



United Nations
Educational, Scientific and
Cultural Organization



UNESCO
INSTITUTE
FOR
STATISTICS



SUSTAINABLE
DEVELOPMENT
GOALS

Request to Upgrade to Tier II Global Indicator 4.7.1 and 12.8.1

UNESCO Institute for Statistics



Target 4.7



By 2030, **ensure** that all learners acquire the **knowledge** and **skills** needed to promote **sustainable development**, including, among others, through

- ▶ **education for sustainable development** and sustainable lifestyles
- ▶ human rights
- ▶ gender equality
- ▶ promotion of a culture of peace and non-violence
- ▶ **global citizenship** and
- ▶ appreciation of cultural diversity and culture's contribution to sustainable development

Three global indicators



Indicator 4.7.1

Extent to which

- (i) **global citizenship education** and
 - (ii) **education for sustainable development, including gender equality and human rights,**
- are mainstreamed at all levels in:
- (a) national education policies
 - (b) curricula
 - (c) teacher education and
 - (d) student assessment

Tier III

- ▶ No universal definition for ESD and GCED
- ▶ Implementation is not uniform and varies by context

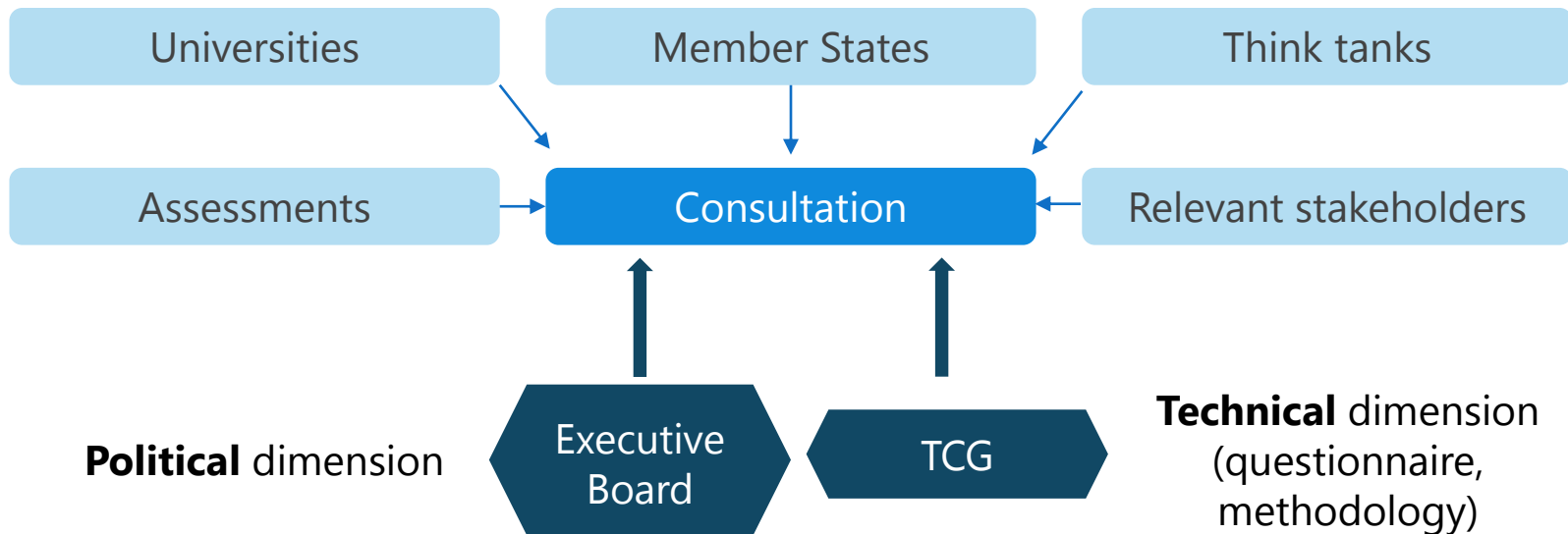


Indicator 12.8.1

Extent to which

- (i) **global citizenship education** and
 - (ii) **education for sustainable development (including climate change education)**
- are mainstreamed in
- (a) national education policies
 - (b) curricula
 - (c) teacher education, and
 - (d) student assessment

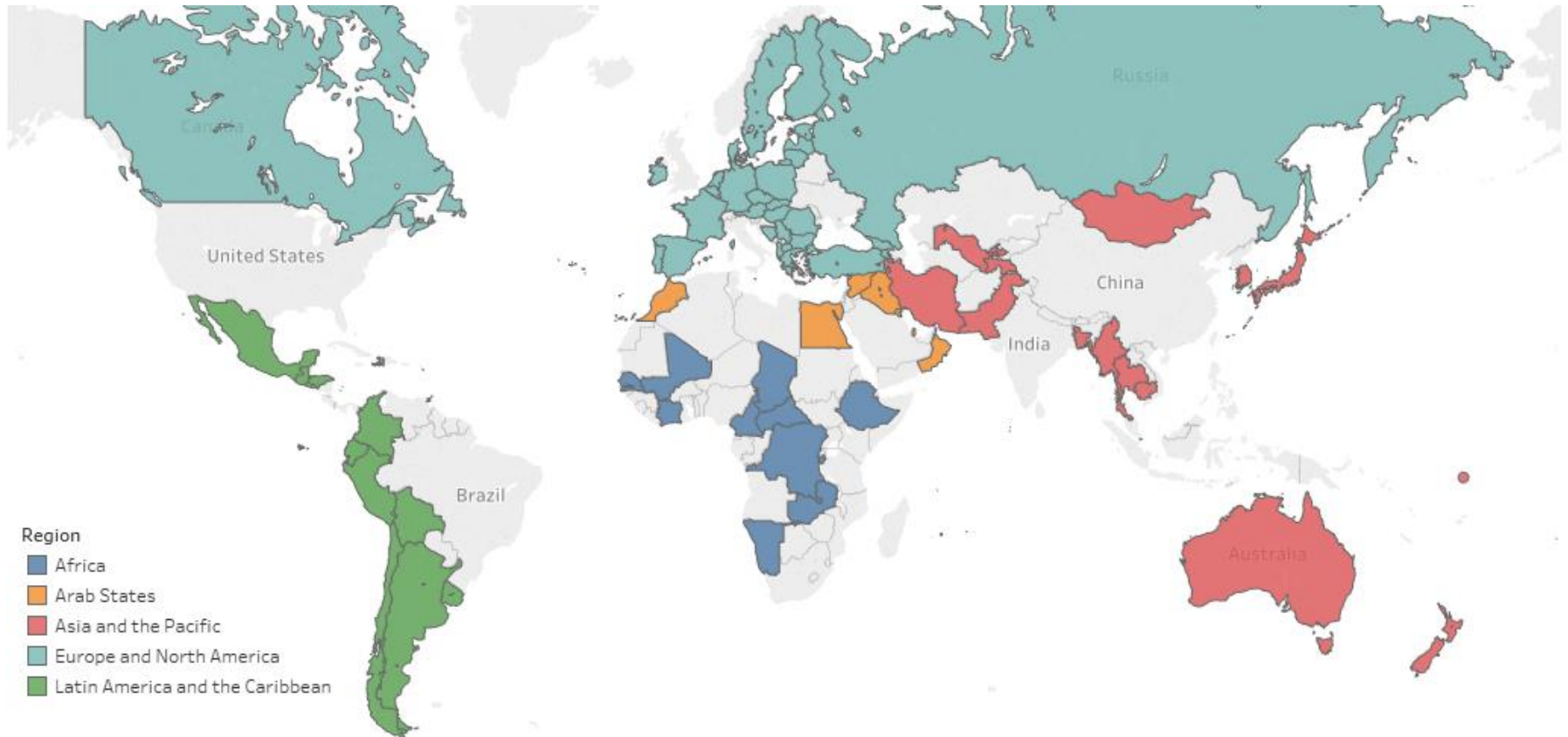
Source of information



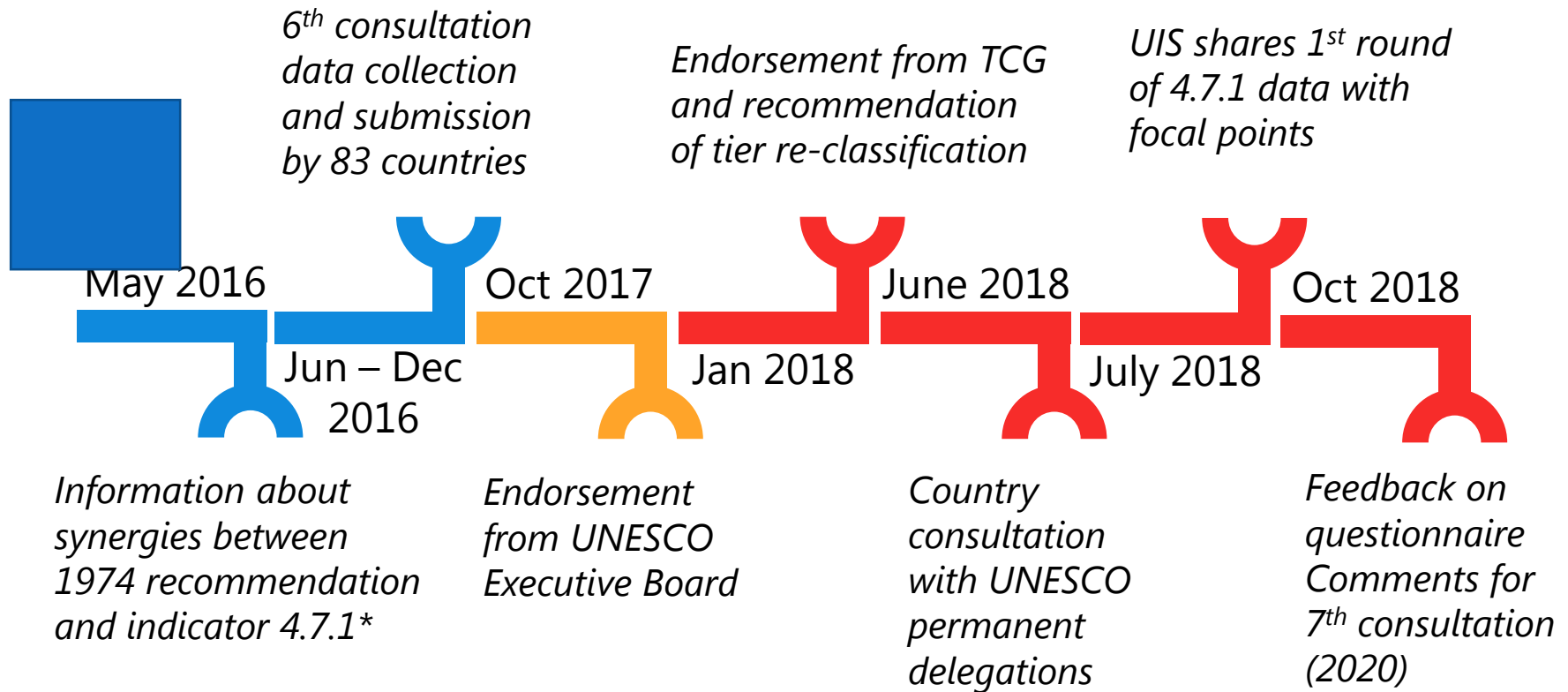
► Uses the **1974 Recommendation consultation** as mechanism to monitor and report on indicator 4.7.1 as one of the sources of information

► **Technical Cooperation Group to Ed 2030 SC** which ensures methodologies are supported by countries, international agencies and civil society. Methodology was endorsed in 2018

1974 Recommendation sixth consultation (1)



1974 Recommendation sixth consultation (2)



* Text sent to Member States: *“As the principles of the 1974 Recommendation are closely aligned to Target 4.7 of the Sustainable Development Goal on education, the monitoring of the implementation of the 1974 Recommendation also is a highly relevant opportunity to follow-up and review the progress towards the achievement of the Target”.*

► **Selection of items** from the 2016 [Recommendation monitoring questionnaire](#) made through two steps:

1. theoretical: selection of relevant questions
2. statistical: principal component analysis

► min-max **standardization** procedure:

$$z_i = \frac{x_i - \min(x)}{\max(x) - \min(x)}$$

► Results are classified in **three groups** for each component; a country might have a different value per component.

► **Value** of indicator per component ranges from 1 to 3

Example of reporting

Country	Education policies	Curricula: content	Curricula: resources	Teacher education	Student assessment
A	2	1	1	1	1
B	1	2	2	1	1
C	3	2	1	3	1

Methodological caveats

▶ Potential **self-reporting bias** → threatens the validity of the data through

- misunderstanding
- social desirability bias

▶ **Solution!**

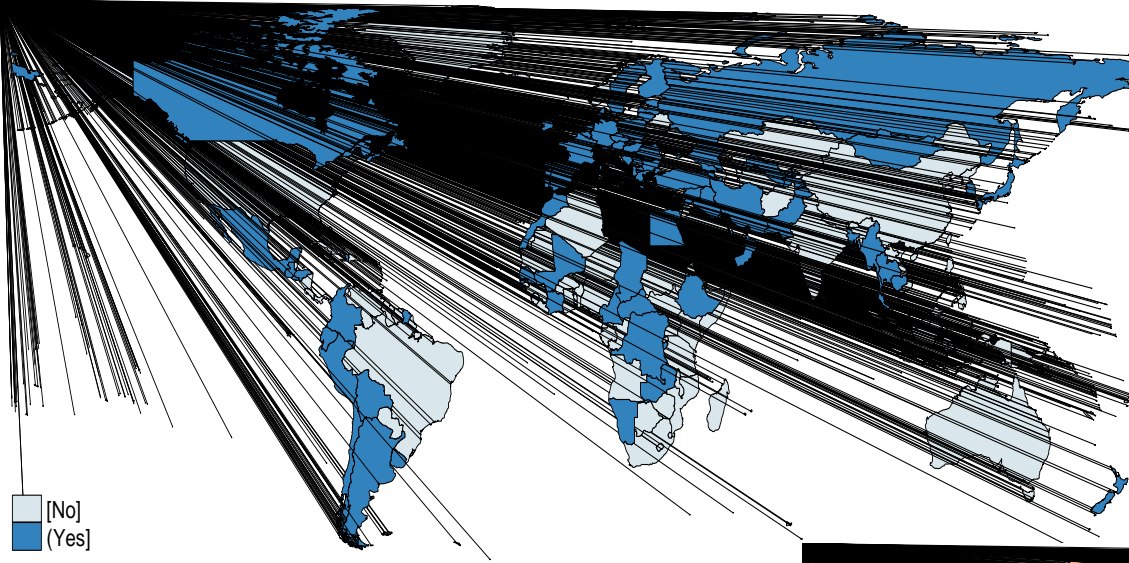
Next round of questionnaire will improve guidelines by giving concrete examples of regulations and will allow uploading the documents that validate the statements

▶ **Additional step!**

Set alternative validation studies

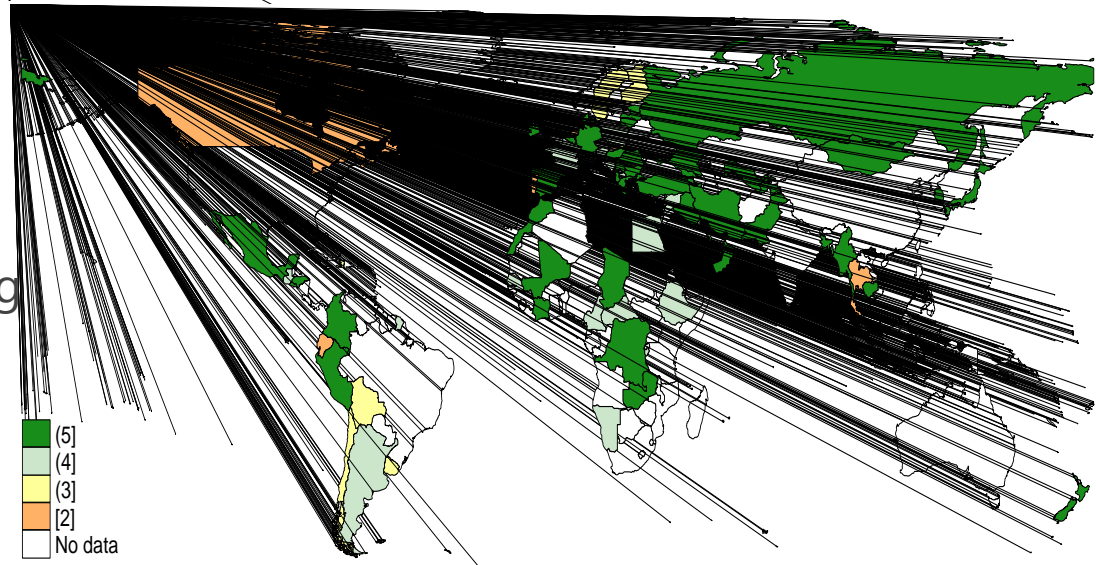
e.g. panel of external reviewers to examine country documentation

Data coverage



Countries **with at least 2 themes** with a value to report for indicator 4.7.1

Countries according to the **number of components** reporting



Next steps (1)

Institutional

▶ The **1974 Recommendation** consultation is one available institutional umbrella to facilitate reporting for indicator 4.7.1 and will remain as one source of reporting and as political umbrella

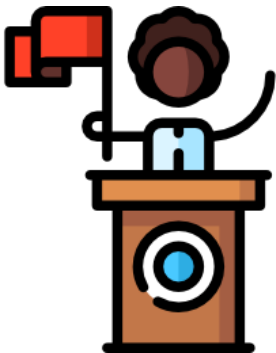
- In last consultation, there was no clear **reference** to indicator 4.7.1: correct this when the next consultation is launched in 2020 with clarification to the UNESCO Executive Board in 2019 and in the questionnaire of 7th consultation in 2020

- **Questionnaire** will be shared with countries after TCG approval

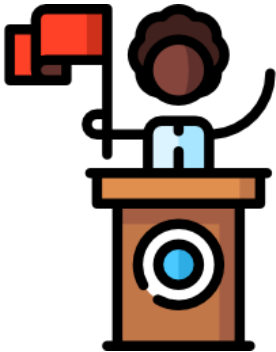
▶ Ensure **inclusion** of all relevant stakeholders

▶ **Validation** once methodology will have two broad actions:

- Through UNESCO permanent delegations for political approval
- Through NSOs and SDG4 focal points, should they exist



Next steps (2)



Analytical work

- UNESCO will engage in work with partners on the following:
- ▶ Precision of conceptual model with mapping of countries definition on constructs and use of coding scheme for ease of comparison
 - ▶ Fine-tuning of the questionnaire
 - ▶ Improvement in guidelines for completion and questionnaire

Reporting

Explore alternative reporting tools and methods in order to increase coverage



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Thank you!

Silvia Montoya

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