ENVIRONMENT STATISTICS SELF-ASSESSMENT TOOL (ESSAT)

Session One: Environment Statistics Toolbox, Wednesday, 3 May 2017

Background

Target Audience

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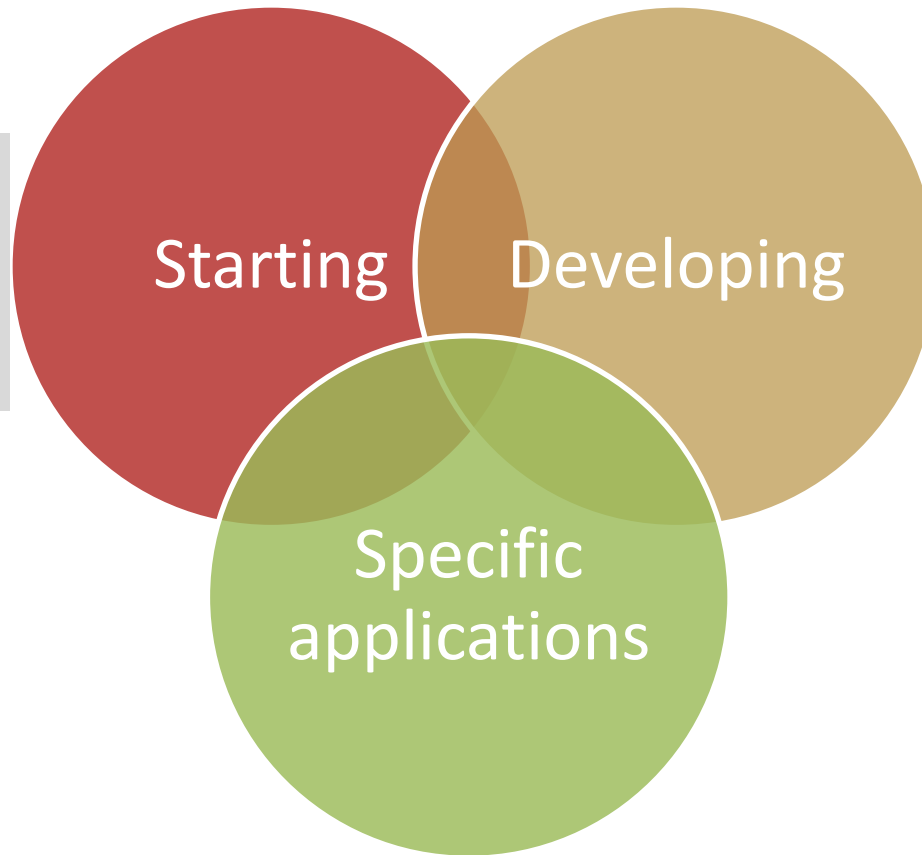
- None/few statistics
- No/starting compilations
- No comprehensive programme

Starting

Developing

Specific applications

- Advocacy
- Quality
- Meeting user needs
- Statistical literacy of users

- State of implementation of application
- Availability of data specific to the application

ESSAT Part I

A. Identification of institutions
B. Existing national policies relevant to the environment
C. Mandate and organization of national statistics
D. Mandate and organization of environment statistics
E. Production of environment statistics
F. Uses of environment statistics
G. Inter-institutional collaboration for the production of environment statistics
H. Existing and required resources for environment statistics
I. International and regional network
J. Technical assistance and training
K. The way forward in environment statistics

ESSAT Part II

Component 1: Environmental Conditions and Quality

Sub-component 1.1: Physical Conditions

Topic 1.1.1: Atmosphere, climate and weather

- Country assessment of selected components and sub-components
- Not the entire set of Basic Statistics

Focus of the assessment

Environment Statistics Programme

Environment statistics needed	→ Gaps →	Environment statistics produced	→	Environment statistics used
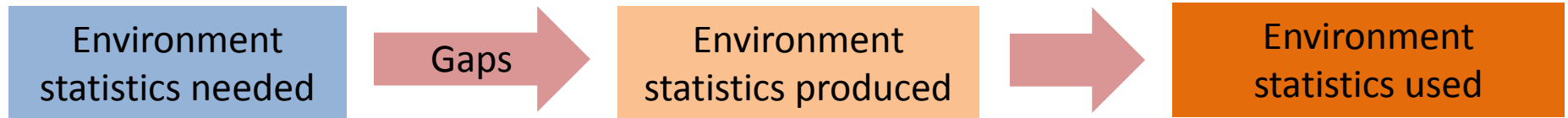
- Identify user needs

- Availability of environment statistics

- Constraints to data production

- Functioning of environment statistics system – human and financial resources, coordination

- Capacity Development: technical assistance and training

- User satisfaction, detailed data quality, & interpretation of data for media/non specialist users

- Can be used for resource mobilization and advocacy but does not assess the current status

Reporting Objectives

- Provide summary suitable for:

  - NSDS or Sectoral Strategy for Development of Environment Statistics

    - Typical NSDS main strategic goals: statistics environment, coordination, statistical infrastructure and processes, human resources, funding, partnerships etc.

    - Common structure with similar assessments to avoid extra burden

  - Environment Statistics Workplan or Action Plan

Structure of the Reporting Template: Pt I Institutional Dimension

PART I: INSTITUTIONAL DIMENSION OF ENVIRONMENTAL STATISTICS

1   NATIONAL CONTEXT

(Part B: existing national policies relevant to the environment; E7, E8, E9; I International and Regional Network)

1.1   Policy Framework

National environmental policies and the most important FDES topics they cover

Figure 1.1 Main environmental issues of national policies
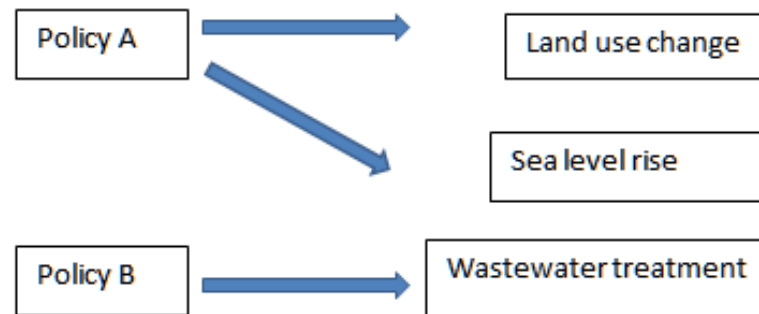
- National environmental policies, main objective of the policy and whether statistics is mentioned
- Regional environmental initiatives belonging to and ability to report statistics.
- Global environmental initiatives; including multilateral environmental agreements signed up

Structure of the Reporting Template: Pt I Institutional Dimension

2 STAKEHOLDERS/USERS

(Section F: uses of environment statistics; also Part B)

Stakeholders

Stakeholders	Level of Influence on ESS (strong, medium, low)	Positive/Negative Impacts on ESS (describe impact)

Users

Users	Level of interest in ESS	Concerns regarding ESS production

Structure of the Reporting Template: Pt I Institutional

3 INSTITUTIONAL STRUCTURE/INFRASTRUCTURE

3.1 Review of NSDS/Sector Strategic Plan

(C6, C7, D5)

- List of institutional objectives related to environment in the NSDS.
- List of environment statistics addressed
- Alignment to priority policy areas
- Status of implementation.

3.2 Legal Framework

C1, D1

Covers the legal basis for the production of statistics. Title of the Act and whether it is adequate for mandating production of environmental statistics. Legal mandate for production of environmental statistics.

3.3 Institutional structure/Institutional mechanisms

(C2, C3, C5, C6 and C7; D1, D2, D3, D4, D6, D7, D8, D9, D10, E4)

Table 2.3: Number of environment statistics produced by institution by component

(ESSAT Count Primary Institution by Component)

List of members of Environment Statistics System (Highlight coordinator)	Component 1	Component 2	Component 3	Component 4	Component 5
NSO	5	1	2	7	3
Ministry of Energy	6	5	0	2	1
Ministry of Fisheries	6	3	8	1	0

- Description of the NSS
- Description of institutional setup for production of environment statistics in the NSS
- Description of institutional setup for production of environment statistics in the MoE
- Highlights of table: main producers by component

Structure of the Reporting Template: Pt II Environment Statistics Availability

4 ENVIRONMENT STATISTICS AVAILABILITY

4.1 Status of statistics/evidence in environment policy *(Data Quality and Implementation of SEEA)*

(Section E. Production of environment statistics: E1, 2,3,5,6; Section F)

- Summary of section F – uses for design and assessment of key national policies, indicators, SEEA and SDGS.
- Summary of E1,2,3,4,6 on statistics disseminated by component by format.

4.2 Priority statistics for policy needs and availability

4.2.1 Priority Statistics Available

- Summarize the priority statistics of FDES by sub-component, mapping to the priority policy needs identified in section 1.1
- Summarize charts, highlight which sub-components have less data produced and where development is needed based on priorities
- Summarize the sub-components by length of time series to give an indication of the stability of the production.
- Level of coherence: % collected with definition not identical to ESSAT= ESSAT Availability (S/(I+S))% by sub-component for further investigation as to the reasons and need for harmonization.
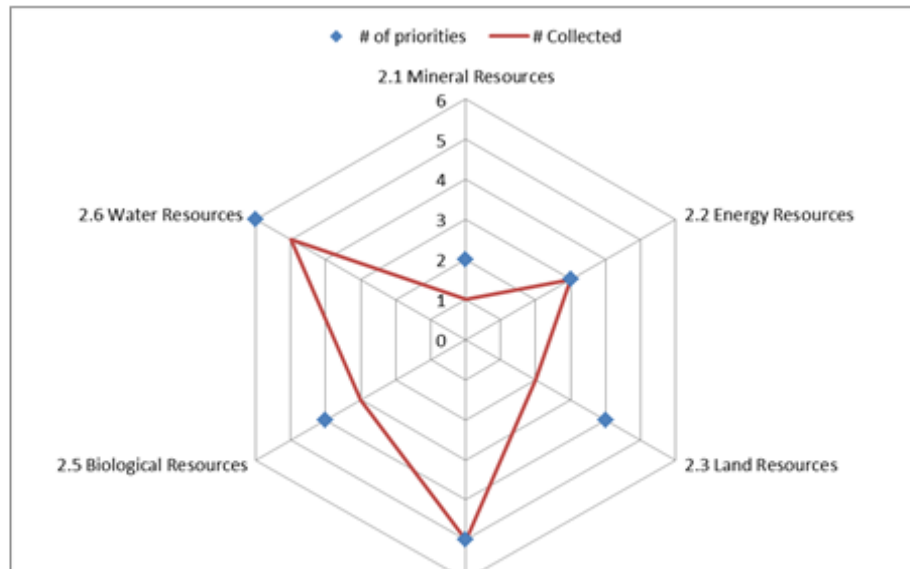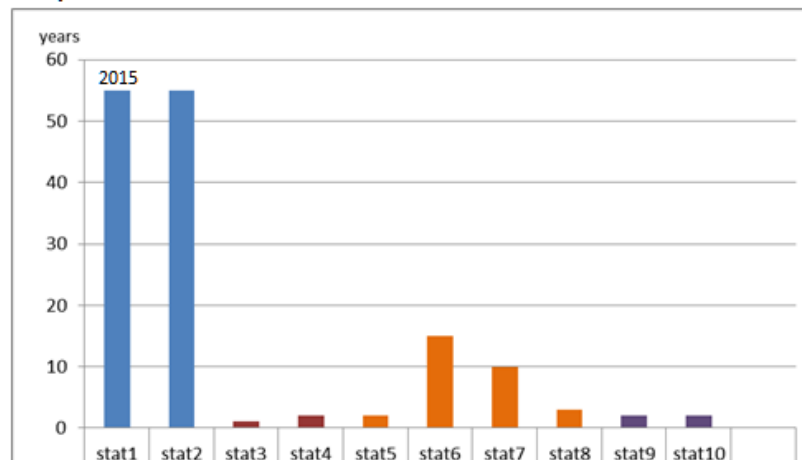- Annex 1: Summary table of priority and produced statistics as completed in ESSAT

Figure 4.2.2 Time series available by sub-component

Component X

Structure of the Reporting Template: Pt II Environment Statistics Availability

4.2.2 Gaps Analysis of Available Statistics

- If available summarize/map the indicators needed for monitoring of key national environmental policies, and which of the necessary statistics are not available.
- Identification of new needs/gaps compared to NSDS or sector plan based on mismatch of priorities or data not collected.
- List of agencies which are responsible for those gaps (for capacity development initiatives)

Table 4.2.2.a: Gaps Analysis of Policy Areas and Statistics
(ESSAT Relevance = H, M & Availability = NA

	FDES Statistics Needed	Priority	Agency Responsible for Collection
	Sub-Component 2.1 Mineral Resources		
Policy A	*Statistic 2*	*H*	*NSO*
Policy A	Statistic 3	M	Min of Energy
Policy B	Statistic 4	H	None

4.2.2.b Potential efficiency savings
(Relevance = L & Availability = I, S)

	FDES Statistics Needed	Priority	Agency Responsible for Collection
	Sub-Component 2.1 Mineral Resources		
Policy B	Statistic 5	L	MOA

Structure of the Reporting Template: Pt II Environment Statistics Availability

Table 4.2.3a: Number of statistics by collection method and producer by reason for inavailability (by topic or subcomponent)

	Producer	Type of data source	Resources	Methodology	Quality	Inaccessibility	Institutional set up	Other
1.1.1 Atmosphere, climate and weather	MOE	MS					5	
1.1.2 Hydrographical characteristics	NSO	MS	1	1				
1.1.3 Geological and geographical	Min of Energy	AR						
1.1.4 Soil characteristics		SR					3	
2.5 Biological Resources		S						
2.6 Water Resources		S, AR		1				
1.2.1 Land cover		RS						
1.2.2 Ecoystems		SP					2	
Total			0	2	0	0	10	

Structure of the Reporting Template: Pt II Environment Statistics Availability

Table 4.2.3b: Number of statistics by collection method by constraint (by topic or sub-component)

Type of source	Resources	Methodology	Quality	Access	Institutional
MS	2				6
AR		1			
SR					
S	4	3			
RS					
SP					

Questions

- Reporting template sent on 12 April 2017
- Feedback on any adjustments needed?