# The Framework for Developing Environment Statistics in Jamaica

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EGM on the Revision of the Framework for the Development of Environment Statistics, New York
8-10 November 2010

Institutional Responsibilities

- Environment Ministry – Policy making

- National Environment and Planning Agency (NEPA) – Environmental Monitoring/Reporting

- Statistical Institute of Jamaica – Principal provider of statistical data
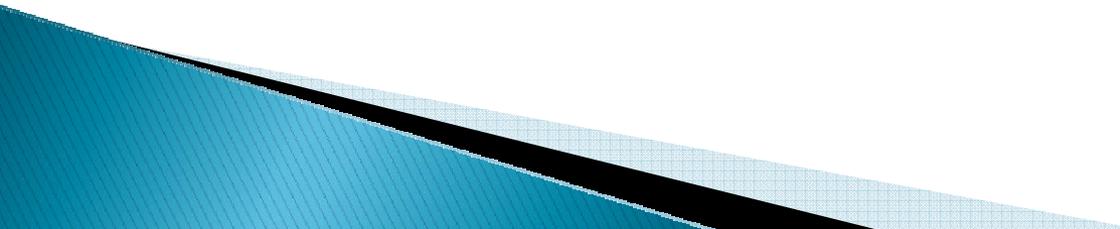
The Environment Statistics Project

▸ Contact with Statistics Sweden in 1998
▸ Fact finding mission by Statistics Sweden in November 1999;
▸ Proposal to Sida
▸ Mission by Sida in March 2000
▸ Approval of a three-year project on environment etatistics with a resident consultant
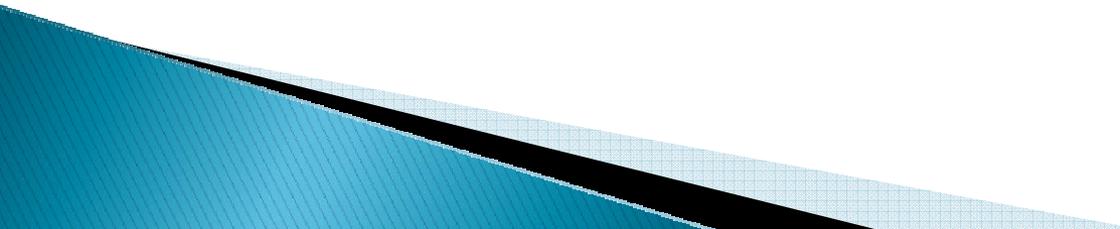
Objectives of the Environment Statistics Project

The overall objectives of the project were to:

- promote the development of statistics on the environment

- make them accessible to the public

- promote policies for sustainable development and to promote the productive and sustainable use of resources.
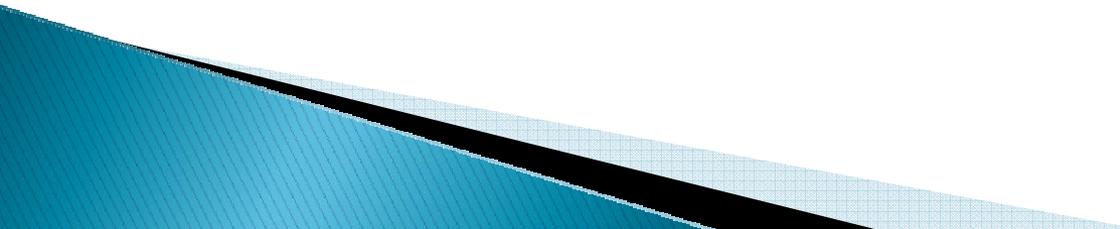
The Project Phases

The project was in three phases, namely:

▸ 1st Phase - Identification of data sources, usability and quality of data examined

▸ 2nd Phase – System for producing regular collection of data devised and organized

▸ 3rd Phase – Two more consultants from Statistics Sweden.
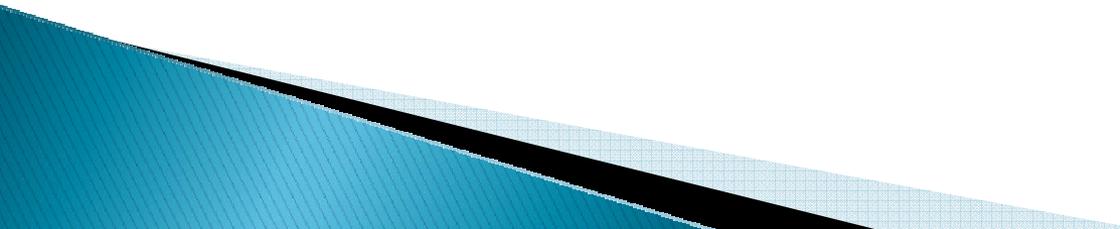
Phase One

- The Environment Statistics Unit of STATIN was created in March 2000

- The consultant worked with two officers of the Environment Statistics Unit

- The team carried a PSR analysis on environmental data to be collected or sought

- A list of data provider and the data they could provide were prepared (metadata).

Areas Covered by the PSR

- Agriculture
- Human settlements
- Air pollution
- Land use
- Coastal and marine resources
- Mining
- Energy
- Natural disasters
- Flora & fauna
- Tourism
- Forestry
- Waste
- General responses
- Water (watersheds, resources, pollution)

(Refer to table please)

Phase Two

- Meetings with NEPA and other environment data producers;
- Research into policy documents from NEPA;
- Identification of environment issues and data;
- Collection of some data from internal and external sources;
- A decision was taken to publish a state of the environment report;
- Research in publications from other countries as well as in manuals on environment statistics
- In August 2000 the manager of the unit attended the workshop on environment statistics convened by UNSD and Caricom, in Belize;
- The methodology and system for collecting data developed.
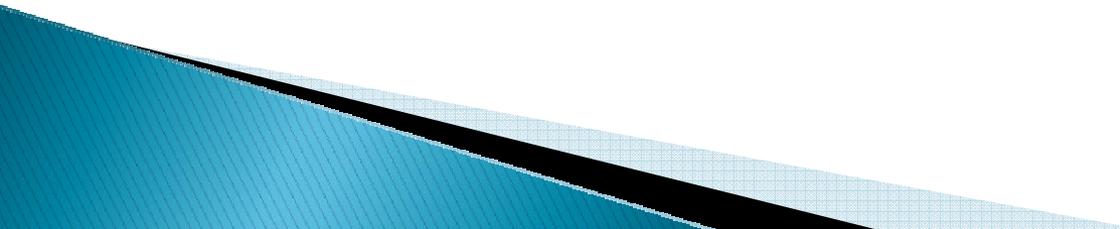
Phase Two cont'd

- The Compendium – Environment Statistics and State of the Environment Report 2001
- The structure of the compendium was based on issues around which relevant datasets were collected. Each chapter began with:

   - an introduction
    - the issues and
    - analysis of the tables, maps and graphs.
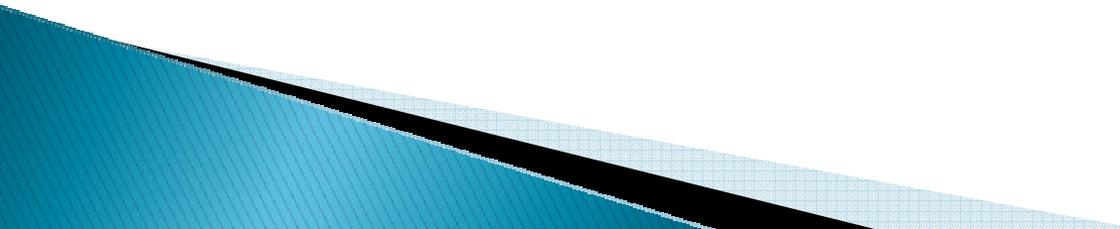
Phase Two cont'd

- Workshop with data providers held in March 2001

- Study tour of Statistics Sweden by project officers in May 2001

- Creation of methodology sheets.
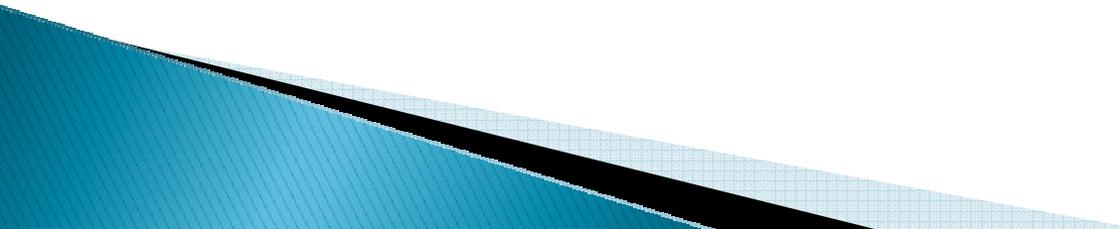
Example of a blank methodology sheet

Number 2001	
Title	
Type	(table/chart/map/text)
Source	(institution, name of publication)
Source, details	(name of contact person, tel. no., fax, e-mail; page number in publication, etc)
Methods for original data	(if known; may be reference to a published description)
Our modifications	
Additional information in text	(sources, as above, for any comments given in the text)
Chart method	(if applicable)
Quality aspects[1]	
Ideas for future use	
Notes	

Phase Three

- Work done on filling the data gaps included:
- Visit by two additional Consultants to address
  - Environmental and Economic Accounting and Environment Protection Expenditure;
  - Household survey on environment;
  - Data gaps sheets were created to assist in collecting new data.
  - Two members of the Environment Statistics Unit attended a one month course in Uppsala, Sweden.
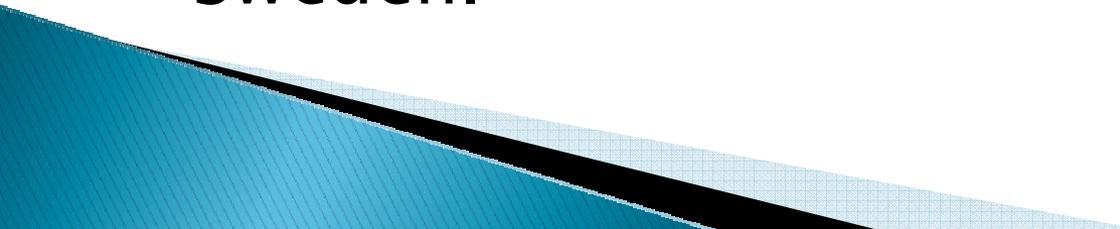
Conclusion

▸ The project has enabled Jamaica to produce several publications on environment statistics and to.

▸ We have also been able to identify critical areas where more work needs to be done.

Thank you for your attention.