



UN WATER

INTEGRATED MONITORING
INITIATIVE FOR SDG 6

Status of SDG 6 in Central Asia and Europe Challenges and way forward

Issue-based Coalition on Environment and Climate Change
Workshop 2023

12-14 September 2023, Istanbul (Türkiye)



Food and Agriculture
Organization of the
United Nations



UN
environment
programme



UN
HABITAT

unicef



World Health
Organization





UN WATER

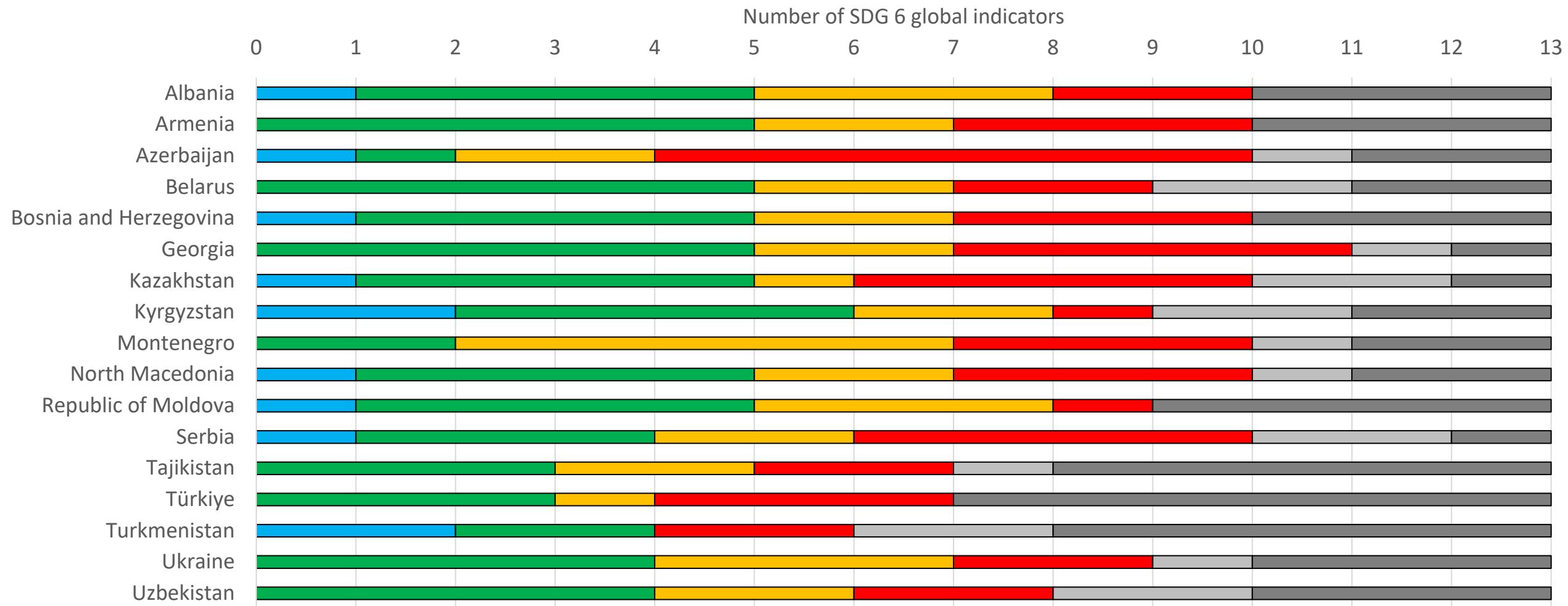
INTEGRATED MONITORING INITIATIVE FOR SDG 6



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

Summary progress on SDG 6 global indicators (SDG baseline compared to latest status)

■ Global target achieved ■ Positive trend ■ No change ■ Negative trend ■ No trend data ■ No data



Summary key challenges in the region



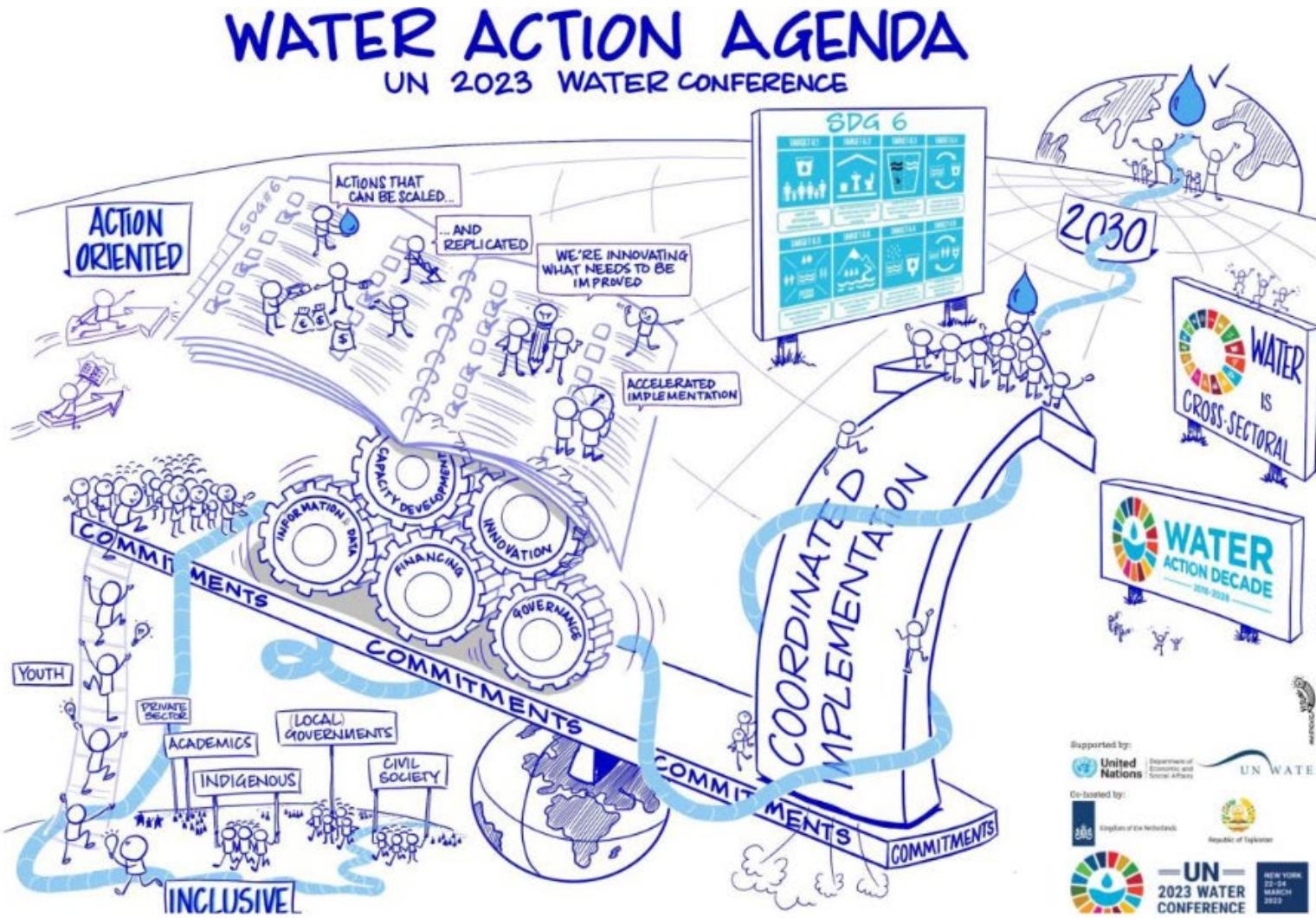
- Low coverage of safely managed sanitation
- Lack of data on wastewater treatment and water quality in most countries, low levels of domestic wastewater treatment
- Increasingly high and critical levels of water stress in Central Asia
- Low levels of water-use efficiency in most countries



- Low levels of integrated water resources management
- Weak transboundary cooperation; lack of data and agreements on groundwater
- More and more water basins affected by changes such as floods and draught
- Low levels of participation in water and sanitation decision-making in half of the countries



UN 2023 Water Conference + Water Action Agenda



- Milestone Conference in March 2023
- Water Action Agenda of 800+ voluntary commitments
- New UNGA resolution, adopted on 1 September 2023

UN-Water SDG 6 Synthesis Report 2023

Main messages

- **Pour in more funds** and use existing finances more efficiently and effectively, through better enabling environments and reformed global development finance architecture. 
- **Fill the data gaps** to enhance decision-making and reduce inequalities, by strengthening national statistical systems, combining data sets from all stakeholders and promoting novel technologies and standardization. 
- **Invest in the workforce** to attract, train and retain workers, especially women and youth, through collaboration between education and employers and national assessments to determine skills for emerging technologies. 
- **Boost innovation** through supportive policies and customizing innovations to local contexts 
- **Maximize cooperation** across sectors and national borders, to make management effective and support social cohesion and international peace 

Blueprint for Acceleration: SDG 6 Synthesis Report 2023

Opportunities moving forward

- **UN-Water country-level and regional-level engagement** in support of UN Country Teams
 - UN-Water can provide technical assistance to UN Country Teams as needed
 - No duplication of existing coordination structures at regional and country levels
- **UN system-wide strategy for water and sanitation** to be developed by end of 78th UNGA session
 - Strengthening the UN reform
 - Building on the SDG 6 Global Acceleration Framework (launched by the UNSG in July 2020)
 - The UN system-wide strategy will provide an overarching umbrella for joint programmes at all levels!

Resources

- [SDG 6 Data Portal](#)
- [SDG 6 Progress Reports](#)
- [United Nations World Water Development Report](#)
- [Analytical Briefs](#) (e.g., on water-use efficiency and unconventional resources)
- [Interlinkages across the 2030 Agenda](#)
- [SDG 6 Global Acceleration Framework](#)
- [Blueprint for Acceleration: SDG 6 Synthesis Report 2023](#)
- [Policy Briefs](#) (e.g., on climate change and water security)
- [SDG 6 Country Acceleration Case Studies](#)
- [SDG 6 Country Acceleration Snapshots](#)



Thank you!

Federico Properzi, Chief Technical Adviser, UN-Water



Food and Agriculture
Organization of the
United Nations



UN environment
programme



UNHABITAT

unicef

World Health
Organization

9
WMO

Annex

Regional and global status of SDG 6

Latest update: July 2023



Food and Agriculture
Organization of the
United Nations



UN
environment
programme



UN
HABITAT



unicef



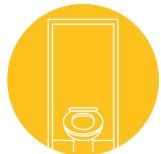
World Health
Organization



10

Summary status on SDG 6 global indicators (latest data from 2019-2022) (1)

SDG 6 indicator	6.1.1	6.2.1a	6.2.1b	6.3.1d	6.3.1i	6.3.2
	Access safe drinking water	Access safe sanitation	Access handwashing facility	Treatment domestic wastewater	Treatment industrial wastewater	Good water quality
Unit	% population	% population	% population	% wastewater flow	% wastewater flow	% basins
Albania	71	56	?	19	?	?
Armenia	82	11	94	1	?	?
Azerbaijan	72	69	89	41	?	?
Belarus	93	75	?	80	?	89
Bosnia and Herzegovina	87	55	97	65	?	31
Georgia	69	24	92	49	?	92
Kazakhstan	89	?	99	36	0	64
Kyrgyzstan	76	93	100	19	?	?
Montenegro	85	57	99	55	?	88
North Macedonia	80	12	100	5	?	70
Republic of Moldova	75	?	87	46	?	?
Serbia	75	25	98	36	?	83
Tajikistan	55	?	73	?	?	?
Türkiye	?	79	?	65	?	?
Turkmenistan	95	?	100	?	?	?
Ukraine	88	72	?	50	?	?
Uzbekistan	80	75	82	?	?	?

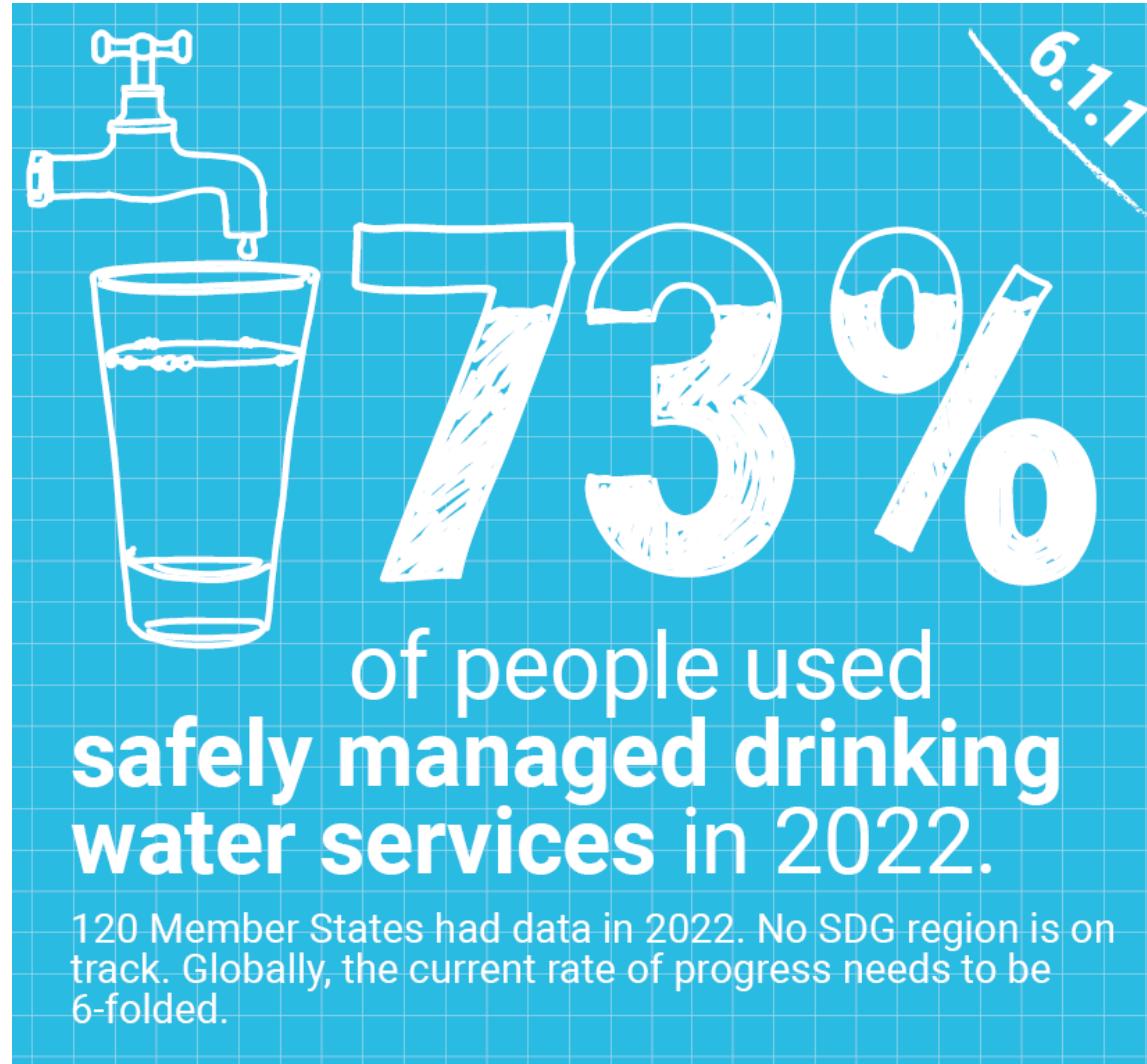


Summary status on SDG 6 global indicators (latest data from 2019-2022) (2)

SDG 6 indicator	6.4.1	6.4.2	6.5.1	6.5.2	6.6.1	6.a.1	6.b.1
	Water-use efficiency	Water stress (use vs. renewable resources)	Integrated resources management	Transboundary cooperation	Ecosystem change	International cooperation	High local participation
Unit	USD/m ³	%	% implementation	% transboundary basins	% basins	Million USD	# subsectors/settings
Albania	12	5	47	54	11	48	6
Armenia	3.5	57	52	11	33	22	?
Azerbaijan	3.6	56	57	22	18	6	6
Belarus	35	4	54	67	6	1	1
Bosnia and Herzegovina	?	?	53	93	0	22	6
Georgia	8.3	5	44	0	13	37	1
Kazakhstan	7.4	34	46	63	33	0	6
Kyrgyzstan	0.86	50	31	27	24	70	6
Montenegro	19	?	35	67	20	10	0
North Macedonia	18	39	33	13	0	26	?
Republic of Moldova	8.5	13	46	100	0	7	?
Serbia	6.5	6	36	90	21	45	6
Tajikistan	1.0	70	46	?	6	103	0
Türkiye	14	46	72	?	40	63	?
Turkmenistan	1.2	135	64	66 (SW)	25	0	6
Ukraine	7.6	12	39	61	1	25	0
Uzbekistan	1.6	169	48	70	26	127	1



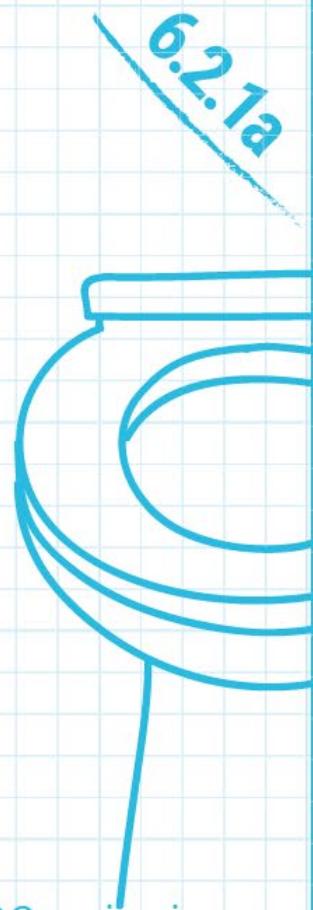
SDG 6.1 DRINKING WATER



SDG 6.2 SANITATION AND HYGIENE

57%

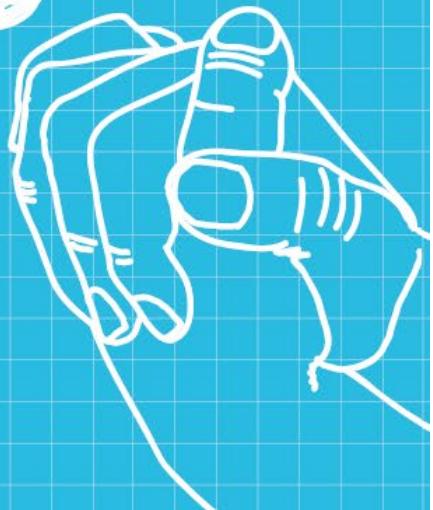
of people used
safely managed
sanitation services
in 2022.



125 Member States had data in 2022. No SDG region is on track. Globally, the current rate of progress needs to be 5-folded.

75%

of people had a
handwashing
facility at home
in 2022.



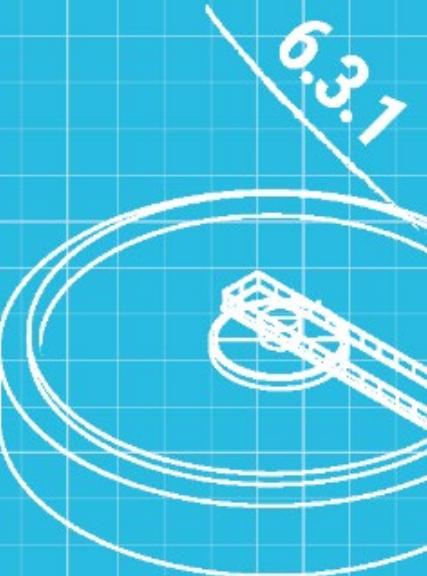
81 Member States had data in 2022. Globally,
the current rate of progress needs to be tripled.

SDG 6.3 WASTEWATER AND WATER QUALITY

500%

of domestic
wastewater was
safely treated in 2022.

129 Member States had data on domestic wastewater in 2022, whereas few report on total and industrial wastewater.



6.3.1

600%

of **monitored water bodies**
have good ambient water
quality.

95 countries had data in 2020, but often based on few
measurements and not covering all water bodies.



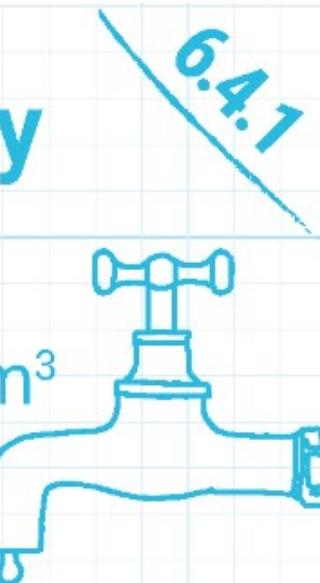
6.3.2

SDG 6.4 WATER USE AND SCARCITY

Water-use efficiency
has increased by

9%

to 19 USD/m³
between
2015 and
2020.



6.4.1

168 countries had data in 2020. Most reporting countries and all economic sectors have improved.

18%

of **available water resources**
are being withdrawn, with
extreme disparities.

6.4.2

178 countries had data in 2020. Extremely high water stress within North America and Western Asia regions.

SDG 6.5 WATER RESOURCES MANAGEMENT

The global average level of **integrated water resources management** implementation is

54%

186 countries had data in 2020. 5 SDG regions are off track. Globally, the current rate of progress needs to be doubled.

6.5.1

6.5.1

24



countries

have all their **transboundary basin area** covered by operational arrangements.

6.5.2

24

countries

have all their **transboundary basin area** covered by operational arrangements.

102 countries had data in 2020, of 153 that share transboundary waters. Only North America and Europe is on track.

SDG 6.6 FRESHWATER ECOSYSTEMS

There are high surface
water extent changes in

21%
of water basins.



185 countries have data. All SDG regions are affected.

SDG 6.A INTERNATIONAL COOPERATION

Water- and sanitation-related
official development
assistance has decreased by

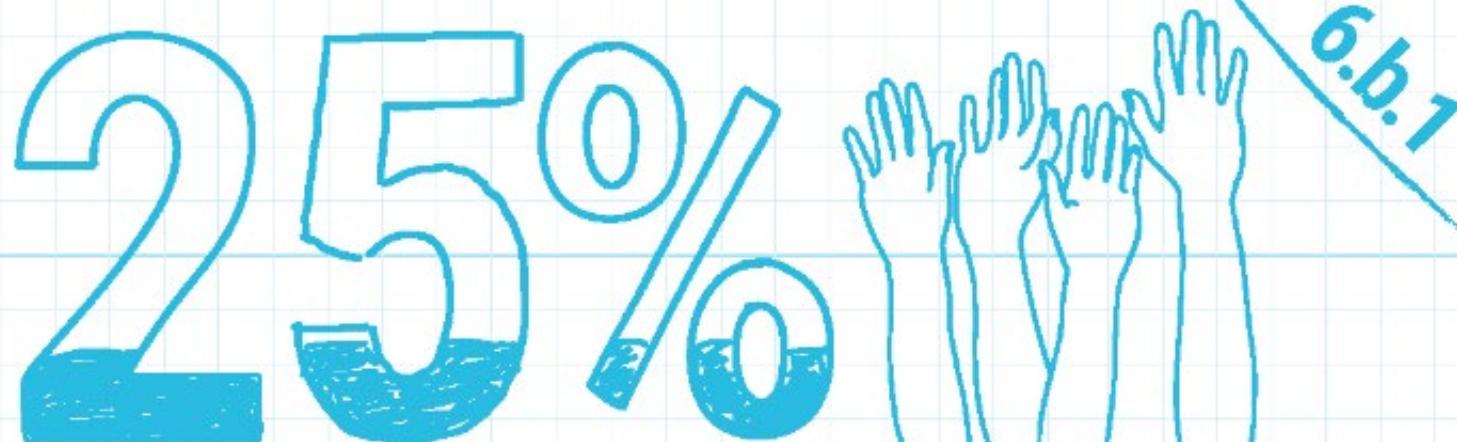
15%

to US\$7.8
billion
between
2015 and
2021.



Data from 144 countries that are eligible for official development aid. Increases for WASH and decreases for other water sectors.

SDG 6.B LOCAL PARTICIPATION



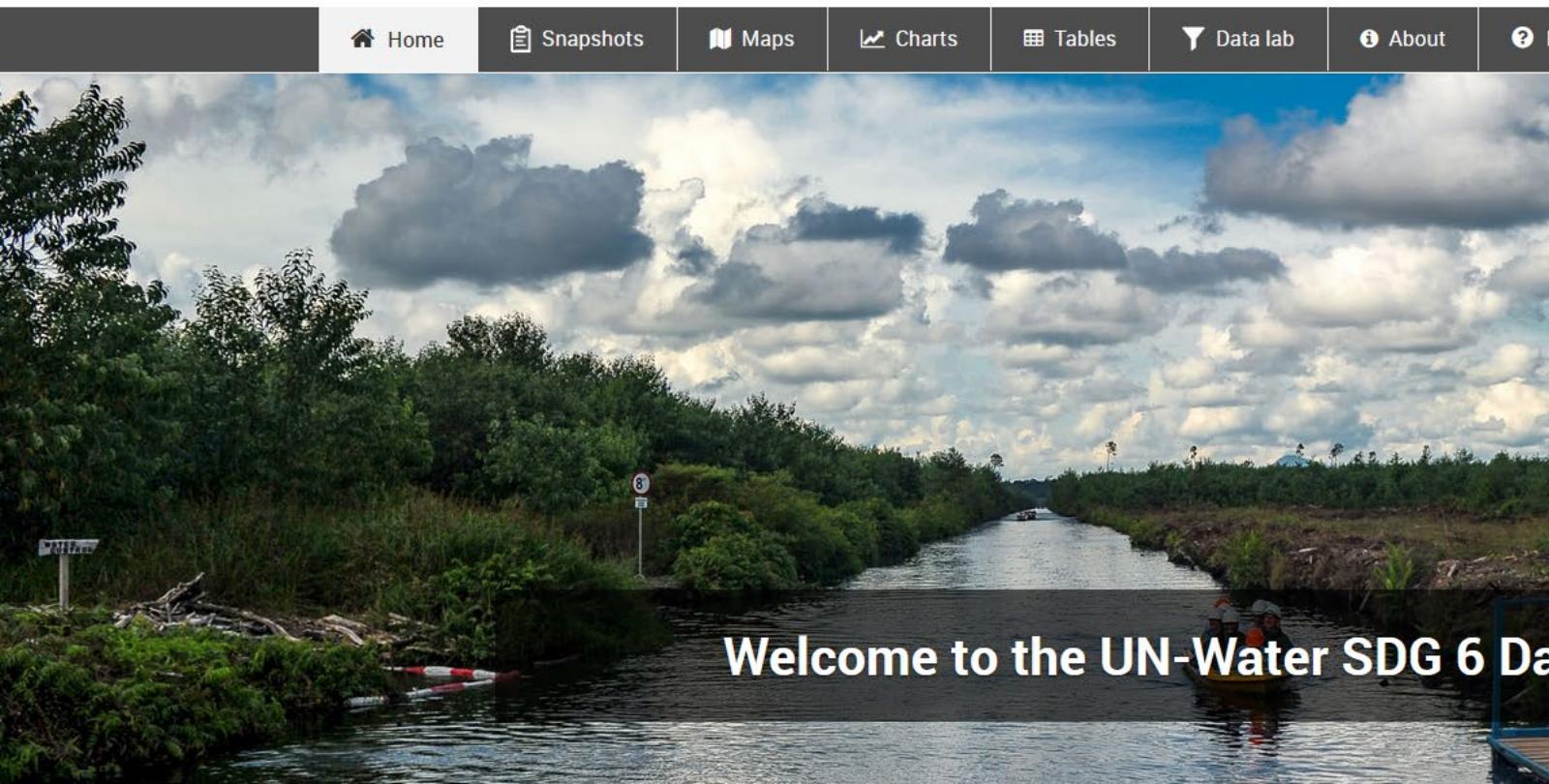
25% of countries report high participation by communities in **planning and management for rural drinking-water and water resources management**.

of countries report high participation by communities in **planning and management for rural drinking-water and water resources management**.

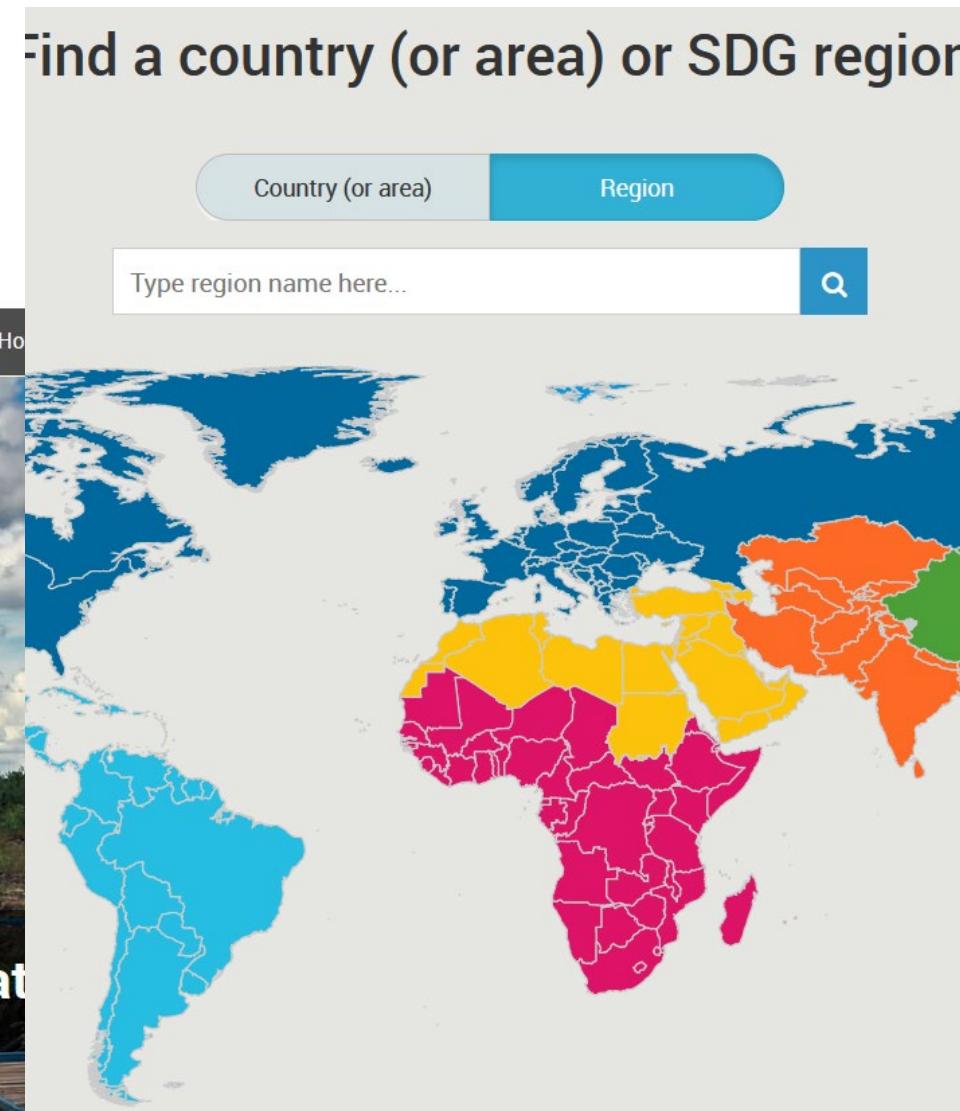
117 countries had data in 2021. Six of 10 countries have less than 50% of financial resources needed.

Explore national, regional and global data

All data and links to sources available on <https://www.sdg6data.org/en>

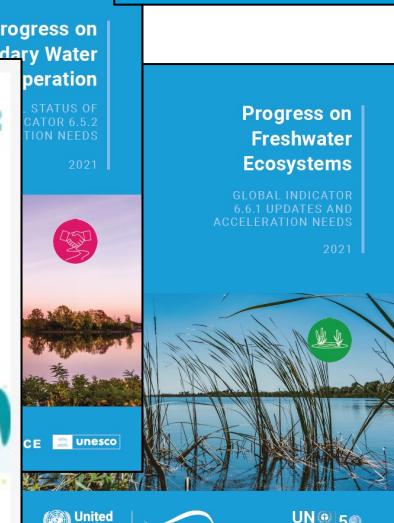
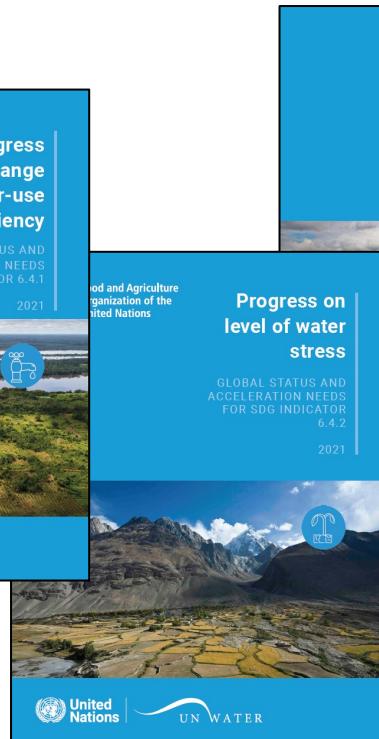
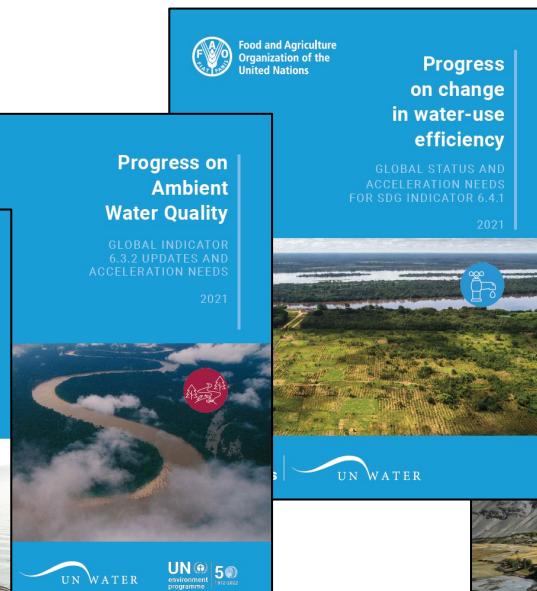
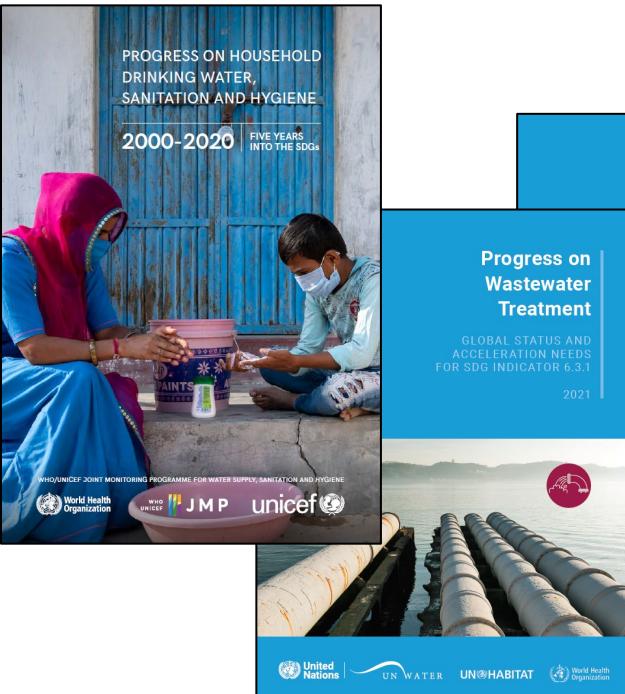


Welcome to the UN-Water SDG 6 Data

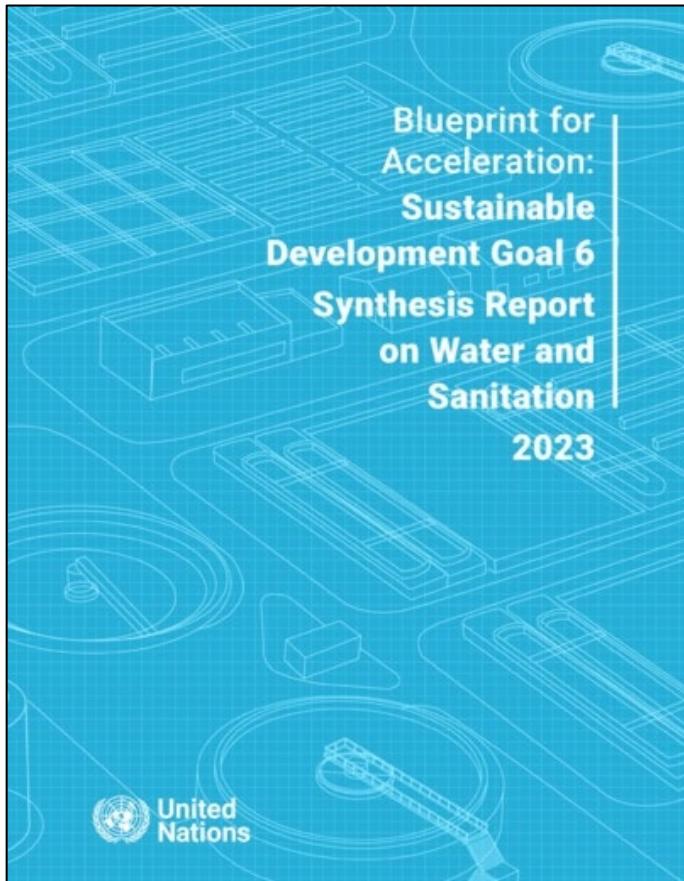


Learn more about SDG 6 status and progress

Regular progress reports available on
<https://www.unwater.org/publications/sdg-6-progress-reports>



Resources for the way forward



A collage of four resources. From left to right: 1. A blue box for "SDG 6 Country Acceleration Case Studies 2022 Costa Rica" with the UN Water logo. 2. A blue box for "SDG 6 Country Acceleration Case Studies 2023 Brazil" with the UN Water logo. 3. A blue box for "SDG 6 Country Acceleration Case Studies 2023 Ghana" with the UN Water logo. 4. A white box for "Water and sanitation interlinkages across the 2030 Agenda for Sustainable Development" featuring a colorful grid background and the UN Water logo.