

DESA, Data & SIDS

- Data for SIDS Initiative
- SIDS-SIDS Cooperation Project on Data for Nature



Outline

DATA AND SIDS: NEEDS & CHALLENGES

Following up From the SIDS4 Conference

THE DATAS INITIATIVE-PROGRAMME

Objective & Components

SIDS-SIDS COOPERATION PROJECT

Example of DATAS implementation at Reg. Level

RELATIONS WITH STATISTICAL FRAMEWORKS

FDES, GSGF, SEEA

CONCLUSION

Further Information and Contacts





SIDS & DATA Needs and Challenges

SIDS SPECIAL CASE FOR DATA MANAGEMENT: NEED FOR EVIDENCE BASED DECISION MAKING

Barrier 1:

Data availability and gaps

- Large data gaps still exist in terms of geographic coverage, timeliness and the level of disaggregation required
- While some good examples exist in SIDS, overall there are poor national environmental accounting in SIDS

Barrier 2:

Data infrastructure and innovation

- Difficulties maintaining modern data platforms.
- Data stored on disparate systems without proper reliability, scalability, and performance.
- The high physical exposure of SIDS data infrastructure and National Statistical Offices to natural hazards

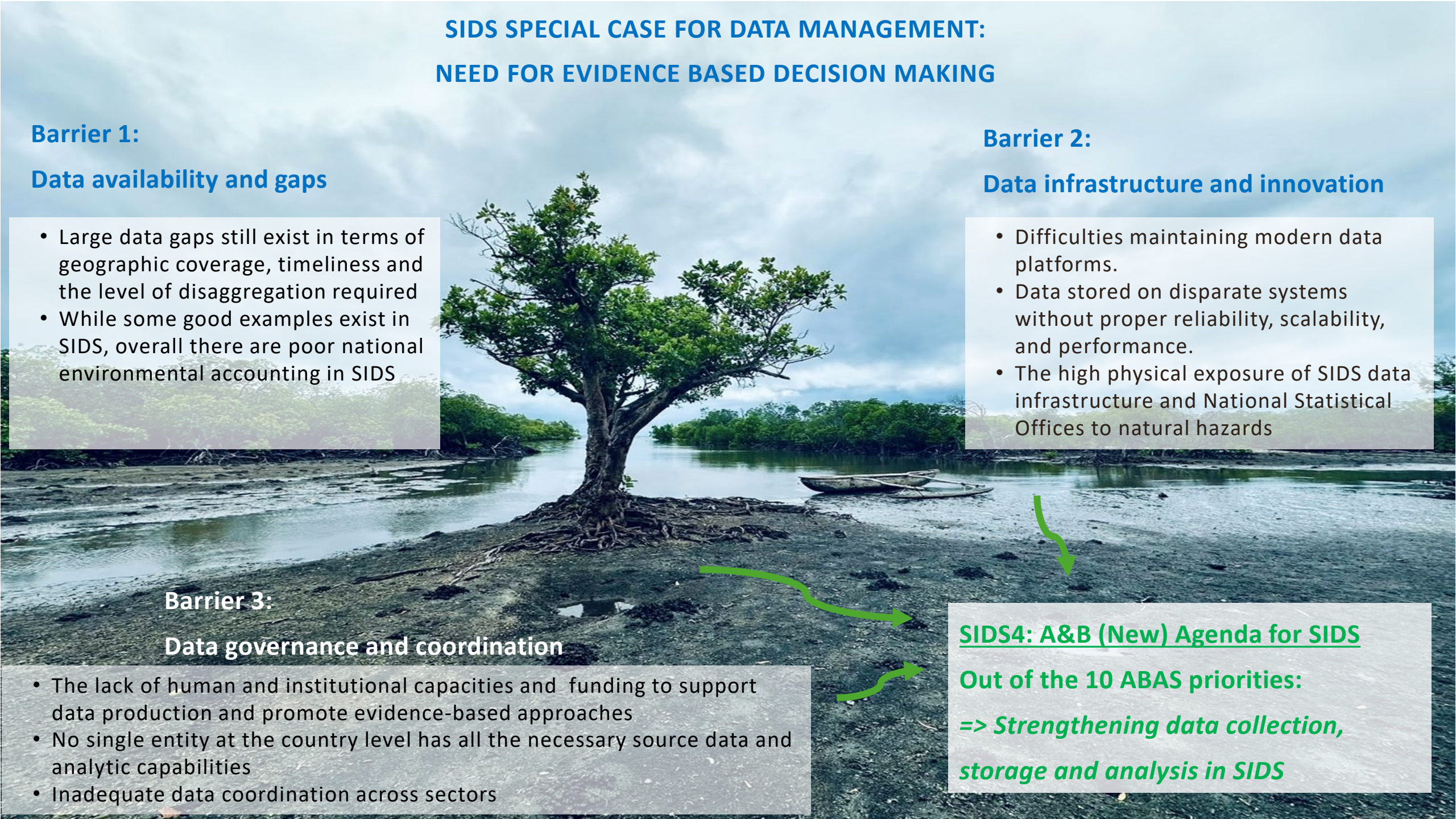
Barrier 3:

Data governance and coordination

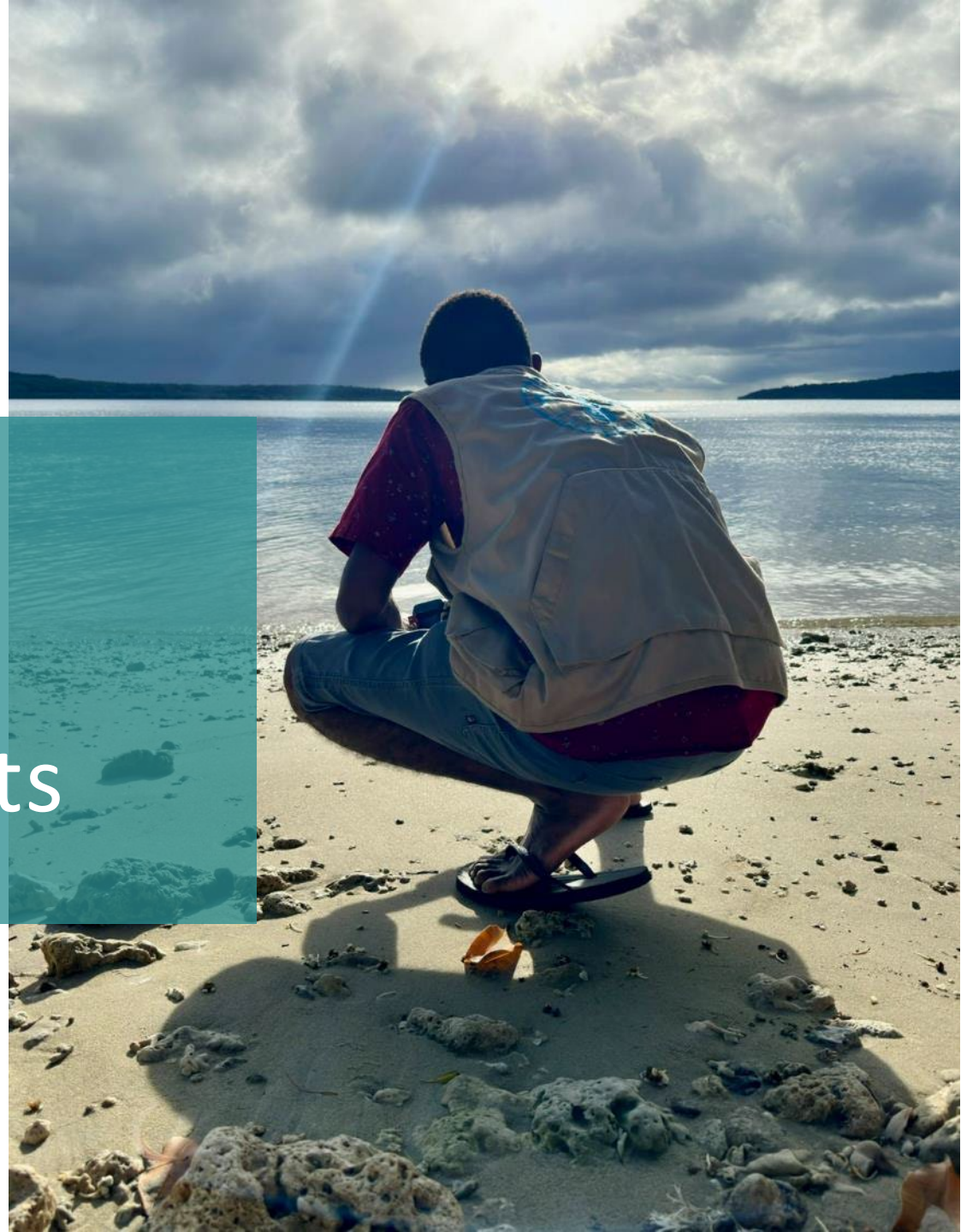
- The lack of human and institutional capacities and funding to support data production and promote evidence-based approaches
- No single entity at the country level has all the necessary source data and analytic capabilities
- Inadequate data coordination across sectors

SIDS4: A&B (New) Agenda for SIDS

**Out of the 10 ABAS priorities:
=> *Strengthening data collection,
storage and analysis in SIDS***



DATAS INITIATIVE:
DATA FOR SIDS
Objective & Components



DATA for SIDS

- DATAS -

SUPPORTING SIDS NATIONAL STATISTICAL SYSTEMS' CAPACITIES AND ENHANCING INFORMED-DECISION MAKING, SDGs IMPLEMENTATION AND MONITORING THROUGH:

- DATA GOVERNANCE,
- DATA PRODUCTION,
- DATA DISSEMINATION
- SIDS-SIDS COLLABORATION



United Nations

Department of
Economic and
Social Affairs

OVERALL OBJECTIVE:

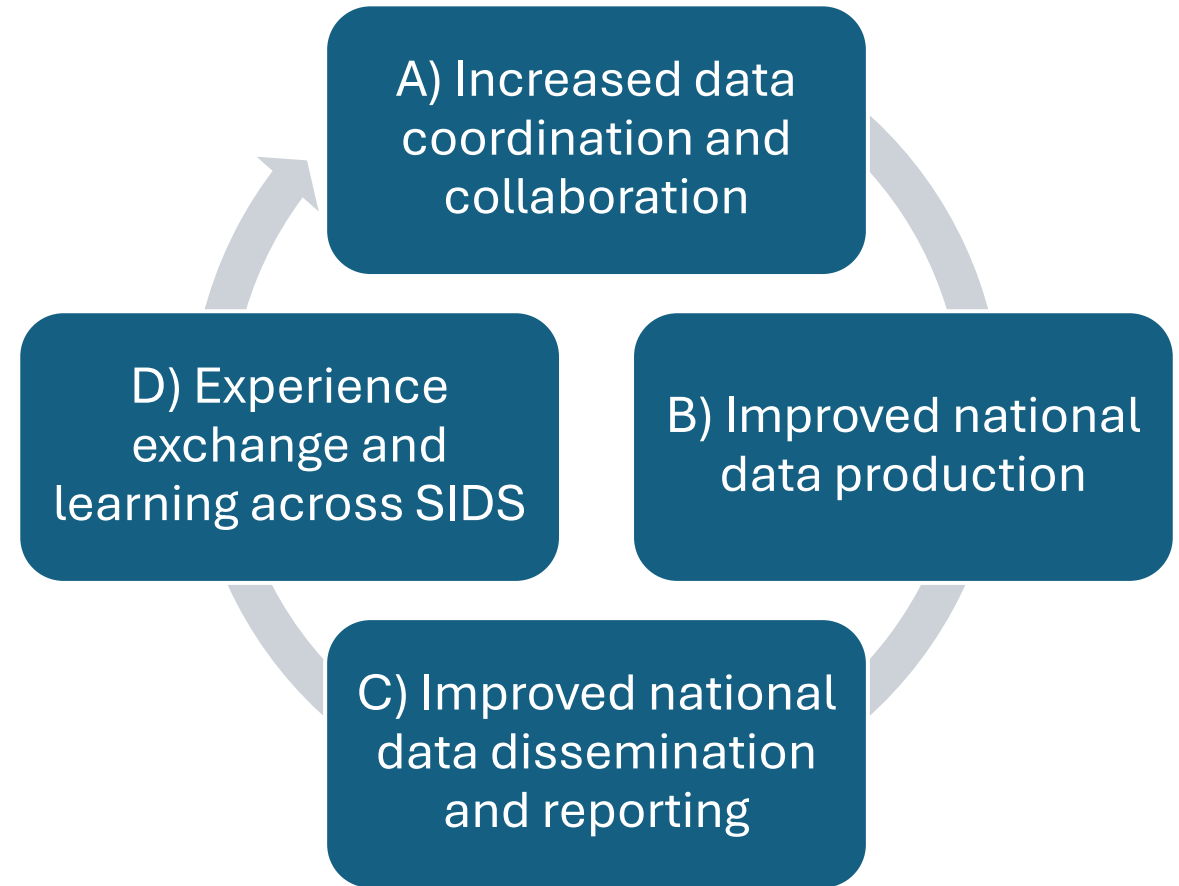
SUPPORTING SIDS NATIONAL
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DATA AS AN SDG
ACCELERATOR
IN SIDS

DATAS : OBJECTIVE AND COMPONENTS





**PROJECT: SIDS-SIDS COOPERATION
ON DATA SOLUTIONS FOR NATURE**
When DATAS is unlocking SIDS-SIDS
potential in the Caribbean



Belize Prime Minister announcing the project on behalf of the **SIDS Coalition for Nature** (at 2023 SDG Summit)



Spain announcing support to SIDS Coalition's priority #2 (data management) through SIDS-SIDS cooperation in the Caribbean (at 2023 SIDS Partnership Committee in NYC)

SIDS4 (2024)
A&B (New) Agenda for SIDS

*“Supporting SIDS-SIDS cooperation, capacity-building and knowledge exchange”
(...)*

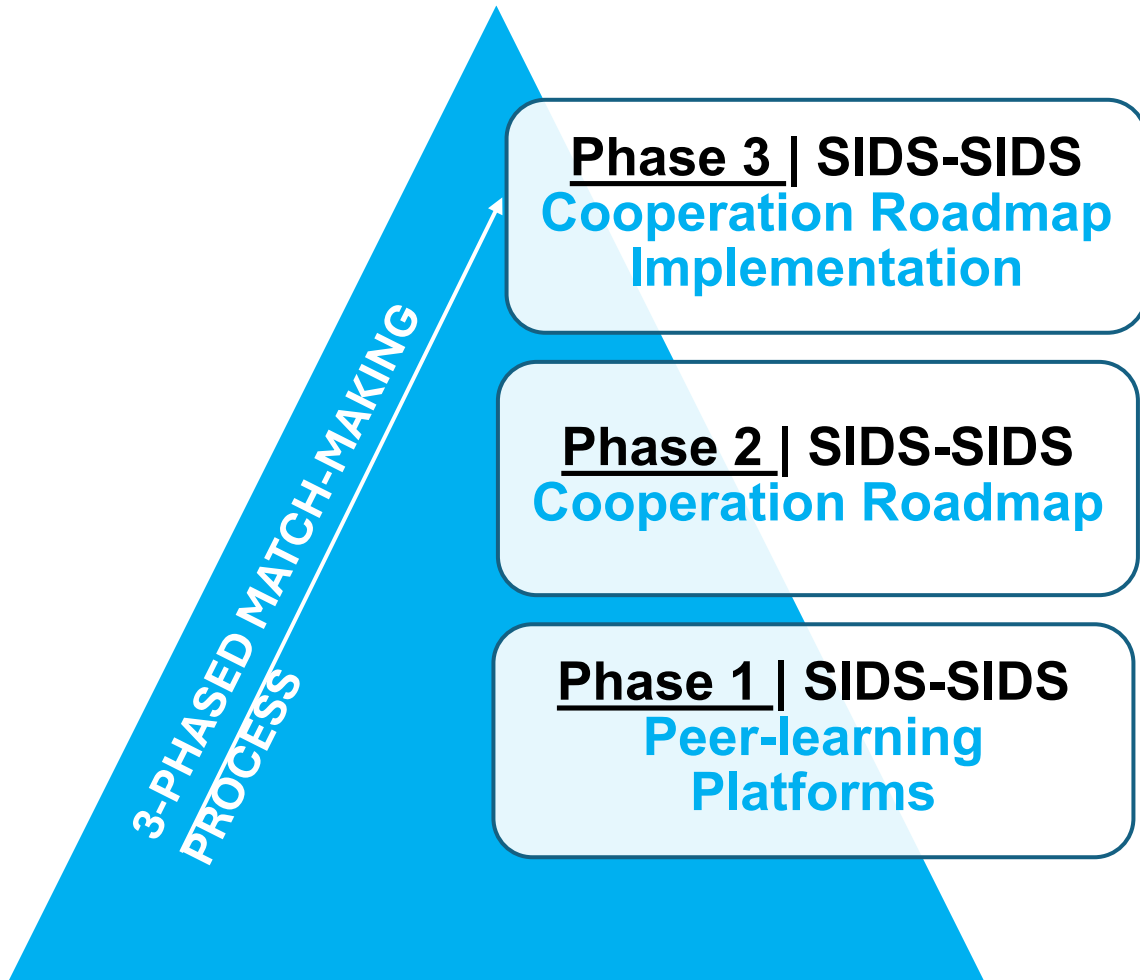


Partnerships

- Covering **Caribbean SIDS** : **NSOs + MoE**
- **Strategic support** by **Belize**
(as Caribbean co-lead of the **SIDS Coalition for Nature**)
- **Financial support** provided by **Spain** -as Friend of the Coalition- and **South Korea** (through UNDESA/UNOSD office)
- **Technical support** provided by **UNDESA** (SIDS Unit, UNSD) in close collaboration with **CARICOM** Secretariat, UNRCO/UNCT (**ECLAC**, etc)

Project Approach


SIDS-SIDS Peer-learning and Cooperation at its Core : **3-Phased Match-Making Process**



=> Increased SIDS capacities through specific **SIDS-SIDS know-how transfer implementation**

=> Increased understanding about **SIDS-SIDS know-how transfer opportunities** and potential cooperation schemes

=> Increased **knowledge and awareness** amid SIDS about best practices, lessons learned

 Here we are today –mapping of best practices and regional workshop (April-May 2024)

Global frameworks for environment and geospatial statistics and accounts



Framework for the Development of Environment Statistics, [FDES](#)'s objectives are:

- Enhance comparability and availability of environment statistics
- Support strengthening capacity in countries to develop environment statistics
- Better inform policy making decisions



System of Environmental-Economic Accounting, [SEEA](#):

- Brings together environmental and economic data using the same accounting principles of the system of national accounts (SNA)
- Provides a framework for organizing and presenting statistics on the environment and its relationship with the economy.



The Global Statistical Geospatial Framework, [GSGF](#):

- Facilitates the integration of statistical and geospatial information to unlock insights and data relationships that would not have been possible by analysing socio-economic, environmental, or geospatial data in isolation
- Provides a framework for improving comparability, data sharing and awareness

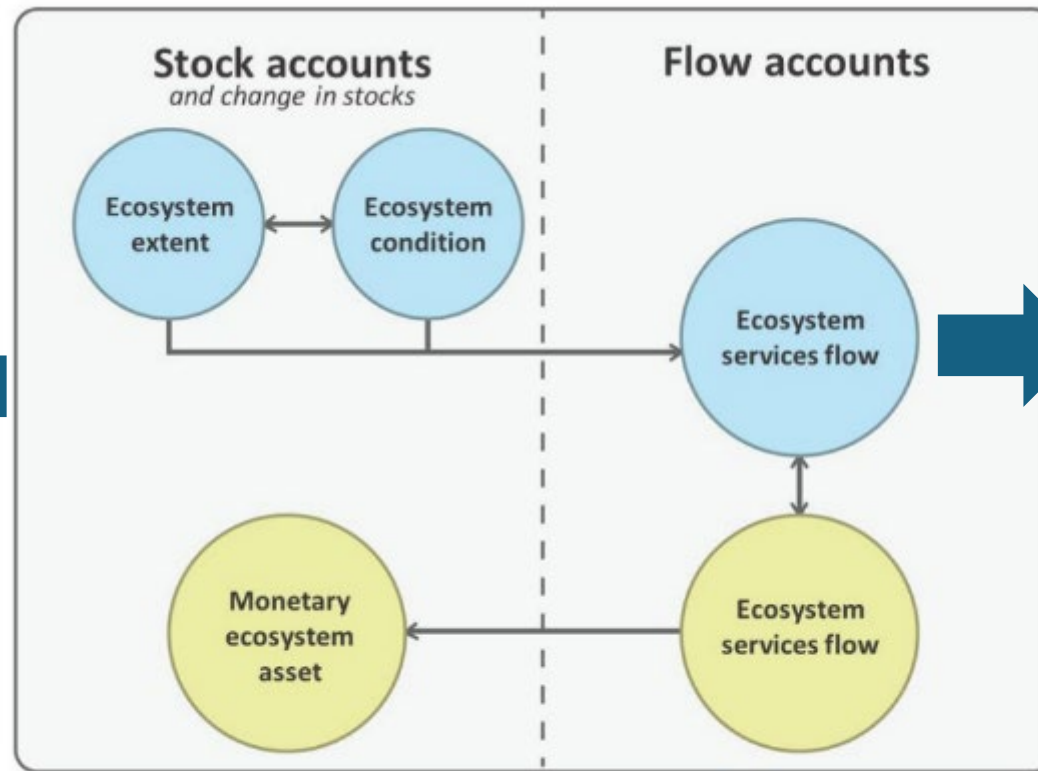
System of Environmental-Economic Accounts (SEEA) – the statistical standard for linking environmental and economic information

Two sides of the SEEA



SEEA and CBD Biodiversity Monitoring Framework

Ecosystem extent account provides the basis for **Indicator A.2 Extent of natural ecosystems**



Ecosystem services account (physical) provides the basis for **Indicator B.1 Services from ecosystems**

Figure 2.2 from SEEA Ecosystem Accounting

● Physical accounts
● Monetary accounts

Global Set of Climate Change Statistics and Indicators

1. Links policy targets and statistical indicator frameworks across:

- Paris Agreement
- Sendai Framework
- Sustainable Development Goals

2. Helps to define scope and content of:

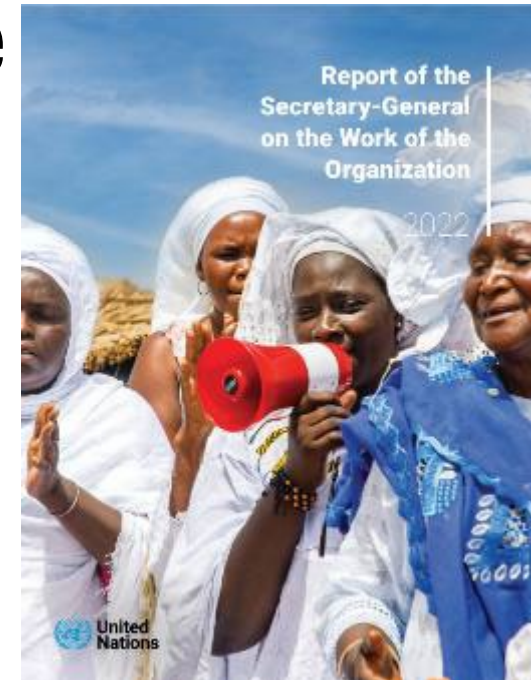
- National programmes
- Regional approaches

3. Frame and steer:

- further methodology development
- capacity development

4. Contribute to:

- **independent** national policies evaluation
- **comparable** UNFCCC reporting
- **advance** of climate change and environment

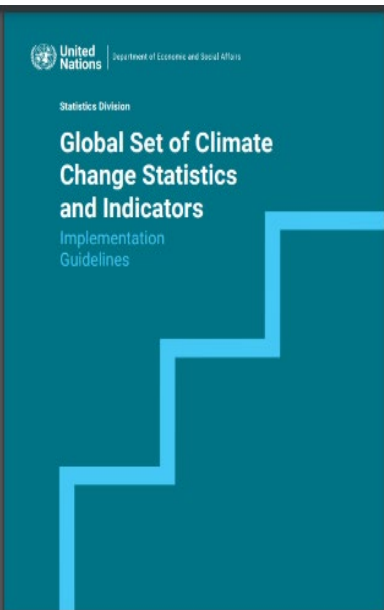


Self-Assessment tool (CISAT)

Part I: Institutional Dimensions of Climate Change Statistics and Indicators

Part II: Statistics and Indicators Assessment

- Instructions for Part II
- Global Set of Climate Change Statistics and Indicators *
- Metadata *



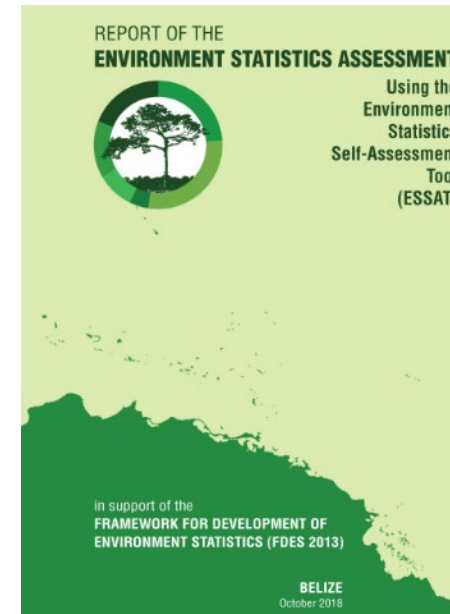
Best practices from countries (1)

Best Practice 1 – Statistical Institute of Belize (SIB) and Department of Environment

- Mandate for environmental data acquisition and reporting held by Department of Environment
- Deep expertise in data gathering, cleaning, processing, and dissemination by SIB
- Effective communication and collaboration between the two has resulted in improved data governance
- Relationship building and mandate alignment have been important



- Belize has extensive experience with the FDES ESSAT
- Published ESSAT report



Best practices from countries (2)

Best Practice 4 – Suriname Compendium Environmental Statistics

- Suriname was widely cited as demonstrating leadership in environmental statistics
- Their compendium on Environmental Statistics was referenced several times by interview participants
- Upon even initial inspection one can see the depth and breadth of data sources used



- Suriname has extensive experience with the FDES and the Global Set of Climate Change Statistics and Indicators, CISAT
- Latest publication: 'Climate change statistics Report'





SIDS-SIDS Project Potential and Perspectives

- Leveraging SIDS' commitment to **lead by example** and unlocking SIDS-SIDS cooperation potential.
- Potential to **accelerate transformative actions**, through inter-ministerial collaboration and synergies
- The SIDS Coalition for Nature will **promote this approach** and project outcomes in major regional and global events

Conclusions and future work

- SIDS need unique data solutions – several of which were identified within the Data for Nature (as suggested by the DATAS approach).
- Matchmaking is ongoing – to develop a road map with specific country-to-country solutions to be implemented in the next phase of Data for Nature
- The global frameworks for environment and geospatial statistics and accounts have supported the advance of several best practices in the Caribbean region
- These frameworks will support the implementation of the next phase of Data for Nature and related activities

THANK YOU

For more information on the **DATAS Initiative**:

**Coming
soon**



For more information on A&B **Agenda for SIDS**:



For more information on the **SIDS-SIDS Project**:



For more information about the **SIDS Coalition for Nature**:

