Recent developments on waste statistics

Session Two: Environment Statistics Data Collection
Tenth Meeting of the Expert Group on Environment Statistics

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Reporting on waste-related SDG indicators

Under UNEP-UNSD-UNITAR custodianship

12.4.1

2021, country data:

Montreal Protocol – 197,
Stockholm Convention - 188,
Basel Convention – 187,
Rotterdam Convention- 166,
Minamata Convention - 104

12.4.2

2023:
Data on **hazardous waste generated** received from 102 countries

2024:
UNITAR will provide estimates
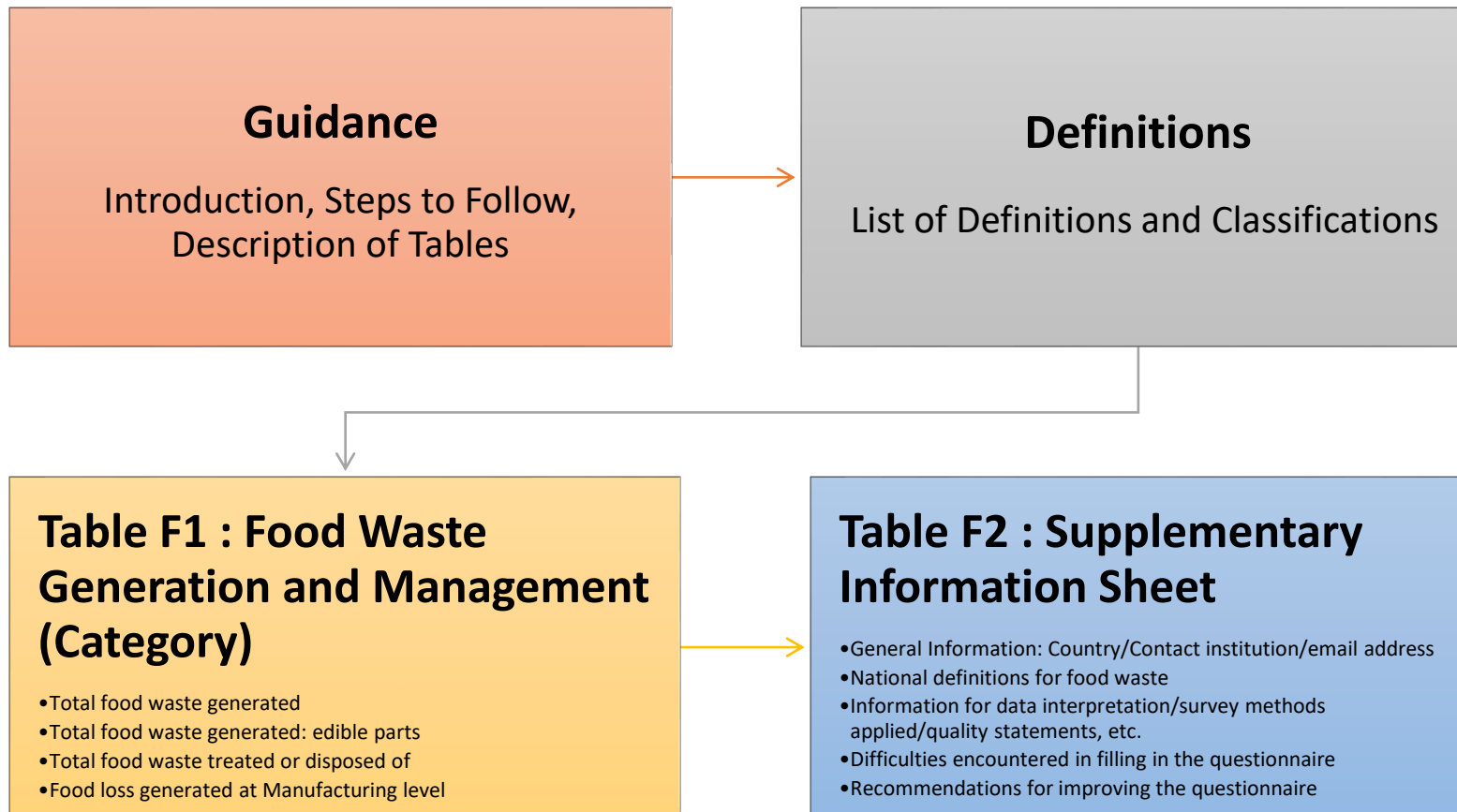on **e-waste generated** for 193 countries

12.5.1

2023:
Data on **hazardous waste recycled** received from 77 countries; on **municipal waste recycled** – 48 countries

2024:
UNITAR will provide estimates
on **e-waste recycling** for 84 countries

The UNSD/UNEP Questionnaire on Environment Statistics and OECD/Eurostat Questionnaires are used.

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Pilot data collection on food waste

To support data reporting on SDG 12.3.1(b)

Guidance Introduction, Steps to Follow, Description of Tables	→	**Definitions** List of Definitions and Classifications

Table F1 : Food Waste Generation and Management (Category) •Total food waste generated •Total food waste generated: edible parts •Total food waste treated or disposed of •Food loss generated at Manufacturing level	→	**Table F2 : Supplementary Information Sheet** •General Information: Country/Contact institution/email address •National definitions for food waste •Information for data interpretation/survey methods applied/quality statements, etc. •Difficulties encountered in filling in the questionnaire •Recommendations for improving the questionnaire

- The pilot data collection on food waste started in **January 2023** with **20 March 2023** as deadline for submission

- It involved **28 countries**: 5 from Africa, 4 from Asia and the Pacific, 10 from Latin America and the Caribbean, 8 from West Asia, and the USA

- Out of 28 countries:

  - **7** submitted data according to the questionnaire

  - **2** submitted other data/information different from the content of the questionnaire

  - **6** countries replied that their data not yet available

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Data collection on the sustainable use of oceans and seas

To support data reporting on SDG 14.1.1 and 14.2.1

In August 2023, UNEP launched a pilot data collection on SDG indicators 14.1.1(a) and 14.1.1(b) on coastal eutrophication and plastic debris density, and 14.2.1 on ecosystem approaches management of marine areas

- A questionnaire is being sent **to collect data** from member countries of the Regional Seas Programmes as well as non-member countries.

- UNEP's manual provides a methodology for SDG indicator 14.1.1(b) and recommends including sub-indicators related to **beach litter**, **floating plastic**, **and plastic in the sea column** and **on the sea floor**.

- These indicators are part of the broader framework of SDG 14, which seeks to address various challenges related to marine conservation and sustainable use, including the impact of waste and pollution on marine ecosystems.

Statistical guideline on plastic (1/3)

Introduction

Statistical guideline on measuring flows of plastic along the lifecycle

Purpose: To provide policy-makers with high-quality statistics on plastics that are comparable at the national, regional and global levels to inform policies on responsible consumption and production, the circular economy and others

Target users: National statistical offices and other relevant organizations responsible for production of statistics on plastics

Partners: UNEP and UNITAR in collaboration with UNCTAD, UNECE, UNSD, OECD, Eurostat, BRS, University of Leeds, NILU, and many others

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Statistical guideline on plastic (2/3)

Methodology

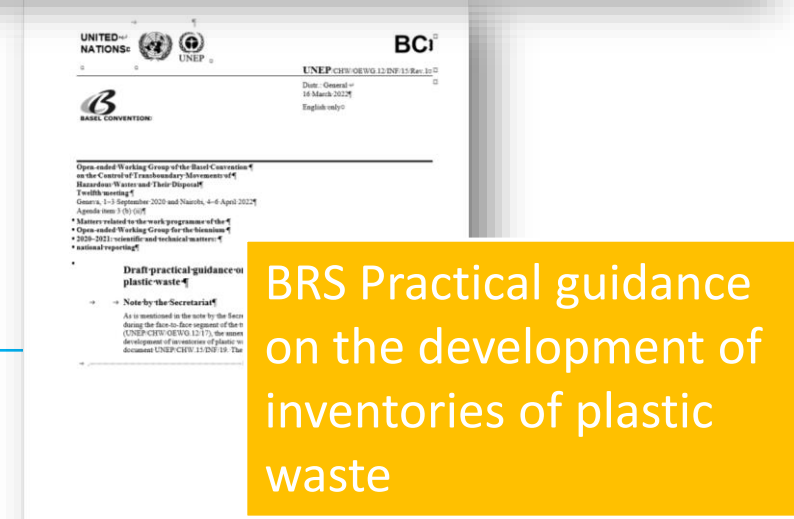Statistical guideline on measuring flows of plastic along the lifecycle will be based on international statistical standards and classifications:
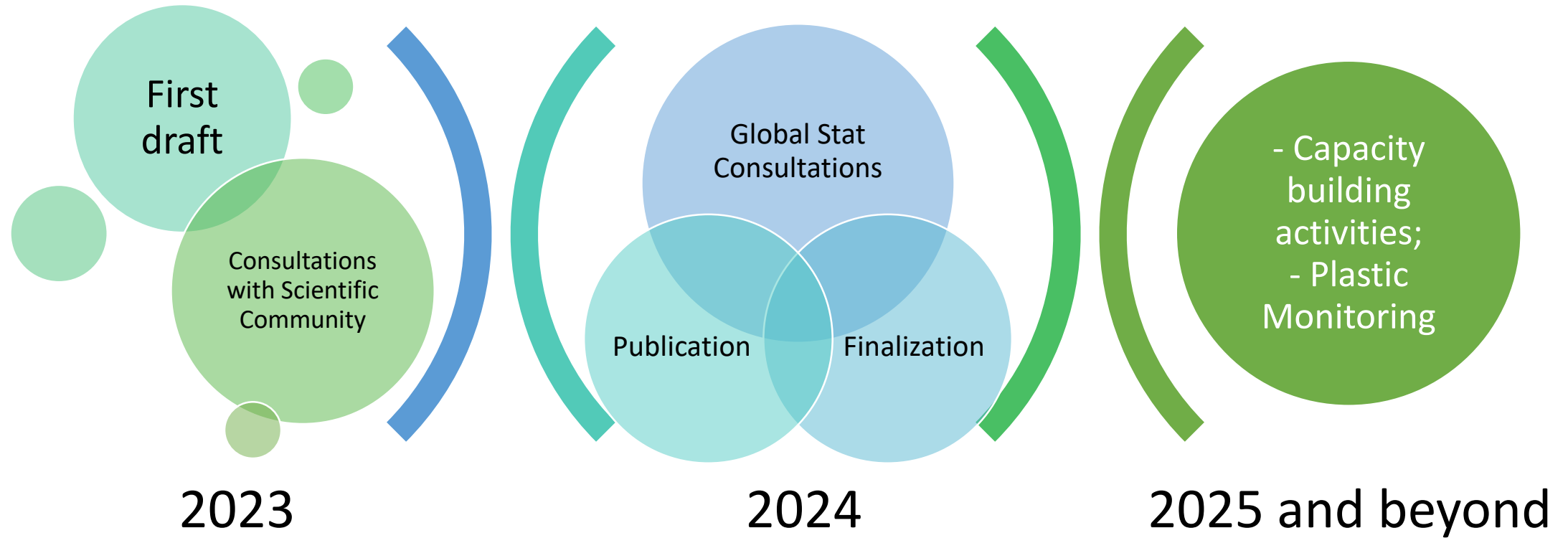

UNCTAD Plastics trade

Statistical Classifications

Statistical Frameworks

BRS Practical guidance on the development of inventories of plastic waste

Statistical guideline on plastic (3/3)

First draft

Consultations with Scientific Community

Global Stat Consultations

Publication

Finalization

- Capacity building activities;
- Plastic Monitoring

2023

2024

2025 and beyond

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Capacity building on waste statistics

2023

SDG indicators related to waste (12.4.2, 12.5.1)
- Past activities: Jordan, Kazakhstan, Ghana, Senegal
- Forthcoming: Kyrgyzstan

SDG indicator related to food waste (12.3.1b)
- Forthcoming: Kazakhstan, Senegal, Kyrgyzstan, Bangladesh

Environmental SDG Indicators Online Course – waste module
- Published in French (June 2023), in addition to Russian and English

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Thank you

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