

Annex E: Status Table for SEEA Global Databases

Area C Report to 15th UNCEEA

Priority topics	Agencies involved	Country coverage	Time coverage	Classifications used	Data sources	Available databases/datasets	Status of methodology (compilation, estimation)
Air emissions	Eurostat, OECD	Official data: AUS, CAN, EU, CHE, KOR, AUS, CAN, KOR, NOR, NZL, NOR, SRB, TUR, Estimated data: JPN, KAZ, RUS, UKR, USA	Official: 2000-2019* Estimated: 2007-2019* (for CO2, CH4, N2O) Annual updates *2019 updates to be released....	ISIC Rev4 Households	Country reporting and OECD methodology to estimate accounts using UNFCCC data	Eurostat: http://ec.europa.eu/eurostat/data/database , tables env_ac_ainah_r2, env_ac_aibrid_r2, env_ac_aeint_r2, env_ac_io10 OECD: https://doi.org/10.1787/data-a-00735-en	Mature Based on Eurostat manual and OECD estimation methodology (endorsed by SEEA-CF TC)
Energy	Eurostat, IEA, UNSD	Official data: EU, AUS, BHU, BWA, CAN, COL, CRI, FJI, GEO, JAM, KEN, MYS, MUS MEX, FSM, PLW, PRY, RSA, TUR Estimated data: none	2008-2017	ISIC Rev4 Households	Country reporting, IEA estimates and UNSD methodology to estimate accounts	Eurostat: http://ec.europa.eu/eurostat/data/database , tables env_ac_pefasu, env_ac_pefa04, env_ac_pefa05	Mature Based on Eurostat and IEA (Eurostat manual on PEFA), and UNSD conversion methodology (to be submitted to SEEA-CF TC)
Economy-wide material flows	Eurostat, OECD, UN Env. (and IRP)	Global	1970-2018 Annual updates	Material groups (no ISIC breakdown)	Country reporting and international databases from Eurostat, UN Environment,	UN Environment/IRP: http://uneplive.unep.org/material OECD: http://dotstat.oecd.org/Ind ex.aspx?DataSetCode=MATERIAL_RESOURCES Eurostat: http://ec.europa.eu/eurostat/data/database , tables env_ac_mfa, env_ac_mfadpo, env_ac_mfabi, env_ac_mfain, env_ac_rme, env_ac_rmefd and others for derived indicators	Production-based: Mature Based on Eurostat manuel, OECD guide and UN Environment global manual (under review by SEEA-CF TC) Demand-based: Under development (OECD with Eurostat and UN Environment-IRP) There is a need to improve the methodology for demand-based measures of material flows (i.e. material footprint)
Land (cover)	FAO, OECD (EEA, JRC)	Global (countries, macro-regions, metropolitan areas)	1992-2018	Land cover classes (SEEA-CF) UNFCCC land cover categories	ESA and Université catholique de Louvain Geomatics – Climate Change Initiative - Land Cover (via FAO and OECD)	FAO: www.fao.org/faostat/en/#home : Land Cover Domain OECD: http://dotstat.oecd.org/Ind ex.aspx?DataSetCode=LAND_COVER	Compilation methodology under review...
Water (resources, use)	Eurostat, OECD, UNSD, UN Env., FAO	Selected countries depending on data availability (EU, OECD, other)	1970-2018 (limited availability)	ISIC industries (limited availability)	Country reporting: OECD/Eurostat coordinated with UNSD/ UN Environment; FAO Aquastat		SEEA water and SEEA Technical note on water accounting SEEA Central Framework
Other topics							
Environmentally-related tax revenue (ERTR)	OECD, Eurostat	Selected countries depending on data availability (EU, OECD, other)	1994-2018	Tax base: energy, transport, pollution, resources; Total, air pollution, biodiversity, climate change, ocean	Country reporting: database of Policy Instruments for the Environment (PINE), OECD Tax statistics Database		Identifying ERTR in Tax revenue statistics <i>Working paper to Working Party on Environmental Information, November 2019</i>
Mineral & Energy resources - asset accounts	OECD	Currently covering 7 countries	1960-2019 (availability varies)	14 resources prioritized (same as World Bank)	Country reporting		OECD Green Growth Working Working paper (2018)

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Environmentally-related tax revenue (ERTR)	OECD, Eurostat	Selected countries depending on data availability (EU, OECD, other)	1994-2018	ISIC Rev4 Households Tax base: energy, transport, pollution, resources.	Country reporting: OECD/Eurostat	Eurostat: https://appsso.eurostat.ec.europa.eu/nui/show.do?dataset=env_ac_taxind2&lang=en OECD: http://stats.oecd.org/Index.aspx?DataSetCode=ERTR (Accounts will be available in Q3-2020)	Based on Eurostat manual and OECD methodological guidelines (under discussion)
Environmental Goods and Services	Eurostat	EU countries	2009-2017	Total, Ancillary, Market, non-market, own final-use ISIC CEPA and CReMA	Country reporting, Eurostat	Eurostat: http://ec.europa.eu/eurostat/data/database , tables env_ac_egss1 env_ac_egss2 env_ac_egss3	SEEA Central Framework <i>Eurostat manual</i> <i>Eurostat compilation guide</i>
Environmental protection expenditure accounts (EPEA)	Eurostat	EU countries	2006-2018	Final consumption, intermediate consumption, investments (GFCF), imports, output, others. Institutional sector ISIC for some variables CEPA and CReMA	Country reporting, Eurostat	Eurostat: http://ec.europa.eu/eurostat/data/database , tables env_ac_epea and subtables	SEEA Central Framework <i>Eurostat manual</i>
Environmental subsidies and similar transfers	Eurostat	EU countries	No data published yet	Institutional sector ISIC CEPA and CReMA	Country reporting, Eurostat	No data published yet (pilot data collection)	SEEA Central Framework <i>Eurostat manual</i>
Forest accounts	Eurostat	EU countries	2012-2017 (some countries back to 1986)		Country reporting, Eurostat	Eurostat: http://ec.europa.eu/eurostat/data/database , table for_eaf	SEEA Central Framework