

# Environment Statistics Self-Assessment Tool (ESSAT)

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Application in countries

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# ESSAT application in countries

## Introduction

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- These activities were carried under the national cross-cutting capacity development (CCCD) project in both countries, funded by the sixth replenishment of the Global Environment Facility (GEF -6)
- Environmental assessment and providing a training on environment statistics in **Benin** and **Botswana**
- Advance the national discourse and action on the importance, and necessity of adopting **sound environmental indicator frameworks** and **shared MEA reporting systems** for informed decision making, policy action and monitoring the state of the environment

# ESSAT application in Benin

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- The first national experience with the ESSAT (Part I and II) in Benin took place during the capacity building workshop on satellite accounts of the environment in August 2019 where National Experts from different line ministries started filling Part II of the ESSAT
- The Ministry of Environment and Sustainable Development organized another workshop from 6 to 8 November 2019 and finished filling the ESSAT and the first version was ready by 15 November 2019
- The tool was shared with experts from different line ministries for review and provide missing information to complete the tool

# ESSAT application in Benin (CONT.)

- The review work was slower during COVID-19 period and the final version of Benin's ESSAT was ready in July 2022
- Tier I and II Results

Number of Statistics	Component 1	Component 2	Component 3	Component 4	Component 5	Component 6	Total
Tier I	29 / 32	23 / 30	5 / 19	3 / 4	9 / 12	3 / 3	72 / 100
Tier II	49 / 58	37 / 51	5 / 34	10 / 11	16 / 22	20 / 24	137 / 200
Tier III	51	43	5	16	20	23	158
Total	141	124	58	31	54	50	458

# ESSAT application in Benin (CONT.)

- In 2022, Benin started the development of the Environment Information System with the Indicator identified using the ESSAT
- The Identified indicators were grouped by Sub-Component (Category), Sub-Component (Topic)

id	parent_id	Code	Locale	Description
1	1	RMN_SRM_SC R	N	Stocks de ressources minérales commercialement récupérables

id	parent_id	Code	Locale	Description
1		RMN	N	Ressources minérales
2		REN	N	Ressources énergétiques
3		TER	N	Terres
4		RSO	N	Ressources en sol
5		RBI	N	Ressources biologiques
6		REE	N	Ressources en eau
7		EMA	N	Émissions dans l'air

id	parent_id	Code	Locale	Description
1	1	RMN_SRM	N	Stocks et variations des ressources minérales
2	1	RMN_PCM	N	Production et commerce des minéraux
3	2	REN_SRE	N	Stocks et variations des ressources énergétiques
4	2	REN_PCE	N	Production, commerce et consommation d'énergie
5	3	TER_UTT	N	Utilisation des terres
6	3	TER_UTF	N	Utilisation des terres forestières
7	4	RSO_RSO	N	Ressources en sol
8	5	RBI_RBO	N	Ressources en bois

# ESSAT application in Botswana

- 290 Statistics were identified as priority indicators in Botswana as part of the development of Environmental Information System (EIS). The list is now shared with Experts for review and before sharing the list with the EIS developers.
- Tier I and II Results from the compiled list of Statistics

Number of Statistics	Component 1	Component 2	Component 3	Component 4	Component 5	Component 6	Total
Tier I	24 / 32	22 / 30	13 / 19	3 / 4	12 / 12	3 / 3	78 / 100
Tier II	20 / 58	25 / 51	20 / 34	1 / 11	3 / 22	20 / 24	89 / 200
Tier III	51	43	5	16	20	23	158
Total	141	124	58	31	54	50	458

# Thank you!



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