



Item 9. Reporting on SDG indicator 6.5.2 and under the Water Convention

Initial results of the 2020 data drive

3rd joint meeting of the Working Group on IWRM and Working Group on Monitoring and Assessment (26-28 April 2021)

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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 of SI
- Section II - Information on es
- Section III - General informat

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

UNECE

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

6 CLEAN WATER AND SANITATION

Progress on Transboundary
Water Cooperation
Global baseline for SDG indicator 6.5.2
2018

UN WATER

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Cultural Organization

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Monitoring SDG indicator 6.5.2 – Reporting process



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

- **Co-custodian agencies** for SDG 6.5.2: UNECE and UNESCO
- Information on indicator 6.5.2 **collected every 3 years** by UNECE & UNESCO (as for other SDG6 indicators)
 - First data collection 2017 => second exercise in 2020
- **February 2020: UNECE & UNESCO initiated data and information collection**
 - Questionnaire addressed to Ministers responsible for transboundary waters
 - To all UN Member States sharing transboundary waters
- **Countries supported** by a set of measures
 - methodological guidance, helpdesk, capacity building, including webinars and bilateral sessions with UNECE and UNESCO
- After the submission of the reports UNECE & UNESCO **reviewed** and **analysed** the reports and support States to improve the quality of the reports so to ensure the accuracy of the indicator calculation and comparability of data
 - ⇒ Extensive exchanges with Member States for clarification process
- Preparing the **2021 outputs** to the SDG databases and reports



Initial results of the 2nd reporting in 2020 on SDG 6.5.2

- ⇒ **60% world's freshwater transboundary**
- ⇒ Importance for other **natural resources** and **SDGs**

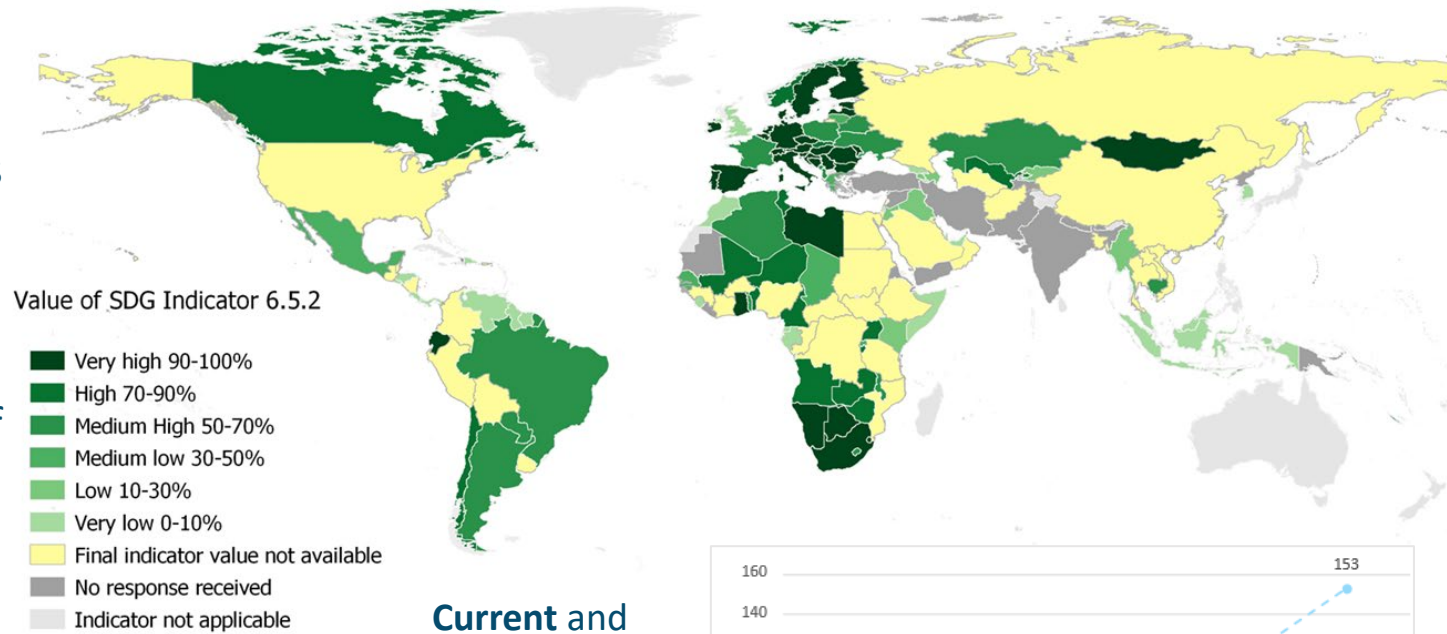
High levels of engagement

- ⇒ In 2020: **129** out of 153 countries submitted reports (30 countries responding for 1st time in 2020)
- ⇒ Only **24 countries** report **all** transboundary surface waters and groundwaters covered by **operational arrangements**
- ⇒ Only additional **22 countries** with more than **70%** of their waters covered by operational arrangement

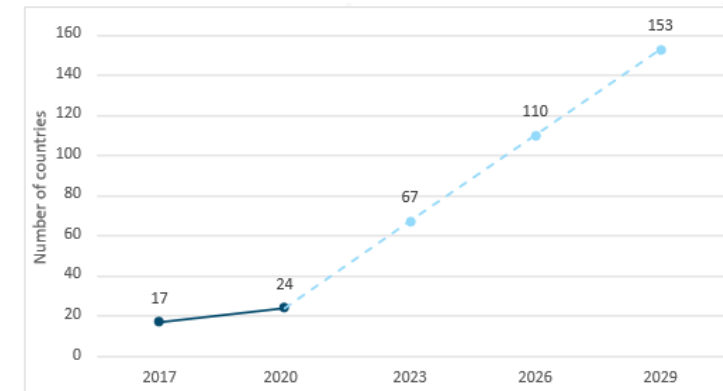
Not on track

- ⇒ Progress must be **accelerated** to ensure that all transboundary basins are covered by operational arrangements by 2030
- ⇒ Insufficient knowledge on **groundwater** systems

SDG Indicator 6.5.2 values and responses received as of 1 April 2021



Current and required rate for all UN Member States to have **all transboundary waters covered** by operational arrangements



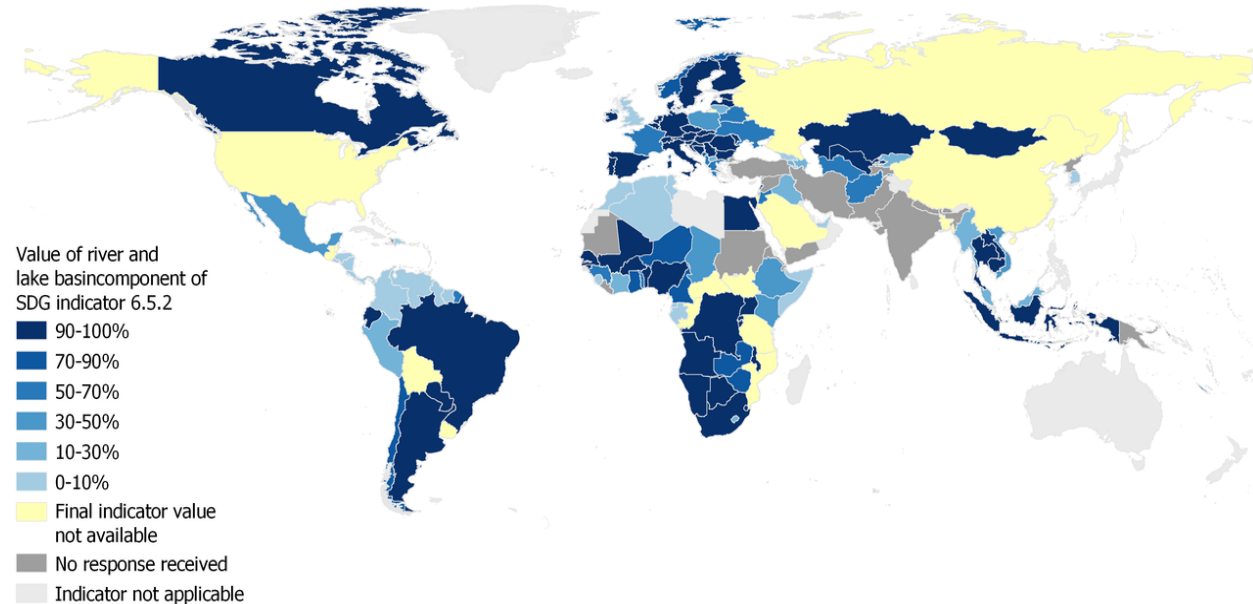
Initial results of the 2nd reporting in 2020 on SDG6.5.2

Surface waters component

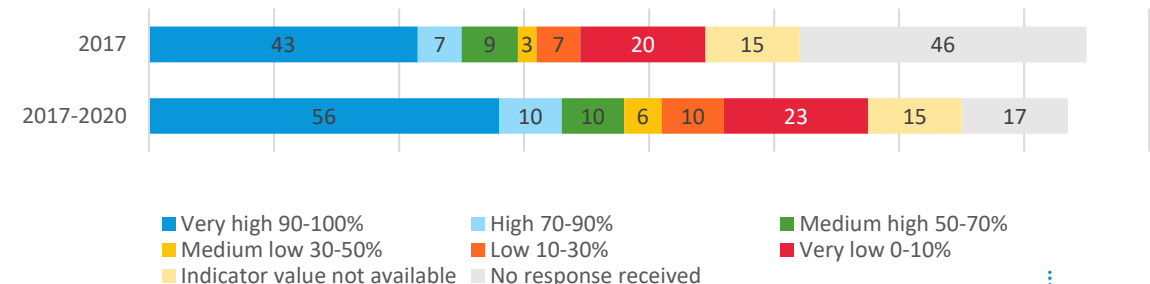


Surface waters component: values and responses received as of 1 April 2021

- Increased response rate and high quality of reports
- SW component available for 115 countries vs 89 in 2017
- SW average value 65% 64% in 2017
- 56 countries with more than 90% of their SW covered by operational arrangement 43 in 2017
- Europe, North America and Sub-Saharan Africa highest coverage



Surface waters component: comparison between 2017 and 2020 data



Very high 90-100% High 70-90% Medium high 50-70%
 Medium low 30-50% Low 10-30% Very low 0-10%
 Indicator value not available No response received

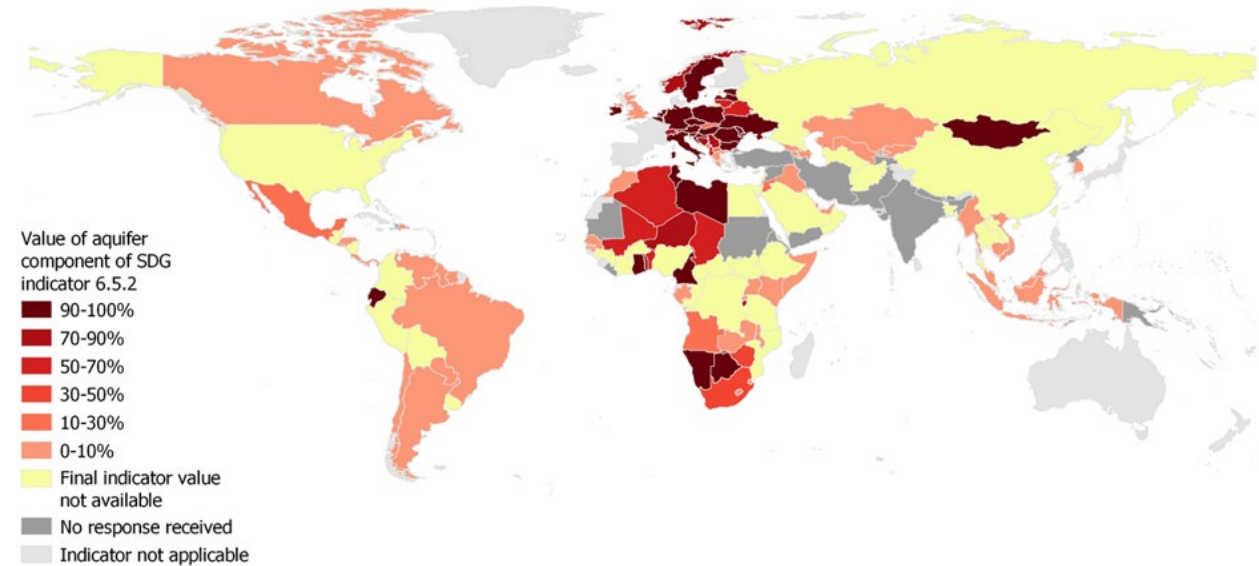
Initial results of the 2nd reporting in 2020 on SDG6.5.2

Aquifer component

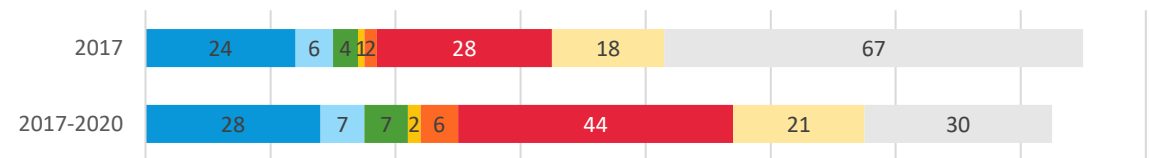


- Higher inclusion of aquifer in the reports
- GW component available for 94 countries vs 65 in 2017
- GW average value 42%
48% in 2017 (increase in the number of responses)
- 28 countries with more than 90% of their GW covered by operational arrangement
24 in 2017
- Only 12 countries report have 8 aquifer-specific arrangements in place
Most aquifers covered through surface water agreements

Aquifer component: values and responses received as of 1 April 2021



Aquifer component: comparison between 2017 and 2020 data



■ Very high 90-100% ■ High 70-90% ■ Medium high 50-70%
■ Medium low 30-50% ■ Low 10-30% ■ Very low 0-10%
■ Indicator value not available ■ No response received

Uptake of SDG6.5.2 data

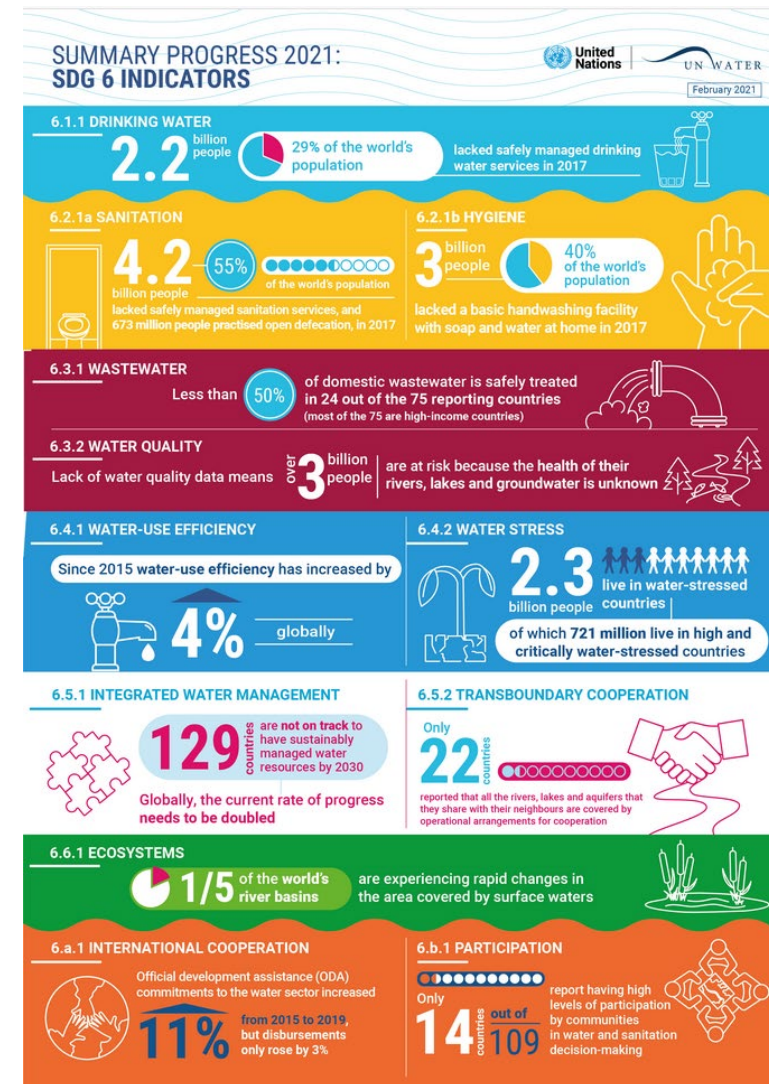
Acceleration needed

- ⇒ Reporting triggered follow-up actions in countries to improve cooperation
- ⇒ Capacity development, financing, data and information etc. and decisive political action needed to achieve the target

6.5.2 data critical to ensuring transboundary water cooperation accurately and sufficiently reflected in SDGs framework

Data already provided input to:

- SDG6 Synthesis Reports: joint position of UN family on global status of SDG
 - Summary Progress Update 2021
 - 2nd Synthesis Reports in 2022
- 2021 UN SDG Report highlighting progress made in support of 2030 Agenda and gaps that remain
- UN Statistical Commission SDG database
 - National data on 6.5.2 included alongside data on all SDG indicators
- UNECE-UNESCO 2nd SDG indicator 6.5.2 report published by UN-Water
 - Launched in August 2021
- 2023 UN Water Decade Conference



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**INTEGRATED MONITORING
INITIATIVE FOR SDG 6**



Thanks for listening!

6.5.2 Help Desk

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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

