

Annex: Area C Road Map (2025)

Work elements/ topics	Lead agencies (partner agencies)	Objectives for 2021-2025	Steps toward the 2025 target	Timelines	Possible objectives for 2026-2030	Links to other areas
PRIORITY ACCOUNTS						
Air emissions (GHG, air pollutants)	OECD (with Eurostat and UNSD)	Expand geographical coverage: <i>Ensure that (i) all official AEAs are included in global databases; (ii) all AEA related national data are compiled or estimated.</i> Improve coverage of emission sources Improve timeliness & frequency: <i>Develop a methodology for quarterly estimation to meet the demand from policy makers.</i> Carry out further research	<ul style="list-style-type: none"> Develop tiered questionnaire with minimum set of information to be compiled by countries without SDMX transmission. Establish regular data collection and maintain annual updates of global compilation and estimation. Develop methodology for estimating emissions from international air and maritime transport, residence basis. Develop methodology for estimating annual AEAs for non-Annex I countries of UNFCCC. Develop methodology for quarterly AEAs (aiming ultimately at t+2 months' time lag after the end of the reference quarter). Would also lead to early annual emission estimates (collaboration between IMF, OECD, Eurostat, IEA, UNSD) 	<p>completed</p> <p>completed</p> <p>completed</p> <p>2022-24/25</p> <p>2021-22 Ongoing</p>	<p>Aim at uniform coverage of emission sources and gases, time</p> <p>Keep the questionnaire up to date (e.g. implementation of ISIC Rev.5)</p> <p>Improve the consistency with PEFA and emission inventories</p> <p>Further improve the estimation methodology for air and maritime transport (e.g. breakdown by ISIC)</p> <p>Further improve the estimation methodology for AEA (e.g. geographical coverage, sectoral disaggregation, gases)</p> <p>Potential further research areas: LULUCF, road transport</p>	<p>SEEA CF Update (Relevant for all accounts)</p> <p>DGI-3 Rec. 1</p> <p>Area A: climate indicators (UNECE core set), EUROSTAT-IEA-IMF-OECD-UNSD Task Team on Estimating Quarterly Emissions of Greenhouse Gases</p> <p>Area B1: issues related to LULUCF</p>
Energy	UNSD (with Eurostat and OECD)	Establish and maintain global database Finalise the estimation methodology	<p><u>SEEA database</u></p> <ul style="list-style-type: none"> Develop common data questionnaire for national reporting Establish regular data collection Undertake regular data collection Maintain annual updates of database <p><u>Estimation methodology:</u> Further exploration of estimation methodologies for accounts derived from energy balances, in coordination with DGI-3 efforts</p>	<p>Completed</p> <p>Completed Ongoing</p> <p>Medium term</p>	<p>Keep the questionnaire up to date (e.g. implementation of ISIC Rev.5, SIEC, IRES)</p> <p>Improve the consistency with AEA</p> <p>Improve the consistency/comparability of the territory/residence adjustment (e.g. TES, GIC)</p> <p>Further improve the estimation methodology for PEFA (e.g. geographical coverage, sectoral disaggregation, residuals, losses etc.)</p> <p>Development of cross-validation rules PEFA</p>	<p>DGI-3 Rec. 2</p> <p>Revision of SIEC (to be submitted to the UNSC in 2026)</p> <p>Revision of IRES</p> <p>Area A: climate indicators (UNECE core set)</p>

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					/ AEA Develop a methodology to estimate aviation fuel use with breakdowns including residents abroad and non-residents on the territory, similar to the OECD estimates of CO ₂ emissions from air transport.	
Economy-wide material flows (EW-MFA)	UNEP (with Eurostat and OECD)	Maintain and further develop the global database Refine the methodology for demand-based material flows (input-output based approach for use in international work) Implement automatic data transfer among IOs Carry out further research and improve relevance for circular economy policies	<p>UNEP IRP <u>global material flow database</u> (last updated Dec. 2023, frequency every two years)</p> <ul style="list-style-type: none"> Progressively integrate national data using a common data template (for non-EU countries - via the pre-filled EW-MFA questionnaire for SDGs, every two years from 2022, UNEP; for EU countries - Eurostat database) Reconcile national data with international estimates (UNEP and UNEP IRP) Continue capacity building in countries (UNEP) <p><u>Material footprints</u></p> <ul style="list-style-type: none"> Further develop and test the harmonised estimation method for demand-based material flows (OECD with Eurostat & UNEP) Update the roadmap for required developments & research (OECD with Eurostat & UNEP) Develop a Global Footprint Tool based on the GLORIA MRIO Database and pilot test it at the national level (UNEP) <p>Put in place an automatic data transfer and exchange mechanism (using SDMX) between UNEP and other IOs (UNSD, OECD, Eurostat)</p> <ul style="list-style-type: none"> Integrate MF data/accounts with waste statistics/accounts. Explore links with product statistics, and EGSS and tax revenue accounts. 	<p>Completed (with further regular updates every several years) Ongoing</p> <p>Ongoing 2021-22 Ongoing</p> <p>2023-2025</p> <p>Completed & Ongoing</p> <p>TBD</p>	<p>Increase national capacity to build EW-MFA and Material Footprint calculations, and to report national data to global databases</p>	<p>Area A: CE indicators</p> <p>Area D1: capacity building</p> <p>Area D1: capacity building Area B1: indicators from I-O analysis</p> <p>Area D1: capacity building</p> <p>Area A: CE indicators Area B1: classifications</p>
Land (cover)	OECD, EEA and FAO (with UNSD)	<p>Develop international consensus on data to be collected, develop an estimation methodology to use for gap-filling.</p> <p>Maintain a global database with regular updates, agree on practical co-operation</p>	<p><u>Data collection from countries:</u></p> <ul style="list-style-type: none"> Agree on the scope of future data collection (Q1-2024) Agree on the attributes of the reporting template (Q2-2024) Pilot-test the template with countries (Q4-2024) Determine next steps depending on the outcome <p><u>Estimation methodology:</u></p> <ul style="list-style-type: none"> Use estimates based on global data 	<p>Pilot test completed</p> <p>2024-25</p>	<p>Next steps will depend on the decision on priority accounts for 2026-2030.</p>	<p>Area B2: ecosystem accounts</p>

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		arrangements among IOs, and, should it be required, implement an automatic data exchange between IOs	<ul style="list-style-type: none"> Integrate LCML into ARIES for SEEA <p>Next steps:</p> <ul style="list-style-type: none"> Review coherence between existing data databases and collection – FAO, OECD, EEA, UNCCD: structure and content, data sources, methodology Develop an agreed hierarchy and ontology of LC classes that meet various information needs, while promoting harmonization. Develop a common data template for national reporting on land cover accounts: expert review meeting Pilot data template with countries 	<p>Ongoing</p> <p>Q3-Q4 2022: completed</p> <p>2024-2025: completed</p> <p>TBD</p>		
Water (physical supply and use tables)	OECD (with Eurostat) <i>in cooperation with UNSD, UNEP, FAO</i>	Populate simple SEEA water accounts (pilot)	<ul style="list-style-type: none"> Develop and agree on tiered reporting templates for water accounts building on the SEEA Technical Note (OECD, Eurostat) Test the use of country replies to the OECD/Eurostat questionnaire on inland waters for populating the standard template (OECD, Eurostat) Establish a database on SEEA water accounts (starting with EU countries and OECD member and partner countries) Conduct a feasibility study (OECD) Conduct a feasibility study (Eurostat and UNSD) 	<p>TBD</p> <p>TBD</p> <p>TBD</p> <p>2024-2025: completed</p> <p>Under preparation for 2026</p>	Next steps will depend on the outcome of the decision on priority accounts for 2026-2030 and the feasibility study by Eurostat and UNSD in 2026.	<p>Area B2: ecosystem accounts</p> <p>Area A: CE indicators</p>
OTHER DEVELOPMENTS						
Additional priority accounts	All involved	Identify a small set of future priority accounts	<ul style="list-style-type: none"> Discuss the potential of other accounts to become priority accounts at UNCEEA meeting Review the status of the selected accounts, identify the developments required and related arrangements among IOs Decide upon future priority accounts at UNCEEA meeting 	<p>2022-2025</p> <p>Ongoing</p> <p>2025</p>	Discuss the potential of other accounts to become priority accounts at UNCEEA meeting	
Other accounts						

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<ul style="list-style-type: none"> - Environmental subsidies account - Forest account - Investment on climate change mitigation - Climate change adaptation (expenditure) account - Ecosystem account 		<p>Eurostat starting first data collection on mandatory basis by end 2025</p> <p>Eurostat starting first data collection on mandatory basis by end 2025</p>	<ul style="list-style-type: none"> • Drafting/Updating guidelines. • Doing pilot collections of environmental harmful subsidies (Called “potentially environmental damaging subsidies” at Eurostat) • Drafting/Updating guidelines. 	<p>2025</p> <p>European forest accounts handbook published in 2024</p> <p>2024</p> <p>2025</p> <p>Under preparation</p>		DGI-3 Rec.6
<p>Overall coordination and governance</p> <p>Responsibilities for quality assurance and validation</p> <p>Dissemination of priority accounts</p> <p>Data ownership and copyright</p>	<p>OECD (all involved)</p> <p>UNSD (all involved)</p>	<p>Eurostat starting first data collection on mandatory basis by end 2025 (pending tasks)</p> <p>Reach a consensus and agreement on the sharing of responsibilities</p> <p>Establish a SEEA dissemination portal</p>	<ul style="list-style-type: none"> • Publish first estimate of investments on climate change mitigation. • Start data collection with legal basis in the EU • Eurostat to conduct a feasibility study <p>Sharing of responsibilities for data collection from national sources, and for data quality assurance and validation (subsidiarity principle). <i>to be discussed; arrangements will differ depending on the account considered</i></p> <p>Establish a portal providing access to SEEA databases and links to accounts hosted by lead (and partner) agencies. <i>For discussion</i></p>	<p>Ongoing</p> <p>2023-4</p> <p>TBD</p>	<p>Consider further improvement on access to SEEA databases</p>	DGI-3 Rec.7