Defining and Implementing the SDG Global and Thematic Education Indicator Frameworks

Global Alliance to Monitor Learning
Washington, DC 17 October 2016
Overview of presentation

• **Defining and implementing** the SDG 4 global and thematic indicators
  
  • Defining global and thematic frameworks
  • Country readiness to measure and monitor
  • Implementing the global and thematic frameworks

• Discussion
Global and thematic indicator frameworks include different tracks of development and many players

**Global track:** Led by UN member states  
**Technical lead:** Interagency expert group for the Sustainable Development Goals (IAEG-SDGs)  
**Meets next:** Nov 15-18, Geneva  
**Adoption of global indicator framework**

**Thematic track:** Led by Education 2030 Steering Committee  
**Technical lead:** Technical Cooperation Group (TCG)  
**Meets next:** Oct 26-28, Madrid  
**Aligns work to results of the global track and further develops thematic indicators**
Advancing the indicator frameworks

11 global indicators
- Defining policy targets
- Assigning mandates for indicators
- Establishing mechanisms to shape indicator frameworks
- Reporting and sharing data

43 thematic indicators
- UNESCO / E2030 SC
- UIS integrates global indicators from IAEG-SDGs and convenes Technical Cooperation Group

11 global indicators:
- UN General Assembly
- UN Statistical Commission
- Inter-Agency Group on the Sustainable Development Goals (IAEG-SDGs)
- UN Statistical Division (SDG Database)

43 thematic indicators:
- UNESCO Institute for Statistics
Defining SDG4 indicators: the global track

- IAEG-SDG submitted proposal for **11 global indicators** to UN statistical Commission (UNSC) (February 2016)
- 47th Session of UNSC **approved** IAEG report and so adopted the indicators (March 2016)
- ECOSOC noted the decisions regarding the indicator framework made by UNSC (June 2016)
- United National General Assembly (UNGA) – September 2016
- Open consultation on refining indicators – SDG 4 not changed
- Adoption of global indicators in 2017
Defining SDG4 indicators: the thematic track

• March 2014-May 2015: proposal for the **43 thematic indicators** developed and incorporated in the Framework for Action at the World Education Forum

• TAG/TCG expanded in 2015 to Member States and CSOs to further refine the framework

• New thematic indicators incorporated in Annex II of the E2030 FFA as *working draft*

• Education 2030 Steering Committee to consider proposal
Regional survey of country readiness to report SDGs

• National experts assessed their country’s readiness to monitor SDG4 - Education 2030 indicators
  • 11 global indicators
  • 43 thematic indicators (including global indicators)

• Data were collected in 4 regions (125/146 or 80% of countries) from January to April 2016

• Limitations in interpretation
  • not an in-depth assessment but fit for purpose approach
  • some indicators were still not well-defined – difficult for countries
Survey results: are countries ready to monitor SDG 4?

Data availability (in %) by global indicator for 121 countries

- **Trained teachers**
  - Pre-primary: 76%
  - Primary: 69%
  - Secondary: 67%
  - Tertiary: 58%

- **GCE/ESD**
  - Pre-primary: 36%
  - Primary: 25%
  - Secondary: 21%
  - Tertiary: 19%

- **Digital literacy**
  - Pre-primary: 9%

Data availability for Target 4.1 indicators varies by region and level

<table>
<thead>
<tr>
<th>Reading</th>
<th>Grade 2 or 3</th>
<th>End of primary education</th>
<th>End of lower secondary education</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asia and the Pacific</td>
<td>47</td>
<td>50</td>
<td>42</td>
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<tr>
<td>Arab States</td>
<td>47</td>
<td>65</td>
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<tr>
<td>Latin America and the Caribbean</td>
<td>81</td>
<td>69</td>
<td>62</td>
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<tr>
<td>Sub-Saharan Africa</td>
<td>80</td>
<td>68</td>
<td>33</td>
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<tr>
<td>All regions</td>
<td>65</td>
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<td>46</td>
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<td>68</td>
<td>43</td>
</tr>
<tr>
<td>All regions</td>
<td>57</td>
<td>68</td>
<td>51</td>
</tr>
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Source: UIS regional assessments of system readiness to monitor SDG 4, 2016
Data availability for Target 4.6 by indicator

Percentage of population with a fixed level of proficiency in functional literacy and numeracy skills

Participation rate of youth/adults in literacy programmes

Youth/adult literacy rate

Source: UIS Regional Surveys of SDG data availability, 2016
Data disaggregation is limited for some variables

Data availability (in %) by disaggregation for 121 countries

- By wealth: 14%
- By disability status: 19%
- By age: 63%
- By location: 74%
- By sex: 85%

Implementing the thematic indicator framework

- For the full list of 43 thematic indicators, definitions, methodologies and latest available data for the world, see:

  http://www.uis.unesco.org/Education/Pages/sdg4-eatlas-launch.aspx
### Thematic indicators: some will require more efforts

<table>
<thead>
<tr>
<th>SDG 4 target</th>
<th>Number of indicators</th>
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<tr>
<td>4.1</td>
<td>7</td>
</tr>
<tr>
<td>4.2</td>
<td>5</td>
</tr>
<tr>
<td>4.3</td>
<td>3</td>
</tr>
<tr>
<td>4.4</td>
<td>2</td>
</tr>
<tr>
<td>4.5</td>
<td>Parity indices +4</td>
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<tr>
<td>4.6</td>
<td>3</td>
</tr>
<tr>
<td>4.7</td>
<td>5</td>
</tr>
<tr>
<td>4.a</td>
<td>5</td>
</tr>
<tr>
<td>4.b</td>
<td>2</td>
</tr>
<tr>
<td>4.c</td>
<td>7</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>43</strong></td>
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### Key platforms for implementing the SDG measurement agenda

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<th><strong>Technical Cooperation Group (TCG)</strong></th>
<th><strong>Global Alliance to Monitor Learning (GAML)</strong></th>
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<tr>
<td><strong>What?</strong> TCG on the Indicators for SDG 4-Education 2030 recommends approaches and actions to develop the methodologies and improve data availability for thematic monitoring indicators</td>
<td><strong>What?</strong> It addresses measurement challenges based on consensus in learning assessment while improving coordination. It develops standards, guidelines and data quality frameworks for learning assessments</td>
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<td><strong>Who?</strong> Technical experts and representatives from 28 countries, civil society, international agencies and chaired by UIS and Education 2030 SC.</td>
<td><strong>Who?</strong> Multi-stakeholder initiative, including technical experts from international agencies, countries, civil society and research and academia</td>
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<td><strong>What next?</strong> Meets 26-28 October to finalise the thematic indicator framework and establish indicator task forces</td>
<td><strong>What next?</strong> Meets 17-18 October in Washington, DC to advance work in key areas towards strengthening national measurement of learning indicators</td>
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### TCG actions: work plan for 2016

| **1st TCG meeting in May 2016** | 25 countries (IAEG and E2030 SC); Education International and CCNGOs; UNICEF, OECD, WB, GPE, UNESCO |
| **First step of the implementation strategy** | Consider alignment to global indicators (IAEG-SDGs) and development of metadata |
|  | Review questionable indicators because of poor alignment with target: WG 1 |
|  | Implementation of tier 2 and 3 indicators: WG 2 |
| **2nd TCG meeting in Oct 2016** | Recommendation for list of indicators and placeholders and agreed metadata |
|  | Data readiness study to guide capacity building |
|  | Recommendations on implementing indicators with difficulties (WGs) |
Next steps: what is required to improve thematic reporting for the SDGs

• Identify problems in data coverage of Tier I indicators - take actions to improve national reporting

• Improve data coverage for Tier II indicators - move to Tier I in 2017 where possible (should be the rule not the exception)

• Develop methodologies for Tier III indicators

• UIS to discuss SDG4 work plans with countries that start from regional survey results and link into the country guidelines and a set of tools for working with countries
Thank you

www.uis.unesco.org

http://data.uis.unesco.org/
**Next steps:** what a country needs to do for national statistical systems and global reporting for the SDGs

<table>
<thead>
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<th>For national statistical systems</th>
<th>For global reporting on the SDGs</th>
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<tr>
<td>Establish national standards and protocols</td>
<td>Align relevant constructs/data collections to meet standards</td>
</tr>
<tr>
<td>Integrate regional recommendations</td>
<td>Fulfil minimum quality assurance related to data</td>
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<tr>
<td>Adopt international codes of practice and classifications</td>
<td>Harmonise data global reporting metrics</td>
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</tbody>
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Flows of data reporting, dissemination and development

- Data reporting
- Data dissemination
- Data development

National statistical system → UNESCO Institute for Statistics → UIS Database for SDG 4 (11 global Indicators, 43 thematic indicators) → UNSD Global SDG database

Regional / International Organizations → Technical Cooperation Group → Thematic interagency groups → Global Alliance to Monitor Learning

Source: UNESCO Institute for Statistics