6 CLEAN WATER AND SANITATION

SUSTAINABLE DEVELOPMENT GOALS

UN WATER

Integrated Monitoring Initiative for SDG 6

The upcoming UN-Water SDG 6 Data Portal

9th meeting of the IAEG-SDGs

Beirut, 28 March 2019

UN environment United Nations Environment Programme

UN HABITAT

Food and Agriculture Organization of the United Nations

unicef

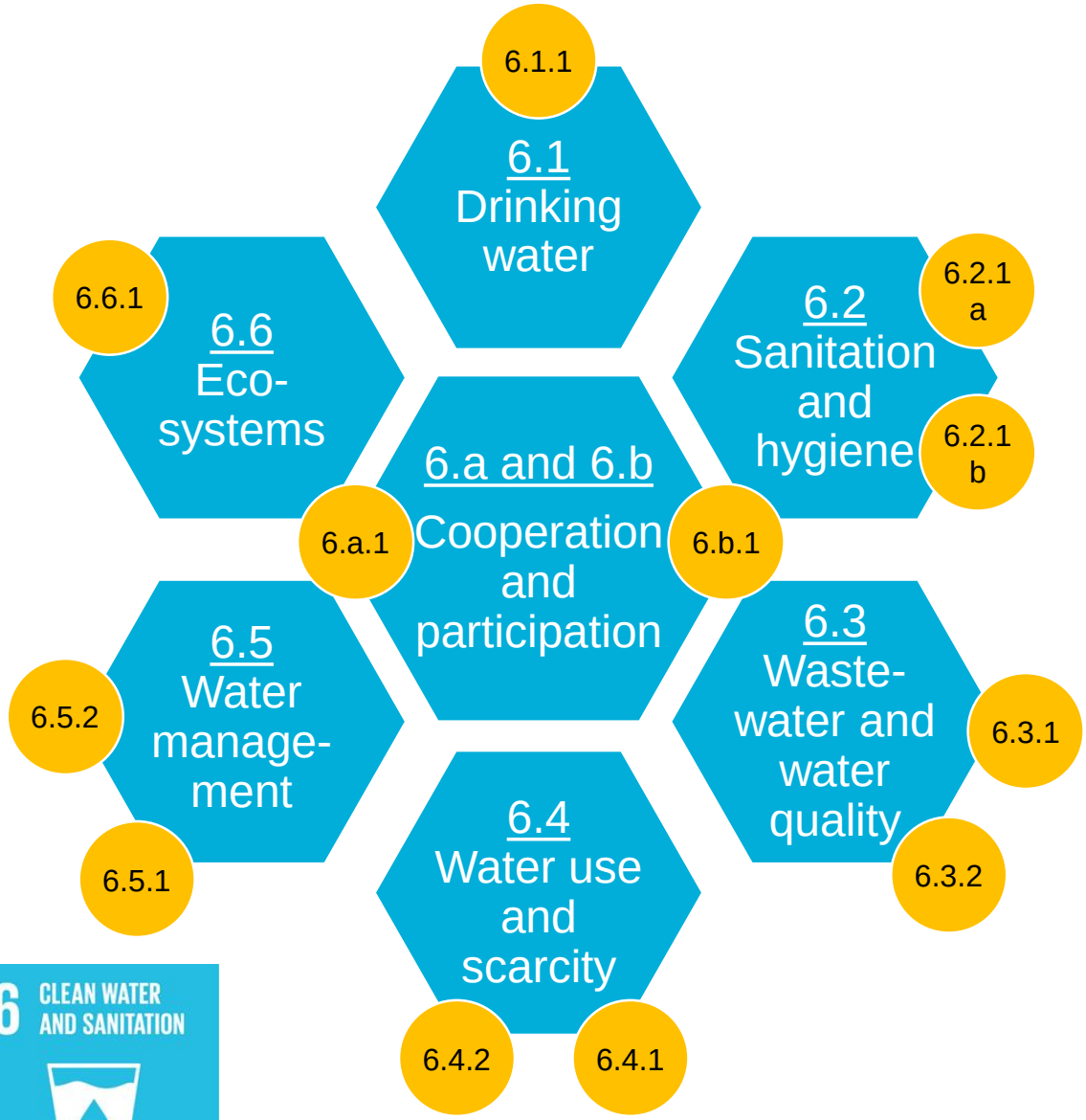
UNECE

UNESCO United Nations Educational, Scientific and Cultural Organization

World Health Organization

WMO

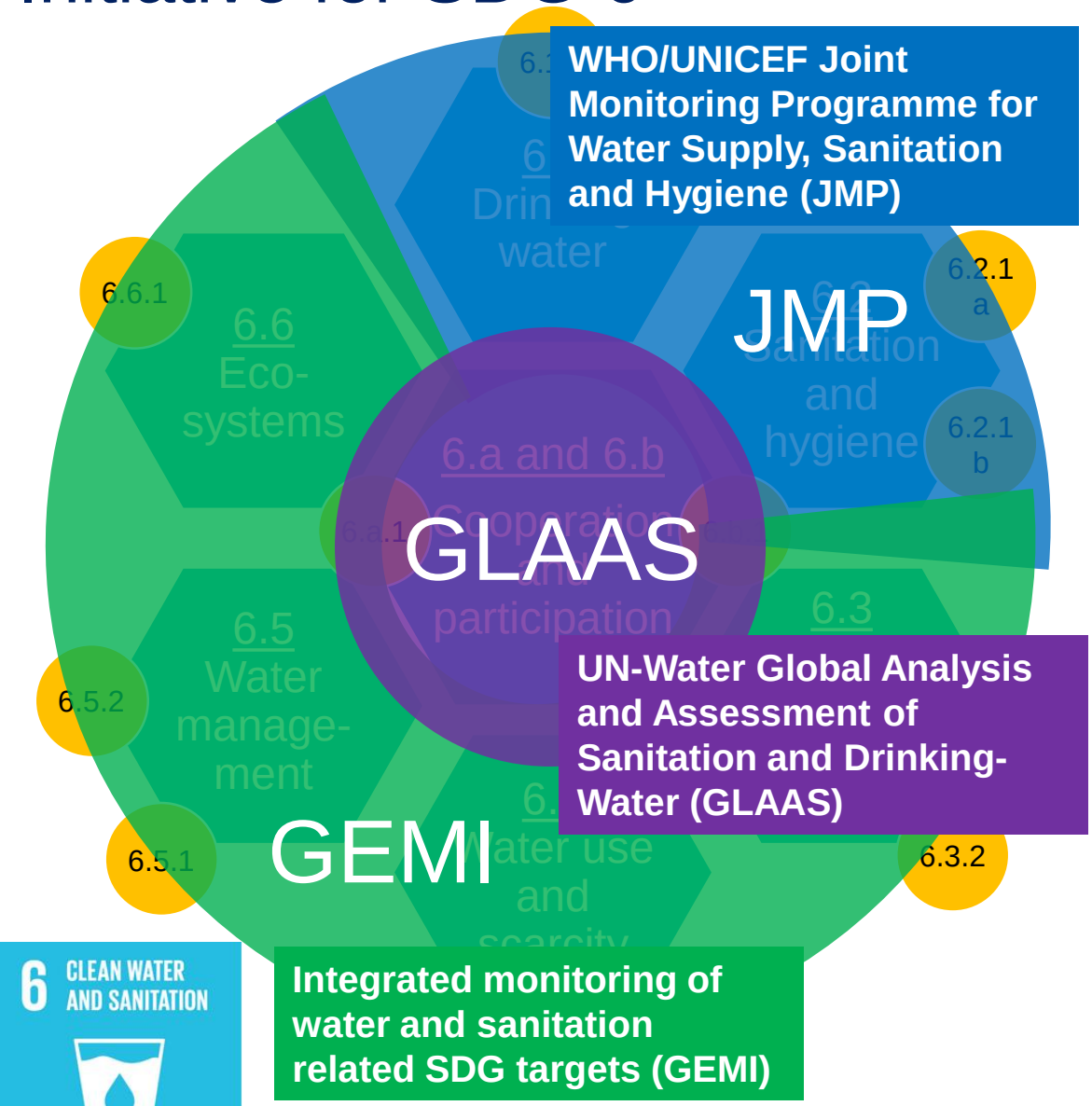
SDG 6 global indicators



6 CLEAN WATER AND SANITATION

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)

UN-Water Integrated Monitoring Initiative for SDG 6



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Objectives of the UN-Water SDG 6 Data Portal

- To provide an overview and access to data and overall progress towards SDG 6
- To provide tailored options for visualization and analysis
- Entry point to the wealth of SDG 6 information available in the UN system
- Integration and broader dissemination of SDG 6 data and information to:
  - raise awareness on the importance of water and sanitation
  - to educate and catalyze action
  - to support policy, decision making and water management
  - to encourage and improve on SDG 6 monitoring
- To support UN-Water's work to improve coordinated action, communications and global campaigns, policy and technical advice, and SDG 6 related interlinkage analysis and synthesis reporting

UN WATER

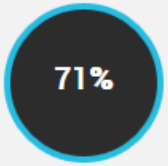
Coordinating the UN's work on water and sanitation

UNITED NATIONS

SNAPSHOTS

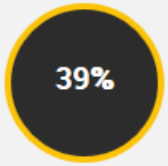
Indicator snapshots - global

Drinking water



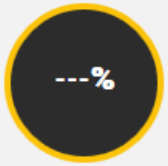
of the world's population use a safely managed drinking water service (SDG indicator 6.1.1), based on reporting in 2015

Sanitation



of the world's population use a safely managed sanitation service (SDG indicator 6.2.1a), based on reporting in 2015

Hygiene



At the global level, not enough country data were reported in 2015 to estimate the proportion of population with access to a basic handwashing facility (SDG indicator 6.2.1b)

Wastewater

At the global level, not enough country data were reported in 2015 to estimate the proportion of safely treated wastewater (SDG indicator 6.3.1)

Water quality

At the global level, not enough country data were reported in 2017 to estimate the proportion of water bodies with a good ambient water quality (SDG indicator 6.3.2)

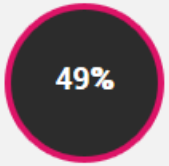
Efficiency

is the global value added from the use of water by people and the economy (SDG indicator 6.4.1 on water-use efficiency), based on reporting in

Water stress

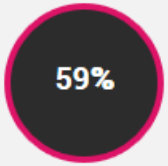
of the world's available water resources are being withdrawn, after taking into account environmental flow requirements (SDG indicator 6.4.2 on level of water stress), based on reporting in 2014

IWRM



is the degree of implementation of integrated water resources management (IWRM) at the global level (SDG indicator 6.5.1), based on reporting in 2017 from 156 countries

Transboundary

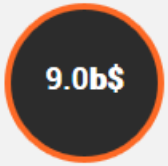


of transboundary basin area has an operational arrangement for water cooperation (SDG indicator 6.5.2), based on reporting in 2017 from 61 countries

Ecosystems

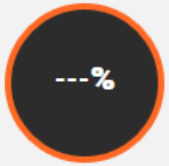
of the world's vegetated wetlands (approximately) have been lost during the last century (SDG indicator 6.6.1 on water-related ecosystems)

Cooperation



is the global amount of water- and sanitation-related official development assistance disbursed in 2016 (SDG indicator 6.a.1)

Participation



Stakeholder participation is measured through multiple indicators which are not aggregated into one overall value (SDG indicator 6.b.1)

Country and region snapshots - selection

Country and region snapshots – regional example

SDG 6 snapshot in Sub-Saharan Africa

Drinking water

24 %

of the population in Sub-Saharan Africa use a safely managed drinking water service (SDG indicator 6.1.1), based on reporting in 2015

Sanitation

--- %

of the population in Sub-Saharan Africa use a safely managed sanitation service (SDG indicator 6.2.1a), based on reporting in 2015

Hygiene

15 %

of the population in Sub-Saharan Africa has access to a basic handwashing facility (SDG indicator 6.2.1b), based on reporting in 2015

Wastewater

--- %

At the regional level, not enough country data were reported in 2015 to estimate the proportion of household wastewater that are safely treated (SDG indicator 6.3.1)

Water quality

--- %

At the regional level, not enough country data were reported in 2017 to estimate the proportion of water bodies with a good ambient water quality (SDG indicator 6.3.2)

Efficiency

--- $/m^3

is the value added from the use of water by people and the economy in Sub-Saharan Africa (SDG indicator 6.4.1 on water-use efficiency), based on reporting in

Water stress

3 %

of the available water resources in Sub-Saharan Africa are being withdrawn, after taking into account environmental flow requirements (SDG indicator 6.4.2 on level of water

IWRM

40 %

is the degree of implementation of integrated water resources management in Sub-Saharan Africa (SDG indicator 6.5.1), based on reporting in 2017

Transboundary

--- %

of transboundary basin area in Sub-Saharan Africa have an operational agreement for water cooperation (SDG indicator 6.5.2), based on reporting in 2017

Ecosystems

--- %

is the change in spatial extent of water-related ecosystems in Sub-Saharan Africa in 2016 (compared to the baseline year period of 2001–2005), based on earth observation data (SDG

Cooperation

2767 m$

is the amount of water- and sanitation-related official development assistance received by countries in Sub-Saharan Africa in 2016 (SDG indicator 6.a.1)

Participation

--- %

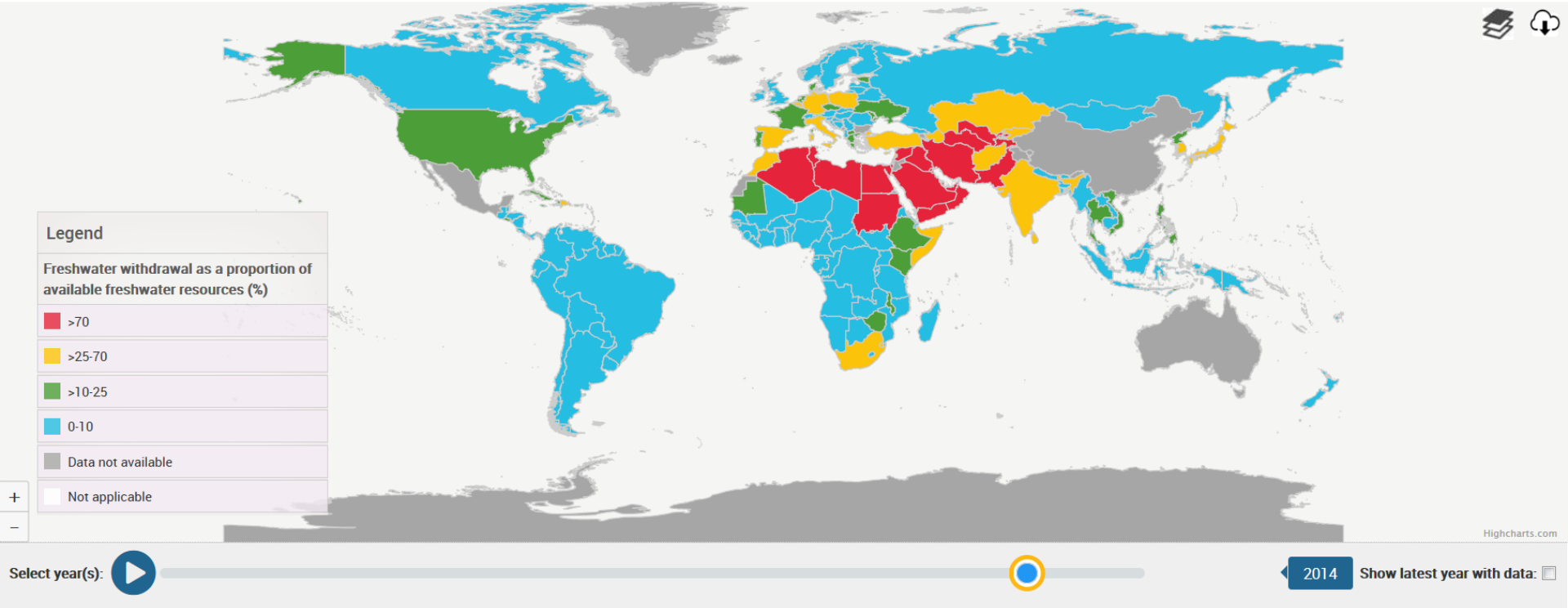
Stakeholder participation is measured through multiple indicators which are not aggregated into one overall value (SDG 6 indicator 6.b.1)

MAPS

Indicator 6.4.2 Level of water stress

Home | Snapshots | Maps | Charts | Tables | Data lab | About

6.4.2 Level of water stress: freshwater withdrawal as a proportion of available freshwater resources > Overall (%)



Select year(s): 2014 Show latest year with data:

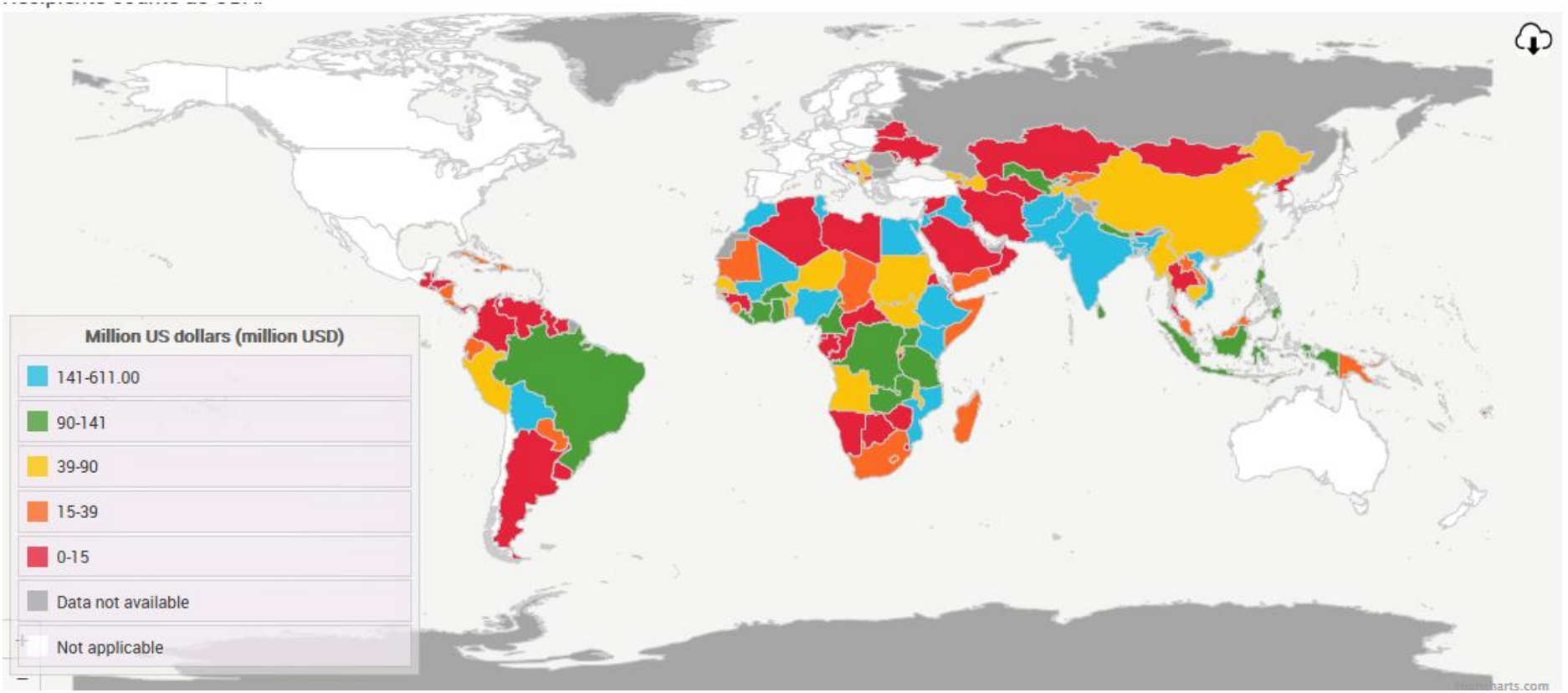
The boundaries, colours, denominations and any other information shown in any map in this portal do not imply, on the part of the UN-Water Member and Partners, any judgment on the legal status of any territory, or any endorsement or acceptance of such boundaries. Learn more about the different map sources here.

Functions:

- Change map type and legend colours
- Select year, select latest year with data available or play video with progress over time
- Download map

Indicator 6.a.1 Int. cooperation

- 9.0 bn $ global ODA to water and sanitation in 2016
- 137 recipient countries



CHARTS

Charts - types

Snapshots | Maps | Charts | Tables | Data lab | About

Select a chart type

Line

Bar

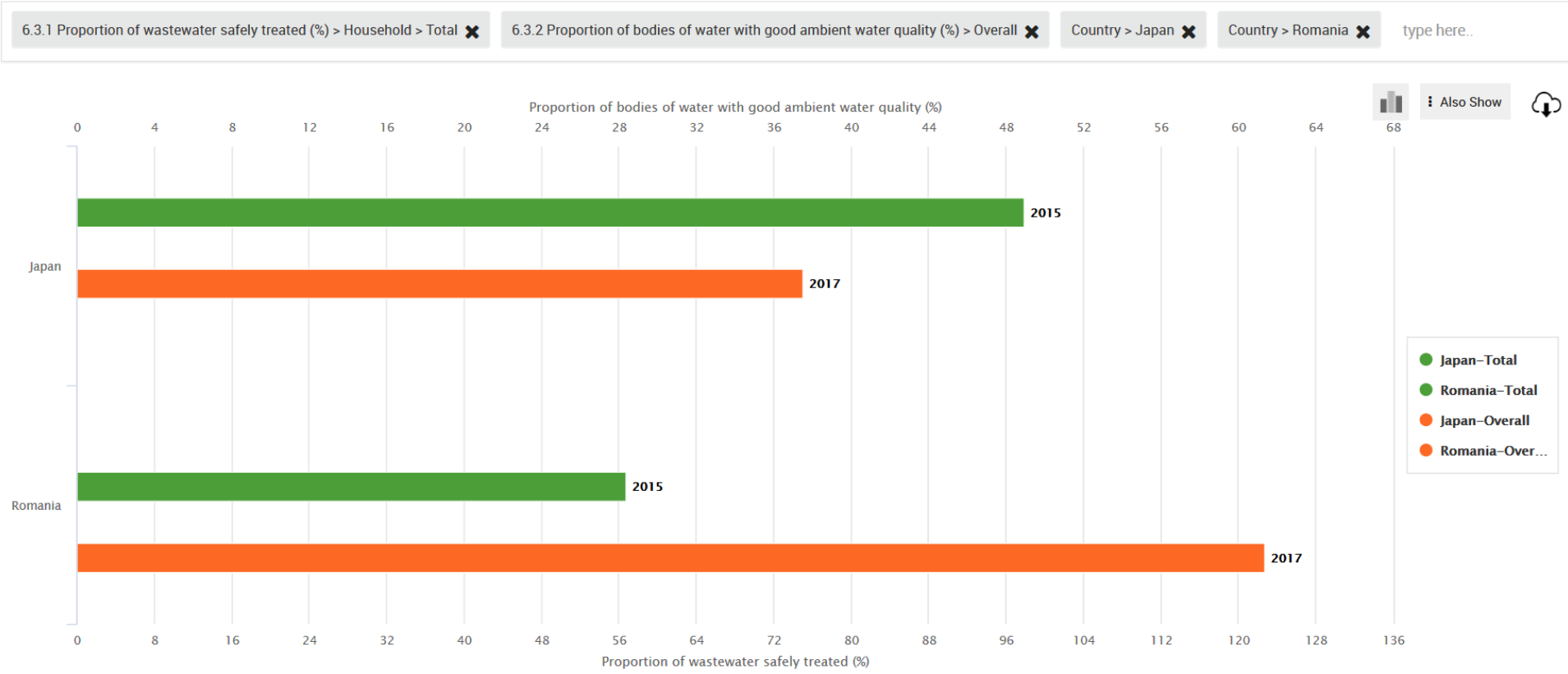
Column

Radar

Ranks

Interlinkage

Charts – 6.3 Japan and Romania



List of all indicators displayed in the above chart :

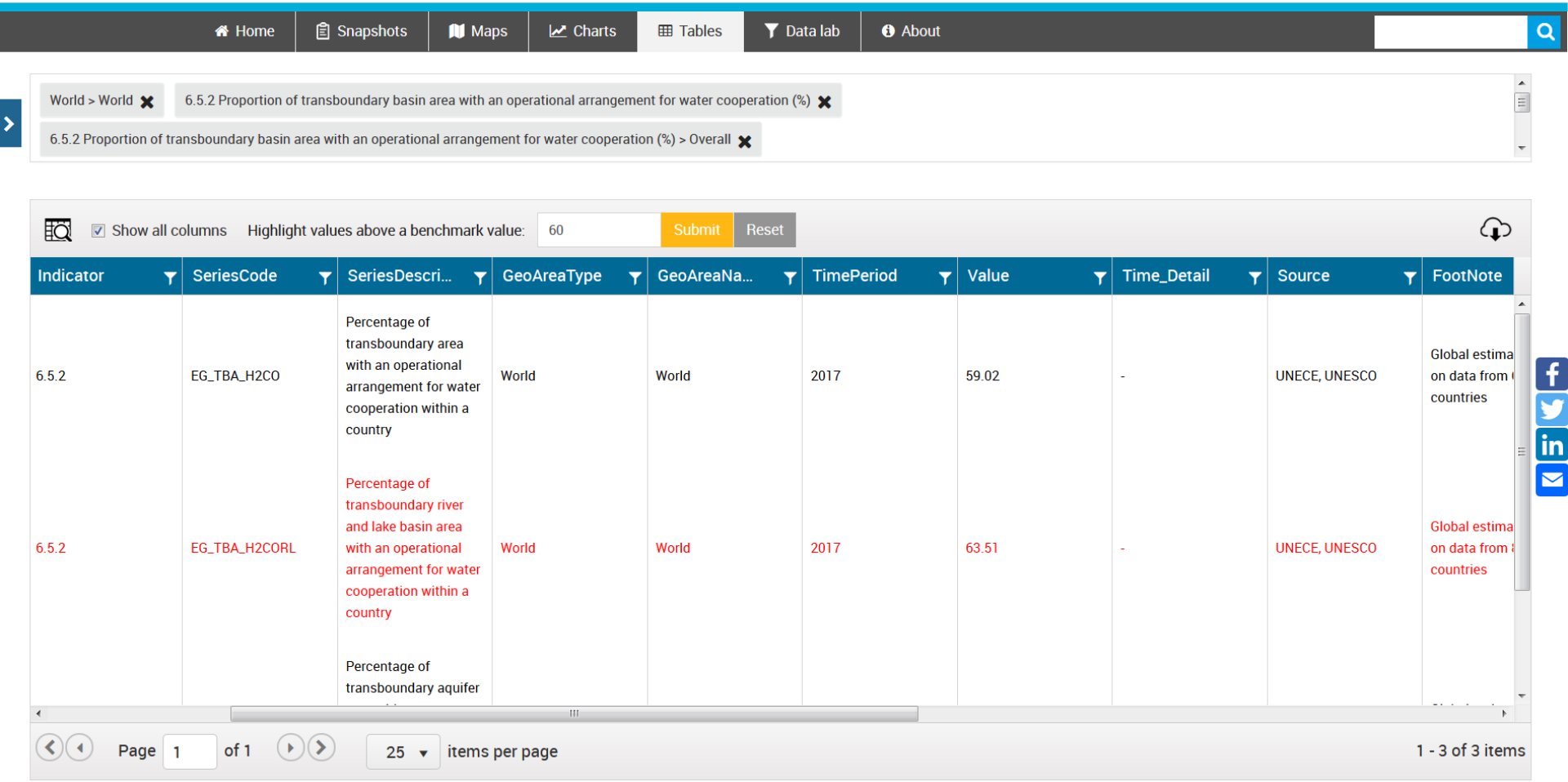
- 6.3.1 Proportion of wastewater safely treated (%) > Household > Total-Japan
- 6.3.1 Proportion of wastewater safely treated (%) > Household > Total-Romania
- 6.3.2 Proportion of bodies of water with good ambient water quality (%) > Overall-Japan
- 6.3.2 Proportion of bodies of water with good ambient water quality (%) > Overall-Romania

Functions:

- Plot multiple indicators together
- Change chart type and legend colours
- Also show similar/max/min/regional values
- Select year, select latest year with data available and play video with progress over time
- Download chart

TABLES

Tables – 6.5.2 Transboundary coop.



Functions:

- Plot multiple indicators together
- Show simple and detailed metadata
- Filter results and define benchmark value
- Download all indicators on harmonized format

DATA LAB

Data lab - example

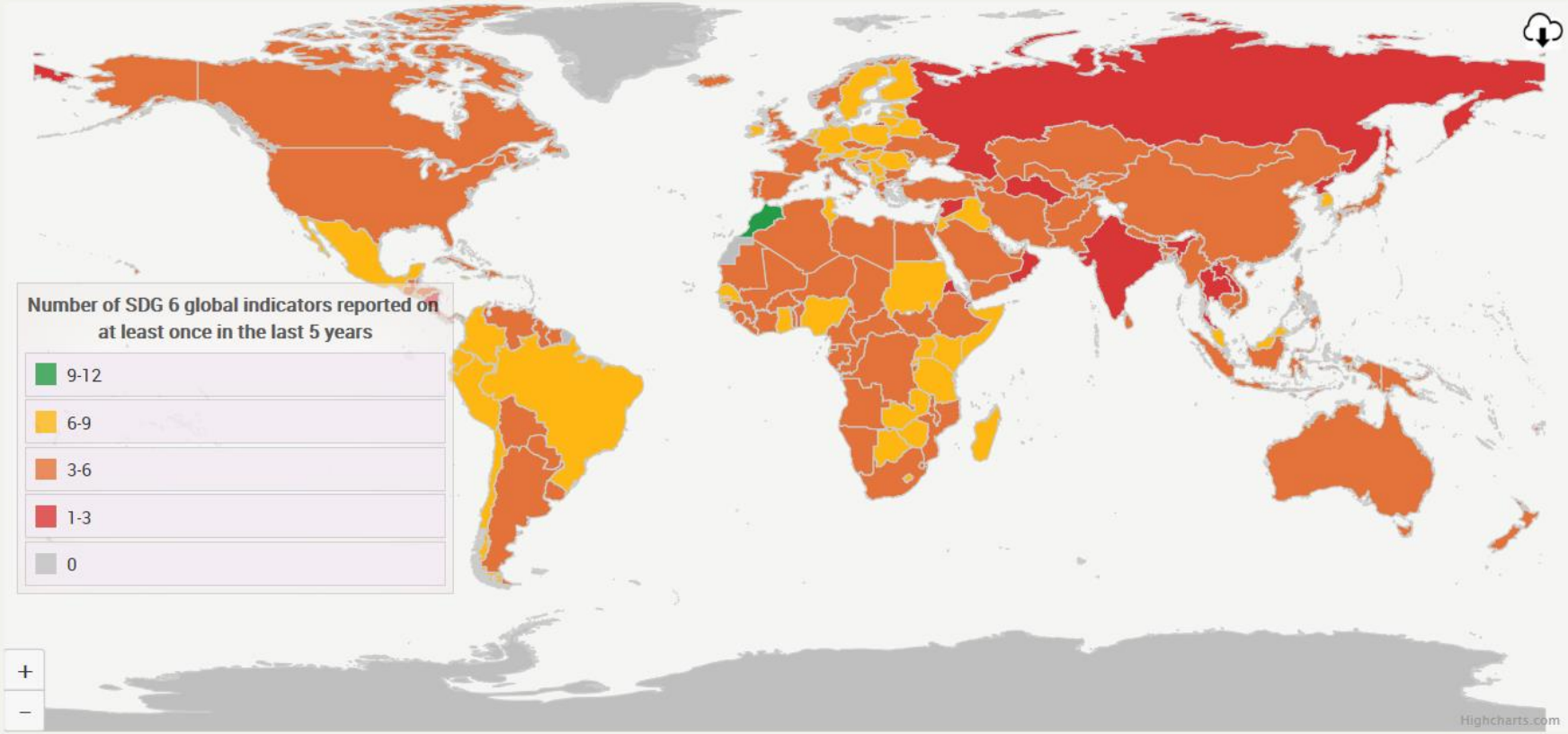
Function: Identify countries that meet a set of user-defined criteria, and its associated population and land area

About - Data gaps

SDG 6 global indicators reported on in the last 5 years

Note that two of the indicators are not applicable to all countries (i.e. 6.5.2 only for countries sharing transboundary waters, and 6.a.1 only for countries receiving official development aid).

by country | by indicator



Next steps

- This presentation of the SDG 6 data portal is a preview, information on work in progress
- Target audience testing will start next week
- We welcome IAEG-SDGs meeting participants to take part in the testing:

http://www.unwater.org/

- The UN-Water SDG 6 data portal will go live during 2019, date to be confirmed.

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Thank you

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