

Thirteenth session
Geneva, 29-30 June 2017
Palais des Nations
Meeting room IX



Joint Task Force on Environment Statistics and Indicators

SEIS reporting: Data quality in Shared Environmental Information System (SEIS) reporting

Agenda Item 3

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What was agreed during the WGEMA meeting?

Timeline

Jul. to Sep. 2017	1. Finalising the SEIS Assessment Framework and piloting the Reporting Application.
Oct. to Dec. 2017	2. Data provision
Jan. to Mar. 2018	3. Analysis and compilation: Producing the first draft of the SEIS mid-term assessment.
Apr. 2018	4. Validation process: Review and verification
June 2018 (TBC)	5. Presenting the draft mid-term assessment during 20th Session of the Working Group.
Jul. to Aug. 2018	6. Review by reviewers, including all members of the Working Group.
Sep. 2018	7. Submission to the Committee on Environmental Policy.

Recapping: Reviewing the review criteria, SEIS targets and performance indicators.

Criteria for Review

- I. Online accessibility
- II. Update regularity
- III. Production methodology
- IV. Data interpretation and use
- V. Data sources

The SEIS Assessment Framework

- 31 questions (including two sub-questions) are grouped according to the components of the ECE data quality framework:
 - Relevance
 - Accuracy
 - Timeliness and punctuality
 - Accessibility
 - Clarity
 - Comparability
 - Institutional and organizational arrangements
- Each question should be answered at the general or indicator level.
 - 16 are at a general level (covering all indicators)
 - 15 are at the indicator level.
- Sixteen questions are of the yes/no type, six provide a range of options and two are open.

SEIS Mid-Term Assessment

1

Reviewing SEIS establishment in Central Asia and Europe

Piloting the SEIS Assessment Framework and the Reporting Application.

2

Special issue with Environmental Science & Policy on the Shared Environmental Information System (SEIS)

9 peer-reviewed articles written by researchers and practitioners working on SEIS.

3

Country Profiles

Based on outputs from the Reporting Application.

The SEIS Assessment Framework

Table 2
Updated SEIS assessment framework

<i>Question</i>	<i>Format</i>	<i>Self-assessment by member State and/or review by secretariat</i>	<i>General or indicator level</i>	<i>Purpose</i>
Relevance				
1. Do you collect user feedback to assess whether the statistics are fit for purpose?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Self-assessment	General	Identify whether the information is adjusted to the users' needs
2. Do the indicators produced satisfy the demand (and/or reporting obligations) of current and potential users?	<input type="checkbox"/> Yes <input type="checkbox"/> No	Self-assessment	General	Assess the impact of an indicator
3. How have you improved the relevance of your statistics for users?	Open question	Self-assessment	General	See the actions taken to improve the needs of the users

The SEIS Assessment Framework

- 31 questions (including two sub-questions) are grouped according to the components of the ECE data quality framework:
 - **Relevance**
 - Meeting the needs of current and future users.
 - **Accuracy**
 - Closeness of statistical estimates to true values.
 - Plausibility of the data.
 - Credibility of the data.
 - **Timeliness and punctuality**
 - Length of time between data collection and publication.
 - Time lag between expected and actual publication of the data.

The SEIS Assessment Framework

- 31 questions (including two sub-questions) are grouped according to the components of the ECE data quality framework:
 - **Accessibility**
 - Physical conditions in which users can obtain data.
 - **Clarity**
 - Metadata
 - Sources
 - **Comparability**
 - Internationally agreed statistical techniques.
 - Comparability over time and across countries.
 - **Institutional and organizational arrangements**
 - Data producers and associated institutional arrangements

Next steps

- I. Online accessibility
- II. Update regularity
- III. Production methodology
- IV. Data interpretation and use
- V. Data sources

Performance Score										
	On-line accessibility		Update regularity		Production methodology		Data interpretation and use		Data source	
	20%		20%		20%		20%		20%	
Dataset	1	0.2	1	0.2	1	0.2	1	0.2	1	0.2

Aggregated score

Rating was done with a “yes” (value of 1) or “no” (value of 0)

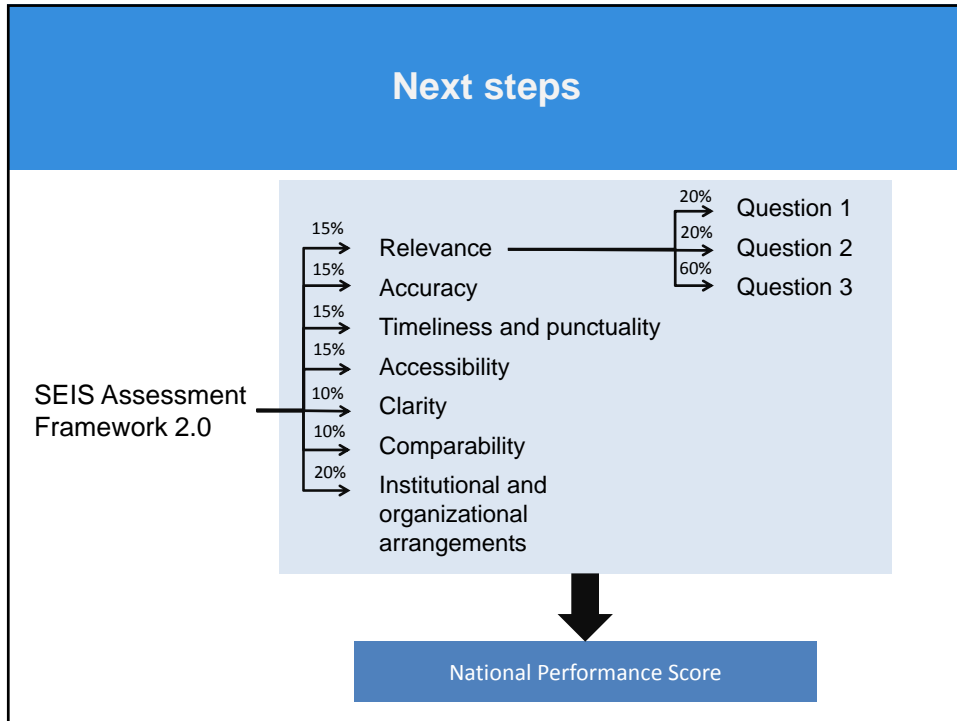
100%

Next steps

SEIS Assessment Framework 1.0

20%	→	Online accessibility
20%	→	Update regularity
20%	→	Production methodology
20%	→	Data interpretation and use
20%	→	Data sources

National
Performance
Score



Thanks for your attention