UNEP Pilot Data Collection on Food Waste
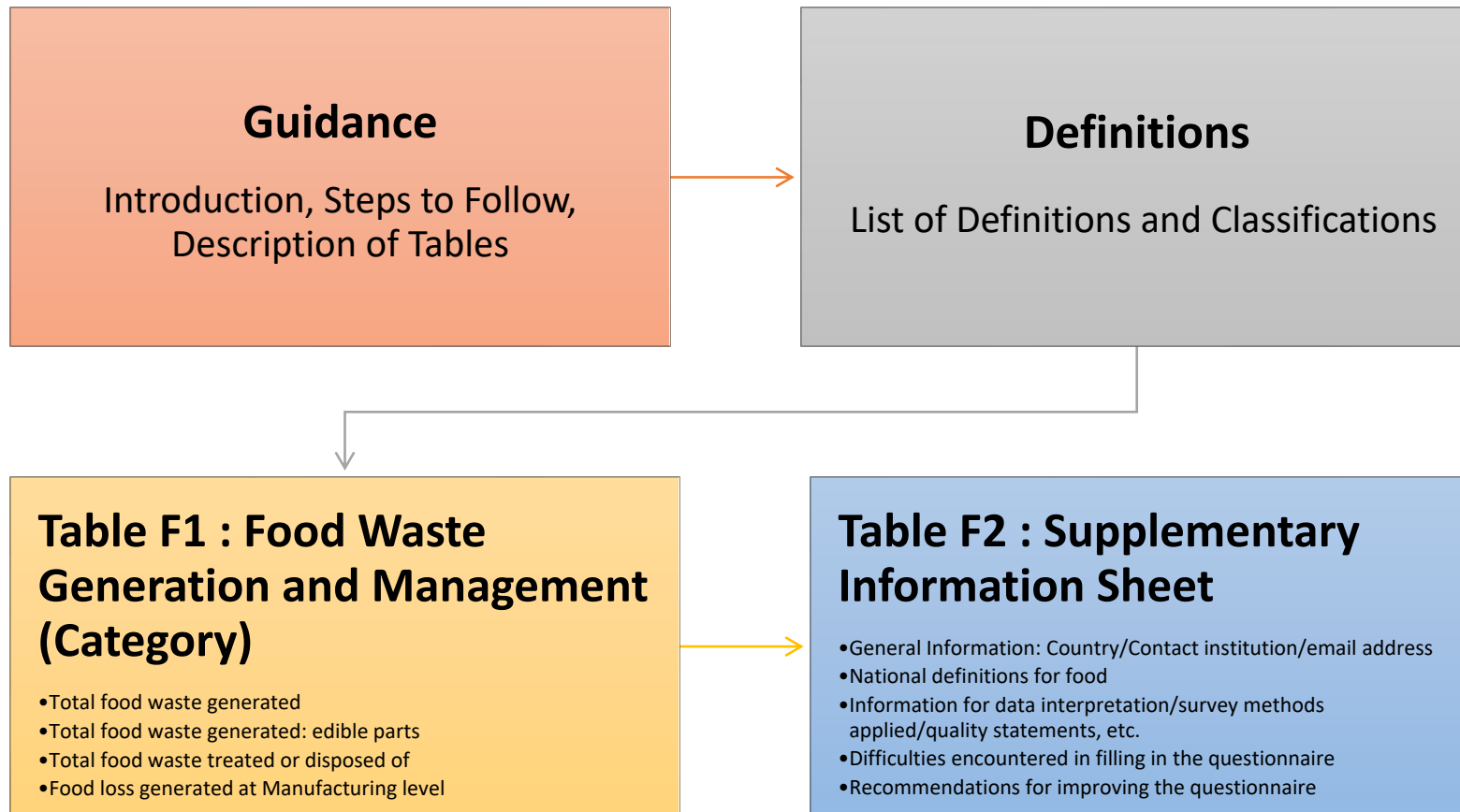
A Progress Report

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Questionnaire Contents

Guidance

Introduction, Steps to Follow, Description of Tables

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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

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Table F2 : Supplementary Information Sheet

- General Information: Country/Contact institution/email address
- National definitions for food
- 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 has been extended for a few countries that have requested it.

- It involved 28 countries: Africa 5, Asia Pacific 4, LAC 10, West Asia 8, and the USA

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The pilot data collection status

Region	Country	Status
Africa	South Africa	don't have data
West Asia	Bahrain	don't have data
West Asia	Lebanon	don't have data
LAC	México	don't have data
LAC	Chile	don't have data
LAC	Colombia	don't have data
LAC	Uruguay	don't have data
Africa	Uganda	not responded
Asia Pacific	China	not responded
Asia Pacific	Thailand	not responded
West Asia	Jordan	not responded
West Asia	Oman	not responded
West Asia	Qatar	not responded
West Asia	UAE	not responded
LAC	Paraguay	not responded
Asia Pacific	Malaysia	requested more time
LAC	Brasil	requested more time
Africa	Ghana	requested more time
West Asia	KSA	requested more time
LAC	Republica Dominicana	requested more time
Africa	Mauritius	submitted data
Asia Pacific	Japan	submitted data
West Asia	Palestine	submitted data
LAC	Argentina	submitted data
LAC	Ecuador	submitted data
USA	USA	submitted data
Africa	Nigeria	submitted other data
LAC	Costa Rica	submitted other data

- **No data available (7)**: Countries replied that they do not have data.
- **No response (8)**: Countries did not respond to the data collection invitation nor to the follow-up emails.
- **Requested more time (5)**: Countries requested more time to provide data.

- **Submitted data (6)**: Countries submitted data according to the questionnaire.
- **Submitted other data (2)**: Countries submitted other data/information different from the content of the questionnaire.

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Country data spotlight: Argentina

Table F1: Food Waste Generation and Management

Line	Category	Unit	F	2015	F	2016	F	2017	F	2018	F	2019	F	2020	F	2021	F
1	**Total food waste generated (=2+3+4)**	tonnes		1500000 A														
	Amounts generated by:																	
2	Retail trade, except of motor vehicles and motorcycles (ISIC 47)	tonnes										123434 C				65440 D	
3	Food Service (ISIC 49-52, 55, 56, 84, 85)	tonnes																
4	Households	tonnes						9500 B										
5	**(=6+7+8)**	tonnes																
	Amounts generated by:																	
6	Retail trade, except of motor vehicles and motorcycles (ISIC 47)	tonnes																
7	Food Service (ISIC 49-52, 55, 56, 84, 85)	tonnes																
8	Households	tonnes																
9	**Total food waste treated or disposed of (=10+11+13+14+15+16)**	tonnes																
10	Codigestion / anaerobic digestion	tonnes																
11	Composting / aerobic process	tonnes																
12	*of which:* by households	tonnes																
13	Incineration / Combustion	tonnes																
14	Landfilling	tonnes																
15	Sewer	tonnes																
16	Other, please specify in the footnote	tonnes																
17	**Food loss generated at Manufacturing level**	tonnes																

In 2015, the Ministry of Agriculture, Livestock and Fisheries made the first estimate on food losses and waste in Argentina, where seven food sectors were prioritized (meat - beef, poultry and pork-, cereals - wheat and corn-; fruits -pepita, stone fruit and citrus; milk; oilseeds -soybean and sunflower-; and potato). The methodology used for the estimation of Argentina's baseline took as a reference the study conducted by the Swedish Institute of Food and Biotechnology (SIK) for the FAO (2011).

This data is from Autonomous City of Buenos Aires in 2017, which presents 3 million inhabitants in total. This study was conducted through the application of a survey to a statistically representative sample of households in the city. This is the only relevant study carried out in Argentina on the estimation of food waste in households.

Supermarket chain study (41% of supermarkets in terms of market share of sales). Detailed and validated information was compiled for the supermarket sector on waste that originates from food intended for sale in the channel, but that does not end up in human consumption, regardless of the cause

For this new estimation of food waste in supermarket chains, the Secretary of Agriculture with GS1 Argentina, the support of UNEP and other organizations, developed a Dashboard using supermarkets real data of food waste. The participation rate in the calculation of food waste by supermarket chains represents 61% of the supermarket chain segment.

No data on destinations, edible fractions of food waste, or manufacturing level food loss.

Country feedback and recommendations

- **Additional instructions to view linked materials in questionnaire**: ISIC classification, respondent didn't understand how to read the linked materials.

- **Listing land application under "food waste treated or disposed of":** Should all SDG 12.3 destinations be listed there?

- **Data collection from top companies** by size and then averaged across the entire industry.

- **Embed a pop-up window in all cells** to be filled with instructions and validators to speed up information filling

- Home composting: respondent was confused as to why there is a specific data request for this category

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Thank you!

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