

Achieving sustainable development through better water resources management

LOGYTalks World Water Day Summit

March 22nd, 2022



The SDGs

SUSTAINABLE DEVELOPMENT GOALS



Main Message 1:

All SDGs are related to water

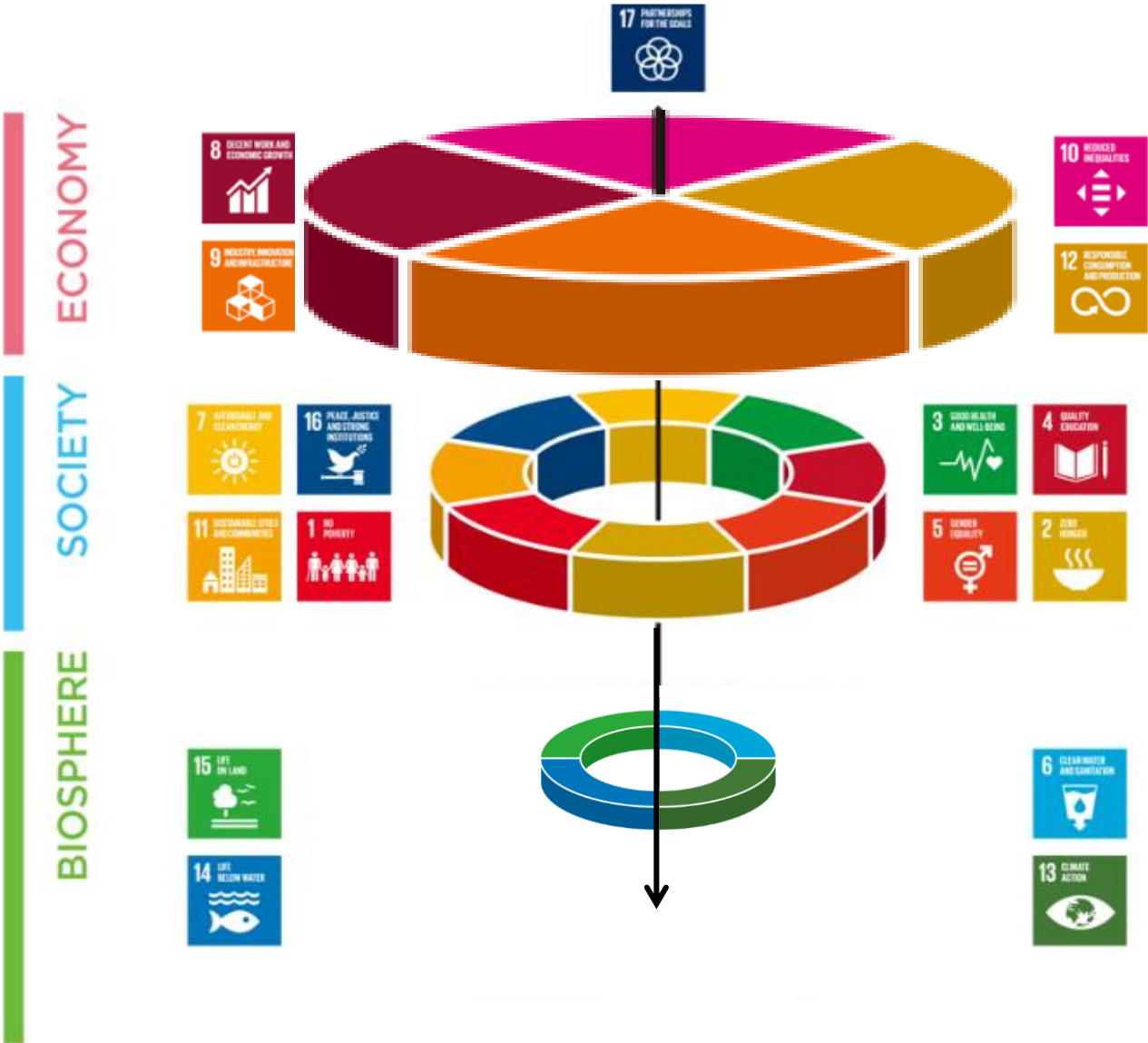


Main Message 2:

Achieving an integrated approach to SDG 6 is essential for progress on all other SDGs



Rather than the inverted wedding cake that currently predominates



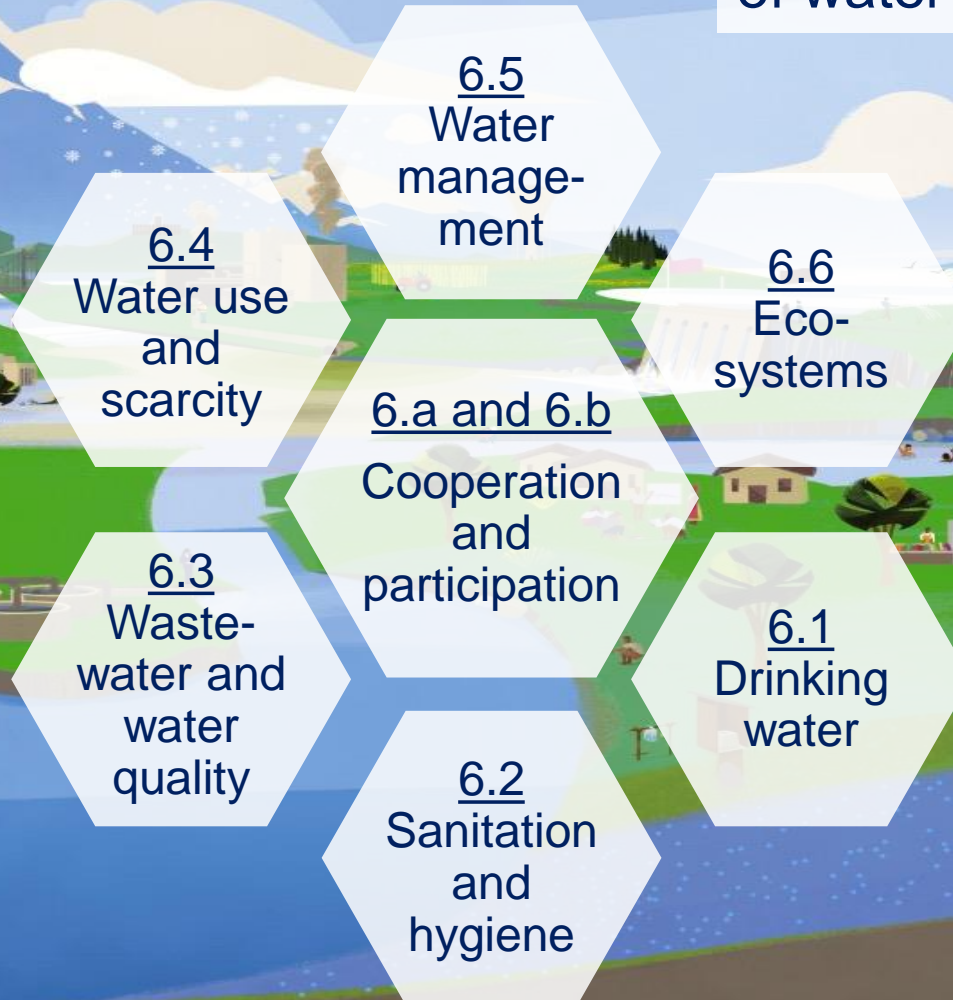
Based on the SDG “wedding cake” illustration presented by Johan Rockström and Pavan Sukhdev

(Image credit: Azote for Stockholm Resilience Centre, Stockholm University), [adapted](#)

SDG 6 and its targets

The Water Cycle in the Sustainable Development Goals

SDG 6 “Ensure availability and sustainable management of water and sanitation for all”



SDG Target 6.5

TARGET 6.5



IMPLEMENT
INTEGRATED WATER
RESOURCES
MANAGEMENT

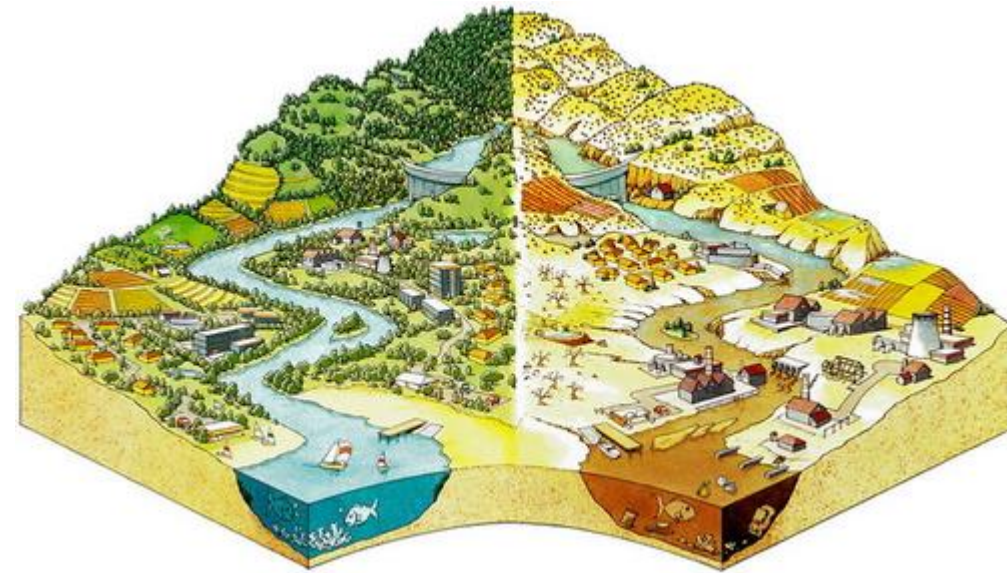
“By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate”

Indicator: 6.5.1: Degree of integrated water resources management implementation (0-100)

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

What is IWRM?

“Integrated Water Resources Management (IWRM) is a process which promotes the **coordinated development and management of water, land and related resources** in order to **maximise economic and social welfare** in an equitable manner without compromising the **sustainability of vital ecosystems** and the environment” (GWP)



How is it evaluated?

SDG 6.5.1 is evaluated by a survey instrument completed by UN Member States with 33 questions, organised in the four main components of IWRM

	1. Enabling Environment	2. Institutions and Participation	3. Management Instruments	4. Financing
National level	<ul style="list-style-type: none"> • Policy • Law • Plans 	<ul style="list-style-type: none"> • Authorities • Cross-sectoral coordination • Capacity • Public participation • Business participation • Gender objectives 	<ul style="list-style-type: none"> • Availability monitoring • Water-use management • Pollution control • Ecosystem management • Disaster management 	<ul style="list-style-type: none"> • Budget for investment • Budget for recurring costs
Subnational	Policy	Gender objectives	Data and information sharing	<ul style="list-style-type: none"> • Subnational or basin budget for investment • Revenues raised
Basin / aquifer / local	Basin/aquifer management plans	<ul style="list-style-type: none"> • Basin/aquifer organizations • Local public participation 	<ul style="list-style-type: none"> • Basin management instruments • Aquifer management instruments 	
Trans-boundary	Management arrangements	<ul style="list-style-type: none"> • Organizational arrangements • Gender objectives 	Data and information sharing	Financing for cooperation
Federal countries only	Provincial water law	Provincial authorities	-	-

2020 reporting on status of IWRM

Timeline

Reporting throughout 2020

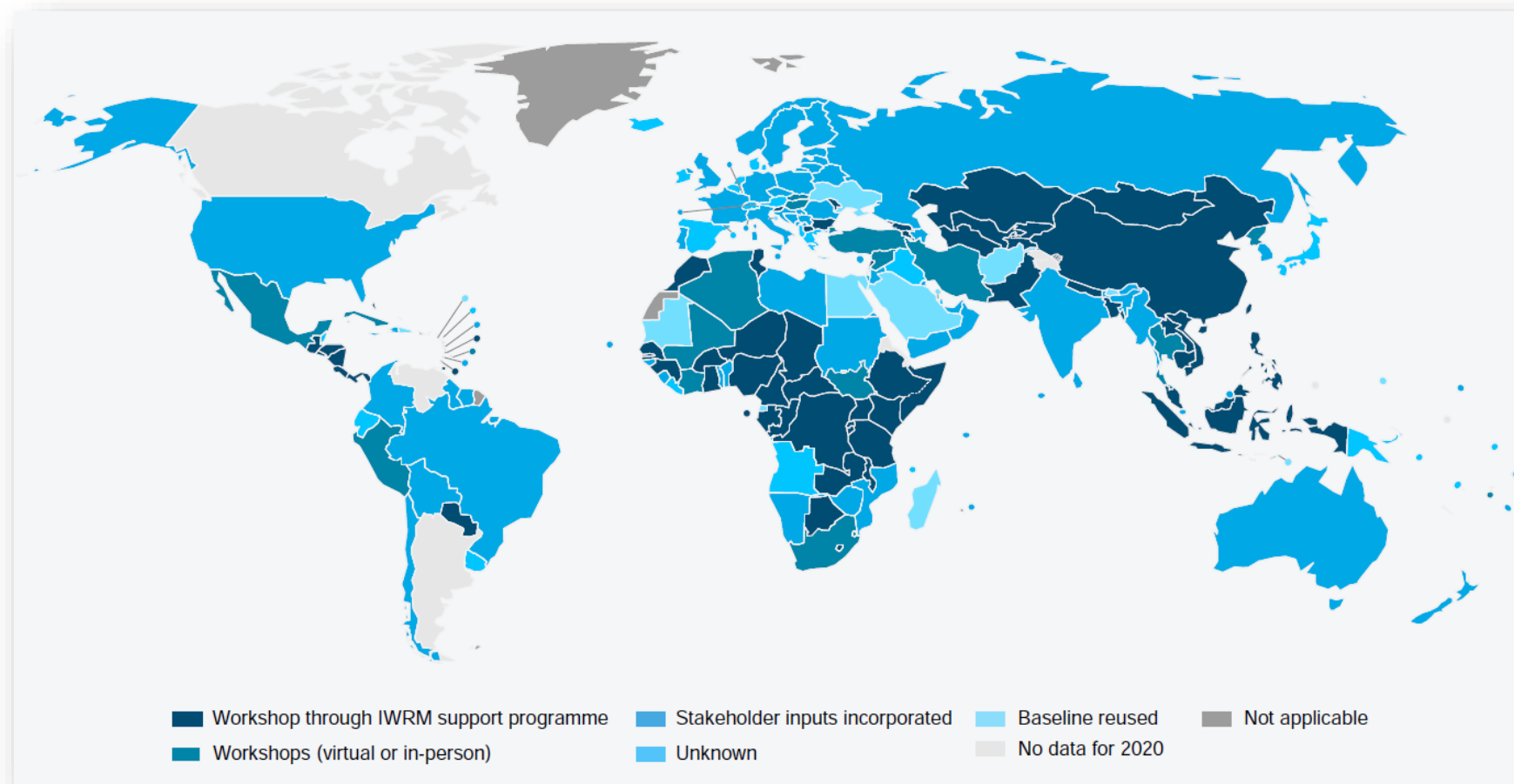
Number of reports submitted

171

Total number of datasets for analysis

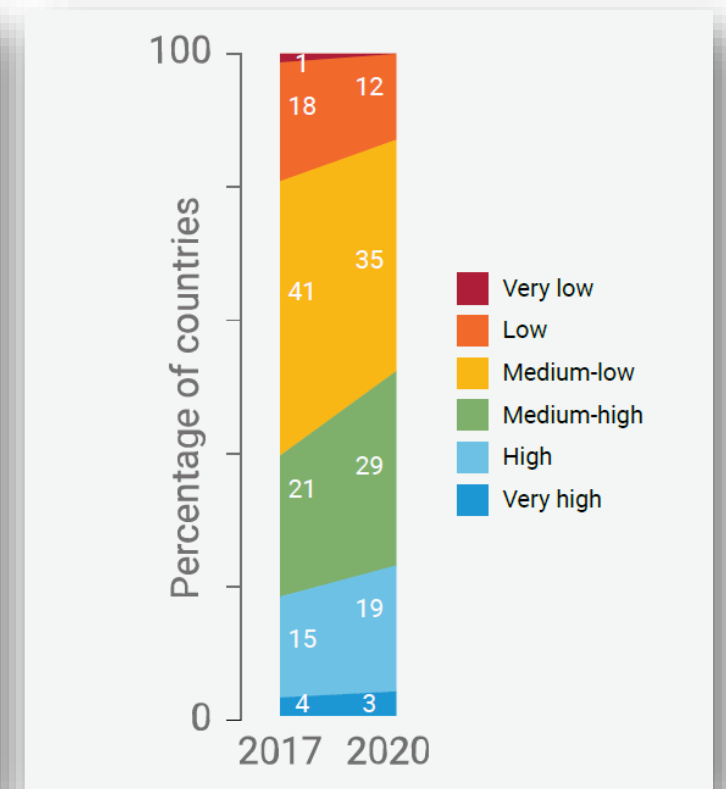
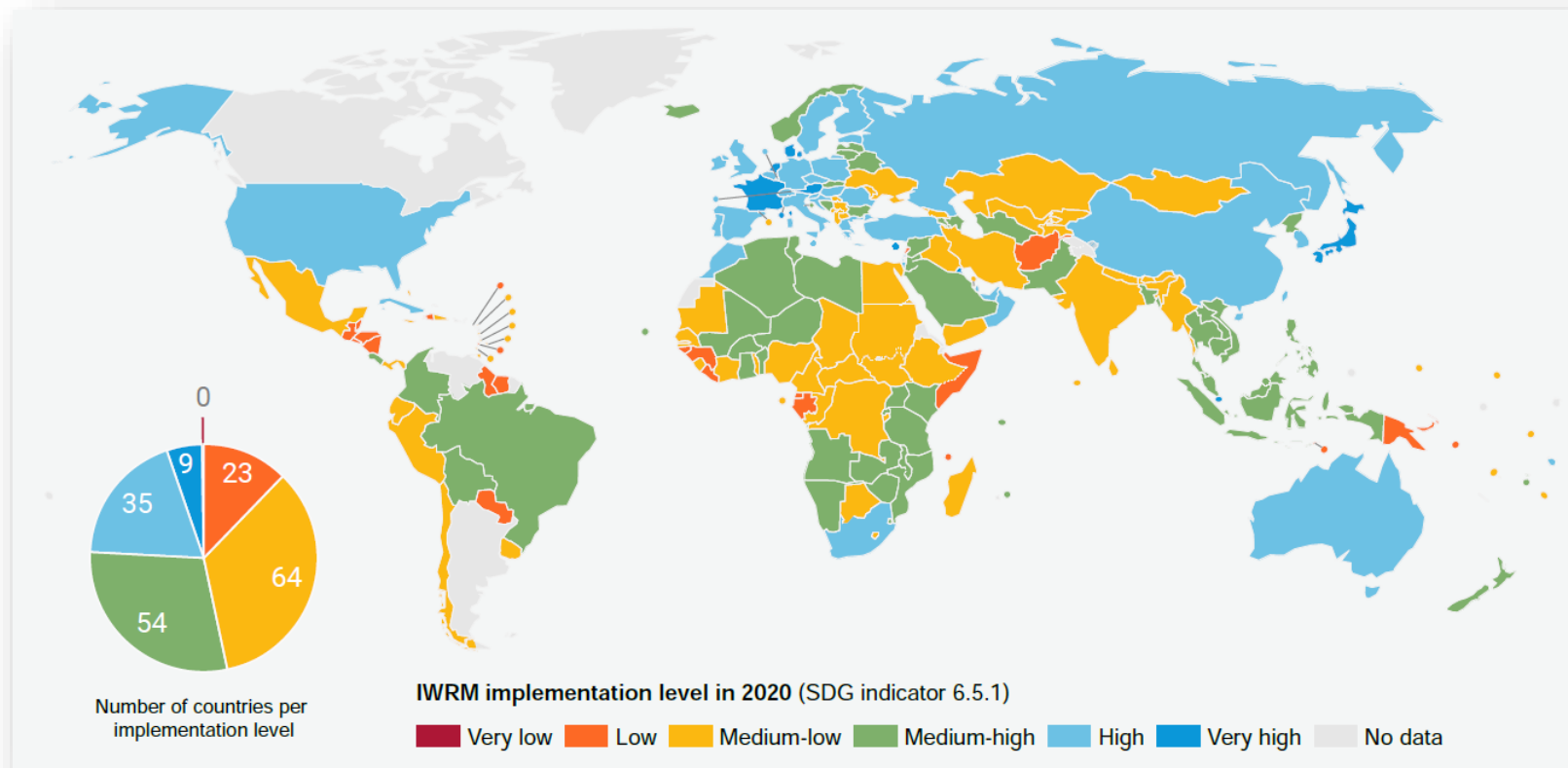
186

(including 2017 baseline reports without an update)

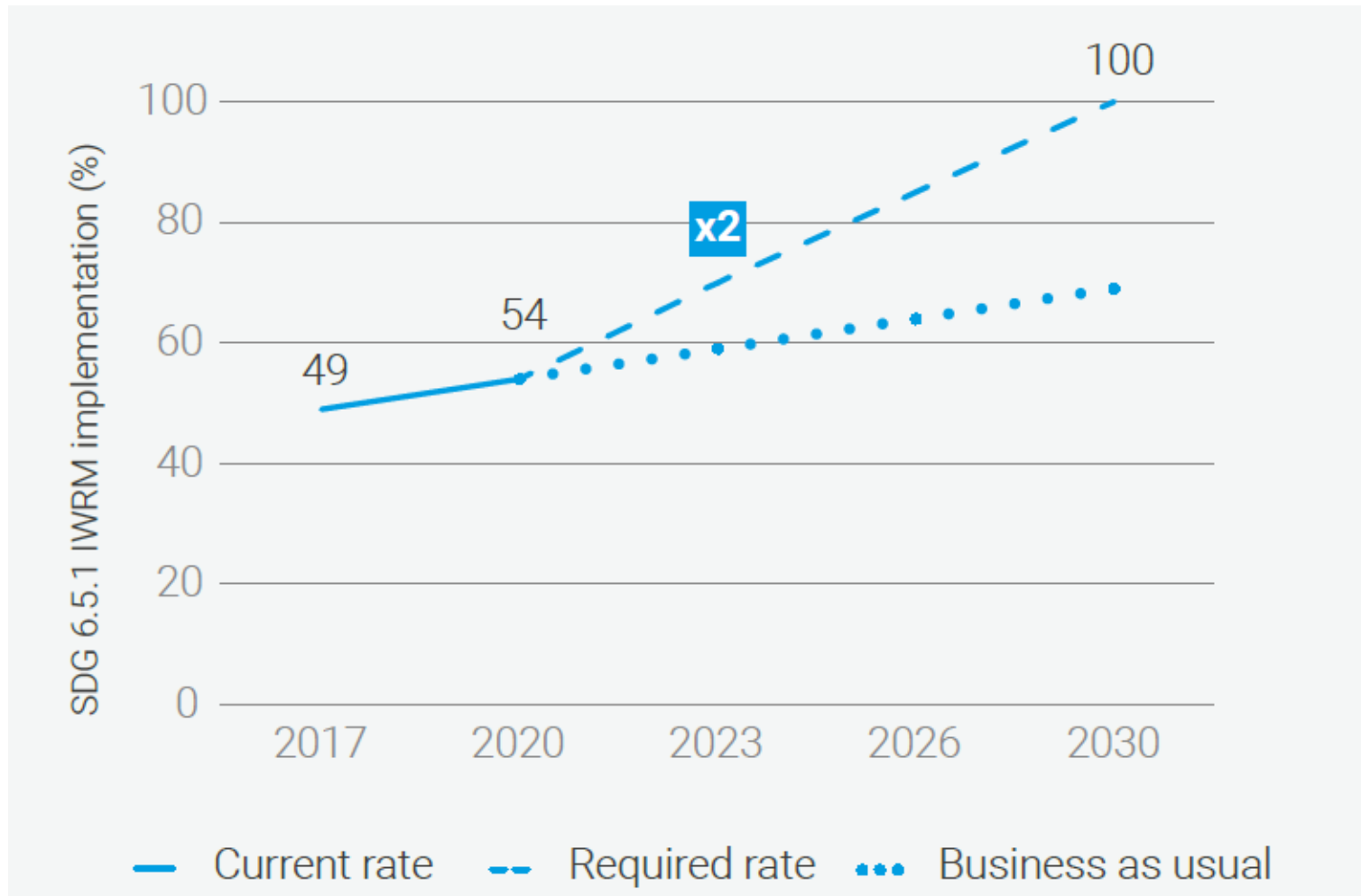


2020 country and global status

- Increase in the global average score from 49% (2017) to 54% (2020) – out of 100
- Global average changed from Medium-low to Medium-high

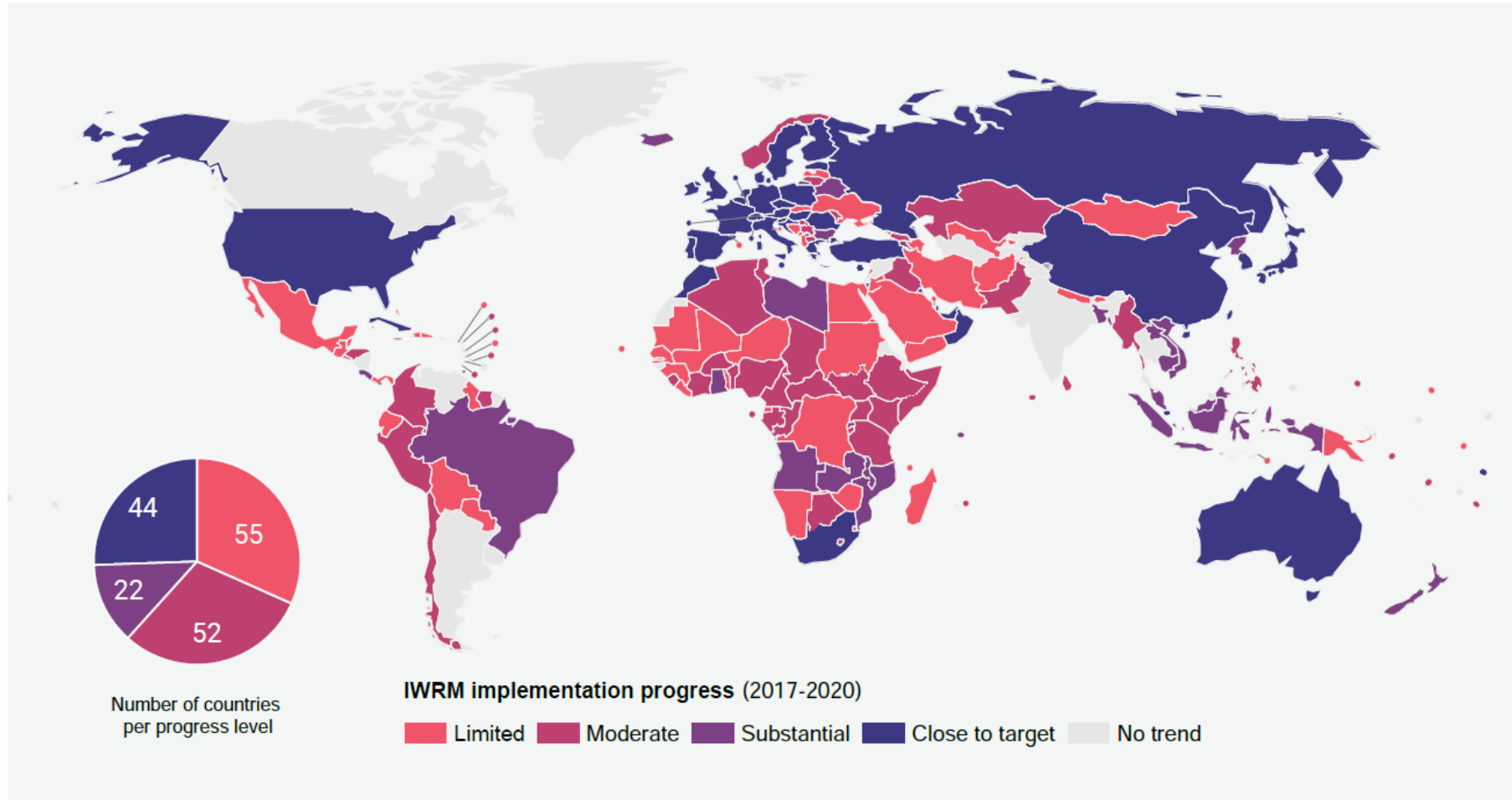


Key message 1



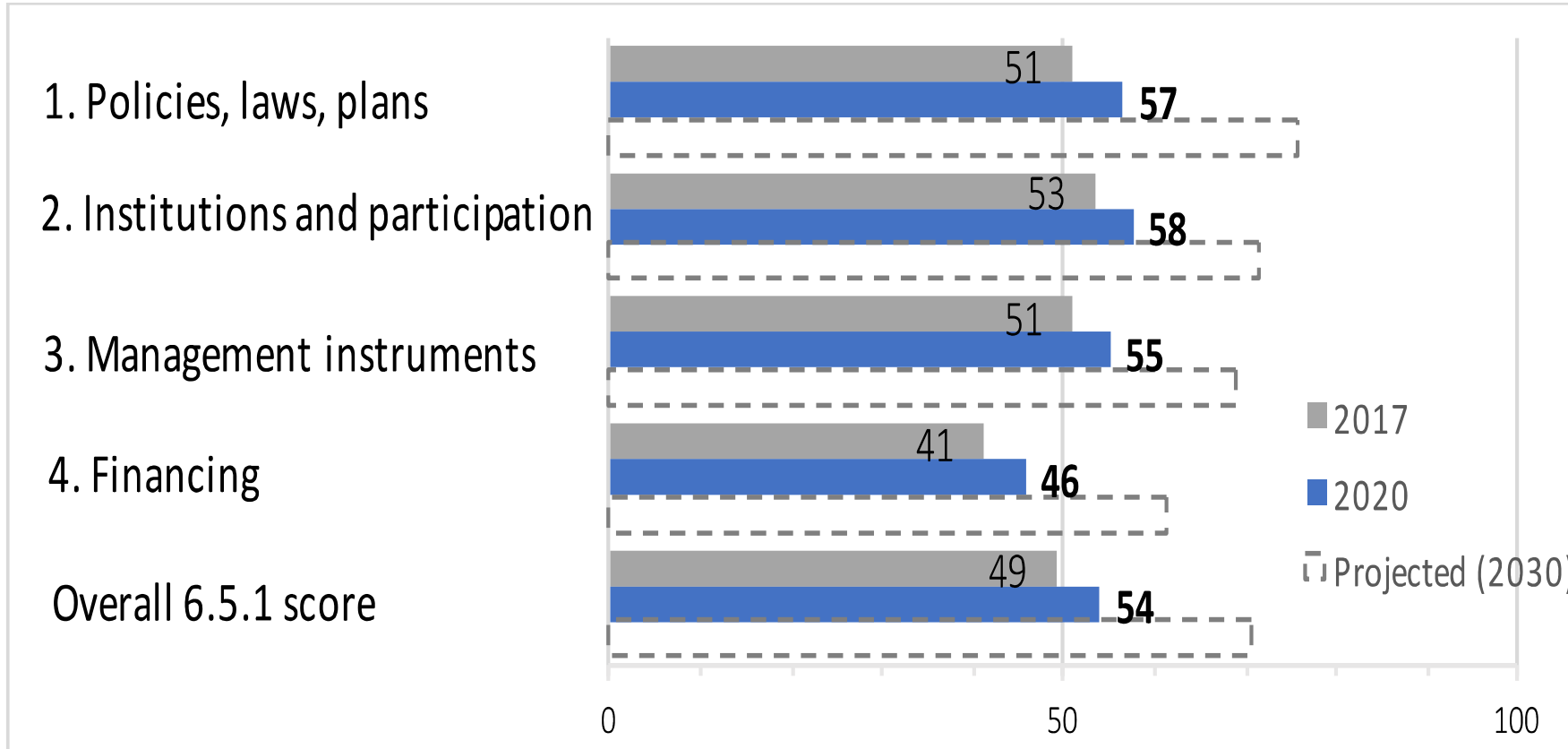
Globally, the rate of implementation of IWRM urgently needs to double

Key message 2



**Real and rapid
progress is
possible**

Key message 3



Business-as-usual is not an option

Key message 4

“SDG” Region	6.5.1 score		Sub-region	6.5.1 score	
	2017	2020		2017	2020
Latin America and the Caribbean	35	37	Central America	31	31
			Caribbean	37	39
			South America	35	39
Oceania (excluding Australia and New Zealand)	38	43	Melanesia	30	38
			Micronesia	35	43
			Polynesia	49	52
Central and Southern Asia	37	43	Southern Asia	37	41
			Central Asia	38	47
Sub-Saharan Africa	40	46	Middle Africa	29	37
			Western Africa	42	44
			Eastern Africa	43	51
			Southern Africa	50	55
Northern Africa and Western Asia	55	60	Northern Africa	49	54
			Western Asia	57	62
Eastern and South-Eastern Asia	52	62	South-Eastern Asia	46	57
			Eastern Asia	64	72
Europe and Northern America	67	72	Southern Europe	58	64
			Eastern Europe	58	66
			Northern Europe	73	77
			Western Europe	72	77
			Northern America	-	77
Australia and New Zealand	72	77	Australia and New Zealand	72	77

Different regions are at different stages, but all can do better

SDG 6 IWRM Support Programme

Assists governments and other stakeholders in

STAGE
1

Identifying Challenges



Bring together stakeholders
to understand the status of water resources
management in the country

STAGE
2

Developing Action Plans



Define areas of opportunity
to turn them into country-led investment projects
that improve water resources management

STAGE
3

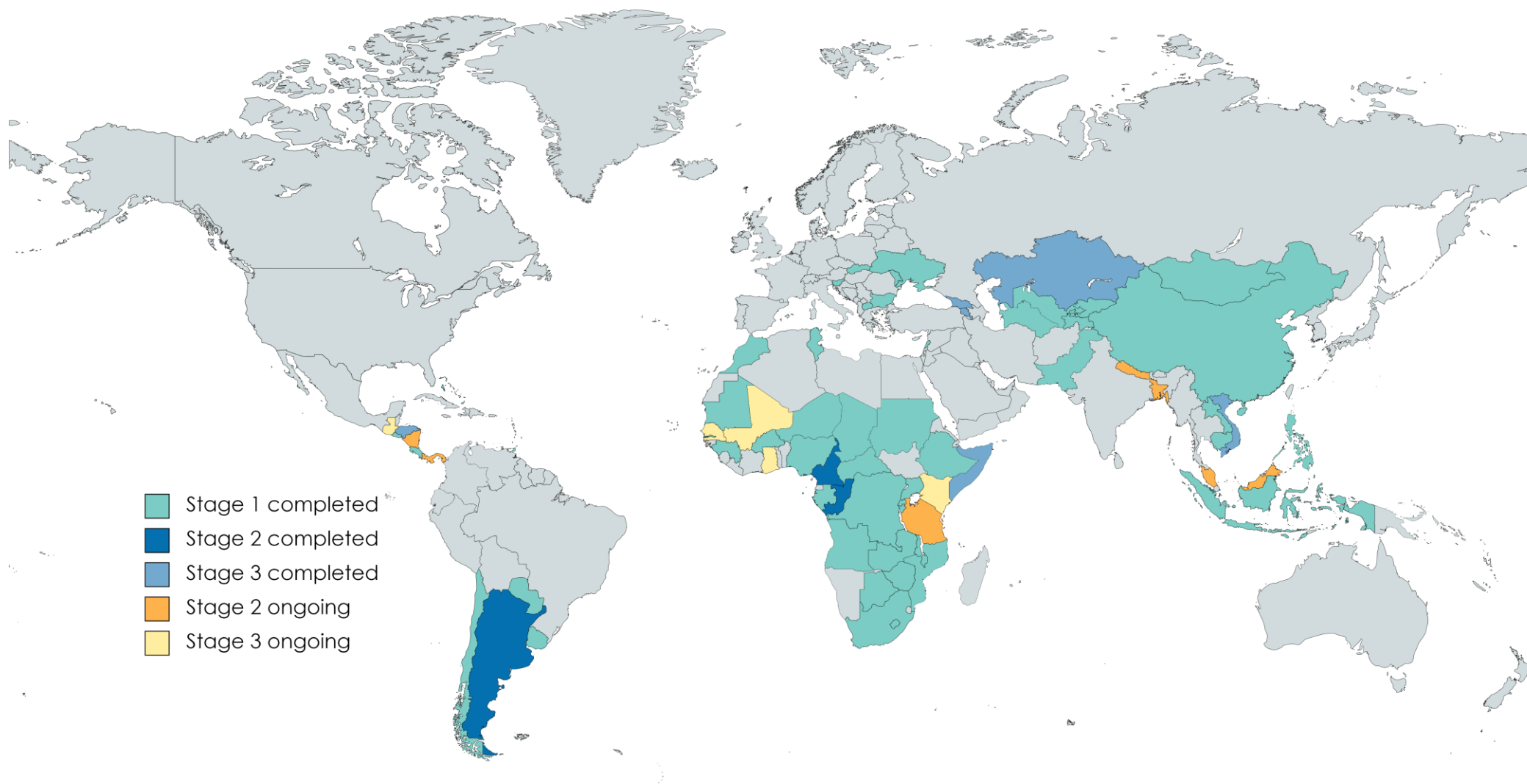
Implementing Solutions



Carry out the Action Plan
to ensure measurable progress on SDG 6.5.1 and
other SDG targets, feeding back into the
reporting process (stage 1)



Where have we supported countries?

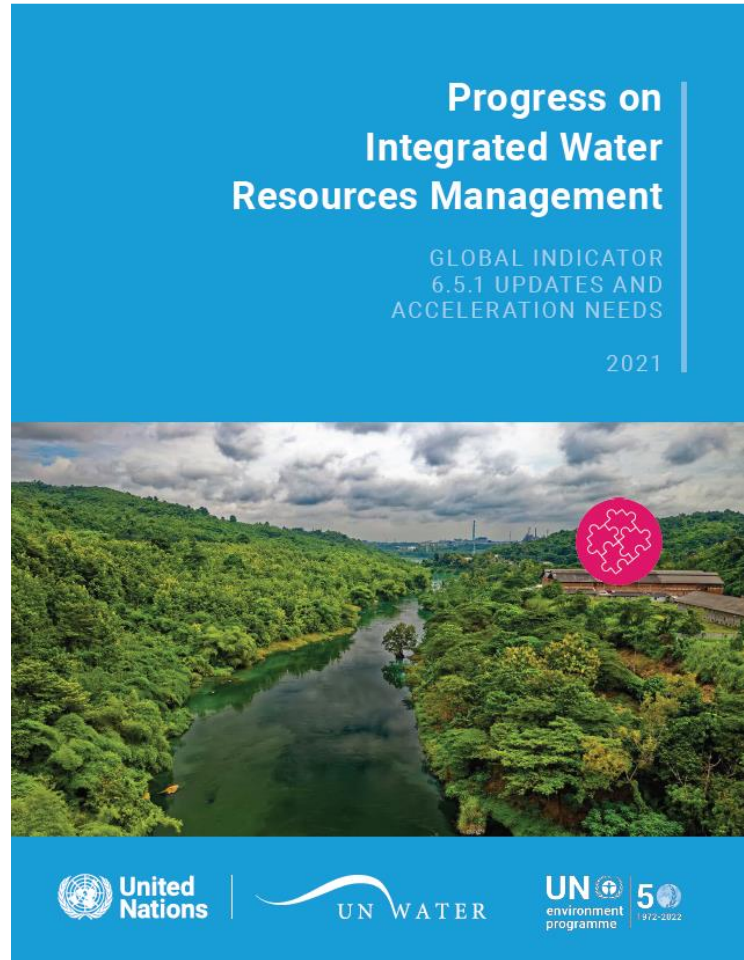


What tools are available to support countries?

- IWRM Acceleration Package and free online course Online today!
- Assistance from the SDG 6 IWRM Support Programme
- IWRM Action Plan Searcher
- Community of Practice to share lessons and experiences
- IWRM Action Hub (Toolbox)

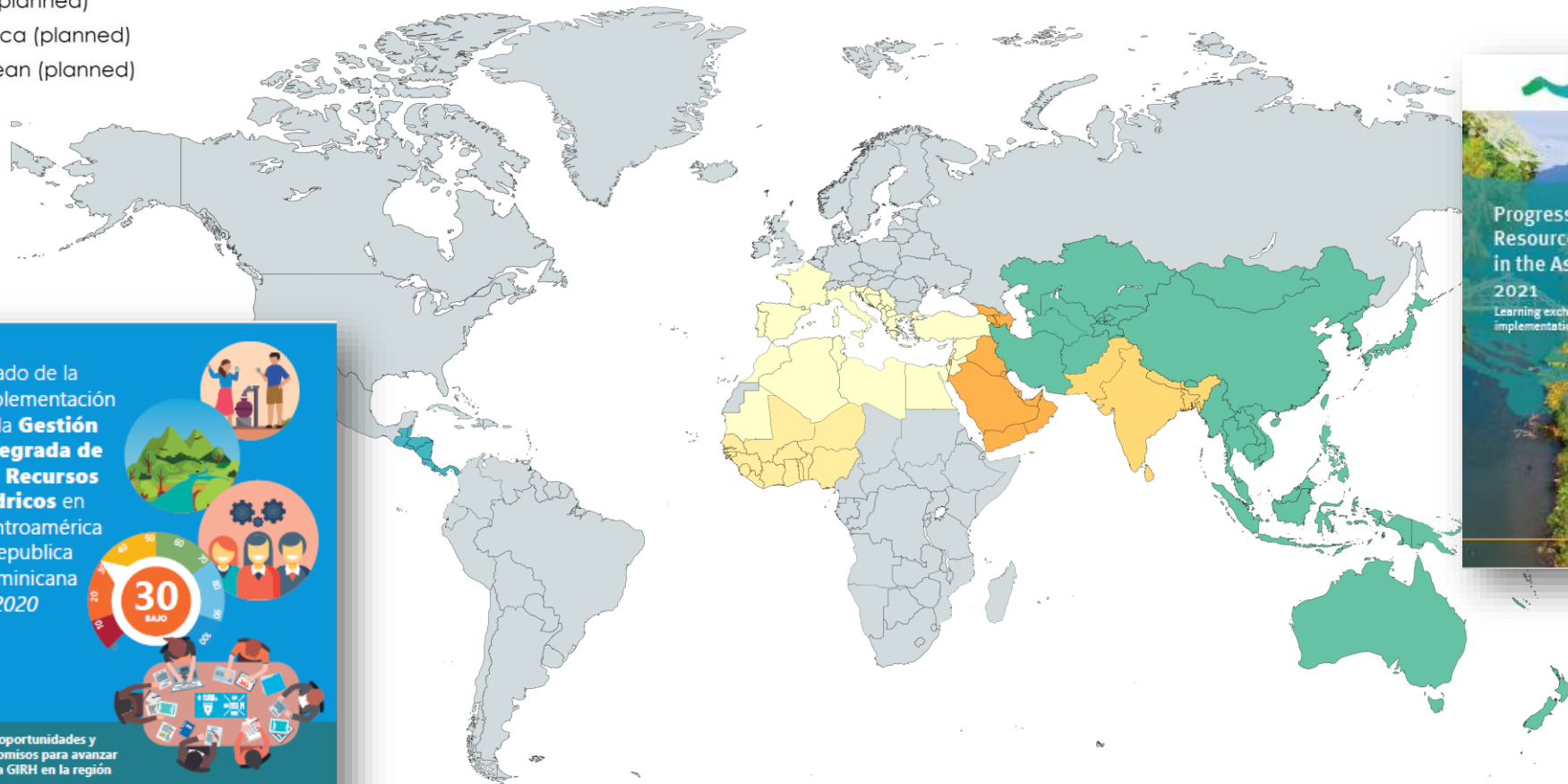
See <https://www.gwp.org/en/sdg6support/> for more details

Global reports



Regional reports

- Central America
- Asia-Pacific
- Western Asia (planned)
- South Asia (planned)
- Western Africa (planned)
- Mediterranean (planned)



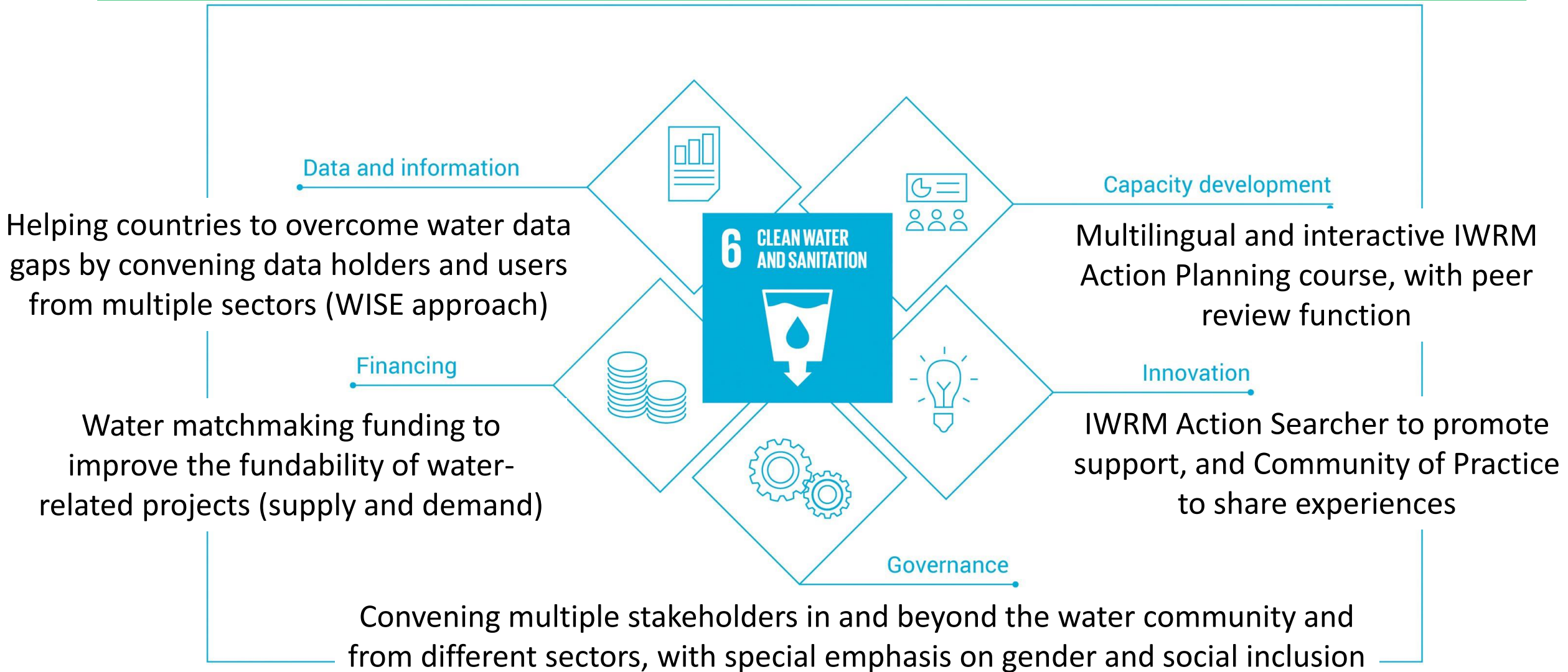
Estado de la implementación de la **Gestión Integrada de los Recursos Hídricos** en Centroamérica y República Dominicana *al 2020*

Retos, oportunidades y compromisos para avanzar hacia la GIRH en la región

Global Water Partnership 25 UN Women UNDP UNEP

Progress on Integrated Water Resources Management (IWRM) in the Asia-Pacific Region
2021
Learning exchange on monitoring and implementation towards SDG 6.5.1

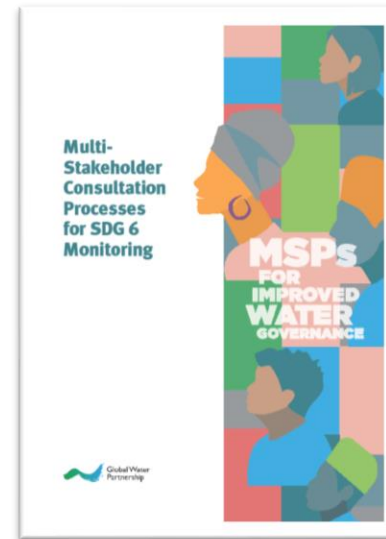
Alignment with Global Acceleration Framework



Gender and social inclusion

Gender in IWRM

- Based on SDG 6.5.1 reporting and in-depth interviews with 23 countries
- Share practical examples of how countries have advanced
- Identified 7 key enablers for advancing towards gender mainstreaming in water resources management



Multi Stakeholder Processes

- Multi-stakeholder engagement improves reporting and action planning on SDG 6.5.1
- Three stakeholder engagement models all have advantages (in-person, hybrid and online)
- Processes should be designed to ensure stakeholder inclusion, procedural fairness, consensual orientation and transparency

Stage 2 IWRM Action Plans: need for integration!

Country	Planned activities in IWRM Action Plan	Links to other SDGs
Argentina	Implement communication actions to foster new behaviour and attitudes in society	6.4, 17.16
Cameroon	Update legislation/regulations on the protection of natural resources & environment	6.6, 15.1
Congo-Brazzaville	Prevent and manage the impacts of pollution on ecosystems	6.3, 6.6
Ghana	Develop material on water security and climate resilient issues considering gender perspectives	5.5, 13.3
Grenada	Adopting ecosystem based solutions for riparian zones	6.6, 13.2
Guatemala	Generate forecasts on water supply and availability based on risk scenarios	6.1, 13.1
Kazakhstan	Changing the structure of production and replacement of water-intensive crops	2.4, 12.2
Kenya	Raise awareness on integration between IWRM and WASH as a response to Covid-19	6.1, 6.2
São Tomé & Príncipe	Promote greater integration of IWRM in policies and strategies for economic growth and diversification, as well as in land use and development planning	8.4, 15.5
Vietnam	Engagement of private sector in disaster risk reduction in central coastal provinces, Vietnam	13.b, 17.16

Some final thoughts

- All SDGs are related to water resources, and **NONE** of them will be achieved unless we **manage our water resources better**
- What is needed is **water integration** across SDG targets (not just SDG 6) – that is the **crosscutting essence** of IWRM!
- Supporting IWRM is a **good investment** – a recent GWP study showed a 33 to 1 leverage effect on its support for IWRM
- We have assisted countries to define attractive water investment portfolios that are **ready for further support and coordination**
- The SDG 6 IWRM Support Programme is **open for collaboration** – How could it support YOUR efforts to achieve the SDGs?

Thank you!



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