G20

DATA GAPS INITIATIVE 3

Overview, Progress, and Way Forward for Recommendations 1 - 3

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Outline

- Progress since June 2023 DGI-3 global conference
- Readiness to close data gap and implementation
- Way forward

Progress since first DGI-3 Global conference in June 2023

- Jan 2024: Workshop for Rec. 1 Air Emission Accounts (AEA), including development of compilation tool to convert emissions inventories into AEAs
- March 2024: Workshop on data needs for Rec. 3 Carbon Footprint of FDI
- May 2024: Workshop for Rec. 2 Energy Accounts, including demo of Eurostat's physical energy flow accounts (PEFA) builder

Readiness of G20 Economies

Recommendation	Readiness	Conceptual and Accounting Frameworks	Reporting Templates	Source data
1. GHG Emissions Accounts and National Carbon Footprints	High	• *Manual for Air Emissions Accounts, Eurostat* • *2008 System of National Accounts (2008 SNA)* • *System of Environmental-Economic Accounting Central Framework (SEEA-CF)*	Yes	• GHG Emissions • Input-Output Tables (IOTs) or Supply and Use Tables (SUTs)
2. Energy Accounts	High	• *SEEA-CF*	Yes	• Energy Statistics and Balances, • SUTs
3. Carbon Footprints of FDI	Moderate	• *Benchmark Definition of FDI, 4th Edition (BD4)* • *Balance of Payments and International Investment Position Manual, sixth edition (BPM6)*	Yes	• FDI Statistics • International Trade Statistics by Enterprise Characteristic • Activities of Multinational Enterprise (MNE) statistics • Carbon emission intensities by industry and use (obtained from recommendation 1)

See [People. Planet. Economy. Third Phase of the G20 Data Gaps Initiative (DGI-3) First Progress Report]

DGI-3 Progress Report: Implementation status as of Sept 2023

Recommendation By number of economies	Data Gap is Closed	Data gap is being addressed	Data Gap is not Material for the Economy	Data gap is not an immediate priority area for the national authorities, given available resources	Unable to assess at this time, further consultation with national stakeholders is required
1. GHG Emissions Accounts and National Carbon Footprints	7	9	1	1	7
2. Energy Accounts	11	10	0	0	4
3. Carbon Footprints of FDI	0	15	0	2	8

List of economies: Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Republic of Korea, Mexico, Russia, Saudi Arabia, South Africa, Türkiye, United Kingdom, United States, European Union, Hong Kong, Netherlands, Singapore, Spain, Switzerland

See [People. Planet. Economy. Third Phase of the G20 Data Gaps Initiative (DGI-3) First Progress Report]

Way forward (1)

- **Rec. 1 Air Emission Accounts** and **Rec. 2 Energy Accounts** should be easier:
  - Well-established methodology
  - IT tools developed to assist with compilation
  - Use of global reporting templates for DGI-3 reporting
    - ✓ For **Rec. 1** – **template agreed**
    - ✓ For **Rec. 2** – under **consultation to use current global template**
  - Eurostat collects data for EU countries and UNSD and OECD launched global data collection

Way forward (2)

- **Rec. 3 Carbon Footprint of FDI** may present challenges for better estimation:
  - Concept Note was developed in March 2024
  - Relatively new area of study, which may contribute to the complexity of the task
  - Need for multi-regional input-output datasets and data categorized by ownership

- **Coordination between country task team members and focal points needed**:
  - Engagement with agencies responsible for producing statistics
  - Keep focal points informed of the dissemination of statistics

Way forward (3)

- Lead agencies will continue to work with participating economies:
  - Global and country-specific workshops: training, methodological advice, strategic planning, sharing of best practices
  - Implementation of IT tools for Rec. 1 Air Emission Accounts and Rec. 2 Energy Accounts
  - Guidance on Rec.3 on Carbon Footprints of FDI
    - Development of comprehensive documentation based on a country case to elucidate the practical implementation of the estimation process

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