

G20

DATA GAPS INITIATIVE 3

Update on Implementation

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Outline

- **Status as of July 2024**

Climate-related recommendations

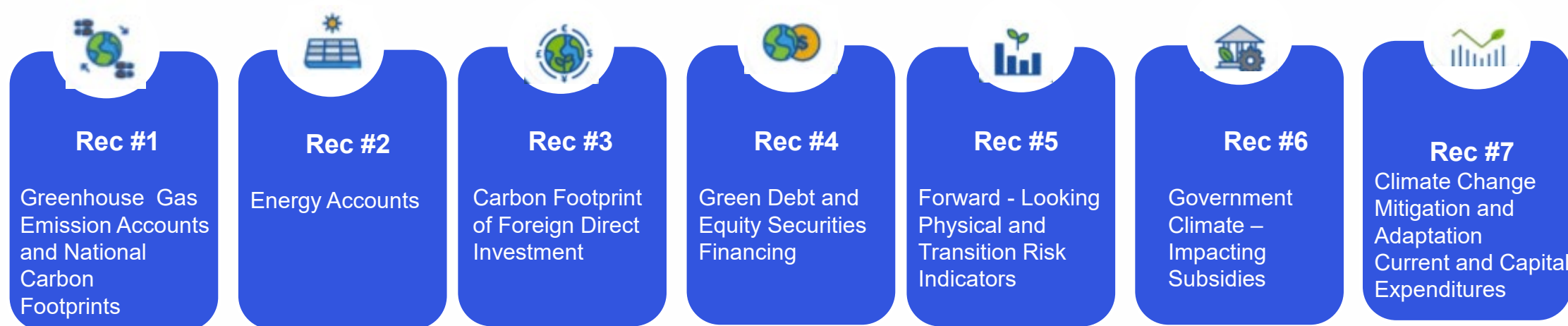
- **Implementation Progress**
- **Data Availability**
- **Next on the Workplans**

Collaboration with UNCEEA

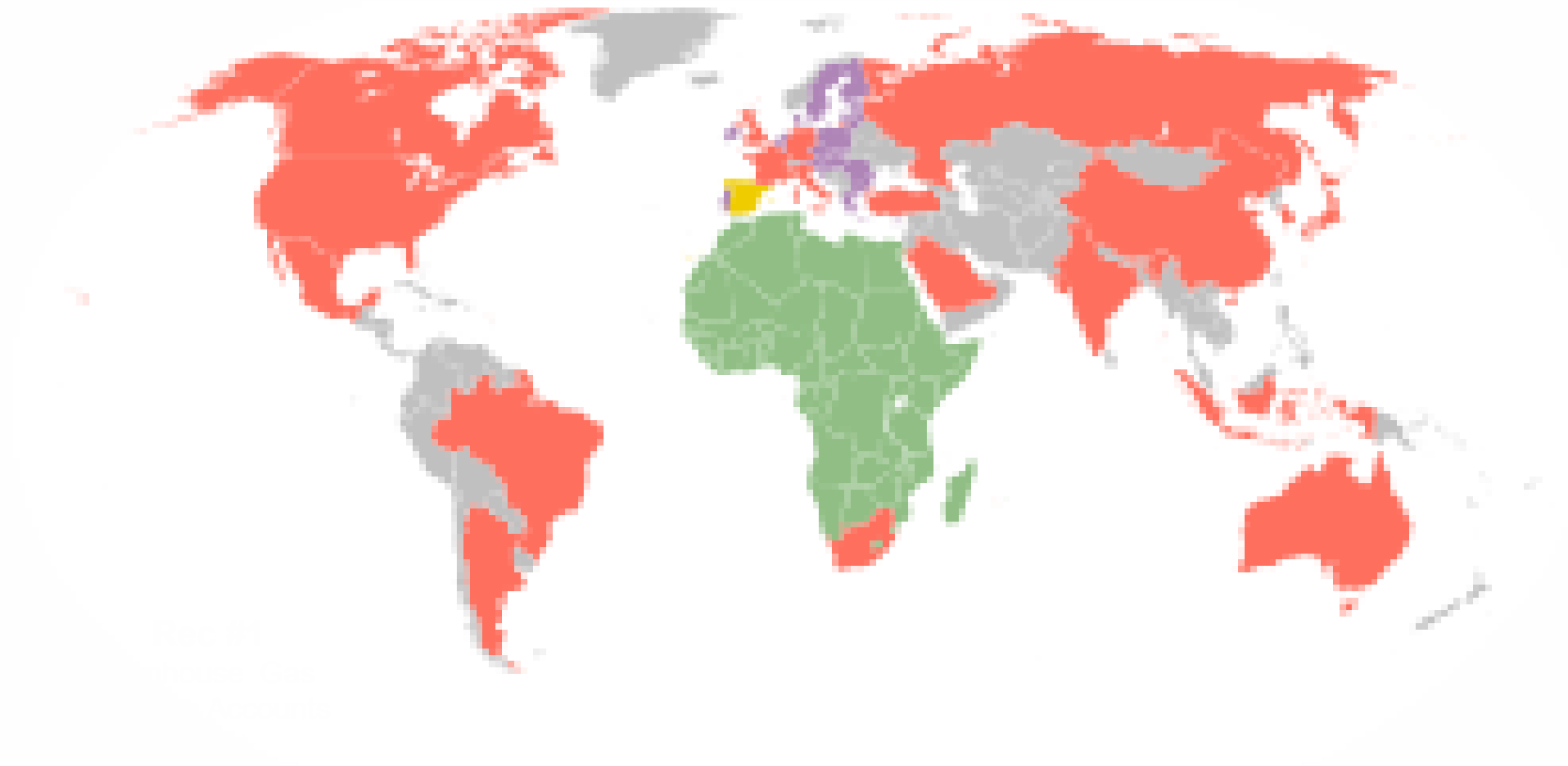
G20 Data Gaps Initiative (DGI-3)

Climate-Related Recommendations

- The new DGI-3 endorsed by the G20 FMCBG will play an important role in addressing climate-related data gaps
- Seven out of the fourteen recommendations are on climate-related data
- The recommendations are at different stages of development. The Eurostat-OECD-UNSD questionnaire is used for reporting to Rec. 1 and 2.



G20 Data Gaps Initiative (DGI-3)



- Member countries of the G20
- Countries represented through the membership of the European Union
- Countries represented through the membership of the African Union
- Countries permanently invited ([Spain](#))

Status of DGI-3 Recommendations

	Methodological Guidance	Reporting Templates	Source Data Requirements (where applicable)	Some Economies Compiling Data
Rec. 1 & 2	✓	✓	✓	✓
Rec. 3	In Progress	In Progress	In Progress	
Rec. 4	✓	✓	✓	✓
Rec. 5	In Progress	In Progress	In Progress	✓
Rec. 6 & 7	Preliminary	Preliminary	Preliminary	
Rec. 8 & 9	✓	✓	✓	✓
Rec. 10	✓	✓	✓	✓
Rec. 11	✓	✓	✓	✓
Rec. 12	✓	✓	✓	✓

- Key implementation pillars - **methodologies, templates, and data compilation frameworks** are in place for several DGI-3 recommendations.
- In some cases, the economies that do not yet compile - are limited by country-specific constraints, not delays in the recommendation.
- Under what conditions do we move from the **implementation phase** to **monitoring**?

Implementation of the Recommendations Across Economies

IMPLEMENTATION STATUS OF DGI-3 RECOMMENDATIONS (by participating economy, July 2024)

RECOMMENDATION	ARG	AUS	BRA	CAN	CHN	FRA	DEU	IND	IDN	ITA	JPN	KOR	MEX	RUS	SAU	ZAF	TUR	GBR	USA	EU	HKG	NLD	SGP	ESP	CHE
1. Greenhouse Gas Emissions Accounts and National Carbon Footprints																									
2. Energy Accounts																									
3. Carbon Footprint of Foreign Direct Investment																									
4. Climate Finance																									
5. Forward Looking Physical and Transition Risk Indicators																									
6. Climate-Impacting Government Subsidies																									
7. Climate Change Mitigation and Adaptation Expenditures																									
8. Distribution of Household Income, Consumption and Savings																									
9. Distribution of Household Wealth																									
10. Fintech Credit																									
11. Digital Money																									
12. Fintech-enabled financial inclusion																									

LEGEND

- 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.
- No inputs received

Source: IMF Staff presentation, based on economies' self-assessments during the 2024 stocktaking exercise



Implementation Progress

Milestones: Q3 2024 – Q2 2025

	Main Outcomes
Rec. 1-3	<ul style="list-style-type: none">• Completed validation/dissemination of AEA and PEFA submitted in the 2024 data collection• AEA and PEFA questionnaires were endorsed for 2025 global data collection.• Templates for AEAs and EAs (SEEA) were discussed and agreed.• AEA converter tool is available for countries to produce annual data from GHG inventories.• Rec.3: a stock take on data needs was completed; and the methodology paper was refined.
Rec. 4	<ul style="list-style-type: none">• Templates finalized; Methodological guidance provided.• Self-commitments collected on all parts of the templates (including green listed shares).
Rec. 5	<ul style="list-style-type: none">• Launch of a geospatial platform for the production and dissemination of physical risk experimental indicators using global data sets is underway
Rec. 6-7	<ul style="list-style-type: none">• Commencement of pilot phase to compile experimental estimates.• Preliminary concept notes and reporting templates developed for the pilot phase -> will inform finalization of the Methodological framework (expected 2027).



Data Availability

DGI Implementation: Data Availability (In-Progress & Disseminated)

Economies developing or publishing (experimental or official) data related to the DGI-3 recommendations.

	ARG	AUS	BRA	CAN	CHN	FRA	DEU	IND	IDN	ITA	JPN	KOR	MEX	RUS	SAU	ZAF	TUR	GBR	USA	EU	HKG	NLD	SGP	ESP	CHE
Recommendation 1: Greenhouse Gas Emissions Accounts and National Carbon Footprints		✓		✓		✓	✓		✓	✓	✓	✓					✓	✓	✓	✓		✓		✓	✓
Recommendation 2: Energy Accounts	✓	✓	✓	✓	✓	✓	✓		✓	✓			✓		✓	✓	✓	✓		✓		✓		✓	✓
Recommendation 3: Carbon Footprint of Foreign Direct Investment																									
Recommendation 4: Climate Finance	✓		✓	✓	✓	✓	✓			✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Recommendation 5: Forward Looking Physical and Transition Risk Indicators																				✓					
Recommendation 6: Climate-Impacting Government Subsidies																									
Recommendation 7: Climate Change Mitigation and Adaptation Expenditures																									

In the context of SEEA and specifically, Air Emissions Accounts (Rec 1) and Energy Accounts (Rec 2)

- Broad Dissemination with most countries publishing official or experimental accounts.



Next on the Workplans

Planned: Q3 2025 – Q2 2026

Recs.	Objectives/Tasks	Q3 2025	Q4 2025	Q1 2026	Q2 2026
Rec. 1 - 3	Lead agencies: Bilateral engagements with select economies on AEA & energy A/Cs (recs 1 and 2)	×			
	Lead agencies: Bilateral engagements with select economies on rec. 3	×			
	Lead agencies: Develop methods to integrate the statistics into global multi-regional input-output databases.		×		
Rec. 4	Economies: Set up plans regarding data sources and compilation approaches to achieve the intermediate and final reporting targets.		×		
	Economies: Disseminate basic aggregates on issuances of green debt securities based on self-commitments for intermediate reporting target.				×
Rec. 5	Lead agencies: Generate estimates using global data sets		×		
	Economies: To validate the global estimates				×
Rec. 6 - 7	Develop technical notes on source data requirements, mapping to taxonomies and estimation techniques			×	×

■ Design

- Bilateral & regional engagements to progress the compilation of data.
- Continue methodological development.

■ Process

- Development of some data at the multi-regional level (e.g. carbon footprints)
- Physical risk experimental geospatial data

■ Dissemination

- Disseminating the official/experimental estimates by economies and lead agencies.
- Rec.6 – 7: Starting Q4-2026, G20 and participating economies to compile experimental estimates of climate impacting subsidies; and climate mitigation expenditures and climate adaptation expenditures.



Collaboration with UNCEEA

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Recs.		Topics to be discussed with SEEA Technical Committee/ Groups	Link to the update SEEA CF / and GFS issues
Rec. 1 - 3	Energy and Air Emissions Accounts	Concordance tables/ Allocation matrices used in the tools developed for the accounts. Methodology to produce air emission accounts starting from the UNFCCC emission inventories or EDGAR air emission data to be reviewed by the Technical Committee on the SEEA Central Framework .	Implementation of SEEA CF
	National Carbon Footprints	Methodology to be adopted for carbon footprint using MARIO	A3 – Update of existing information on EE-IOT
Rec. 4	Climate Finance	Templates and framework developed will be considered by SEEA Technical Committee and Task Teams set up for update of SEEA Central Framework	C8 Incorporating sustainable finance into an accounting framework
Rec. 5	Forward looking physical and transition risk indicators	Proposed indicators can be considered as one issue of the SEEA CF update	Issue??
Rec. 6 - 7	Climate impacting subsidies and climate change related expenditures	Once feedback is received from the countries on the pilot phase, templates and framework developed for the recommendations can be considered by SEEA Technical Committee and Task Teams set up for update of SEEA Central Framework	C3 Extending the scope of environmental activities C4 Primary and secondary purpose C5 Climate mitigation and adaptation expenditures C6 Inclusion of potentially environmentally damaging subsidies C7 Elaborating environmental tax abatements 2.20 Climate-sustaining and climate-damaging subsidies and other transfers Environmental expenditures + others

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