



United Nations Environment
Programme



Statistics Division
Department of Economic and Social Affairs
United Nations

Global Economy Wide Material Flow Accounting Manual

Global Consultation Comment Form

Deadline for responses: 1 March 2019

Please send responses to: seea@un.org

Your name:	Dr. Muhammad Khalid Farooq
Your country/organization:	Pakistan / Pakistan Bureau of Statistics/National Accounts
Contact (e.g. email address):	Kfarooq1966@gmail.com

To submit responses please save this document and send it as an attachment to the following e-mail address: seea@un.org.

The comment form has been designed to facilitate the analysis of comments. In Part I general comments on the general style, structure, content and coverage of the chapter are sought. In Part II any technical and other comments should be included.

Relevant documents

Relevant documents are available on the SEEA website at:

<https://seea.un.org/content/global-consultation-global-economy-wide-material-flow-accounting-manual>. The documents provided include:

- A cover note on the global consultation
- Draft manual and accompanying questionnaire
- Copy of comment form

1 GENERAL COMMENTS

In this section please provide general comments on the draft. You may like to consider providing comments on the style and tone, the structure and organisation, the content and coverage, and the general accessibility of the material.

In general this draft is a comprehensive document covering almost all aspects of material flow accounting. The document is well structured and organized with defined boundaries of the system.

All the materials and their flows are well defined and accounting system is clear and understandable.

With reference to classification of the items, it is noted that Statistics division has used their own classification, whereas these classifications differ country to country.

With reference to coverage of the material released to environment, it would be more beneficial if emissions released from fossil fuel during processing (electricity generation) and final use (such as use in transportation sector) are included.

2 TECHNICAL AND OTHER COMMENTS

In the box below please supply any additional comments including those of a more technical nature. Please reference your responses with the relevant paragraph numbers or section numbers.

This document is technically sound and provided very clear and robust explanation of accounting system of different materials aided with available data. However, it would be more informative if countries are encouraged to collect and use country specific data. For example, in table 2 harvest factor and recovery rates of biomass residues should be collected and compiled at country level due to difference in geography and environment.

Furthermore, agriculture residues should be clearly divided into crop residues (primary residues and processed residues) and waste into animal waste and Municipal Solid Waste due to difference in energy content, emission and recovery rate.

Regarding availability of relevant data for environmental accounting, it is pertinent to mention that at present PBS is collecting data on very limited indicators (available in Compendium of Environment Statistics of Pakistan), and even that data is not published regularly due to limitations in data availability and human resource. It is therefore suggested that capacity development program at PBS level may be initiated which will be helpful in data collection compilation and dissemination of maximum indicators covered in the draft manual at least at national level.