



Resilient and Agile
National Statistical Systems



Overview of UNEP's key achievements under the DA14 project on statistics and data

Session 1: Success Stories and Lessons Learned from DA14
**Capacity Building Workshop on Data Ethics, Governance, and Quality in a Changing Data
Ecosystem**

Ekaterina Poleshchuk
2–4 September 2025, Nairobi, Kenya

DA14 project on Statistics and Data (2022 – 2025)

UNEP activities

Workstreams

- WS 1.1 – Governance
- WS 1.2 – Innovation
- **WS 2.1 – Climate Change and Disaster Related Statistics**
- WS 2.2 – Monitoring Economic Disparities
- WS 2.3 – Measuring Gender and Social Discrimination
- **WS 2.4 – Assessing the Impact of the Economy on the Environment**

Beneficiary counties: 2022-2025

- 50 beneficiary countries and beyond
- Sub-regional, regional and interregional events
- Development and translation of methodological guidelines, tools, e-learning material

Target countries: 2024-2025

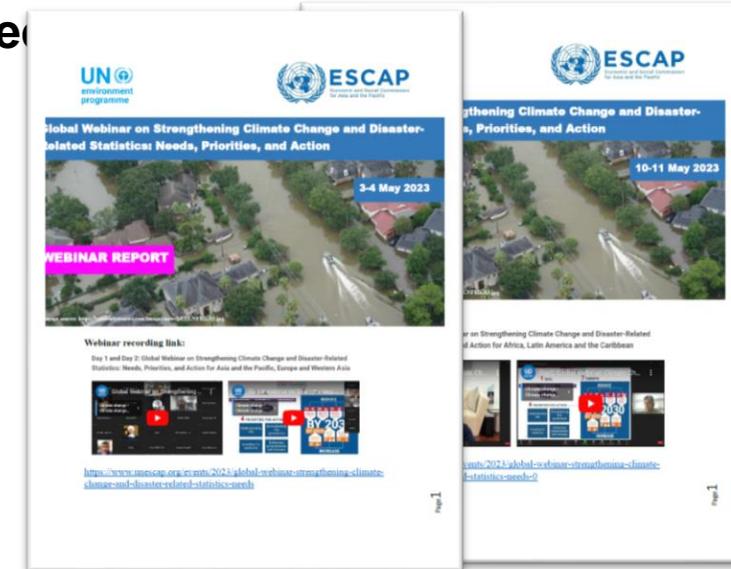
- 16 target countries identified by implementing entities
- UNEP provide support to the following countries:
 - **Burundi**
 - **Namibia**
 - Jordan
 - Indonesia
 - Ecuador
 - Bhutan

To support beneficiary counties: Global and Regional events (1/2)

WS 2.1 – Climate Change and Disaster Related Statistics

Two Global Webinars on **Strengthening Climate Change and Disaster-Related Statistics: Needs, Priorities, and Action**

- 3-4 May 2023: for [Asia and the Pacific, Europe and North Africa](#)
 - 10-11 May 2023: for [Africa, Latin America and the Caribbean](#)
- ✓ **Enhance awareness & understanding** of relevant international statistical frameworks & guidelines on climate change and disaster-related statistics
 - ✓ **Share experiences**, including good practices as well as technical and institutional challenges, on the production and use of climate change and disaster-related statistics between countries
 - ✓ **Over 200 participants** from more than 60 countries



To support beneficiary counties: Global and Regional events (2/2)

WS 2.1 – Climate Change and Disaster Related Statistics



4th Global Expert Forum for Producers and Users of Disaster Related Statistics

28 October - 01 November 2024
Addis Ababa, Ethiopia

299 participants, represented 64 countries, 4 intergovernmental and regional organizations, and 12 international organizations

Aim: Provide a **platform to discuss and exchange knowledge** among stakeholders; **Inform about recent developments** relevant for the production of disaster-related statistics; Identify important emerging areas of work which should be considered in the work programme of the IAEG-DRS; **Formulate recommendations for improving statistical frameworks** and methodologies for disaster-related statistics, in particular for the development of the Global Framework on Disaster-related Statistics.

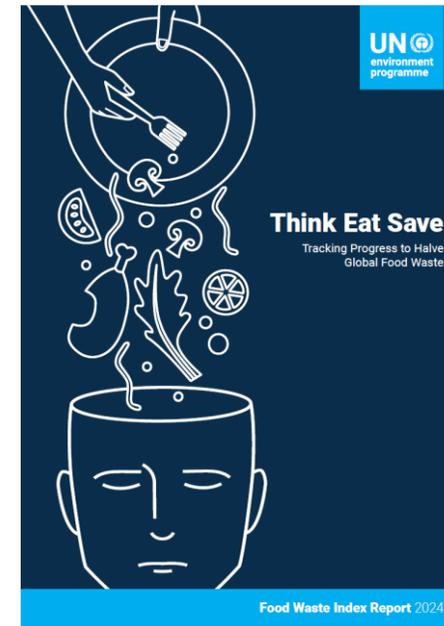
- UNEP was the lead organizer for Session 4 "Communicating Disaster Statistics for Effective Decision-Making"
- UNEP provided sponsorship support to national participants from Bhutan, Burundi, Namibia and Jordan, which are the target countries of the DA14 project on Statistics and Data

To support beneficiary counties: Development of tools

WS 2.1 – Climate Change and Disaster Related Statistics

In 2023, UNEP developed a questionnaire on **food waste statistics** and organized [a pilot data collection in 28 countries](#)

- This work supported the [UNEP Food Waste Index Report 2024](#)
- In 2024, the questionnaire on food waste statistics was integrated in the [UNSD/UNEP Questionnaire on Environment Statistics](#) (waste section), Table R7, and was sent to all UN Member States
- The data collection supports country reporting on [SDG indicator 12.3.1b](#) on food waste



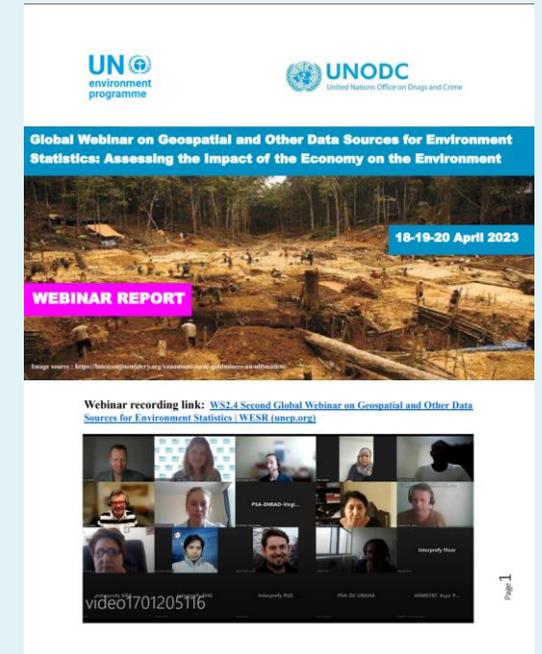
United Nations Statistics Division (UNSD) and United Nations Environment Programme	
QUESTIONNAIRE 2024 ON ENVIRONMENT STATISTICS	
Section: WASTE	
TABLE OF CONTENTS	
Guidance	Introduction, Steps to Follow, Description of Tables
Definitions	List of Definitions
Table R1	Generation of Waste by Source
Table R2	Management of Hazardous Waste
Table R3	Management of Municipal Waste
Table R4	Composition of Municipal Waste
Table R5	Management of Municipal Waste — City Data
Table R6	Electronic Waste Generation and Collection
Table R7	Food Waste Generation
Table R8	Supplementary Information Sheet

To support beneficiary counties: Global and Regional events

WS 2.4 – Assessing the Impact of the Economy on the Environment

Two Global Webinars on **Geospatial and Other Data Sources for Environment Statistics: Assessing the Impact of the Economy on the Environment**

- March 2023: for [Africa, Latin America and the Caribbean](#)
 - April 2023: for [Asia, Europe and North Africa](#)
- ✓ **Increase the knowledge of countries** about statistics derived from geospatial and other data sources to assess the impact of the economy on the environment, including monitoring of illegal mineral mining, as well as discussing Domestic Material Consumption as an indicator of economic pressure on the environment
 - ✓ **34 speakers shared experiences** and good practices, and discussed technical and institutional challenges
 - ✓ **More than 170 participants** from 50 countries



To support beneficiary counties: Development of tools (1/3)

WS 2.4 – Assessing the Impact of the Economy on the Environment



- [UNEP \(2023\). The use of natural resources in the economy: A Global Manual on Economy-Wide Material Flow Accounting](#) revised and translated into Arabic, French, Russian, Spanish
- [EW-MFA Compiler](#) developed and translated into Arabic, French, Russian, Spanish

In addition to the DA14 funds, funds from other sources such as EC and EF were used.

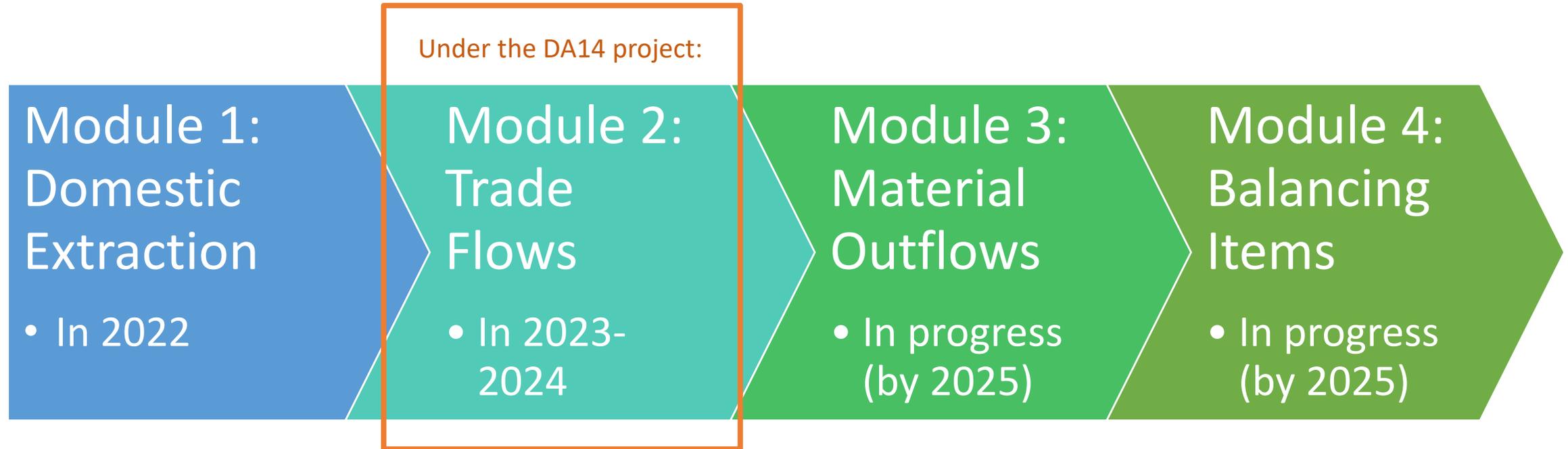


- ✓ *The tools support the development of Economy-Wide Material Flow Accounts (EW-MFA) and reporting on SDG indicators 8.4.1/12.2.1 on Material footprint and 8.4.2/12.2.2 on Domestic material consumption.*

To support beneficiary counties: Development of tools (2/3)

WS 2.4 – Assessing the Impact of the Economy on the Environment

E-learning course on EW-MFA



- Developed by UNEP in collaboration with CSIRO
- Published on the [UNEP e-learning platform](#)
- In addition to the DA14 funds, funds from other sources such as EC and EF were used

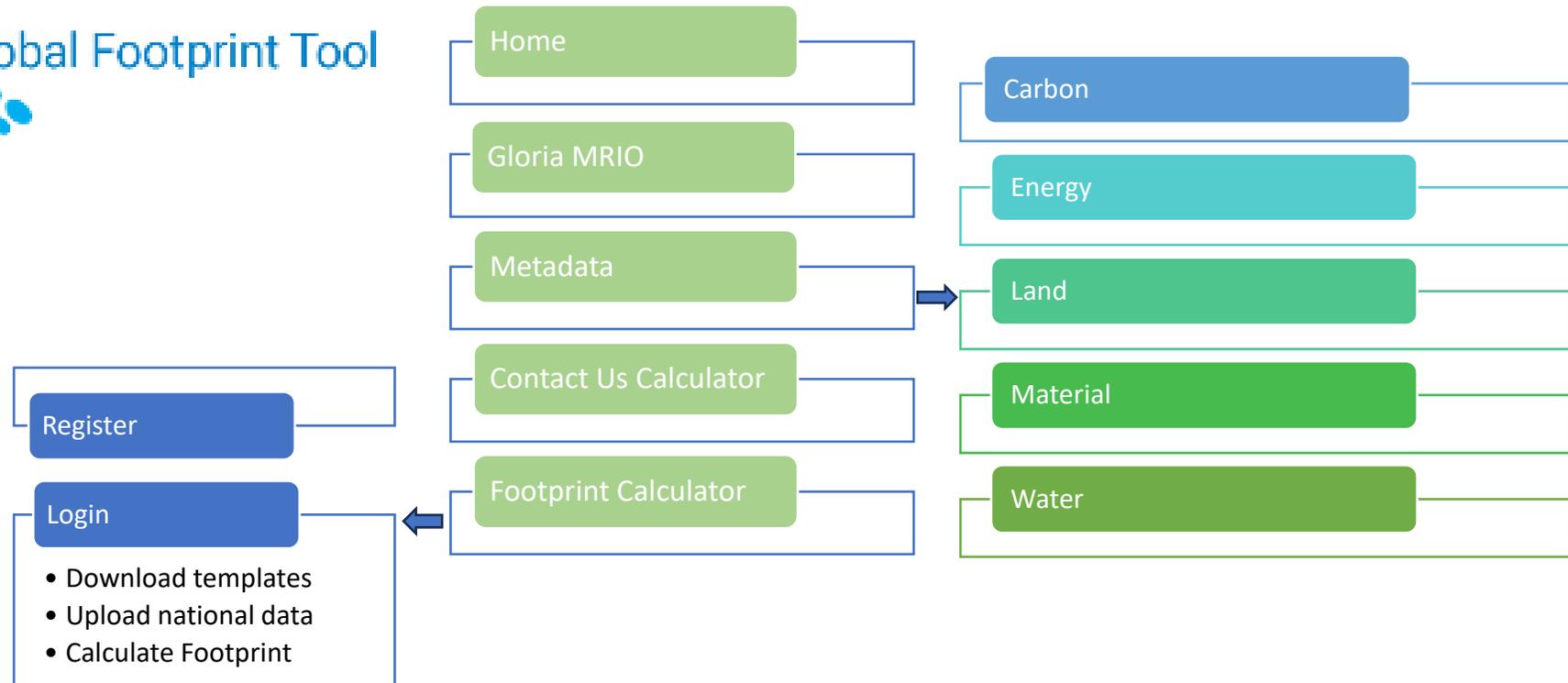
To support beneficiary counties: Development of tools (3/3)

WS 2.4 – Assessing the Impact of the Economy on the Environment

- ✓ The DA14 project contributed to the development of **the Global Footprint Tool** for calculating **material footprint** and other footprint indicators



[Here](#)



To support target counties: Burundi

UNEP is working closely with **the National Institute of Statistic of Burundi (INSBU)** to develop:

- Recommendations for the implementation of the System of Environmental-Economic Accounting in Burundi, taking into account national priorities (WS2.4)
- National list of climate change and disaster-related statistics and indicators (WS2.1)



To support target counties: Namibia

UNEP is working closely with with **the Namibia Statistics Agency (NSA)** to develop:

- A Pilot Economy-Wide Material Flow Account to support reporting on SDG indicators 8.4.1/12.2.1 on Material footprint and 8.4.2/12.2.2 on Domestic material consumption, and to inform policy makers on sustainable consumption and production (WS2.4)



HOME PROJECTS MONITORING PROGRESS RESOURCES



Overview Workstream 2.1 Workstream 2.4

Statistics and Data Project - Resilient and agile National Statistical Systems (NSS) to meet post-COVID-19 data needs to recover better

The project is being implemented by eight UN entities: five Regional Commissions, such as ECA, ECE, ECLAC, ESCAP, ESCWA, and three global entities: UNEP, UNODC and UNSD, in 2022 – 2025 under the 14th tranche of the United Nations Development Account.

The objective of the project is to strengthen the capability of NSS of target countries to collect, process and disseminate data and statistics to inform COVID-19 recovery policy, and to enhance the resilience and agility of NSS of beneficiary countries to respond to emerging economic, social and environmental data needs in times of crises and disasters through the use of innovative data sources, advanced data acquisition methods and modern technologies, while ensuring a path towards the achievement of the 2030 Agenda.

The project includes six workstreams on different areas of statistics, of which UNEP co-leads two: Workstream 2.1 on Climate Change and Disaster-related Statistics (with ESCAP), and Workstream 2.4 on Assessing the Impact of the Economy on the Environment (with UNODC).

Information on UNEP’s work under the DA 14 project on Statistics and Data is also reflected on the UNEP SDG and Environment Statistics Unit page [here](#)

Thank you



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