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Global databases – Updated roadmap and remaining questions

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Main progress since 2017 UNCEEA

- **Going global and filling gaps**
  - Good progress with methods to estimate accounts for missing countries
  - Methods mature or close to mature, and ready for being applied

- **Getting prepared for data exchange: development of DSDs**
  - Good progress under the lead of Eurostat
  - Managed by a sub-group of the SDMX macroeconomic statistics ownership group (SDMX-MES OG)
  - Testing and review forthcoming

- **Making data available**
  - Progress with material flow data; land cover data

- **Working together**
  - International institutional arrangements for the production of global SEEA accounts (collection, compilation, estimation): well defined; some clarification needed
  - Other aspects: to be further clarified

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SEEA databases - Current status

Topic	Agencies involved	Data sources	Status of methodology
Air emissions	Eurostat, OECD	Country reporting, OECD methodology (estimated accounts)	Mature *based on Eurostat and OECD methodologies, endorsed by SEEA-CF TC*
Energy	Eurostat, IEA, UNSD	Country reporting, IEA estimates, UNSD methodology (estimated accounts)	Mature *based on Eurostat, IEA and UNSD methodologies, to be reviewed by SEEA-CF TC*
EW-MFA	Eurostat, OECD, UN Environment (IRP)	Country reporting, international databases (Eurostat, UN Env. and OECD)	Production-based: Mature *based on Eurostat, OECD and UN Env., under review by SEEA-CF TC* Demand-based: Under development *(OECD with Eurostat and UN Env-IRP)*
Land *cover*	FAO, OECD (EEA, JRC)	ESA and Université Catholique de Louvain (via FAO and OECD)	Mature? *To be reviewed by SEEA-CF TC ??*

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SEEA databases - Next steps

Topic	Lead agency (partner)	Current and planned tasks	Timeline
Air emissions	OECD (Eurostat)	Endorsement by SEEA-CF TC and UNCEEA	Q2-18 06/18
		Release estimated accounts for selected countries	As of Q3-18
		'Bridging items', LULUCF and non-Annex I countries	Tbd
Energy	UNSD (Eurostat and in collaboration with IEA)	Endorsement by SEEA-CF TC and UNCEEA	Q3-18 Q4-18
		Release estimated accounts for selected countries	Tbd
		Testing of Excel based tool	
EW-MFA	UN Environment (Eurostat; OECD)	Finalise global manual Endorsement by UNCEEA	Q4-18 Tbd
		Capacity building, data exchange, demand-based EW-MFA	Tbd
Land *cover*	FAO *(OECD)*	??	??

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The case of water accounts

- **No progress so far**
  - Limited data availability; many data quality issues
  - Low interest is some countries (EU)

- **International collection and production of water data well established**
  - OECD/Eurostat and UNSD/UNEP coordinated questionnaires
    - quasi-global coverage; ISIC breakdown for key variables; partially building on accounting principles (resources, abstraction, supply & use, wastewater)
  - FAO Aquastat: database (and new questionnaire)
  - Link to SDG indicators

- **Discussions on harmonised international questionnaire and collection process initiated to avoid duplication**
  - OECD/Eurostat/UNSD with FAO

- **Proposal to review feasibility at next UNCEEA meeting (2019)**
  - Build on SEEA-Water and Technical notes
  - Build on earlier review of questionnaire(s) and current response rates

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Quality assurance and validation principles

- **Data collected from countries**
  - Use QA and validation processes with countries already in place.

- **Data not or not yet collected from countries and estimated**
  - Apply *harmonised methodologies* that benefit from an international consensus, i.e. endorsed through a formal process by UNCEEA/SEEA-CF TF
  - Use commonly *agreed upon validation processes*, e.g. make the estimates available to countries for review, documentation and possible amendment before release

- **All data: apply principle of *mutual recognition***

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Dissemination and communication

- **Documentation**
  - Underlying data sources, compilation methods, validation criteria
  - Distinction between official country data and estimated data
    - Using flags or releasing "official" and "estimated" data in two separate datasets

- **Access (short term)**
  - Via statistical platforms of involved agencies
  - Cross-referencing among SEEA databases
  - Establishment of a dedicated webpage (portal) on SEEA website

- **Access (longer term)**
  - Envisage creation of *consolidated SEEA databases* combining several selected SEEA related datasets using a common structure and industry breakdown

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Proposed next steps

- **Following the UNCEEA meeting**
  - Review and finalise proposed roadmap (Area lead with group members)

- **Before end 2018**
  - Further clarify institutional and work arrangements (Area lead with group members)
    - Data collection, compilation, estimation
    - Data quality assurance and validation
    - Data dissemination and communication

- **In 2019**
  - Clarify/specify technical arrangements for data exchange (Area lead and Eurostat, with group members)
  - Initiate discussion on data ownership and copyright arrangements (Area lead with group members)
  - Prepare scoping note on global SEEA core water accounts

- **Any other steps to be considered?**

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Questions for discussion

- **Does the UNCEEA agree with the proposed roadmap and timelines?**

- **Views on the proposed validation process for estimated accounts:**
  - Endorsement of the estimation methodology by SEEA-CF TC and the UNCEEA, and
  - Review of estimates by countries for possible amendment before release

- **Views on the best way to disseminate global SEEA core databases?**

- **Views on how to best progress on water accounts?**
  - Does the UNCEEA agree with the proposal to discuss water accounts in greater detail at the 2019 UNCEEA meeting?

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Proposed Roadmap *(to be finalised after UNCEEA mtg)*

Topic	Lead agency (partner)	Timeline
Overall coordination and roadmap	**OECD (Area lead)**	**continued**
Clarification and agreement on responsibilities for data collection, compilation and estimation	All involved	Q4 2018
Quality assurance, checking and validation: • Consensus on a common approach • Agreement on (sharing) responsibilities	All involved	Q4 2018 Q2 2019
Dissemination of priority accounts on agencies' platforms; Providing links to priority accounts on a UNCEEA webpage (or portal)	All involved	See next slide; Q4 2018?
Clarification and agreement on data ownership and copyrights	All involved	Q2 2019?
Data transfers	**OECD (Area lead)**	**continued**
Conducting public review, preparing final version and publishing Global DSDs for SDMX transmissions	Eurostat, OECD, UNSD, FAO *(in collaboration with UNECE, UN Environment, and World Bank; managed by a sub-group of the SDMX-MES OG)*	Q1-Q2/3 2018; Q3/4 2018
Technical arrangements across IGOs (data flows)	All involved	Q2 2019?

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