



AREA C

Development of Global Databases for SEEA

UNCEEA meeting
Virtual, 15,17 and 18 June 2026

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SEEA



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BETTER POLICIES FOR BETTER LIVES



In this presentation

Looking Back

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priority accounts

Moving Forward

Objectives &
Roadmaps towards
2030

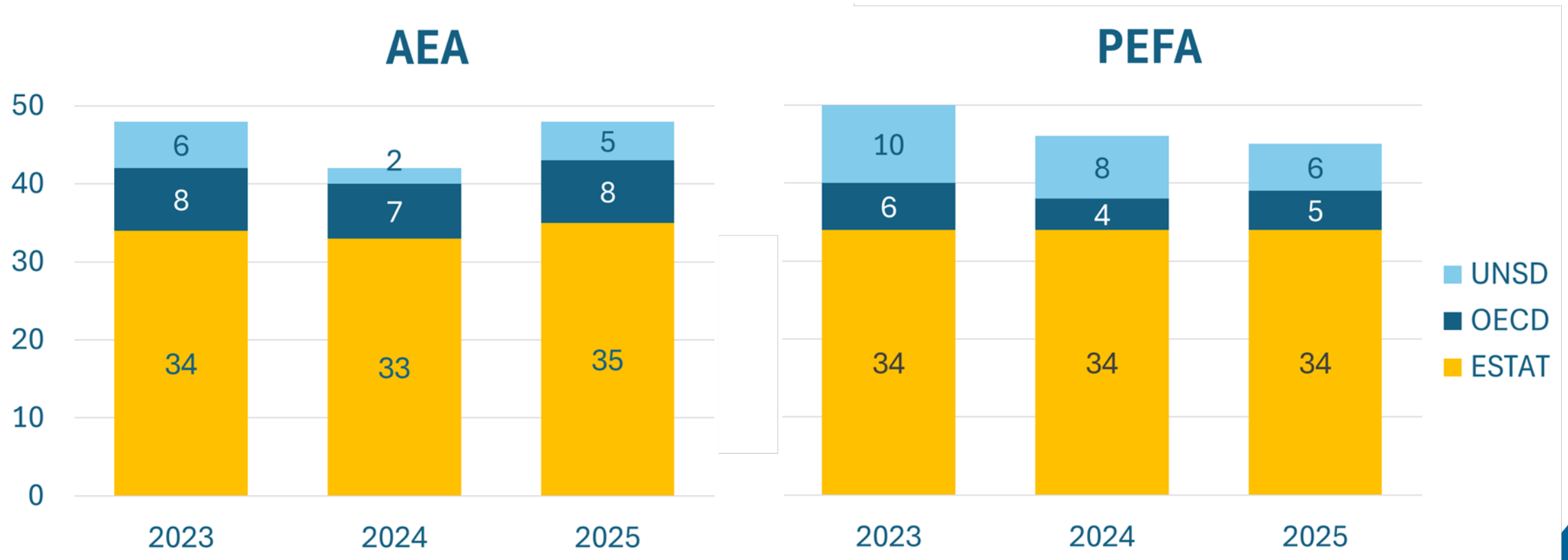


PROGRESS MADE ON EXISTING PRIORITY ACCOUNTS



Annual AEA & PEFA 3rd Coordinated Global Data Collection

- Minor fluctuations in the number of reporting countries
- Continued quality increase: timeliness, length of time series, granularity





AEA & PEFA 2026 Activities



- Data Collection (National Data)
 - 4th Coordinated Global Data Collection (started)
- Data Quality
 - Gap filling
 - OECD updated methodology for AEA
 - IMF compilation tools for AEA and PEFA
- Timeliness
 - Eurostat: early estimates PEFA t+12 month



Quarterly AEA - latest developments

- Coverage
 - New countries
 - Slovenia
 - France (developing phase)
 - Discontinued
 - UK
- Methodological innovation
 - Eurostat SA estimates for EU countries



Air and Maritime Transport (OECD): new modules available



- Estimation of GHGs and air pollutants other than CO₂
- Energy use by aircraft



- Refined estimation methodology
 - Comprehensive bottom-up approach, covering all vessels worldwide (including vessels not using the AIS)
- Territory approach (Port of departure)



Economy-Wide Material Flows Accounts

Global Database

Data collection

ESS: Annual data collection by Eurostat

Outside the ESS: new data collection planned for Q3 2026 (after 2022 and 2024)

SDG indicators

MFA data are one of the sources for SDG indicators

As of March 2025

7 non-Eurostat countries reported Domestic Material Consumption (SDG 8.4.2 / 12.2.2) via IRIS

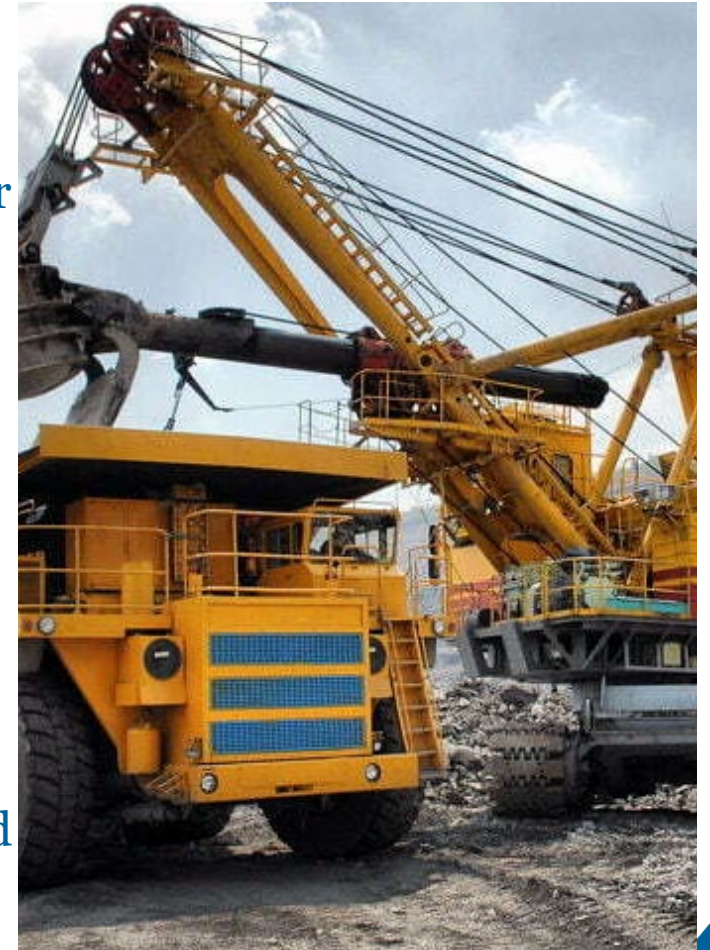
41 countries reported to the Global SDG Database in Q1 2025

New analytical capability

Global Footprint Tool (2025) based on MRIO modelling

To enable countries to assess material, energy, carbon, water and land footprints

UNEP to deliver regional webinars in 2026 to support country uptake





Road Maps towards 2030 Overall approach

Methodological development

SEEA-CF update

Potential update of existing
Manual on accounts

Development of NEW
Compilation Guide

Further methodological
advancements for
estimation and gap filling by
international organizations

Preparation

Technical preparation

Development of
questionnaires

Capacity building

Implementation

Distribution of
questionnaires

Data Validation

Dissemination of results



Road Map AEA-PEFA

Tasks	2026	2027		2028		2029		2030	
	H2	H1	H2	H1	H2	H1	H2	H1	H2
Methodological development									
SEEA-CF update									
LULUCF estimations (EO)									
Potential update of Eurostat Manual on AEA (2015)									
Potential update of Eurostat Manual on PEFA (2014)									
Potential update of UNSD/UNCEEA SEEA Energy (2019)									
Compilation Guide Q-AEA NEW									
Gap filling and estimation by international organisations									
Further methodological advancements for estimation									
Preparation									
Technical preparation (e.g. web platform for automated self-validation)									
Questionnaire									
ISIC Rev. 5, SIEC 2.0									
LULUCF and other human-induced flows									
Capacity Building									
Existing Global Data Collection and Dissemination									
New Global Data Collection and Dissemination with updated questionnaires									



Road Map EW-MFA

Tasks	2026	2027		2028		2029		2030	
	H2	H1	H2	H1	H2	H1	H2	H1	H2
Methodological development									
SEEA-CF update									
Material outflow estimation in the UNEP-IRP global material flow database									
GLORIA updates (Analytical database)									
UNEP-IRP global material flow database updates									
Preparation									
E-learning development									
Capacity building									
EW-MFA									
Global Footprint Tool									
Global Data Collection and Dissemination									
Global Data Collection (UNEP)									
Distribution of questionnaires									
Data Validation									
Reporting results to the Global SDG database									



FEASIBILITY OF NEW CANDIDATE PRIORITY ACCOUNTS



Interim Report: Goal

- Assess feasibility of implementing global databases for:
 - Environmentally Related Tax Revenue (ERTR)
 - Environmental Protection Expenditure Accounts (EPEA)



Interim Report: Content

- Reviews current global availability of data
- Identifies methodological and operational barriers
- Proposes solutions and opportunities
- Develops a roadmap (2026–2031) for possible implementation



Interim Report: Conclusions

- Adopt a phased implementation approach:
 - **Delay** data collection and implementation of global database until after revision processes of SEEA-CF, COFOG and GFS are completed
 - In the meantime, **preparation**
 - Possible update of existing handbook and statistical/compilation guide
 - Technical preparation: develop/adapt platforms for report and validation
 - Development of harmonised questionnaires
 - Capacity building
 - Pilot data collection and validation
- Overall:
 - ERTR is more immediately feasible
 - EPEA requires further methodological and capacity development



Road Map ERTR-EPEA

Tasks	2026	2027		2028		2029		2030	
	H2	H1	H2	H1	H2	H1	H2	H1	H2
Methodological development									
SEEA-CF update									
COFOG revision									
Eurostat (2017) Handbook on EPEA update									
Eurostat (2024) Environmental taxes – A statistical guide update									
OECD (2023) Methodological Guidelines for ERTR update									
Compilation Guide NEW									
Preparation									
Technical preparation (e.g. web platform for automated self-validation)									
Questionnaire									
Capacity Building									
Global Data Collection and Dissemination									
Pilot Action									
Global Data Collection									
Distribution of questionnaires									
Data Validation									
Dissemination of results									



Summary

- Strong progress on AEA, PEFA, EW-MFA
 - Quality and coverage improving steadily
- ERTR/EPEA: feasible but require phased implementation
- Roadmap towards 2030



DISCUSSION



The committee is requested to:

1. Express views on the work of Area C and progress made for the priority accounts
2. Advise on the planned activities for advancing global data collection for priority accounts over the period 2026-2030
3. Provide guidance on whether to delay global ERTR/EPEA data collection and global database implementation until after 2028



Thank you for your attention!

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