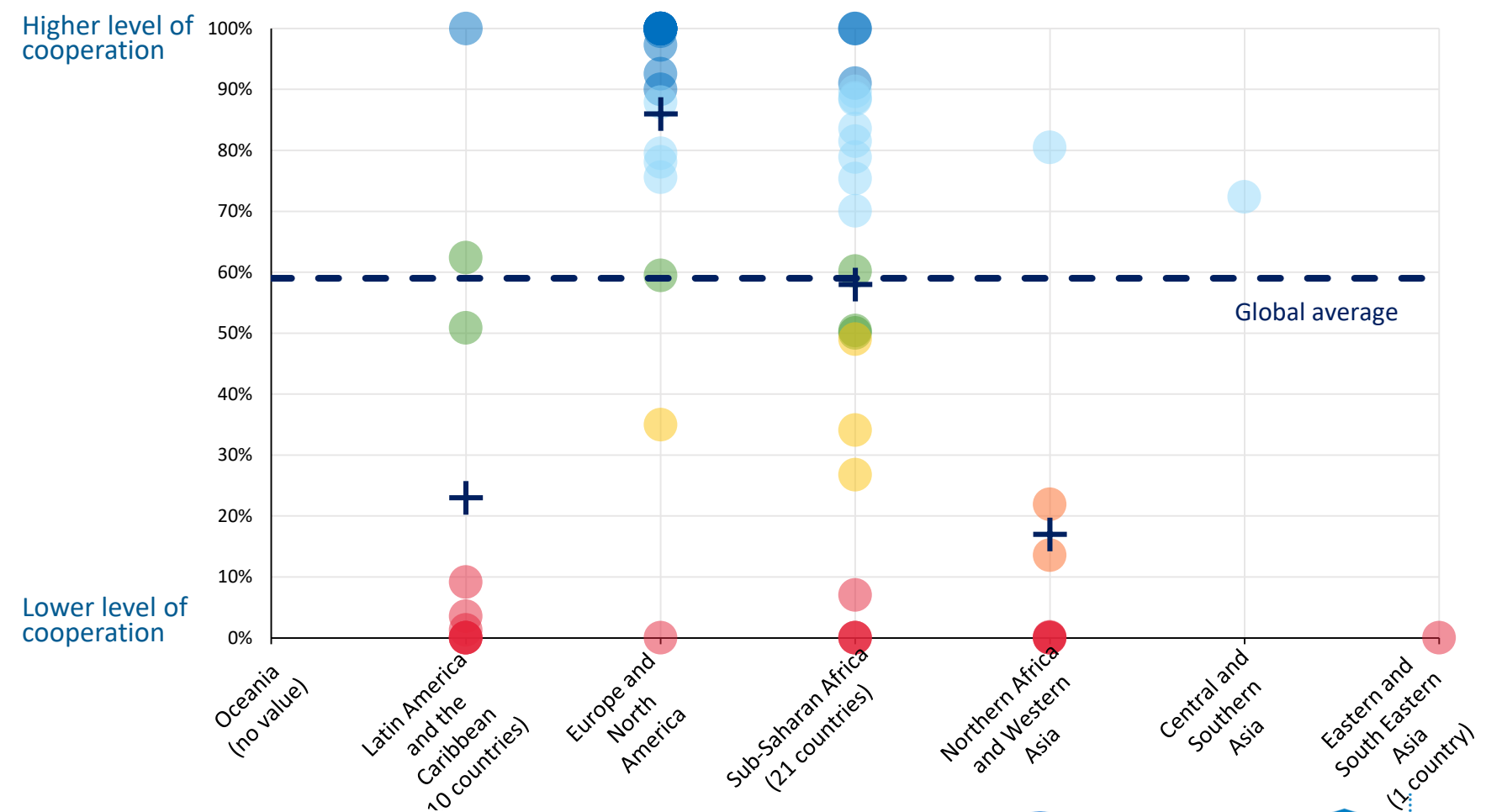


Baseline results 2017-18

SDG regions breakdown of the level of transboundary water cooperation

● SDG indicator 6.5.2 (67 countries)

+ Regional average of SDG indicator 6.5.2 (based on the number of countries indicated for each region)



Sources of data to report on SDG indicator 6.5.2



- National level
 - Ministries and agencies responsible for surface water and groundwater
 - National reports from the 2017-18 reporting exercise available online ([section III. C.](#))
- Basin level
 - Basin organizations may have databases with relevant information
- Regional data sources
 - [Inventory of Shared Water Resources in Western Asia, ESCWA](#)
 - [2nd Assessment of Transboundary Rivers, Lakes and Groundwaters in the Pan-European region, UNECE](#)
 - [Public policy on transboundary waters in Central America, GWP](#)
- Online international data sources
 - UNEP/GEF [Transboundary Water Assessment Programme \(TWAP\)](#)
 - [TWAP surface water component](#)
 - [TWAP groundwater component](#) and in particular its [aquifer information sheets](#)
 - [Oregon State University databases](#) on transboundary waters

Step-by-step methodology for the calculation of the value of SDG indicator 6.5.2 “version 2020”



- Includes definitions of key **terminology** (aligned to guide to reporting)
- Addresses data sources and collection
- Provides **5 key steps** for calculating SDG indicator 6.5.2 at a national level

6.5.2: Proportion of **transboundary basin area** with an **operational arrangement** for water cooperation

- Step 1 identify transboundary surface and groundwater
- Step 2 calculate the surface area of each transboundary basin and the total sum of areas
- Step 3 review existing agreements for transboundary water cooperation
- Step 4 check which agreements for transboundary water cooperation are operational
- Step 5 calculate the indicator value

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Step-by-step monitoring methodology for SDG indicator 6.5.2 version “2020”
Final version 2020-01-25

STEP-BY-STEP MONITORING METHODOLOGY FOR
SDG INDICATOR 6.5.2

PROPORTION OF TRANSBOUNDARY BASIN AREA WITH AN OPERATIONAL ARRANGEMENT FOR WATER COOPERATION

CONTENT

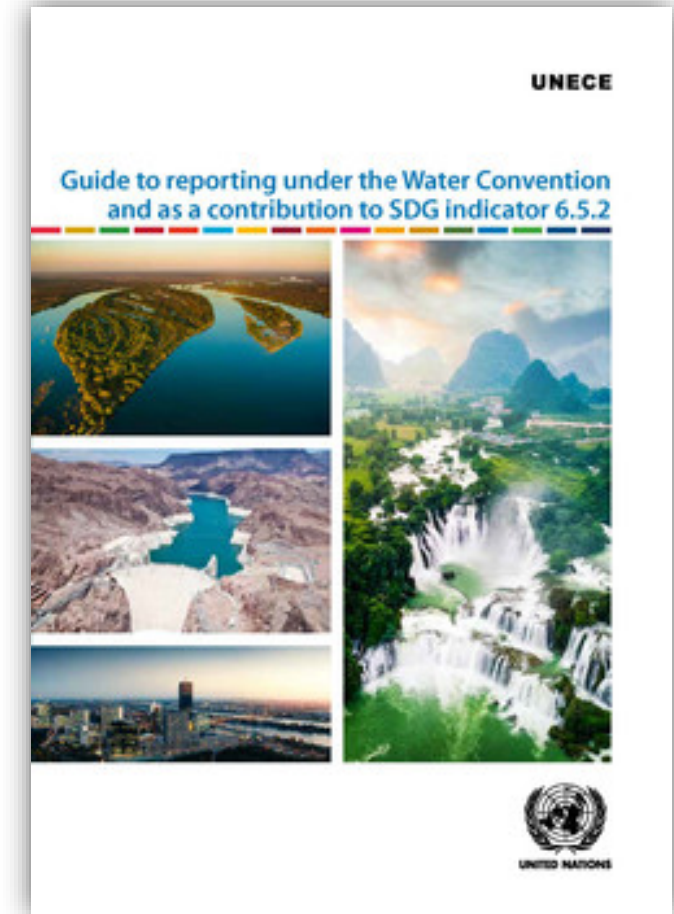
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1



Guide to reporting under the Water Convention and as a contribution to SDG indicator 6.5.2

- Clarify **terminology** and provides practical **examples** of how certain questions might be answered
- Offers advice on how to **organise the reporting process** and **maximise the beneficial impacts** of reporting
- **Practical document** for experts that have the responsibility for conducting the reporting process and completing/ co-ordinating the completion of the reporting template.



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