

Kick-off webinar 2023 Data Drive

Tuesday 2 May 2023

Select French
or Spanish in
Zoom



Interpretation



Food and Agriculture
Organization of the
United Nations



UNECE

UN
environment
programme



unesco
United Nations
Educational, Scientific
and Cultural Organization

UN HABITAT

unicef 



World Health
Organization



WMO

Practicalities

How to activate interpretation (French and Spanish):

- Select your preferred language channel (also for English speakers)

How to interact during the session:

- Turn on your **video camera** (if your connection allows for it), and check your name
- Present yourself, comment and ask questions in the **Chat**
- **Raise your hand** to take the floor during Q&A, and turn on video and microphone when given the floor
- Participate in **Polls**

→ remember to mute your microphone when not speaking



Unmute



Stop Video



Polls



Chat



Interpretation



Reactions

Agenda

- Welcome and introduction
- Recap of why and how we monitor and report on SDG 6 progress
- 2023 Data Drive and cross-sectoral engagement
- Process and country support by SDG 6 indicator (6.3.1, 6.3.2, 6.4.1, 6.4.2, 6.5.1, 6.5.2, 6.6.1)
- Questions and answers



Recap of why and how we monitor and report on SDG 6 progress

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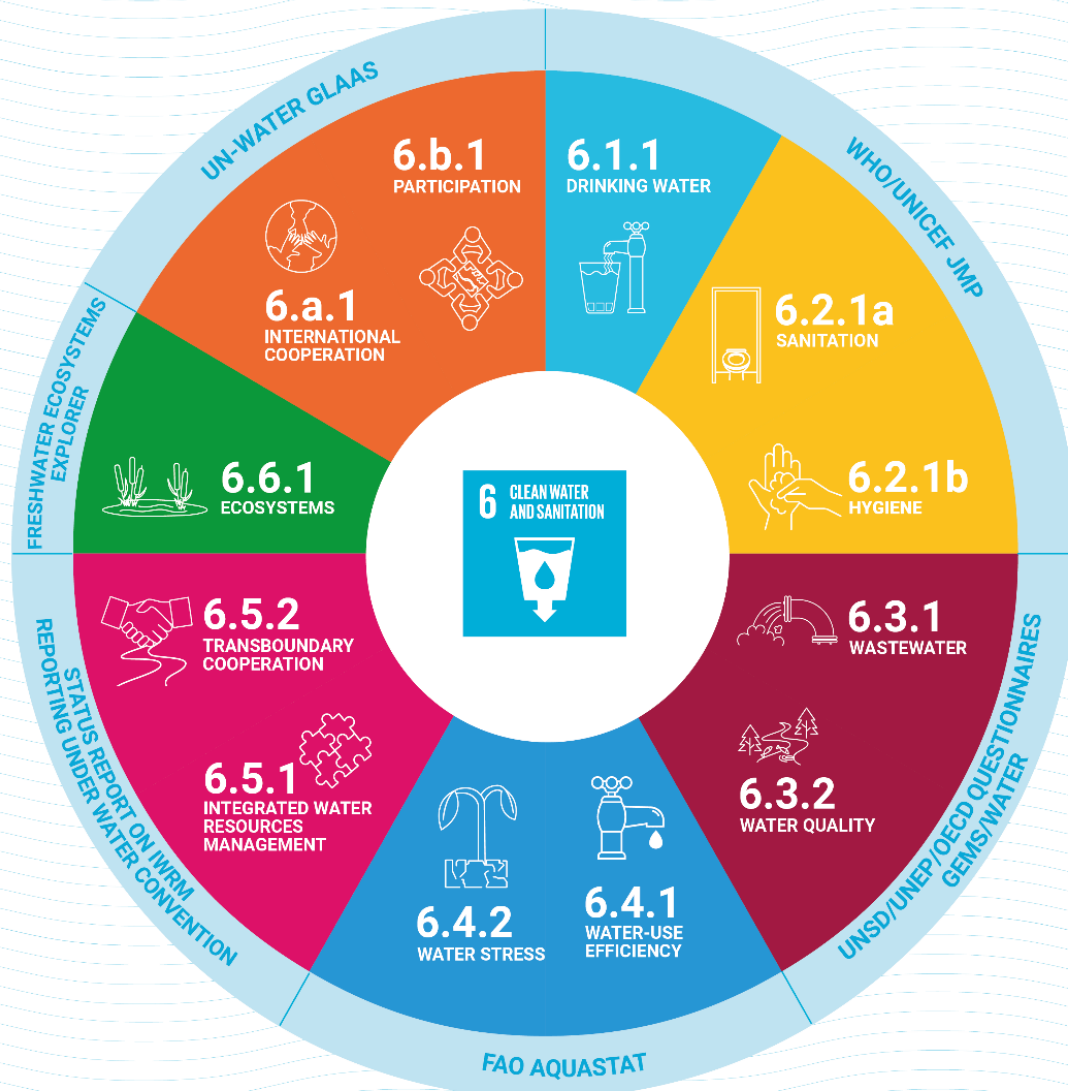
unicef



World Health
Organization



6



INDICATORS	CUSTODIANS
6.1.1 Proportion of population using safely managed drinking water services	WHO, UNICEF
6.2.1 Proportion of population using (a) safely managed sanitation services and (b) a hand-washing facility with soap and water	WHO, UNICEF
6.3.1 Proportion of domestic and industrial wastewater flows safely treated	WHO, UN-Habitat, UNSD
6.3.2 Proportion of bodies of water with good ambient water quality	UNEP
6.4.1 Change in water-use efficiency over time	FAO
6.4.2 Level of water stress: freshwater withdrawal as a proportion of available freshwater resources	FAO
6.5.1 Degree of integrated water resources management	UNEP
6.5.2 Proportion of transboundary basin area with an operational arrangement for water cooperation	UNECE, UNESCO
6.6.1 Change in the extent of water-related ecosystems over time	UNEP, Ramsar
6.a.1 Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan	WHO, OECD
6.b.1 Proportion of local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management	WHO, OECD

Purpose of SDG global indicators

- Global indicators (national aggregates):
 - Broadly track progress
 - Communicate needs
- For policy- and decision-making at national level:
 - Global indicators disaggregated and contextualized
 - Complementary national indicators



[§75] The Goals and targets will be followed up and reviewed using a set of global indicators. These will be complemented by indicators at the regional and national levels ...



Processes in need of SDG 6 data

Global level:

- High-level Political Forum on Sustainable Development (incl in-depth reviews)
- International Decade for Action on Water for Sustainable Development, 2018-2028
- Thematic global policy-making organs
 - E.g. UN Environment Assembly, World Health Assembly, Committee on World Food Security, IHP Intergovernmental Council
- Interlinked global policy processes
 - E.g. Sendai Framework for Disaster Risk Reduction, UN Framework Convention on Climate Change, Kunming-Montreal Global Biodiversity Framework
- Development partners and banks

National level:

- National target-setting
- Policy development
- Strategy development
- Budget allocations
- Joint Sector Reviews
- Voluntary National Reviews
- Common Country Assessment
- Commitments to Water Action Agenda

Roles and responsibilities for SDG 6 reporting

- **Countries:** Collect and make available data for the purpose of global reporting
- **Custodian agencies:** Compile and verify country data, support countries in their monitoring efforts, develop methodologies
- **Regional mechanism:** Facilitate data transmission from national to global levels as appropriate
- **United Nations Statistics Division:** Publish data to inform HLPF
- **UN-Water Integrated Monitoring Initiative for SDG 6:** Gather custodian agencies for SDG 6 indicators, to ensure coherent and integrated efforts

National databases and reports



Indicator-specific databases and progress reports

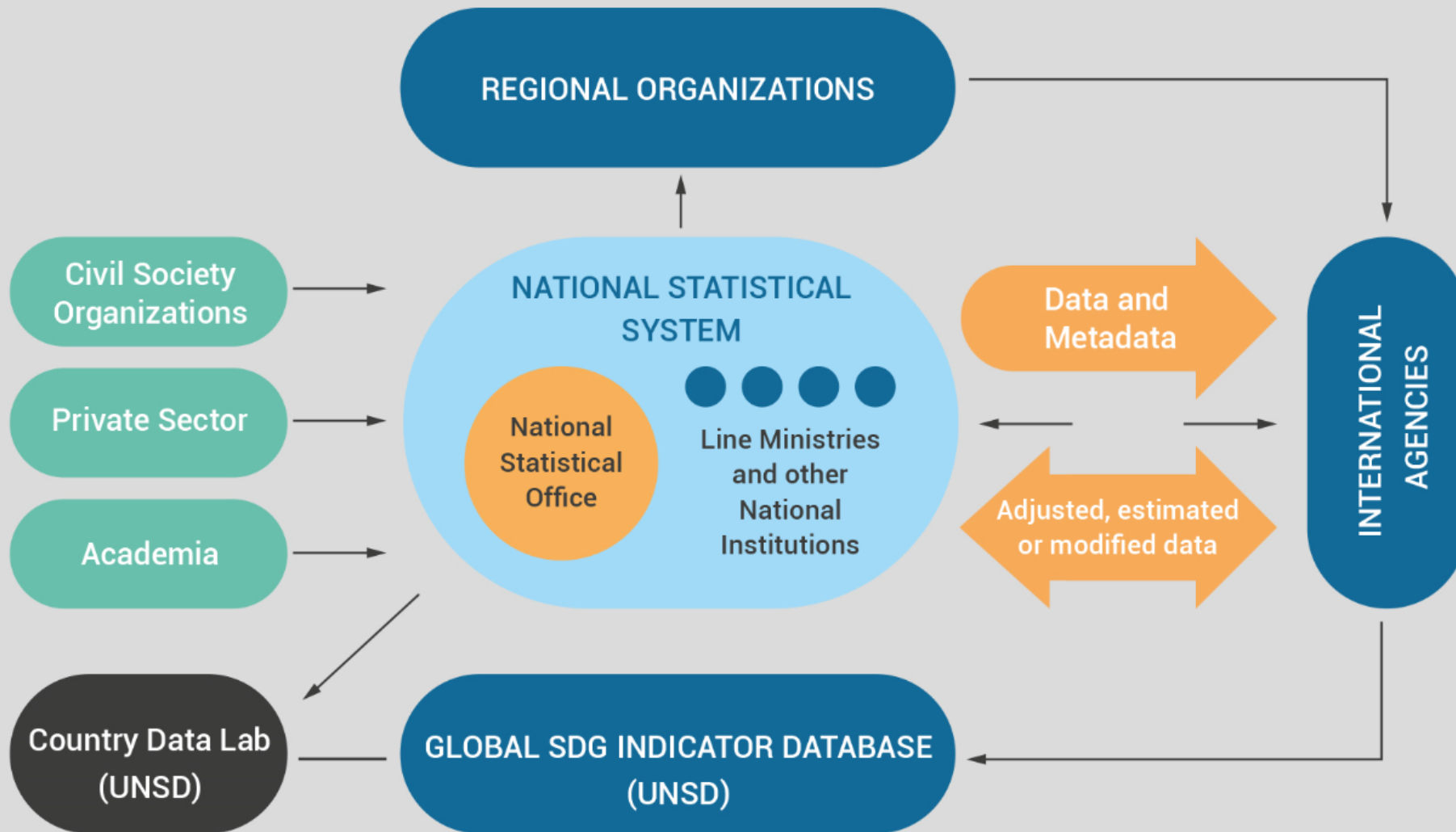


Global SDG Indicator Portal and Annual SDG Progress Report



SDG 6 data portal and SDG 6 Synthesis and Summary Reports

Data flow in SDG reporting



Data flow for SDG 6:

1. Custodian agencies send requests for data to countries (or retrieve it from publicly available official data sources)
2. Countries send data to the custodian agency
3. Custodian agencies validate data in consultation with countries
4. Countries sign off validated data
5. Custodian agencies send validated data to UNSD
6. UNSD publishes the data

Examples publication and analysis of SDG 6 data



Examples SDG 6 data use in global policy processes

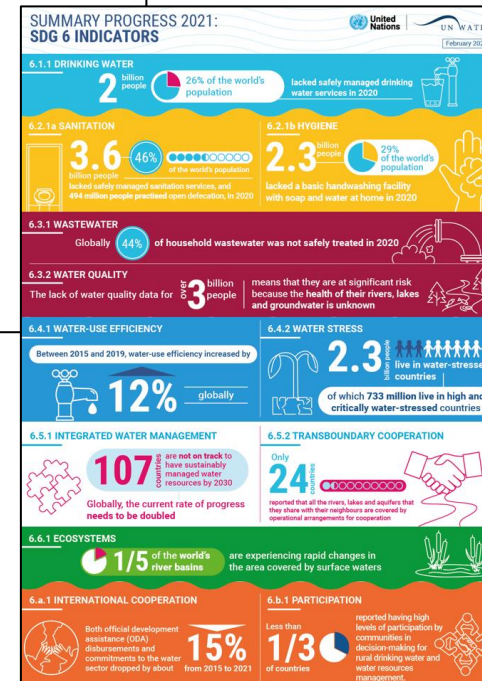
2018: “The world is off-track to achieve SDG 6 on water and sanitation by 2030”

2021: “The world must accelerate – up to four times the current rate -- to have a chance to achieve SDG 6 by 2030”

2023: “Look, progress is possible”



HIGH-LEVEL POLITICAL FORUM
ON SUSTAINABLE DEVELOPMENT

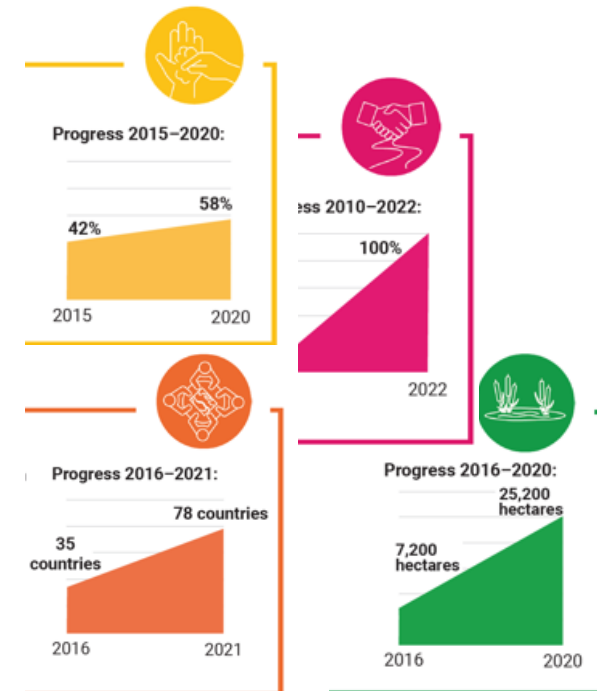


United Nations



UN
2023 WATER
CONFERENCE

NEW YORK
22–24
MARCH
2023



2023 Data Drive and cross- sectoral engagement

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14

SDG 6 data drives to date

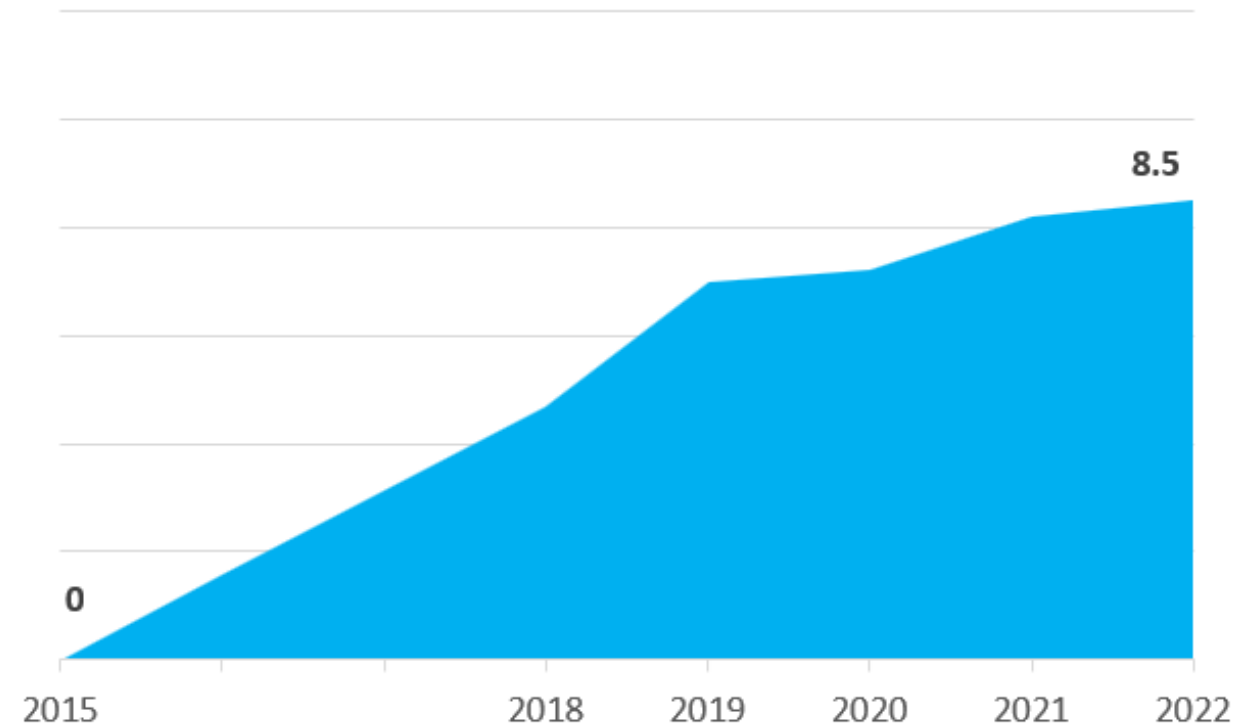
2016/2017 Data Drive (1st)

- SDG 6 progress reports 2018 including baselines for 8 indicators
- SDG 6 Synthesis Report 2018

2019/2020 Data Drive (2nd)

- Average UN Member State reporting on 8.5 indicators
- SDG 6 progress reports 2021 including acceleration needs for 5 indicators
- SDG 6 Summary Progress Report in 2021
- SDG 6 Synthesis Report in 2023

Average number of SDG 6 global indicators reported on by UN Member States (out of 12)



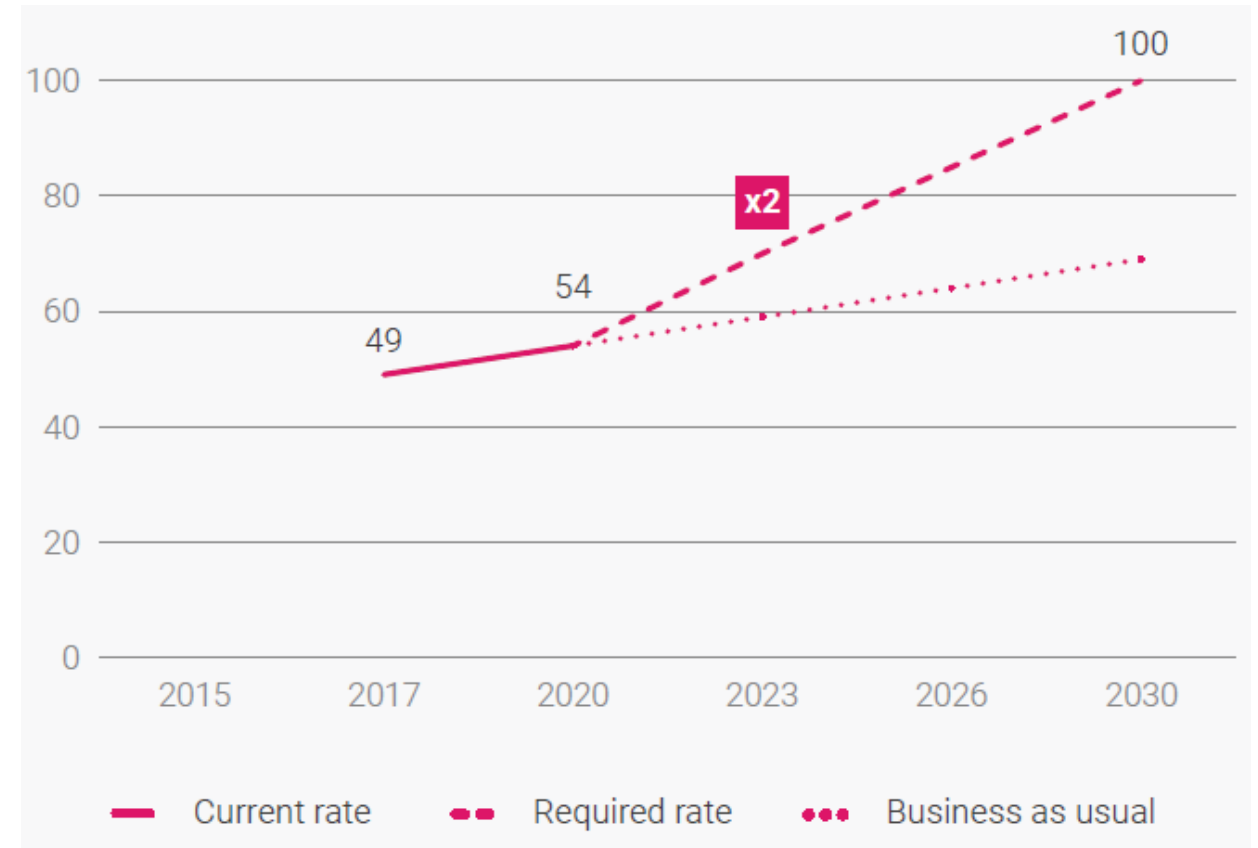
SDG 6 data drives to date

2016/2017 Data Drive (1st)

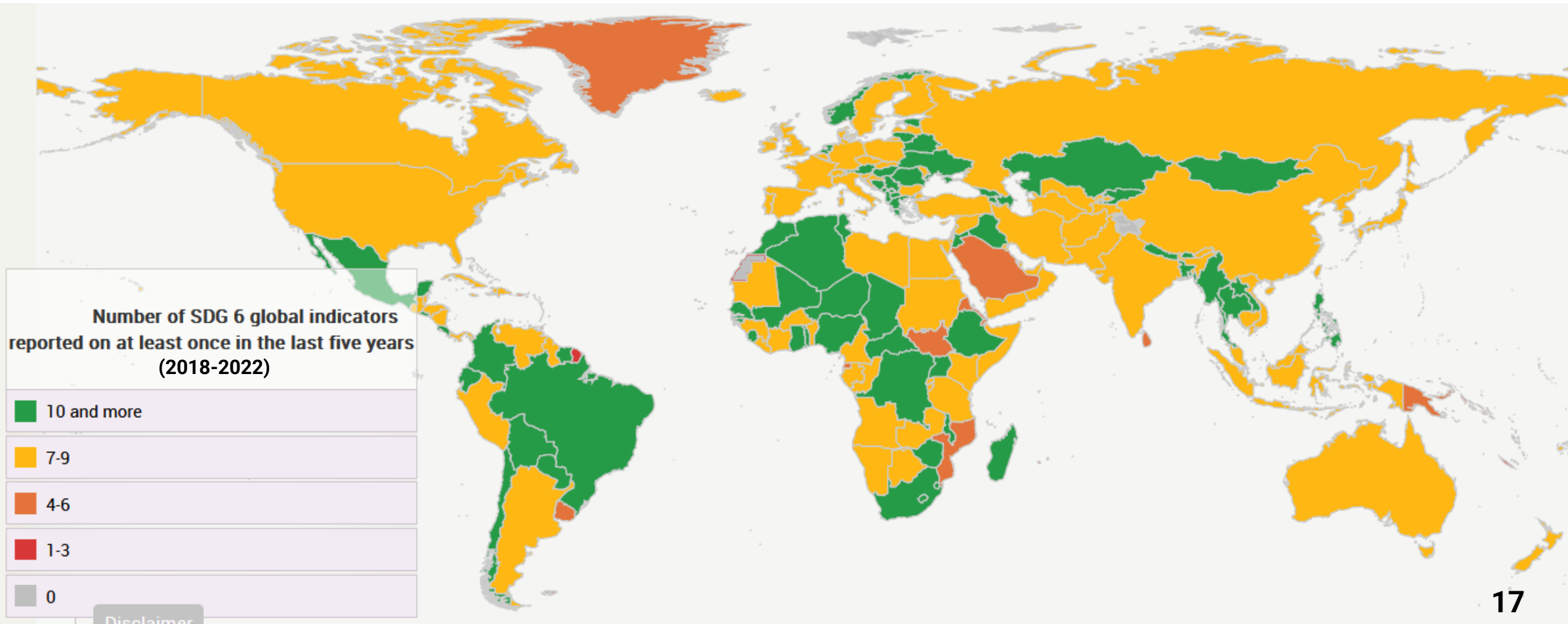
- SDG 6 progress reports 2018 including baselines for 8 indicators
- SDG 6 Synthesis Report 2018

2019/2020 Data Drive (2nd)

- Average UN Member State reporting on 8.2 indicators
- SDG 6 progress reports 2021 including acceleration needs for 5 indicators
- SDG 6 Summary Progress Report in 2021
- SDG 6 Synthesis Report in 2023



SDG 6 data drives to date



2022/2023 Data Drive

Objectives:

- Close data gaps, improve data quality
- Enable analysis of trends and acceleration needs
- Progress reporting in 2024

Stakeholders:

- Technical focal points for indicators 6.3.1, 6.3.2, 6.4.1, 6.4.2, 6.5.1, 6.5.2 and 6.6.1
- Overall focal points for SDG 6 monitoring
- NSO focal points for SDG reporting
- UN custodian agencies/IMI-SDG6 + partners

Process:

March-
April 2023

Data requests to
countries

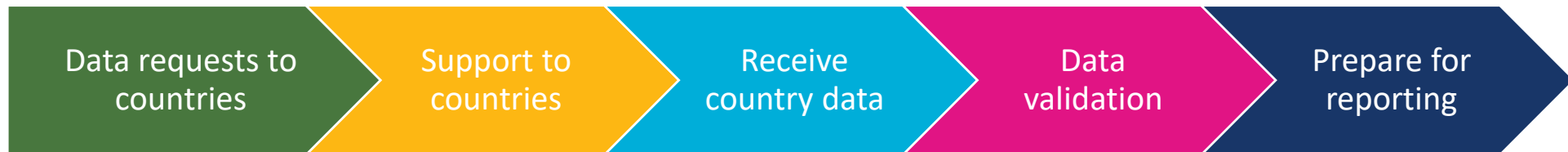
Support to
countries

Receive
country data

Data
validation

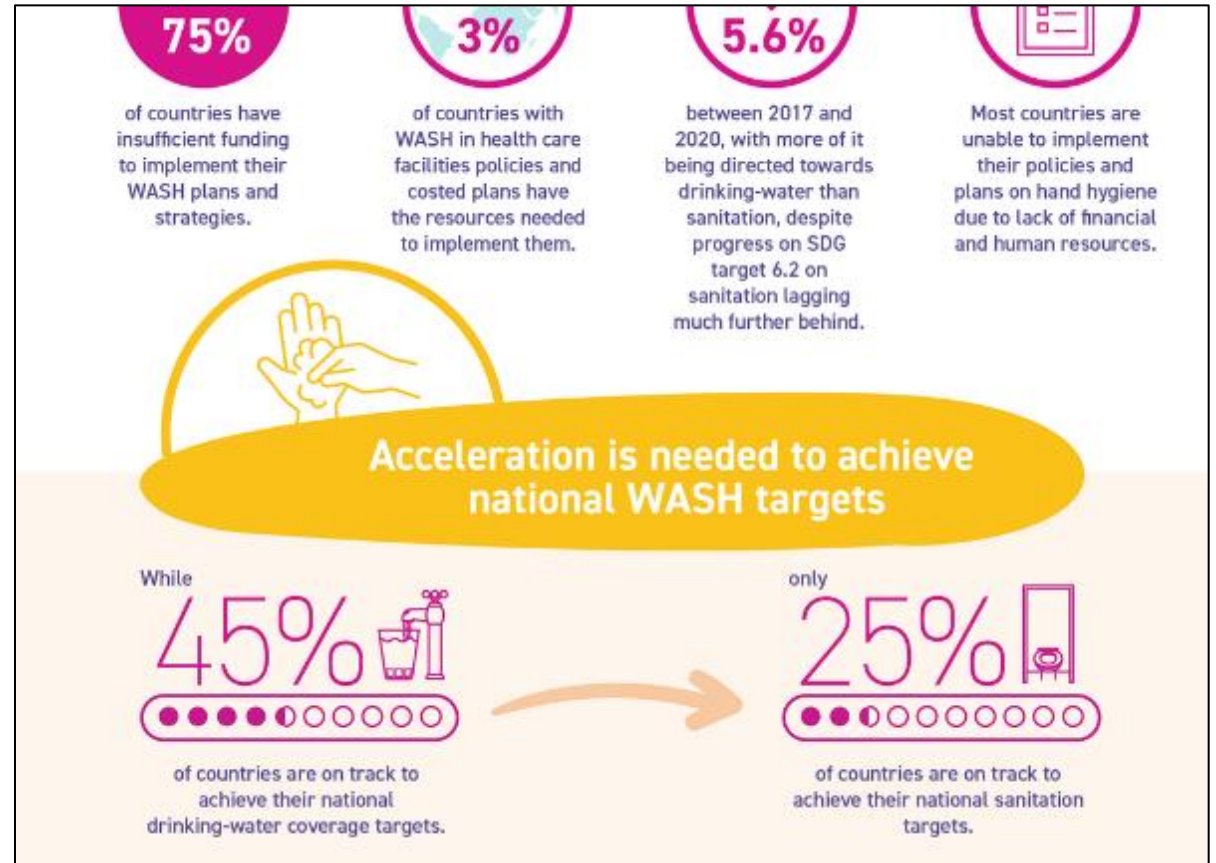
Prepare for
reporting

December
2023



2022/2023 Data Drive

- Data compilation for 6.1.1-6.2.1 (WHO and UNICEF), 6.3.1 domestic (WHO) and 6.a.1-6.b.1 (WHO and OECD) recently concluded
- Updated data on 6.a.1-6.b.1 and 6.3.1 domestic available
- Updated data on 6.1.1-6.2.1 in mid-2023



2022/2023 Data Drive

[Home](#) » [News](#) » 2023 Data Drive

2023 Data Drive

27 March 2023

The 2023 Data Drive is part of the [UN-Water Integrated Monitoring Initiative for Sustainable Development Goal 6 \(IMI-SDG6\)](#): 'Ensure availability and sustainable management of water and sanitation for all'. When countries adopted the SDGs, they committed to report data on SDG indicators to the UN to track progress and ensure accountability.

Credible and timely data are essential to the realization of the SDGs, as they help decision-makers to identify countries, people and sectors that are left behind, and set priorities for increased efforts and investments. The Data Drive involves countries collecting and reporting data on various SDG 6 indicators to multiple UN agencies, coordinated by UN-Water



What is the 2023 Data Drive and why is it happening?

Since the adoption of the SDGs in 2015, there have been at least two rounds of global data compilation for all of the 12 SDG 6 indicators.

Reporting timeline and process

Overview 2022-2024 data compilation process and timeline for SDG 6 global indicators

Support to Countries by SDG 6 Indicator

Indicator 6.1.1 Drinking Water

Indicator 6.2.1 Sanitation and Hygiene

Indicator 6.3.1 Wastewater

Indicator 6.3.2 Water Quality

Indicator 6.4.1 Water Use Efficiency

Country focal points for SDG 6 monitoring



Indicator-specific focal points

- Main point of contact for UN custodian agencies, receives data requests and capacity building support
- Works together with colleagues within and outside their organization to compile data on respective indicator
- Typically these focal points are coming from many different line ministries and institutions

National statistical office (NSO) focal points

- Main point of contact for UN Statistical Division
- Has overall responsibility for SDG reporting on behalf of the country
- Works together with indicator-specific focal points and overall focal points to compile data
- Copied to data requests from UN custodian agencies



Overall focal points

- Main point of contact for IMI-SDG6, receives information about cross-cutting and institutional issues related to SDG 6 monitoring, reporting, analysis and data use
- Works together with indicator-specific focal points and NSO focal points to promote coordination and collaboration across indicators
- Copied to data requests from UN custodian agencies



Recommendation: Organize regular meetings for all focal points to discuss the work, to analyse and use data for integrated policies, planning and management!



Cross-cutting support to countries



- **Joint communication to focal points**, to keep everyone informed about ongoing work across indicators



- **Joint communication to partner organizations** with request for support, to help raise awareness and political support at the country level



- **Letter from UN-Water Chair to Permanent Missions**, to help raise political support



- **Key messages on the value of SDG 6 data**, to help raise political support



- **Previously submitted country data in [SDG 6 Data Portal](#)**

- **Good practices for country monitoring systems**, including on the use of citizen science

- **Focal point database** with password-protected country views

- **Bilateral calls** with overall focal points

- **Country webinars** with all focal points

- **Liaison** between focal points and UN + partner organizations

- **Helpdesk:** monitoring@unwater.org



All focal points will hear from us in May-June 2023

Example focal point database country view

Hide fields Filter Sort ...					Q
[redacted]					
Focal point scope	Focal point status	Job title	Organisation	Email address	
6.3.2	Primary	Deputy Director	Water quality Manage...	[redacted]	
[redacted]					
Focal point scope	Focal point status	Job title	Organisation	Email address	
6.4.1, 6.4.2	Primary	Deputy Director General	National Institute of St...	[redacted]	
[redacted]					
Focal point scope	Focal point status	Job title	Organisation	Email address	
6.4.1, 6.4.2	Supporting	Deputy Director	Economics Statistics D...	[redacted]	
[redacted]					
Focal point scope	Focal point status	Job title	Organisation	Email address	
6.5.1	Primary	Director, Department ...	Ministry of Water Reso...	[redacted]	
[redacted]					
Focal point scope	Focal point status	Job title	Organisation	Email address	
6.5.2	Primary	Deputy Director of Pla...	Planning and Internati...	[redacted]	
Airtable					
Download CSV View larger version					

LINKS

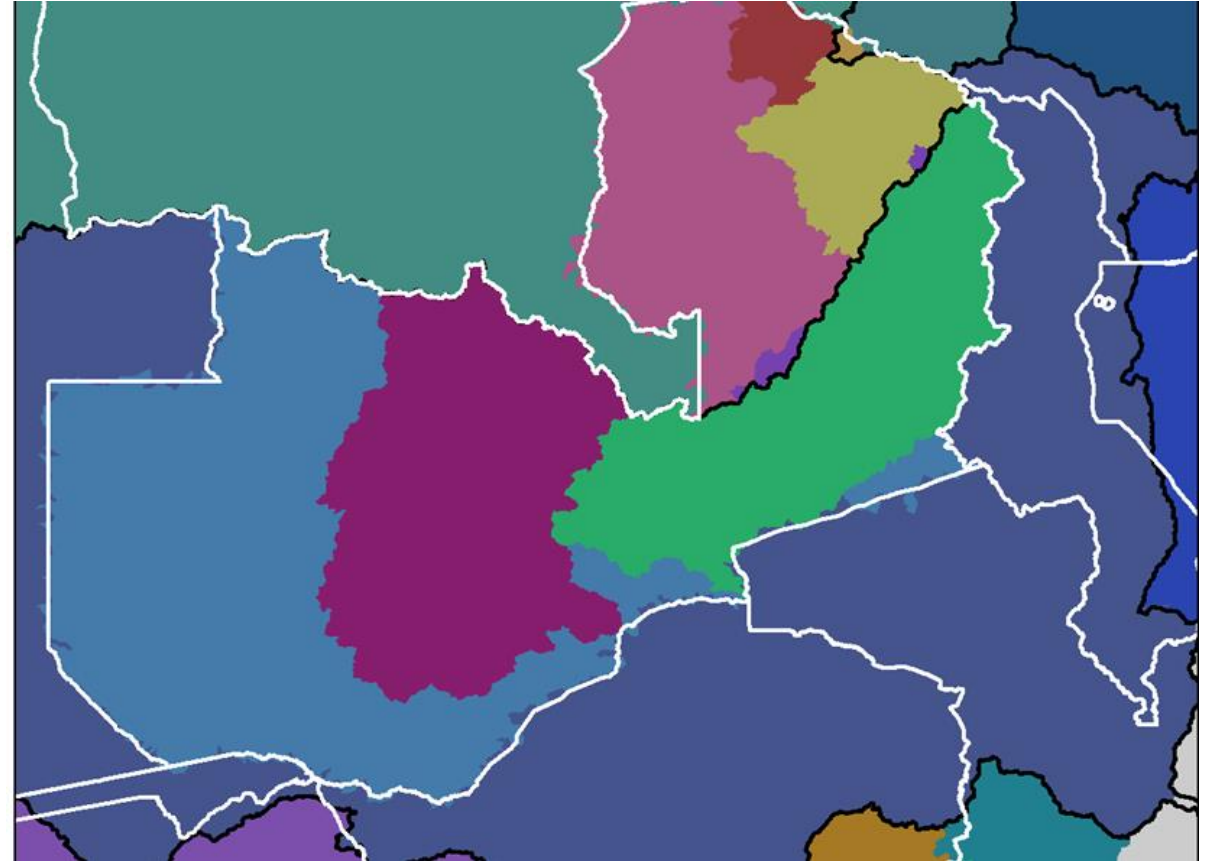
- Learn more about the SDG 6 monitoring and available support at www.sdg6monitoring.org
- See already reported data from your country on www.sdg6data.org

FAQ

- What is the role of a focal point?
- How have the focal points been appointed?
- What is the purpose of the database and who has access?
- How can I use the database?
- What can I do if I find incorrect information? [Email us](#).

Other upcoming activities with country engagement

- Gender contextualization
 - Recommendation of data needs based on policy wants
 - Capacity building support, no reporting
 - Ongoing pilot testing and review
- Water basin disaggregation
 - Data for policy, planning and management
 - Common basin map
 - Pilot approaches and cases under development
- Interlinkages analysis
 - Quantitative and evidence-based
 - Combination of social, economic and environmental data sets



Process and country support by SDG 6 indicator

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WMO



6

CLEAN WATER
AND SANITATION



UN WATER

INTEGRATED MONITORING INITIATIVE FOR SDG 6

SDG 6.3.1

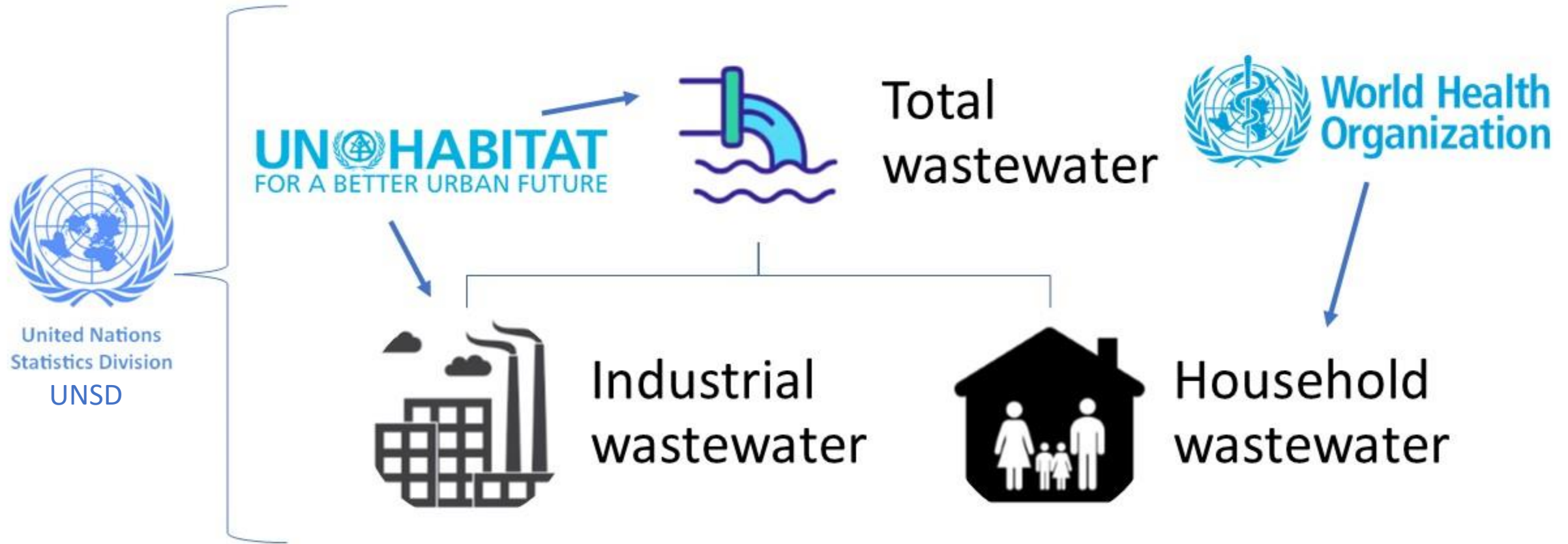
PROPORTION OF WASTEWATER FLOW (SAFELY) TREATED

WORLD HEALTH ORGANIZATION (WHO)

UNITED NATIONS HUMAN SETTLEMENTS PROGRAMME (UN-HABITAT)

UNITED NATIONS STATISTICS DIVISION (UNSD)

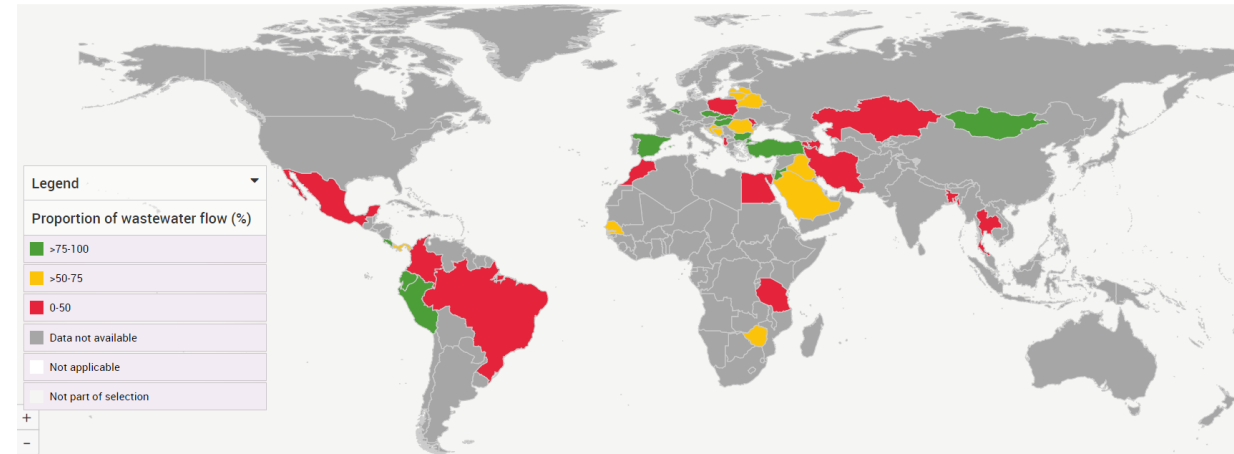
Custodian agencies responsible for SDG 6.3.1 monitoring



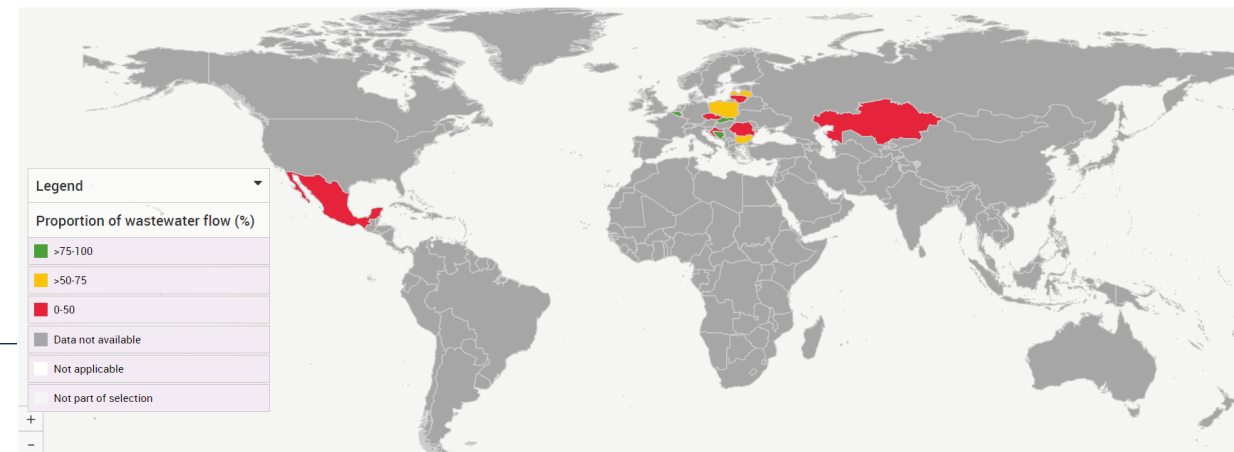
Proportion of total & industrial wastewater flows (safely) treated

- The UNSD/United Nations Environment Programme (UNEP) Questionnaire on Environment Statistics
https://unstats.un.org/unsd/envstats/country_files
- The Organisation for Economic Co-Operation and Development (OECD)/Eurostat Joint Questionnaire on Inland Waters <https://stats.oecd.org/https://ec.europa.eu/eurostat/databrowser>
- The baseline record published in the 2021 6.3.1 progress report showed that in 2015, there was no official information available about the total proportion of wastewater treated for 80% of the world population, and for 95% of the world population regarding the proportion of industrial wastewater treated ☒ Least populated indicator! Need more 2020 data in 2023!

6.3.1 Proportion of wastewater flow (safely) treated > Total > Total



6.3.1 Proportion of wastewater flow (safely) treated > Industrial > Total



6.3.1 reporting process and timeline

Line	Category	Unit	2019	2020	2021	Notes
1	Total wastewater generated - by <u>point sources</u>	Mio m3/year				
2	by:	Mio m3/year				
3	Agriculture, forestry and fishing (NACE/ISIC 01-03)	Mio m3/year				
4	Mining and quarrying (NACE/ISIC 05-09)	Mio m3/year				
5	Manufacturing industries (NACE/ISIC 10-33)	Mio m3/year				
6	Production and distribution of electricity, gas, steam and air conditioning supply (NACE/ISIC 35) - <u>excluding cooling water</u>	Mio m3/year				
7	Water collection, treatment and supply, sewerage, waste management and remediation activities (NACE/ISIC 36-39)	Mio m3/year				
8	Construction (NACE/ISIC 41-43)	Mio m3/year				
9	Other economic activities (<u>services</u>) (NACE/ISIC 45-99)	Mio m3/year				
10	Private households	Mio m3/year				
11	Industrial wastewater generated (NACE/ISIC 05-43) (Lines 3+4+5+6+7)	Mio m3/year				
12	Domestic wastewater generated (Lines 8+9)	Mio m3/year				
13	Total wastewater treated (Lines 13+17+21)	Mio m3/year				
14	Wastewater treated in urban/municipal wastewater treatment plants (Lines 14+15+16)	Mio m3/year				
15	Of which at least:	Mio m3/year				
16	Primary treatment *	Mio m3/year				
17	Secondary treatment *	Mio m3/year				
18	Tertiary treatment *	Mio m3/year				
19	Industrial wastewater: Wastewater treated in "other" treatment plants	Mio m3/year				
20	Of which at least:	Mio m3/year				
21	Primary treatment *	Mio m3/year				
22	Secondary treatment *	Mio m3/year				
23	Tertiary treatment *	Mio m3/year				
24	Wastewater treated in independent treatment facilities (e.g. <u>septic tanks</u>)	Mio m3/year				
25	Non-treated wastewater	Mio m3/year				
26	Sewage sludge production (dry matter)	1000 t				
27	Total wastewater reuse (treated and non treated) (Lines 25+26)	Mio m3/year				
28	Of which non treated	Mio m3/year				
29	Of which treated	Mio m3/year				
30	SDG indicator 6.3.1 "Proportion of total wastewater flow treated" (Lines 12 / Line 29) x 100	%				

- Data extracted from the 3 databases (UNSD/OECD/Eurostat) in summer 2023 (waiting for UNSD country files to be validated)
- **UN Habitat 6.3.1 questionnaire sent to all focal points in March 2023** for non-reporting countries and countries who want to see % 631
- Line ministries, NSOs, regulators
- September – December 2023 → Exploitation of the 2020 data
- → Published in the UNSD SDG indicator database in February 2024
- → Indicator report in summer 2024
- Florian.Thevenon@un.org



UN WATER

INTEGRATED MONITORING INITIATIVE FOR SDG 6

SDG 6.3.2

**PROPORTION OF BODIES OF WATER
WITH GOOD AMBIENT WATER QUALITY**

UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)

6.3.2 reporting process and timeline

Process

- New **SDG Water Quality Hub**
- Countries use available water quality data to calculate indicator
- Complete reporting template
- Upload to Hub
- Real-time review

Timeline

- **April:** requests to report sent out
- **May to September:** queries and support
- **October:** reporting deadline

6.3.2 support available to countries

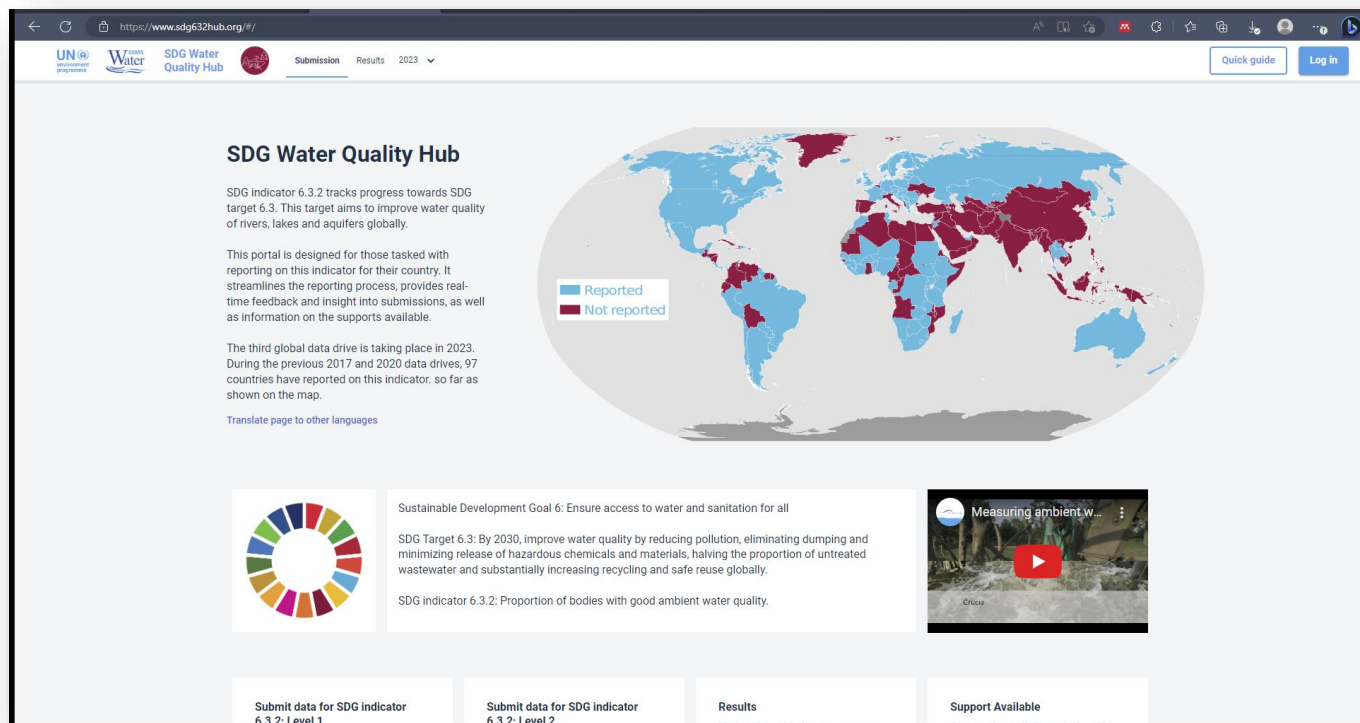
- **SDG 6.3.2 Help Desk** @ sdg632@un.org
- **Support Platform** with translated resources (FR, ES, AR, RU and CN)
- **Services Available**
 - Indicator calculation
 - Ambient water quality target value setting
 - Bilateral calls
 - Regional virtual workshops
- **Capacity Development Courses**

Proposed country process for 6.3.2 reporting including how focal points for other indicators can engage

New SDG Water Quality Hub

- Main target audience is the 6.3.2 Technical Focal Points

- Improving water quality (SDG Target 6.3) has multiple benefits across many SDGs, but requires input from many ministries and sectors to be achieved.
- The Hub provides a central point for engagement both nationally and internationally.



<https://sdg632hub.org/>



UN WATER

INTEGRATED MONITORING INITIATIVE FOR SDG 6

SDG 6.4.1

CHANGE IN WATER-USE EFFICIENCY

OVER TIME

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO)

SDG 6.4.2

**LEVEL OF WATER STRESS: FRESHWATER
WITHDRAWAL AS A PROPORTION OF
AVAILABLE FRESHWATER RESOURCES**

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO)

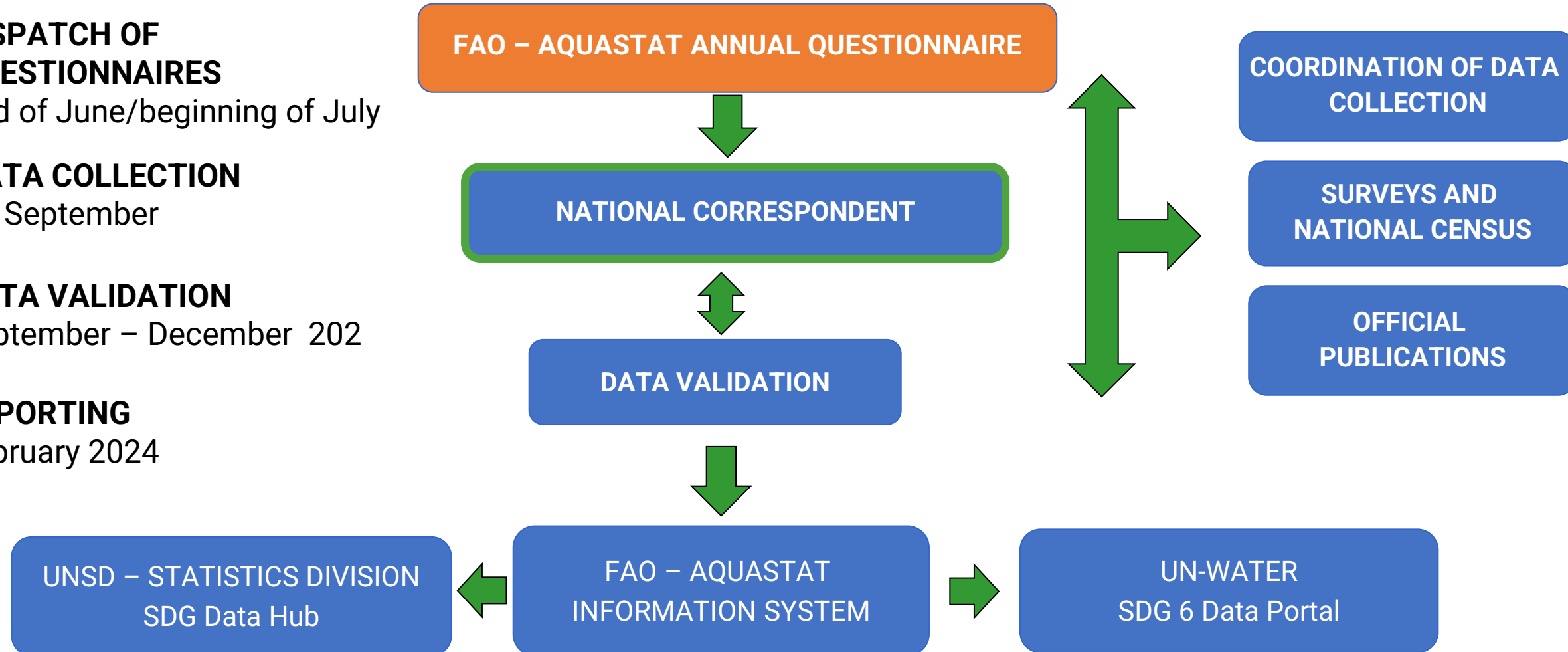
6.4.1 and 6.4.2 reporting process and timeline

DISPATCH OF QUESTIONNAIRES
End of June/beginning of July

DATA COLLECTION
15 September

DATA VALIDATION
September – December 202

REPORTING
February 2024



AQUASTAT – QUESTIONNAIRE

Annual questionnaire (12 SDG variables)

SDG indicators 6.4.1 & 6.4.2

0 Water Resources		Unit	2015	2016	2017
0.1.					
011	Total Renewable Water Resources (Long-term average)	10 ⁹ m ³ /year			
I Water withdrawals					
I.1.	Water withdrawals by sector	Unit	2015	2016	2017
111	Total water withdrawal (1111 + 1112 + 1113)	10 ⁹ m ³ /year			
1111	Agricultural water withdrawal: total (11111 + 11112 + 11113)				
11111	Water withdrawal for irrigation				
11112	Water withdrawal for livestock (watering and cleaning)				
11113	Water withdrawal for aquaculture				
1112	Municipal water withdrawal				
1113	Industrial water withdrawal (incl. water for cooling of thermoelectric plants)				
11131	Water withdrawal for cooling of thermoelectric plants				
112	Environmental flow requirements (stable over time)				
I.2.	Water withdrawals by source	Unit	2015	2016	2017
121	Total surface water and groundwater withdrawal (freshwater) (1211 + 1212)	10 ⁹ m ³ /year			
1211	Surface water withdrawal				
1212	Groundwater withdrawal				
122	Desalinated water produced				
123	Direct use of treated municipal wastewater				
124	Direct use of agricultural drainage water				
II Municipal wastewater		Unit	2015	2016	2017
21	Produced municipal wastewater	10 ⁹ m ³ /year			
22	Collected municipal wastewater				
23	Treated municipal wastewater				
III Irrigation and drainage		Unit	2015	2016	2017
III.1.	Area under agricultural water management				
311	Total agricultural water managed area (3111 + 3112 + 3113)	1000 ha			
3111	Area equipped for irrigation: total (31112 + 31113 + 31114)				
31111	Area equipped for irrigation: part actually irrigated				
31112	Area equipped for full control irrigation: total (311122 + 3111232 + 311124)				
311121	Area equipped for full control irrigation: part actually irrigated				
311122	Area equipped for full control irrigation: surface irrigation				
311123	Area equipped for full control irrigation: sprinkler irrigation				
311124	Area equipped for full control irrigation: localized irrigation				
31113	Area equipped for irrigation: equipped lowland areas				
31114	Area equipped for irrigation: spate irrigation				
3112	Cultivated wetlands and inland valley bottoms non-equipped				
3113	Flood recession cropping area non-equipped				
III.2.	Irrigated production				
321	Total harvested irrigated crop area (full control irrigation only)	1000 ha			
III.3.	Drainage				
331	Area equipped for irrigation drained	1000 ha			

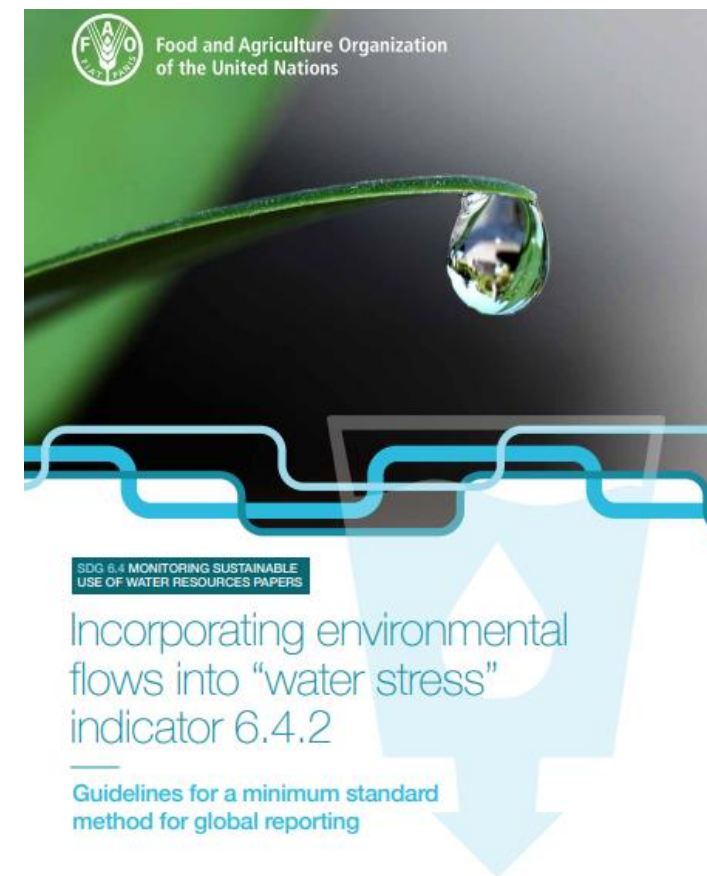
AQUASTAT – QUESTIONNAIRE SDG 6.4 calculators

- Automatically filled in from data compiled in “National data” worksheet

IRRIGATED AGRICULTURE WATER USE EFFICIENCY (Awe)		UNIT	CALCULATION RULES
Ratio between rainfed and irrigated yields	[1] 0.461	decimals	AQUASTAT data (below) used if no data is entered
Proportion of irrigated land on the total arable land (Ai)	[2] 0.125	decimals	= [3]/[4]
Irrigated land	[3] 5800	1000 ha	
Cultivated land	[4] 46378	1000 ha	
Proportion of agricultural GVA produced by rainfed agriculture (Cr)	[5] 0.763	decimals	= (1/[1]*([2]/([1-[2]]*1))))
Gross value added by agriculture (excluding river and marine fisheries and forestry)	[7] 30304481325	USD (2015 price)	
Volume of water used by the agricultural sector (including irrigation, livestock and aquaculture)	[6] 3.500	km³	
Irrigated Agriculture Water Use Efficiency	[8] 2.049	USD/m³	= ([7]*[1-[5]])/([6]*1000000000)
MIMEC WATER USE EFFICIENCY (Mwe)			
Gross value added by MIMEC sector (including energy)	[9] 278000000000	USD (2015 price)	
Volume of water used by the MIMEC sector (including energy)	[10] 0.500	km³	
MIMEC sector Water Use Efficiency	[11] 556.000	USD/m³	= [9]/([10]*1000000000)

6.4.1 and 6.4.2 support available to countries

- Helpdesk available at Aquastat@fao.org
- Methodological guidelines
 - Step-by-step methodology (EN | AR | ES | FR | PT)
<https://www.fao.org/3/ca8483en/ca8483en.pdf>
 - Incorporating environmental flows into “water stress” indicator 6.4.2 (EN | FR)
<https://www.fao.org/3/ca3097en/ca3097en.pdf>



6.4.1 and 6.4.2 support available to countries

- Webinars and face-to-face country workshops
- On-line courses for SDG 6.4.1 and SDG 6.4.2



SDG Indicator 6.4.2 - Level of water stress



CERTIFIED COURSE

[f Share](#) [t Tweet](#) [in Share](#) [E-mail](#)

This course provides tools, methods and processes to support countries in monitoring and reporting on SDG Indicator 6.4.2 "Level of water stress: freshwater withdrawal in percentage of available freshwater resources".



Audience



You will learn about



Released in: FEBRUARY 2018

2 h 30 m of learning

THEMATIC AREA: Sustainable Development Goal Indicators, Soils and water management

This course is available in Spanish, French, Portuguese, Russian

 Access course



SDG Indicator 6.4.1 - Change in water-use efficiency over time

CERTIFIED COURSE

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The course provides guidance on the rationale and the main characteristics of Indicator 6.4.1, and on how to compute the two dimensions constituting the indicator: the hydrologic and the economic component. It also highlights possible challenges related to data availability, and the impact that monitoring results may have on national decision-making and identification of development policies.

Audience



You will learn about



Course structure



Released in: AUGUST 2019

2 h of learning

THEMATIC AREA: Sustainable Development Goal indicators, Soils and water management

This course is available in Arabic, Spanish, French, Portuguese, Russian

<https://elearning.fao.org/course/view.php?id=365&lang=en>

<https://elearning.fao.org/course/view.php?id=475>

6.4.1 and 6.4.2 support available to countries

- On-line courses for SDG 6.4.1 and SDG 6.4.2
Assessing the Environmental Flow Requirement for SDG 6.4.2 indicator



Assessing the Environmental Flow Requirement for SDG Indicator 6.4.2

Certificate courses

RegistrationStep 0. Have you already created an account to access IHE Delft Open...



IHE-Delft Open Education <https://ocw.un-ihe.org>

Proposed country process for 6.4.1 and 6.4.2 reporting including how focal points for other indicators can engage

- Response rate around 40 %, there is room for improving data quality
- AQUASTAT national correspondent to coordinate data collection
- SDG 6.4.1 and 6.4.2 data available in different Ministers and institutions
- Engage with FAO (questions, advice, support)

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SDG6-GEMI-FAO@fao.org

SDG 6.5.1

**DEGREE OF INTEGRATED WATER
RESOURCES MANAGEMENT
IMPLEMENTATION (0-100)**

UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)

6.5.1 reporting process and timeline

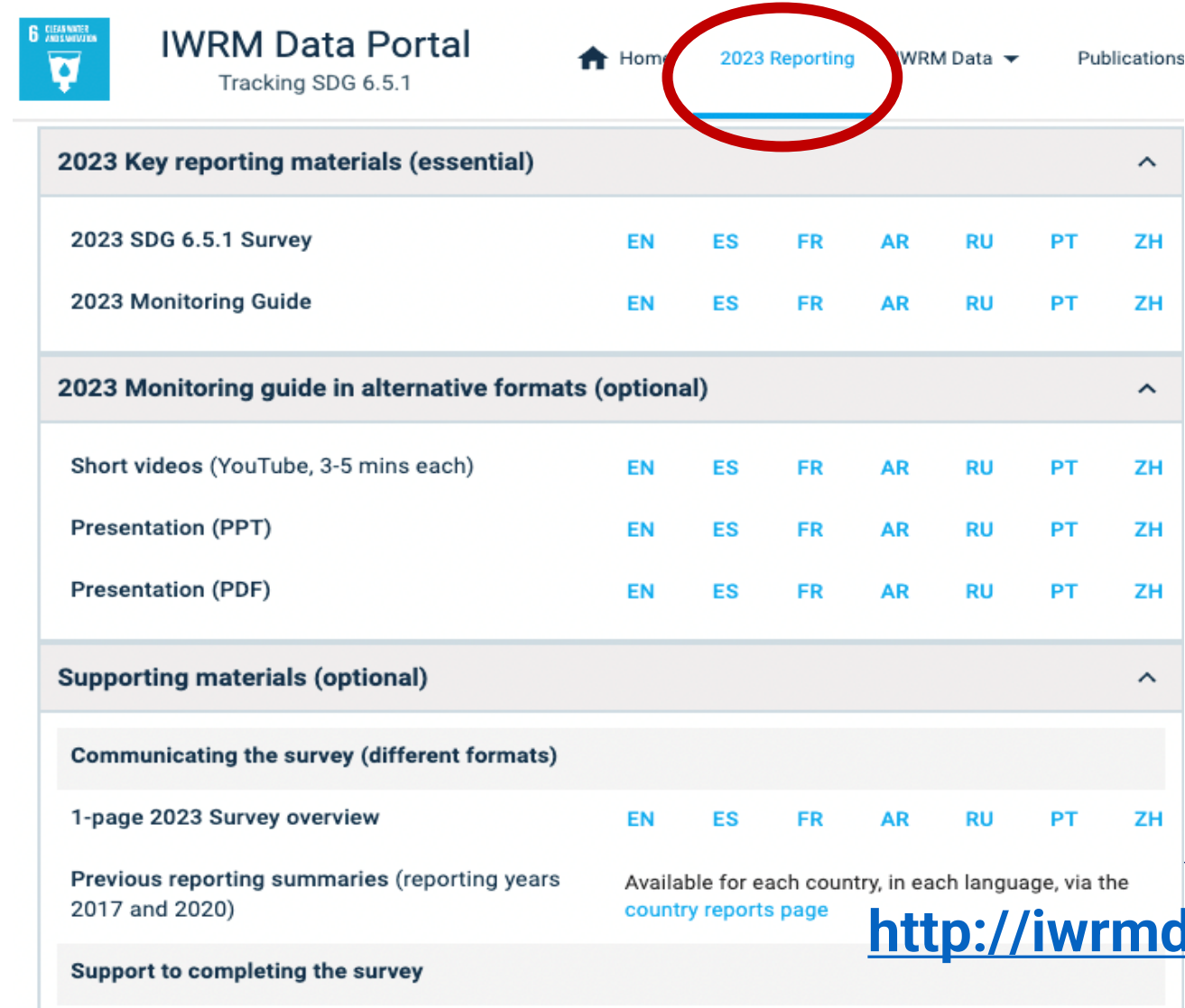
Process

- **IWRM Survey**
(30 questions covering 4 dimensions of IWRM)
- **Multi-stakeholder consultation**

Timeline

- **Mid-April:** rollout
(> 155 countries so far)
- **Apr-Sep:** consultation processes to complete survey
(deadline 1st Oct)
- **Oct-Nov:** QA & finalisation

6.5.1 support available to countries (1/2)



The screenshot shows the IWRM Data Portal interface. The header includes the UN logo, the text 'IWRM Data Portal Tracking SDG 6.5.1', and navigation links: Home, 2023 Reporting (circled in red), IWRM Data, and Publications. The main content area is divided into sections for 2023 key reporting materials, monitoring guides in alternative formats, and supporting materials. Each section lists various resources with links in multiple languages (EN, ES, FR, AR, RU, PT, ZH).

2023 Key reporting materials (essential)							
2023 SDG 6.5.1 Survey	EN	ES	FR	AR	RU	PT	ZH
2023 Monitoring Guide	EN	ES	FR	AR	RU	PT	ZH

2023 Monitoring guide in alternative formats (optional)							
Short videos (YouTube, 3-5 mins each)	EN	ES	FR	AR	RU	PT	ZH
Presentation (PPT)	EN	ES	FR	AR	RU	PT	ZH
Presentation (PDF)	EN	ES	FR	AR	RU	PT	ZH

Supporting materials (optional)							
Communicating the survey (different formats)							
1-page 2023 Survey overview	EN	ES	FR	AR	RU	PT	ZH
Previous reporting summaries (reporting years 2017 and 2020)	Available for each country, in each language, via the country reports page						
Support to completing the survey							

IWRM Data Portal

- **Main materials:** Survey & Monitoring Guide
- **Help Desk:** iwrmsdg651@un.org
- **Optional Supporting Materials:**
 - Stakeholder Consultation Manual
 - Facilitator / FP training course
 - Videos
 - Gender Checklist
 - Online IWRM Survey Tool

<http://iwrmdataportal.unepdhi.org/reportingmaterials>

6.5.1 support available to countries (2/2)

- **Financial assistance** to engage 'Facilitator', conduct consultations (60 countries, 40 applied so far!)
- **Technical guidance** available to all countries (e.g. Support Package)
- **Regional webinars** available on request
- Find out more on sdg6iwrmsp@gwp.org and www.gwp.org/en/sdg6support/



SDG 6
IWRM
SUPPORT
PROGRAMME

Proposed country process for 6.5.1 reporting including how focal points for other indicators can engage

- IWRM survey covers all aspects of water resources management: **relevant for all SDG 6 indicator focal points and beyond!**
- **Participation in consultation process:**
 - Written inputs
 - Online/in-person consultations
 - Input to all questions or some
- We encourage **651 focal points to invite all indicator focal points** to provide input, coordinated by the Overall Focal Point as relevant

The background of the slide is a scenic landscape photograph. It features a calm, deep blue lake in the foreground, with a long, straight bridge crossing it. The bridge has a central section supported by a small island. In the background, there are dark, forested mountains under a cloudy sky. The overall tone is somewhat muted and atmospheric.

6

CLEAN WATER
AND SANITATION



UN WATER

INTEGRATED MONITORING INITIATIVE FOR SDG 6

SDG 6.5.2

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

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE (UNECE)

UNITED NATIONS EDUCATIONAL, SCIENTIFIC AND CULTURAL ORGANIZATION (UNESCO)

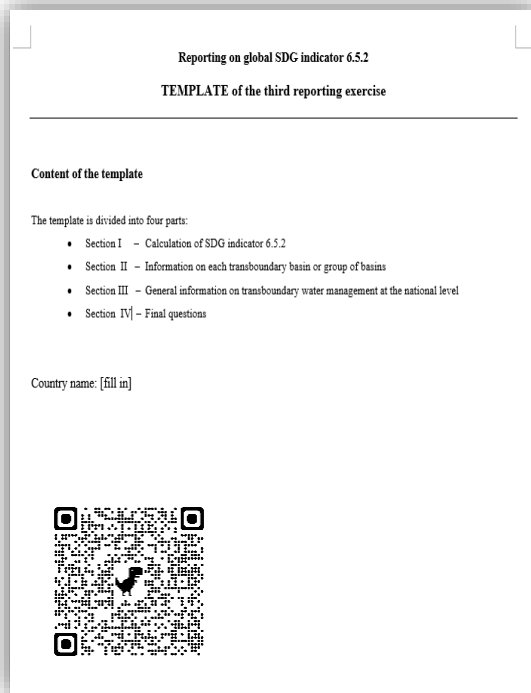
6.5.2 reporting process and timeline

- **Data collection by 30 June 2023**
 - Invitations and joint letter sent to ministers responsible for transboundary waters
 - Data clarification, validation and analysis during 2023 - early 2024
- **In support of countries' reporting efforts**
 - Helpdesk maintained by UNECE & UNESCO
 - Global/regional webinars and workshops online and on-site (global webinars in April, LAC webinars April/May, Arab countries May + upon requests)
 - Targeted online follow-up at sub-regional level
- Improve **coordination** of the reports at river, lake or aquifer levels
- Use the reports as a **basis for dialogue** to improve cooperation
- Incentivize the **use of the information for future planning**

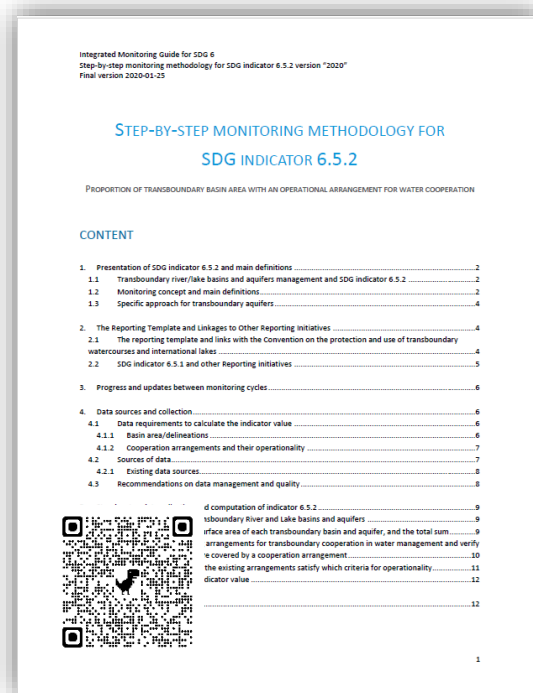


6.5.2 support available to countries

New!



Template for the 3rd 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



Opportunities to coordinate with neighboring countries when completing the national report

Proposed country process for 6.5.2 reporting including how focal points for other indicators can engage

- **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, sources of information**, engagement of **NSOs, 6.5.1 reporting focal points**
- Build on **previous reports**, indicate links to more general information, such as web pages of commissions, projects
- Interact with **custodian agencies** (advice, questions, draft report)
 - Consider submitting the **draft of the report** to UNECE or UNESCO for comments before formal submission



Thank you for listening!

Helpdesk:



UNECE:
transboundary_water_cooperation_reporting@un.org



UNESCO:
transboundary_water_cooperation_reporting@unesco.org

Further information on indicator 6.5.2:

UNECE



UNESCO



Reporting on global SDG indicator 6.5.2
TEMPLATE of the third reporting exercise

Content of the template

The template is divided into four parts:

- Section I – Calculation of SDG indicator 6.5.2
- Section II – Information on each transboundary basin or group of basins
- Section III – General information on transboundary water management at the national level
- Section IV – Final questions

Country name: [fill in]

**Deadline for
report submission:
30 June 2023**



[@UNECE_Water](#) / [@UNESCOWater](#)



[@UNECEWater](#) / [@UNESCO](#)



[@UNECEWater](#) / [@UNESCO](#)



UN WATER

INTEGRATED MONITORING INITIATIVE FOR SDG 6

SDG 6.6.1

CHANGE IN THE EXTENT OF WATER-RELATED ECOSYSTEMS OVER TIME

UNITED NATIONS ENVIRONMENT PROGRAMME (UNEP)

6.6.1 reporting process and timeline

Process

- **Communicate** national freshwater change statistics – derived from satellite data - with all country FPs for approval
- **Respond** to country queries across sub-indicators (surface water, wetlands, mangroves, lake water quality)
- **Consolidate** national data approvals

Timeline

- **May:** send out national freshwater change statistics to all countries
- **May-June:** engage countries via UNEP SDG661 helpdesk team and address any questions
- **July:** conclude national data approval process

6.6.1 support available to countries

- **Freshwater Ecosystem Explorer** www.sdg661.app an online interactive geo-spatial data portal displaying freshwater change statistics for all countries at national and river basin scales. Advance country analysis available to observe monthly and yearly changes to freshwater
- **SDG 661 helpdesk:** sdg661@un.org
- **Supporting Materials:**
 - Full suite of multi-indicator statistical data across last 22 years. Graphs, graphics and spatial files.
 - Country training on use of the Freshwater Explorer (upon request)
 - Methodologies per sub-indicator
 - Interactive analysis and story maps



Questions and answers

Kick-off webinar 2023 Data Drive
Tuesday 2 May 2023



Food and Agriculture
Organization of the
United Nations



UNECE



UN
environment
programme



unesco
United Nations
Educational, Scientific
and Cultural Organization

UN HABITAT



unicef



**World Health
Organization**



WMO