



Subprogramme 7 - Environment under Review

- Programme Performance Report (January-June 2018)
- Programme of Work 2020-2021

Annual Subcommittee Meeting, 22-26 Oct 2018

Subprogramme 7 Environment under Review Programme Performance Report



Medium Term Strategy 2018-2021

- 2030 vision aligned to SDGs
- Overall strategic direction

Programme of Work 2018-2019

First biennial plan -
6 month performance

Programme of Work 2020-2021

Second biennial plan -
proposed revisions

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The impact of Subprogramme 7 Environment under Review by 2030

To realize the 2030 vision, we will continue to focus on keeping the environment under review. This will be done by strengthening the science-policy interface through:

- (i) Developing policy-relevant environmental assessments,
- (ii) Identifying emerging issues,
- (iii) Issuing early warnings, and
- (iv) Assisting in SDG follow-up and review.

Environment under Review deliverables



Expected Accomplishment: Governments and other stakeholders are empowered with quality assessments and open access to data and information to deliver the environmental dimension of sustainable development

Our delivery is guided by the Medium-Term Strategy and UN Environment Assembly resolutions. The following could be seen as indicators for success for achieving the 2030 vision:

- All countries are fully reporting on environment-related SDG indicators.
- Policy action on the environmental dimension of sustainable development is based on the use of environmental data and information, and assessments.



Highlights from the Director of Science - 1

- A solid **GEO-6** process is nearing completion: a major 2 year process with hundreds of authors and stakeholders involved, and a **recognized scientific credibility**
- Our platform for **data and statistics** on SDGs and environmental reporting now hosts data for over 1,000 indicators (social, economic, environmental, SDGs)
- New methodologies were developed to **monitor SDG indicators**, and staff in over 40 countries being trained on environmental and SDG data management
- The **Emission Gap Report** continues to have high impact globally
- Enhancing Environment Live: the new **World Environment Situation Room**



- The next issue of **Frontiers** will bring to your attention several important emerging issues:
 - Synthetic Biology
 - Landscape Connectivity
 - Governance of Geoengineering
 - Permafrost & Peatlands
 - ‘Down-the-drain’ Chemicals
- **Foresight Briefs & SDG Policy Briefs** – our regular updates on key issues, in environmentlive.unep.org
- The **Science-Policy-Business Forum**: stepping-up engagement with private sector
- Important thematic studies: **alternatives to plastic** materials; **low-cost air quality** tools; the **global oceans** assessment process, etc.
- UN Environment’s Chief Scientist has **convened major UN assessments** (IPCC, IPBES, IRP, GSDR and GEO) to strengthen synergies



Questions and Answers

**About environment
under review**

Contact information

Lead Director: Jian Liu (jian.liu@un.org)

Coordinator: Rula Qalyoubi (rula.Qalyoubi@un.org)

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Our SP7 Framework



Support Governments achieve 2030 Agenda

Across UN Organizations

Civil Society

Science Community

Private Sector

Across Subprogrammes

SDGs

Policy
Informed
by
Science

Assessments

Data through Environment Live

Measuring the impact of Suprogramm 7 through the PoW 2018-2019

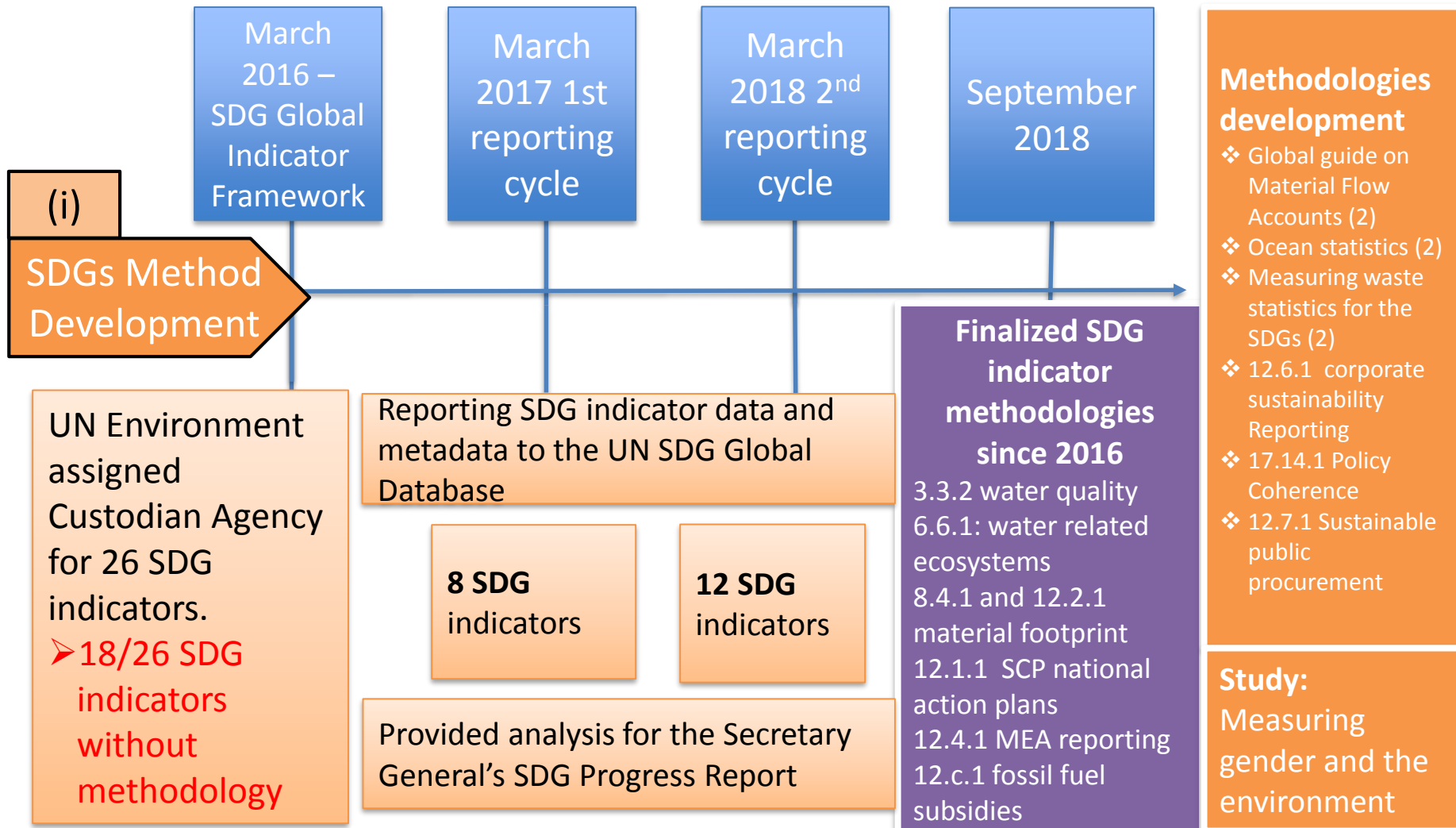


EA:
 Governments and other stakeholders are empowered with quality assessments and open access to data and information to deliver the environmental dimension of sustainable development

INDICATORS

(i)	Increase in the number of tagged and maintained datasets
(ii)	Increase in the number of countries reporting on SDGs
(iii)	Strengthening of the science-policy interface
(iv)	indicators to measure the environmental dimension of sustainable development (UN Environment Live)
(v)	Relevance of our work to individuals
(vi)	Relevance of our work to institutions
(vii)	Level of accessibility and ease of use of UNEP environmental information

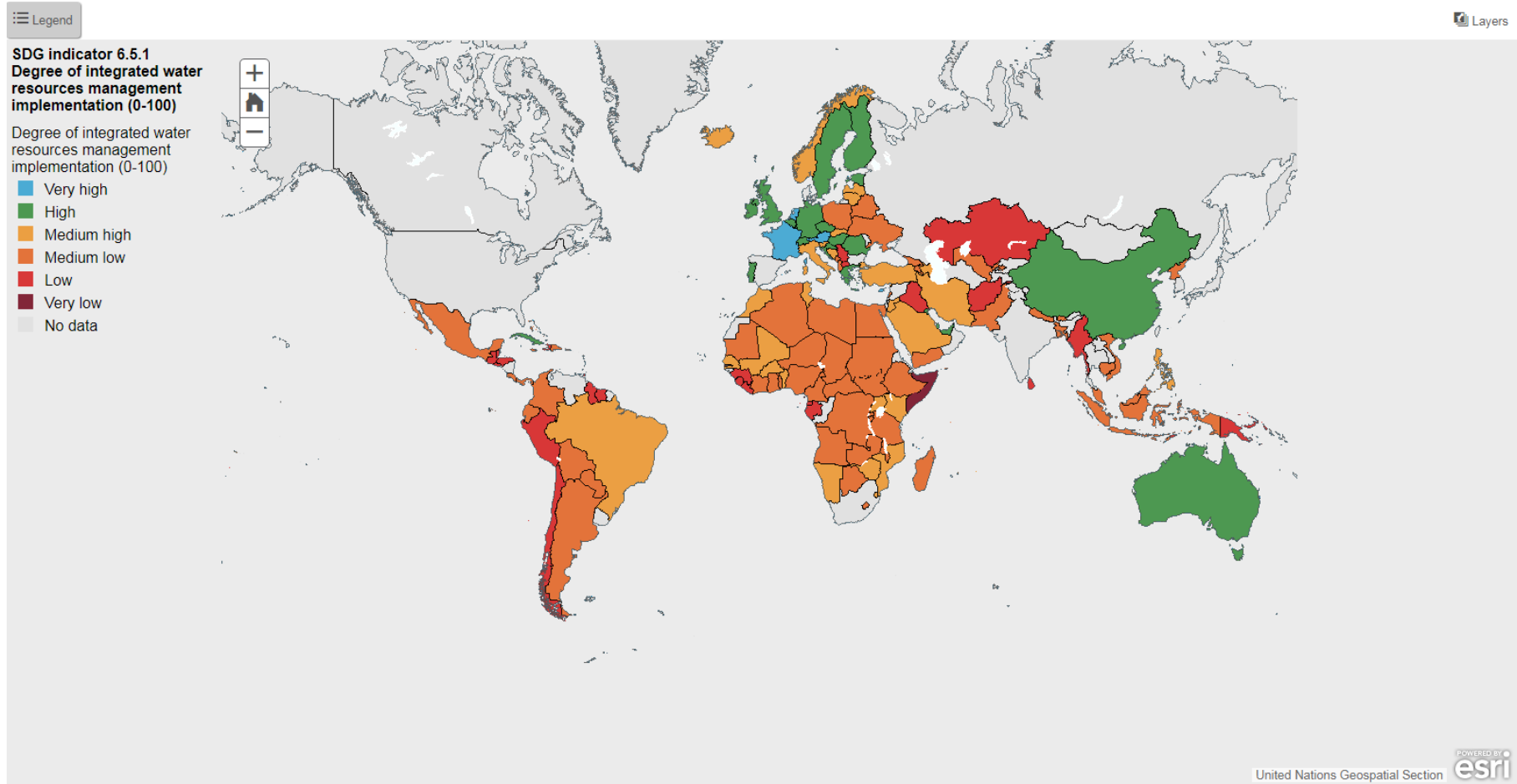
Progress January – July 2018: Status and progress on SDG Indicators





Visual: Reporting on environmental dimension of SDGs

Example - SDG Indicator 6.5.1 integrated water resource management



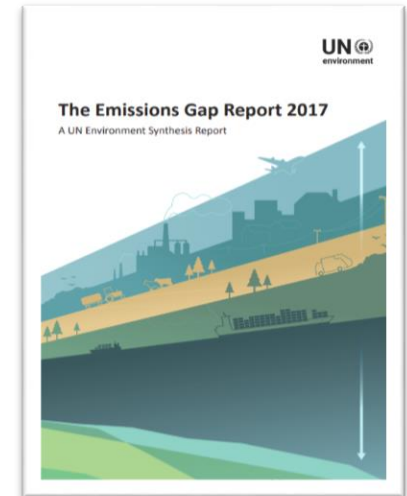
*<http://www.sdindex.org/assets/files/2018/02%20SDGS%20Country%20profiles%20edition%20WEB%20V3%20180718.pdf>

Progress January – July 2018: Evidence-based policymaking



(iii)
Strengthening
of the science-
policy interface

- Evidence-based policymaking informed by robust data and assessments fully integrates the environmental dimension of SDGs, resulting in innovative ways for policy enabled by assessments



HEALTHY
PLANET
HEALTHY
PEOPLE





HEALTHY
PLANET
HEALTHY
PEOPLE

- A key process to strengthen the **science-policy interface**
- Informing decision-makers on the **status, trends and outlook** of the global environment
- Outlining **policy options**, best practice examples
- Assessing **progress against the environmental dimension** of the Agenda 2030 and other environmental goals
- Process **now fully funded** thanks to support from multiple donors and UN Environment core resources

Challenges

- Insufficient human resources
- Unpredictable financial resources

Progress to date

- On track for delivery at UNEA-4
- Technical peer review completed
- Summary (SPM) drafted
- Inter-governmental SPM review January 2019
- Scientific Integrity of GEO-6 Endorsed



The Global GEO-6 process in numbers:

- **Members of Advisory Bodies: 78** [High Level Group – 33; Scientific Advisory Panel – 23; Assessment Methodology Group – 12]
- **Authors: 146** [Authors – 120; Young Fellows- 26]
- **Quality Assurance: 41** [Review Editors- 36; Science and Copy Editors- 5]
- **UN Team: 301** [UN Environment chapter coordinators- 15; GEO-6 core team- 7; Wider team of UN expert reviewers- 279]
- **Peer Reviewers: >1,370** [Technical reviewers- 1,006; Intergovernmental reviewers and government review focal points- 364 (noting that each government focal point coordinates inputs from several experts)]
- In total the GEO-6 assessment has been **reviewed five times** at different stages of its development and the process has yielded a **total of 14,388 comments** that were addressed by the authors.
- The **gender and geographical balance** in all advisory bodies and in the community of authors was ensured through close collaboration between the UN Environment team and the Scientific Advisory Panel
- The GEO-6 Global process was completed over a period of **18 months**, with a total of **7 face-to face meetings** organized and several **hundreds of virtual conference calls** to coordinate and support advisory bodies and the community of authors



Group Photo during the Third Global Author's Meeting in Guangzhou, China





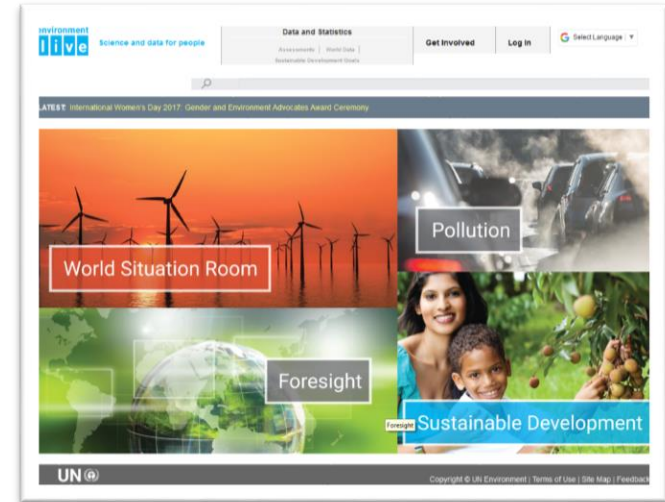
Progress January – July 2018:

Big Data on the Environment Initiative

Environment Live and link to SDG indicators and Global Monitoring

(iv)

Number of indicators to measure the environmental dimension of sustainable development made through Environment Live



- **Environment Live Global Database** contains more than a 1,000 indicators (Social, Economical and Environmental)
- **387 UN Environment Indicators**, including the **26 SDG Indicators** where UN Environment is the custodian agency



Disaggregated data by Gender - employment in the Agricultural Sector

Science and data for people

Data and Statistics
Get Involved
Log In
Select Language

Science and data for people

Data and Statistics
Get Involved
Log In
Select Language

[Region Profile](#)
[Maps and Data](#)

[Sustainable Development Goals Dashboard](#)
[Regional Environmental Agreements](#)

[Resources](#)
[Data Downloader](#)

[Africa](#)

Africa

Select Country/Region/Global

Maps
Data
Regional Data
Energy Profile

Agriculture employment, female

Data Source: ILO ,Key Indicators of the Labour Market (KILM)

Year	% of employed females
1991	60.5
1992	60.8
1993	60.8
1994	60.2
1995	57.5
1996	80.0
1997	57.5
1998	58.5
1999	58.0
2000	57.8
2001	57.5
2002	51.5
2003	71.0
2004	64.5
2005	84.0
2006	57.5
2007	57.8
2008	57.8
2009	57.5
2010	53.5
2011	53.5
2012	53.5
2013	53.5
2014	53.5
2015	53.5
2016	53.5
2017	53.5

Definition:
Percentage of female employment in agriculture, hunting, forestry and fishing in total female employment.

Analyze one indicator across regions

Select regions

Select countries

Select indicator

Select year(s)
from: to: (optional)

Graph options

Graph type:
 Area
 Bar
 Column
 Line
 Spline

*Pending data availability

Our Collaborating Centers



GRID and Data Centres



GRID and Data Centres
● Existing GRID Centres
● Proposed Data Centres

On the utilization and access of our reports and environmental trends data



(vi)

Number of relevant global, regional and national forums and institutions using data on environmental trends

(vii)

Accessibility and ease of use of UNEP environmental information



GEF/GCF Climate Information & Capacity Development Portfolio



- Building national capacities for **environmental information management and use**
- Strengthening **national environmental monitoring**, assessments, reporting and actionable information products for **decision-making and policy action**
- Supporting **evidence-based integrated national planning** for environment and sustainable development
- Piloting **innovative approaches** to evidence-based environmental management
- Enhancing **climate information and knowledge** services for resilience
- Regional and sub-regional **networking on environmental and climate information** for policy making

12 Projects in 61 Countries



1 Global project (Capacity building for national and regional environmental information): > 40 Countries



1 Regional project (GEF): 14 Countries



10 Individual GEF Country projects

Portfolio Overview



GEF Cross cutting capacity dev portfolio
\$ 36M Total funding;
\$ 15M GEF Grants



GCF portfolio

Division recently designated GCF portfolio manager
18 Readiness projects underway
Climate Information pipeline

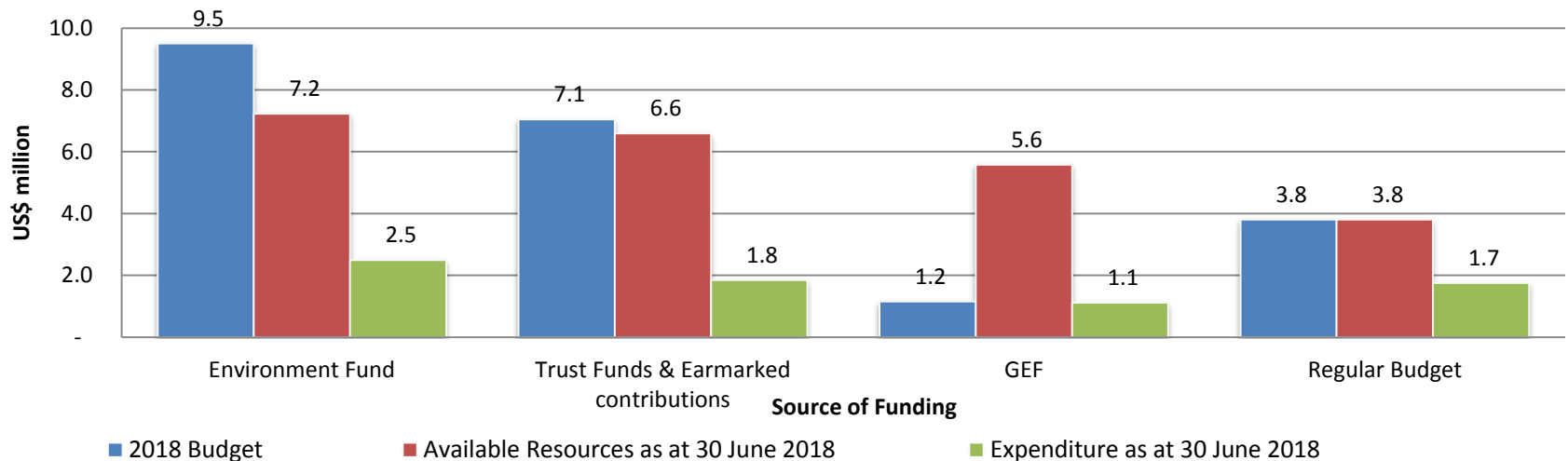
2018-2019 Programme Performance Report January to June 2018



2018-2019 Environment under Review

Fund Type	2018 Budget	Available Resources as at 30 June 2018	Expenditure as at 30 June 2018
Environment Fund	9.5	7.2	2.5
Trust Funds & Earmarked contributions**	7.1	6.6	1.8
GEF**	1.2	5.6	1.1
Regular Budget	3.8	3.8	1.7
Total	21.6	23.2	7.1

*Includes allocations of US\$0.5m
** Multi year allocation



Challenges

- Suboptimal in-country capacity for data management
- Open-access data scarcity / availability
- Enhancing Environment Live
- Lack of adequate financial and human resources to fulfil our global mandate

Opportunities



- Increasing contribution to UN system and the High-Level Political Forum on Sustainable Development
- Solid processes in place in UN Environment for SDG monitoring and undertaking major global/thematic Assessments
- Strong network of partners and in-kind support



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Environment under Review subprogramme alignment with SDGs

The SP7 will support the achievement of the Agenda 2030 through

Data and statistics on the environmental aspects of the Agenda 2030

Capacity development on SDGs and Environmental data management

Major Assessments to inform policy across the Agenda 2030 global, thematic, emerging issues, foresight





(i)

Increase in the number of tagged and maintained datasets available in the United Nations system data catalogue enabling systematic user access to relevant data on the environmental dimension of the Sustainable Development Goals

Change to:

Increase in the number of SDG indicators for which UN Environment is Custodian Agency, for which UN Environment reports data to the Global SDG Database

(iii)

Strengthening of the science-policy interface by countries based on the use of data, information and policy analysis in the areas of environmental performance (such as air quality, water quality, ecosystems, biodiversity, waste and hazardous chemicals, the marine environment and emerging issues, among others)

Change to:

Strengthening of the science-policy interface by countries based on the use of data, information and policy analysis



(v)

“Increased number of people belonging to different major groups and stakeholders acknowledging the relevance and usefulness of data and environmental information made available by UNEP”

This indicator is **deleted** because it is not SMART:

- a. It is not Specific
- b. nor it is Measurable
- c. It is not achievable
- d. Not Relevant and not time-bound

There is an overlap between indicator (v) and (vi)

UN Environment Assembly Resolutions

Resolutions # 1.4 & 3.2: the Sixth Global Environment Outlook

Important Background Documents to inform Member States:

- Taking stock of the recently completed **independent external evaluation of the GEO-6 process** – report available. Overall rating: **Satisfactory** performance achieved
- **Scoping study on the future of GEO** – looking at all options for the future – report in Nov/Dec
- **Presentation of the above reports to Member States**, latest in December 2018 or January 2019
- **Possible Resolutions at UNEA-4:** (a) adoption of GEO-6, and (b) charting the future of the GEO process



The GEO-6 is on track for delivery at UNEA-4

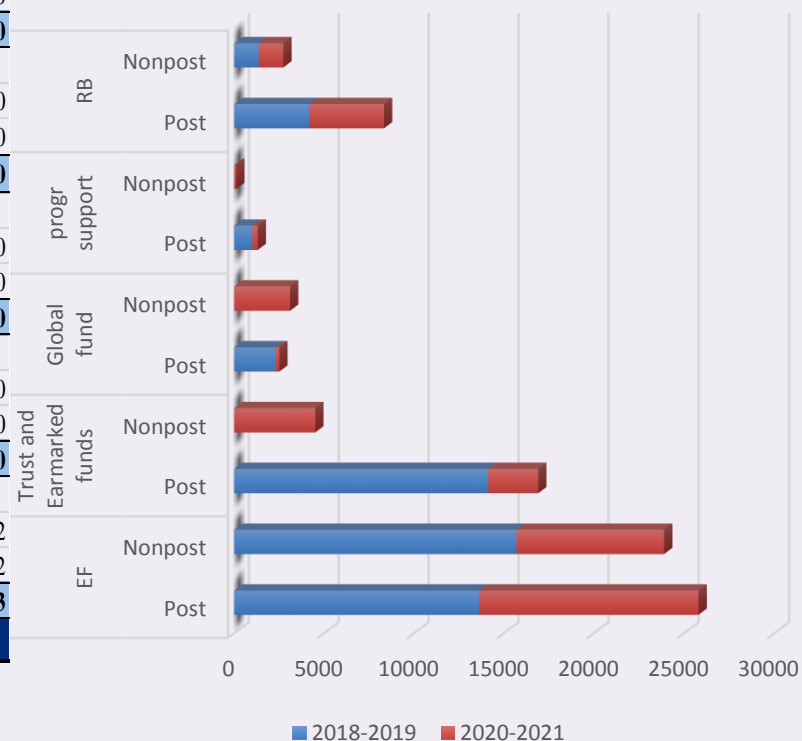
- 2-year process nearing completion. Hundreds of authors and stakeholders involved.
- Draft of the Summary for Policy Makers available in 2 weeks
- Process now largely funded thanks to stepped-up UN Environment core resources and support from: EU, Norway, Italy, Denmark, China, Mexico, Singapore, Egypt, Thailand, Netherlands, Germany
- Scientific Advisory Panel has provided a positive opinion on the scientific integrity of the Global Environment Outlook process
- They were particularly impressed with the **peer review process**, the **geographic and gender balance** achieved and the extent to which the Secretariat adopted the Panel's recommendations
- UN Environment Chief Scientist has convened **major UN assessments** (IPCC, IPBES, IRP, GSDR and GEO) to compare success stories and identify synergies across these assessments



Budget for 2020-2021 compared to the 2018-2019 by post/nonpost

Financial Resources (thousands of United States dollars)			
Category	2018-2019	Changes	2020-2021
A. Environment fund			
Post	13,600	(1,400)	12,200
Non-post	15,700	(7,500)	8,200
Subtotal A	29,300	(8,900)	20,400
B. Trust and earmarked funds			
Post			2,800
Non-post	14,100	(6,800)	4,500
Subtotal B	14,100	(6,800)	7,300
C. Global trust funds			
Post			200
Non-post	2,300	1,000	3,100
Subtotal C	2,300	1,000	3,300
D. Programme support costs			
Post			300
Non-post	1,000	(600)	100
Subtotal D	1,000	(600)	400
E. Regular Budget			
Post	4,162	-	4,162
Non-post	1,362	-	1,362
Subtotal E	5,523	-	5,523
Total (A+B+C+D+E)	52,223	(15,300)	36,923

By funding source on the ratio of post/nonpost



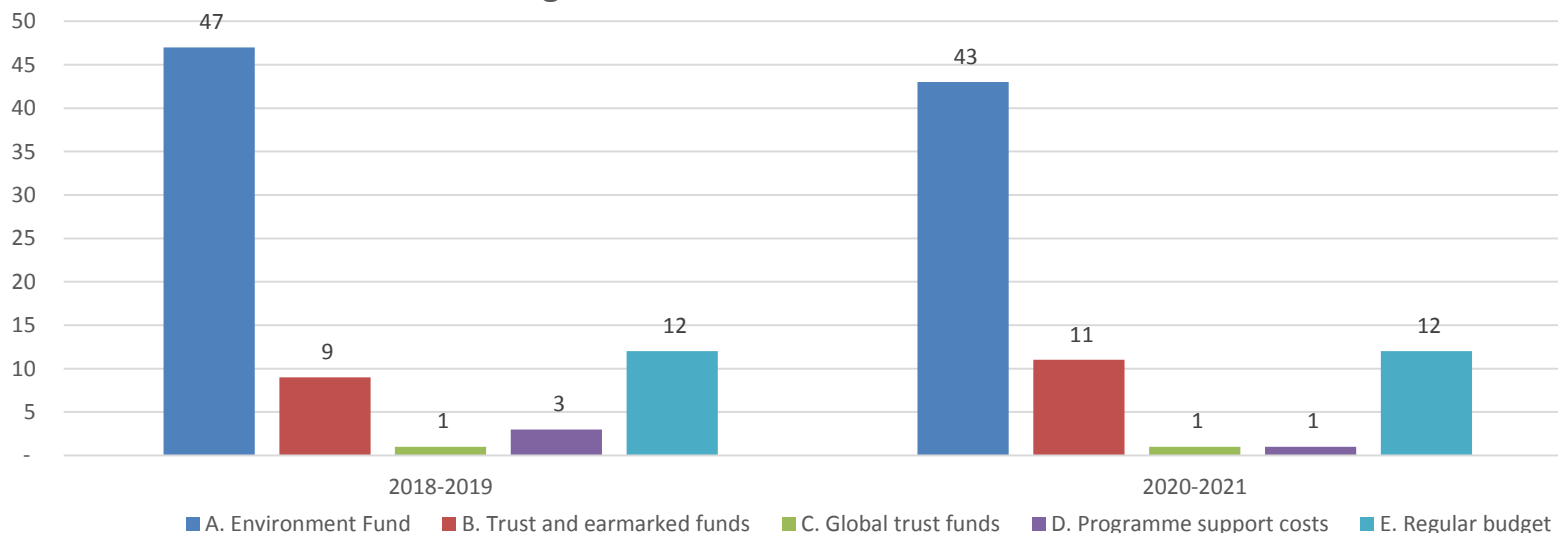
Reduction by 30% between the two biennium



Staffing for 2020-21 compared to the 2018-19 by number of posts

Staffing resources (number of posts)			
Category	2018-2019	Changes	2020-2021
A. Environment Fund	47	(4)	43
B. Trust and earmarked funds	9	2	11
C. Global trust funds	1	-	1
D. Programme support costs	3	(2)	1
E. Regular budget	12	-	12
Total	72	(4)	68

Staffing resources: Environment Under Review





Questions and Answers

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Annex



6 goals - 26 Indicators



Since 2016 we have accomplished the following:

Methods for 5 SDG indicators exist

Methods for 5 SDG indicators are fully developed

Methods for 12 SDG indicators are under development



UN Environment as Custodian Agency

United Nations
Environment Programme

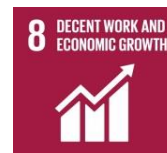
6 goals - 26 Indicators



6.3.2 water bodies with good ambient water quality
6.5.1 integrated water resources management
6.6.1 extent of water related ecosystems
6.a.1 water- and sanitation-related official development assistance



12.1.1 SCP national action plans
12.2.1 / 12.2.2 material footprint/domestic material cons.
12.3.1.a Global food waste index
12.4.1 information Chemicals & Waste
12.4.2 Hazardous waste
12.5.1 National recycling rate
12.6.1 corporate sustainability reporting
12.7.1 sustainable public procurement
12.a.1 R&D for SCP / EST
12.c.1 fossil-fuel subsidies



8.4.1 material footprint per capita, and material footprint per GDP
8.4.2 domestic material consumption



14.1.1 coastal eutrophication and floating plastic debris
14.2.1 national EEZ managed using ecosystem based approaches
14.5.1 protected marine areas




15.1.2 Terrestrial/freshwater biodiversity sites - protected
15.4.1 protected areas mountain biodiversity
15.9.1 Aichi BD Target 2
15.a.1 / 15.b.1 Official development assistance and public expenditure on conservation and sustainable use of biodiversity and ecosystems



17.7.1 Environmentally Sound Technologies
17.14.1 Policy Coherence

Progress indicator
methodology
development

 under development

 developed (17-18)

 existed 2016

Evaluation of the Global Environment Outlook

ratings for all criteria considered [full report available]

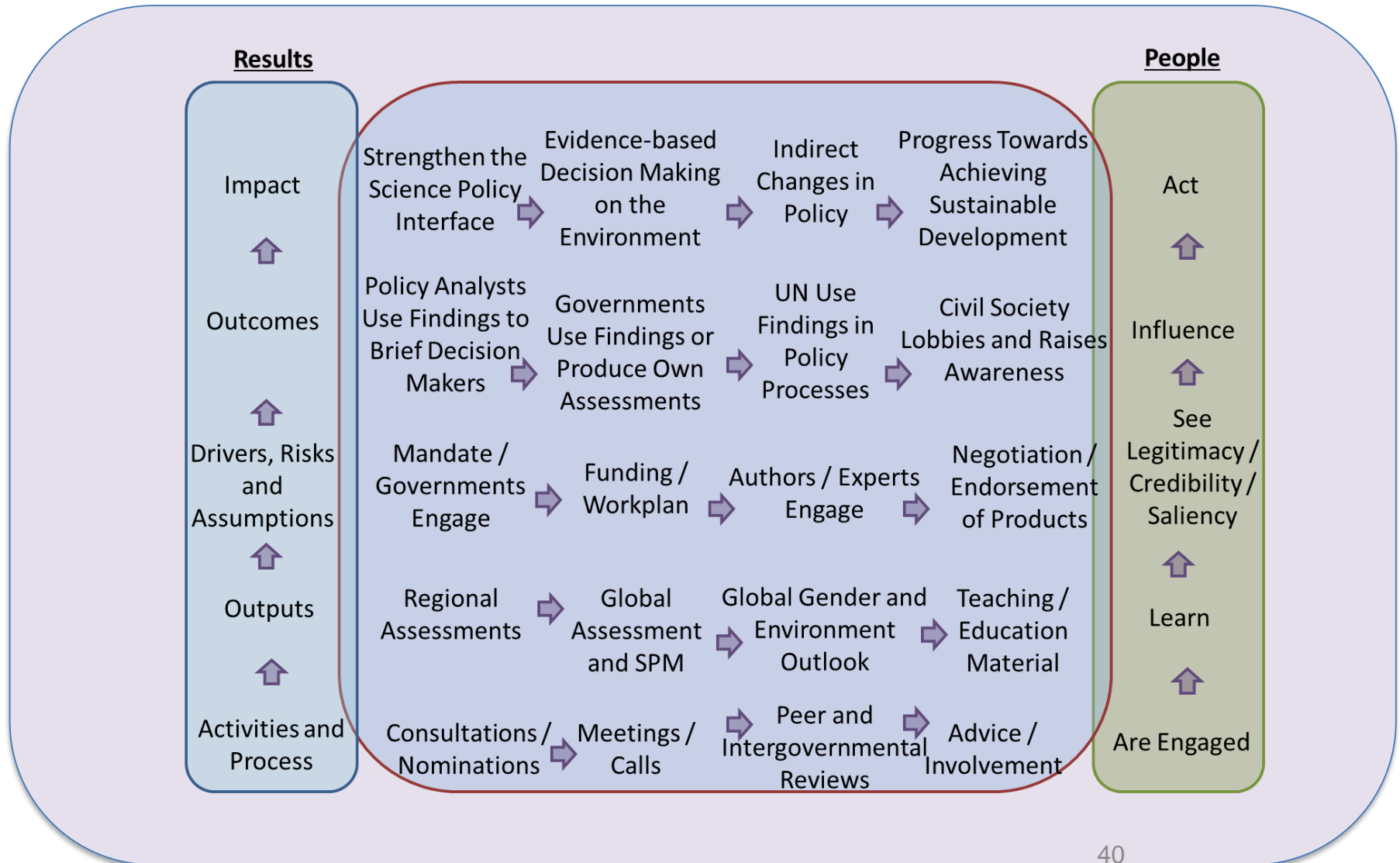


Evaluation criteria	Rating
Strategic Relevance	
<i>Alignment to MTS and POW</i>	Highly Satisfactory
<i>Alignment to UNEP/GEF/Donor strategic priorities</i>	Highly Satisfactory
<i>Relevance to regional, sub-regional and national issues and needs</i>	Satisfactory
<i>Complementarity with existing interventions</i>	Moderately Unsatisfactory
Quality of Project Design	Satisfactory
Nature of External Context	Highly Favorable
Effectiveness	
<i>Achievement of outputs</i>	Satisfactory
<i>Achievement of direct outcomes</i>	Satisfactory
<i>Likelihood of impact</i>	Moderately Likely
Financial Management	Unsatisfactory
Efficiency	Satisfactory
Monitoring and Reporting	
<i>Project reporting</i>	Moderately Satisfactory
<i>Monitoring design and budgeting</i>	Highly Satisfactory
<i>Monitoring implementation</i>	Moderately Unsatisfactory

Evaluation criteria	Rating
Sustainability	
<i>Socio-political sustainability</i>	Likely
<i>Financial sustainability</i>	Likely
<i>Institutional sustainability</i>	Likely
Factors Affecting Performance	
<i>Preparation and readiness</i>	Satisfactory
<i>Quality of project management and supervision</i>	Highly Satisfactory
<i>Stakeholder participation and cooperation</i>	Satisfactory
<i>Responsiveness to human rights and gender equity</i>	Satisfactory
<i>Country ownership and driven-ness</i>	Satisfactory
<i>Communication and public awareness</i>	Moderately Unsatisfactory
<i>Catalytic role, replication and scaling up</i>	Satisfactory



Example: Global Environment Outlook Theory of Change





For the new MTS (2018/2022) first Biennium 2018/19 (part I)

Governments and other stakeholders are empowered with assessments and data and information to deliver the environmental dimension of sustainable development

i

Increase in the number of tagged and maintained datasets available in the United Nations system data catalogue enabling systematic user access to relevant data on the environmental dimension of the Sustainable Development Goals

ii

Increase in the number of countries reporting on the environmental dimension of sustainable development through shared environmental information systems with country-level data made discoverable through UNEP

iii

Strengthening of the science-policy interface by countries based on the use of data, information and policy analysis in the areas of air quality, water quality, ecosystems, biodiversity, waste and hazardous chemicals, the marine environment and emerging issues

iv

Increase in the number of indicators to measure the environmental dimension of sustainable development made through UNEP Live that are disaggregated by vulnerable groups, especially by gender, geography and age



For the new MTS (2018/2022) first Biennium 2018/19 (part II)

Governments and other stakeholders are empowered with assessments and data and information to deliver the environmental dimension of sustainable development

v

Increase in the number of people belonging to different major groups and stakeholders acknowledging the relevance and usefulness of data and environmental information made available by UNEP

vi

Increase in the number of relevant global, regional and national forums and institutions using data on environmental trends identified through UNEP for environmental assessment, early warning on emerging issues and/or facilitation of policy action

vii

Level of accessibility and ease of use of UNEP environmental information through open platforms measured against internationally recognized standards for open access to information

Assessment life cycle

