

G20

DATA GAPS INITIATIVE 3

Update for UNCEEA

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Finance Ministers and Central Bank Governors...

“...are looking for ways to reduce emissions through policies—such as increasing carbon taxes, reducing fuel subsidies and improving regulation—with the aim of achieving their Nationally Determined Contributions.”

Finance Ministers and Central Bank Governors...

“...need to build financial and institutional resilience by making substantial investments in infrastructure and support programs to help businesses and citizens adapt to natural disasters and extreme weather events.”

Finance Ministers and Central Bank Governors...

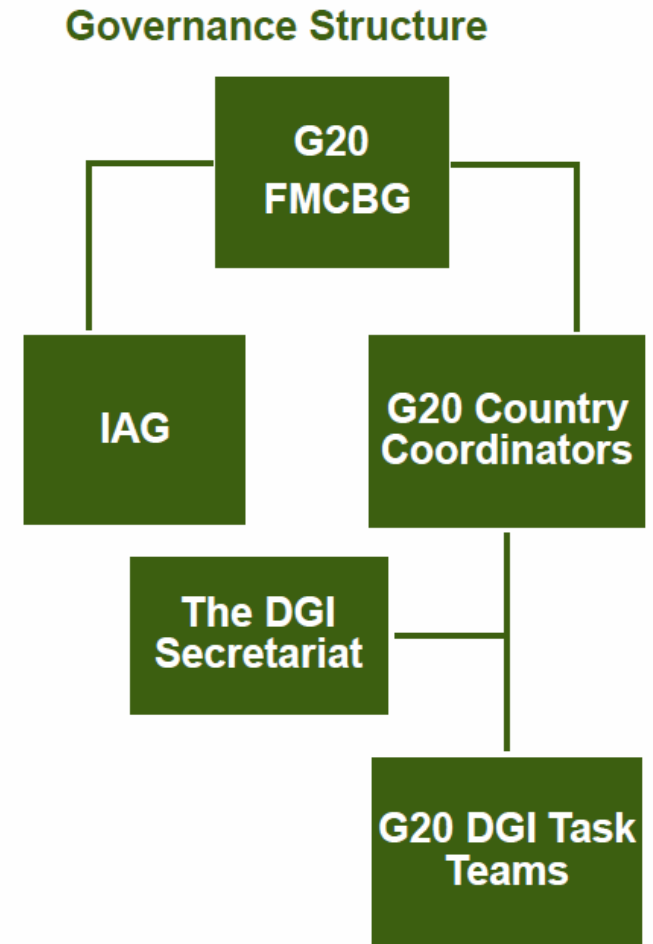
“...are actively seeking ways to establish the necessary conditions to attract and channel private sector finance towards investments that help mitigate GHG emissions and help economies and financial markets adapt to climate change.”

Finance Ministers and Central Bank Governors....

“...are looking to update their financial sector regulation to cover climate risks and exposure as well as develop measures to help diversify economies away from carbon intensive industries while mitigating the social impact on affected communities.”

G20 DGI-3—Overview of the Governance Structure

- The Data Gaps Initiative 3 (DGI-3) covers: (i) climate change; (ii) household distribution; (iii) fintech and financial inclusion; and (iv) access to private sources of data and administrative data, and data sharing.
- Given the range of topics covered by the DGI-3, to implement the workplan 11 task teams were established during the 2023 Q1.
- The objective of the task teams is to **establish the methodological framework, implement guidance and facilitate the compilation** of data required by the targets.



G20 DGI Climate Change Policy Data Gaps

Economic activity influences climatic conditions, which leads to increasing hazards and risks which require action.

Activity Indicators

(DG 1) GHG Emissions
(DG 2) Energy Accounts
(DG 3) Carbon Footprints

Impact Indicators

(DG 5) Physical and Transition Risk Indicators

Action Indicators

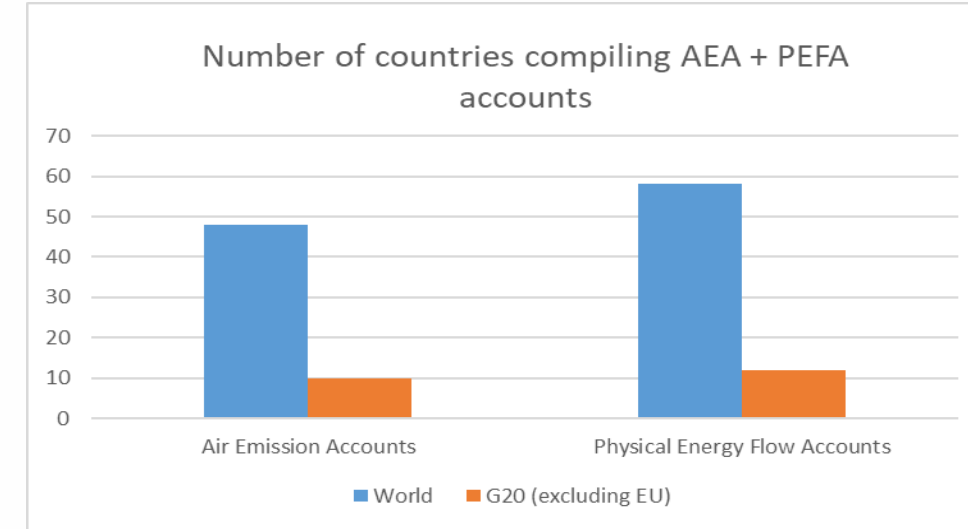
(DG 6, DG 7) Subsidies, Climate Mitigation and Climate Adaptation Indicators

(DG 4) Climate Finance

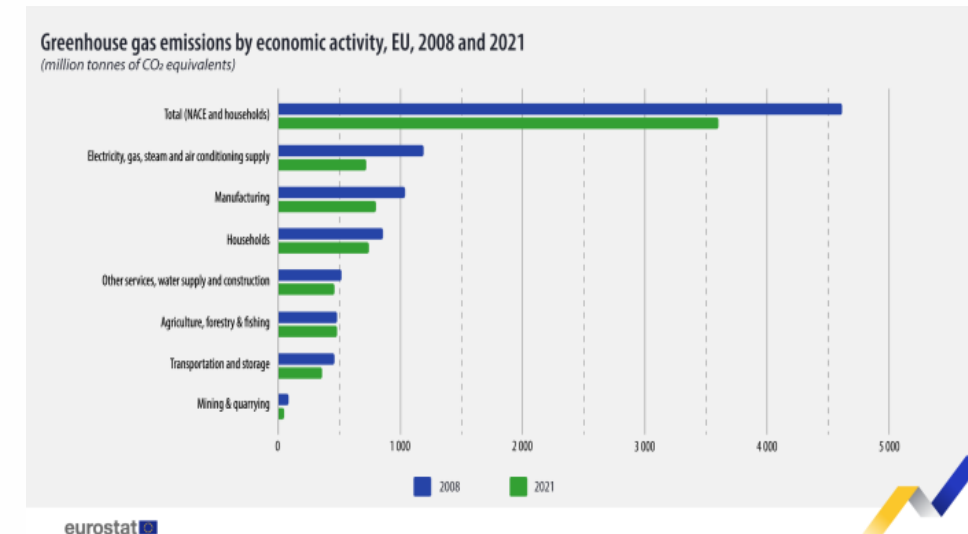
G20 DGI – RECS. 1, 2, and 3: Greenhouse Gas Emissions Accounts, Energy Accounts and National Carbon Footprints

- **Policy Driver:** *Monitor progress towards emission targets and the transition towards a low carbon economy*
- **Statistical Outputs:** SEEA - Air Emissions Accounts, SEEA - Energy Accounts, National Carbon Footprints (including carbon footprints of FDI)
- **Timeline:** First data delivered starting Q4 2023.

Methodological Framework	IAG-Leads / Stakeholders
Existing Statistical Manuals ✓ SEEA-CF / SNA / BPM, FDI – BD4	IMF, UNSD, Eurostat, OECD
Other Methodological Frameworks ✓ UNFCCC – National Inventories ✓ OECD – EU National Inventories to Air Emissions Accounts Bridging Methodology ✓ UNCEEA Energy Accounts Report Form ✓ UNCEEA Air Emission Accounts Report Form	UNFCCC UNCEEA ISWGNA IPSASB



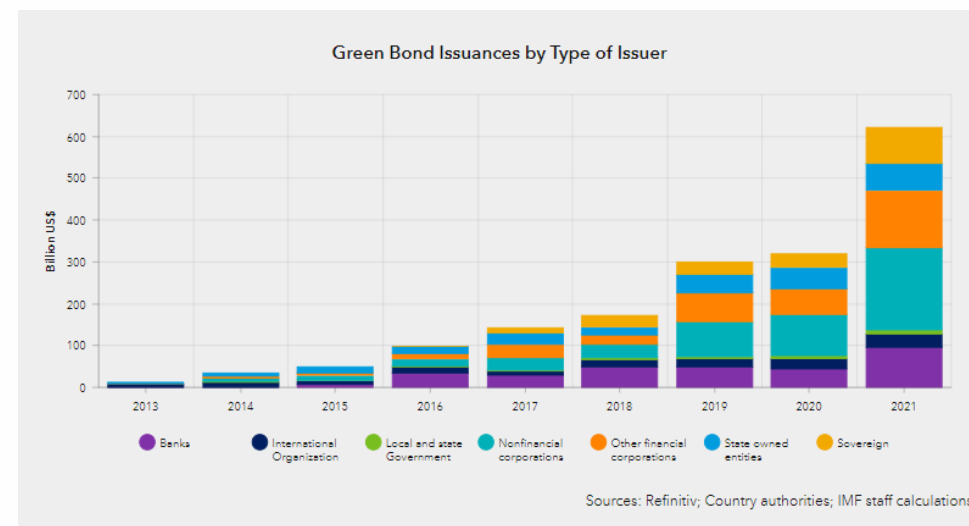
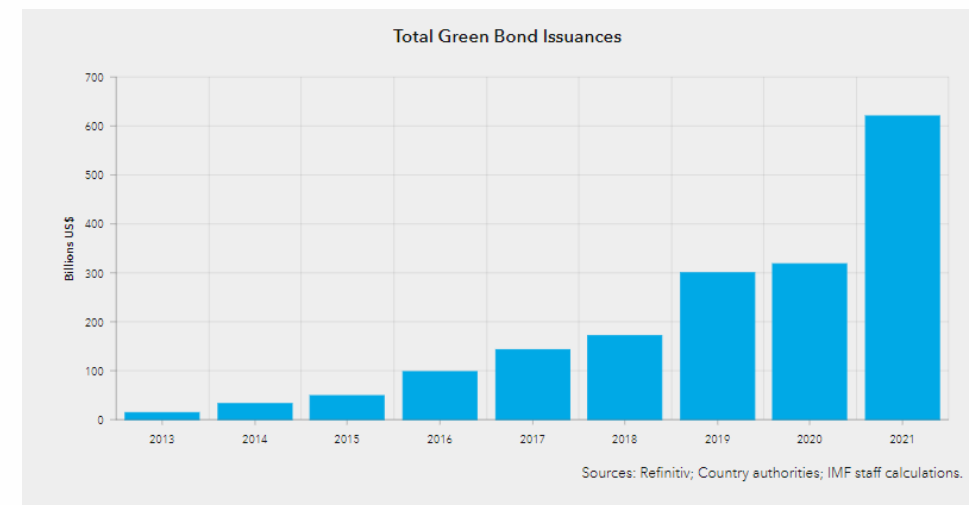
Source: 2023 UN global assessment on SEEA implementation



G20 DGI – REC 4: Climate Finance

- **Policy Driver:** *Incentivizing investments in green projects and activities that can contribute to climate change adaptation and mitigation.*
- **Statistical Outputs:** Issuances and holdings of green debt securities and green listed shares.
- **Timeline:** First data delivered starting Q1 2024.

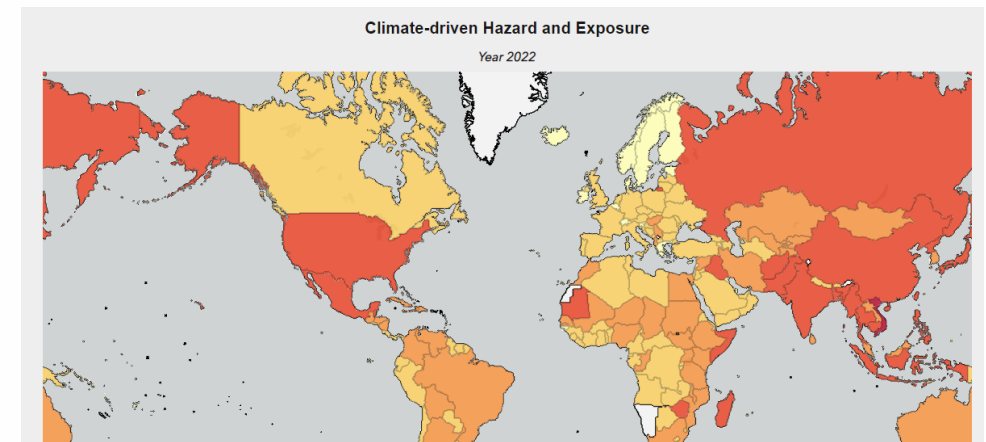
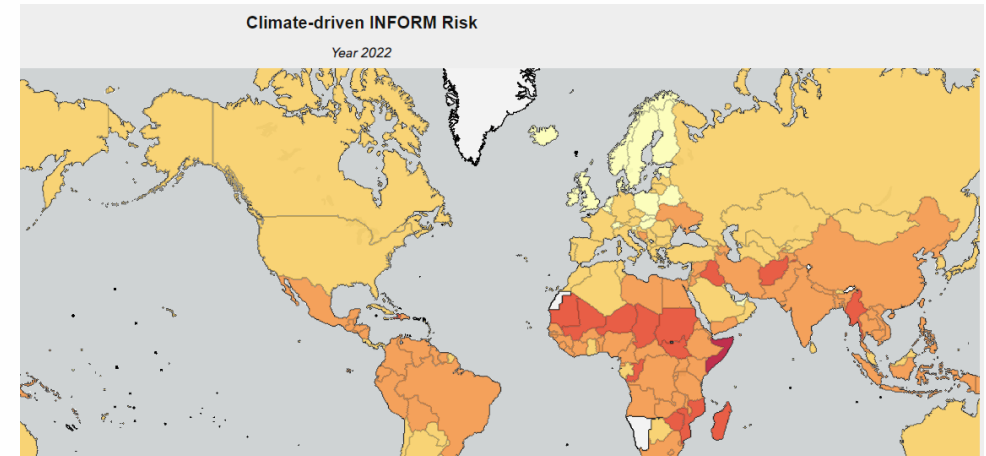
Methodological Framework	IAG Leads / Stakeholders
Existing Statistical Manuals / Frameworks <ul style="list-style-type: none"> ✓ Handbook on Securities Statistics ✓ G20 DGI 2 – Securities Statistics Reporting Templates 	BIS, ECB, IMF NGFS G20 Sustainable Finance Working Group
Ongoing Methodological Updates <ul style="list-style-type: none"> ✓ System of National Accounts and Balance of Payments Manuals Update processes 	IFRS Foundation - International Sustainability Standards Board FSB Secretariat and members IPSASB



G20 DGI – REC 5: Forward Looking Physical and Transition Risk Indicators

- **Policy Driver:** *Quantify and monitor forward looking risk to help prioritize and develop support for climate action.*
- **Statistical Outputs:** Forward looking physical and transition risk indicators (risk to populations, economic growth, financial markets, profits, **ecosystems** etc..)
- **Timeline:** First data delivered starting Q4 2024.

Methodological Framework	IAG Leads / Stakeholders
✓ SNA, BPM, SEEA-CF, SEEA-EA	IMF
✓ NGFS Climate Scenarios	Network for the Greening of the Financial System
✓ Ongoing analytical work by the ECB and FSB related to climate-related financial risks	ECB/OECD / BIS (IFC) / FSB Secretariat / World Bank
	IPSASB
	UNCEEA



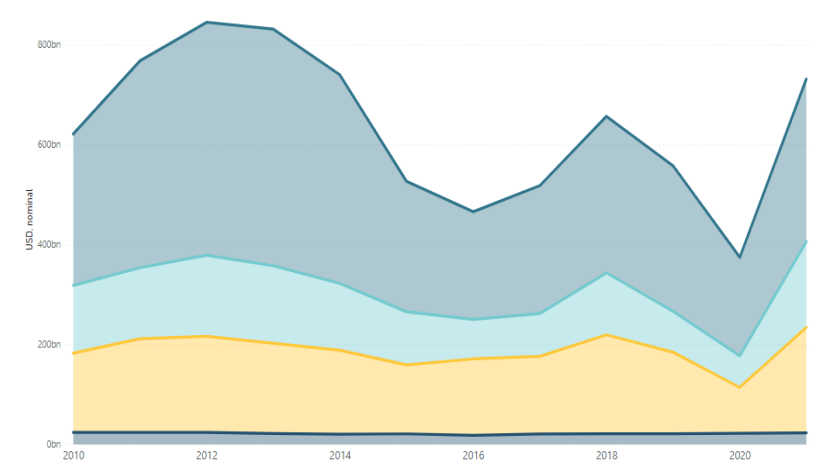
G20 DGI – RECS 6 and 7: Climate Change Related Expenditures

- **Policy Driver:** *Tracking investment in climate mitigation and adaptation technologies and infrastructure and jobs.*
- **Statistical Outputs:** Climate impacting subsidies (positive and negative) and Current and Capital expenditures on climate mitigation and adaptation technologies, infrastructure and related jobs.
- **Timeline:** First data delivered starting Q2 2024.

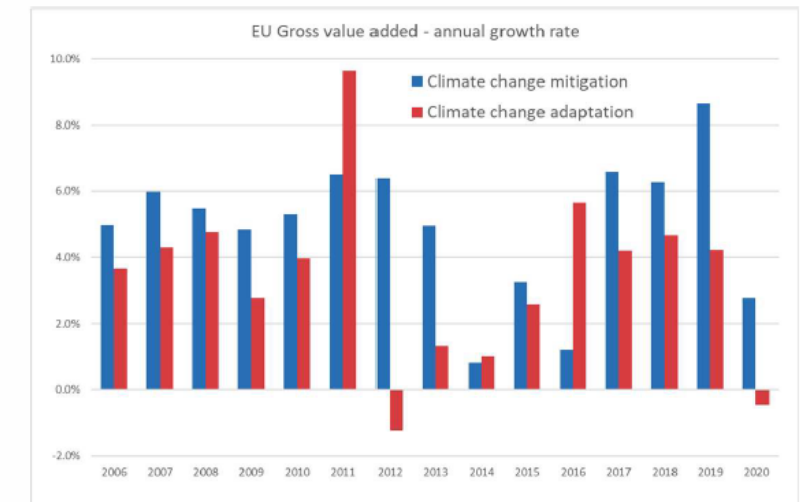
Methodological Framework	IAG Leads / Stakeholders
Existing Statistical Manuals ✓ SEEA-CF, SNA, BPM, and GFSM	IMF, UNSD UNCEEA
Ongoing Methodological Updates ✓ SNA/BPM ✓ ISIC/CPA ✓ Classification of Environmental Activities ✓ COFOG (possibly)	UNCEISC GFS Advisory Committee OECD Task force on climate change expenditures Eurostat

Global estimates by fuel type

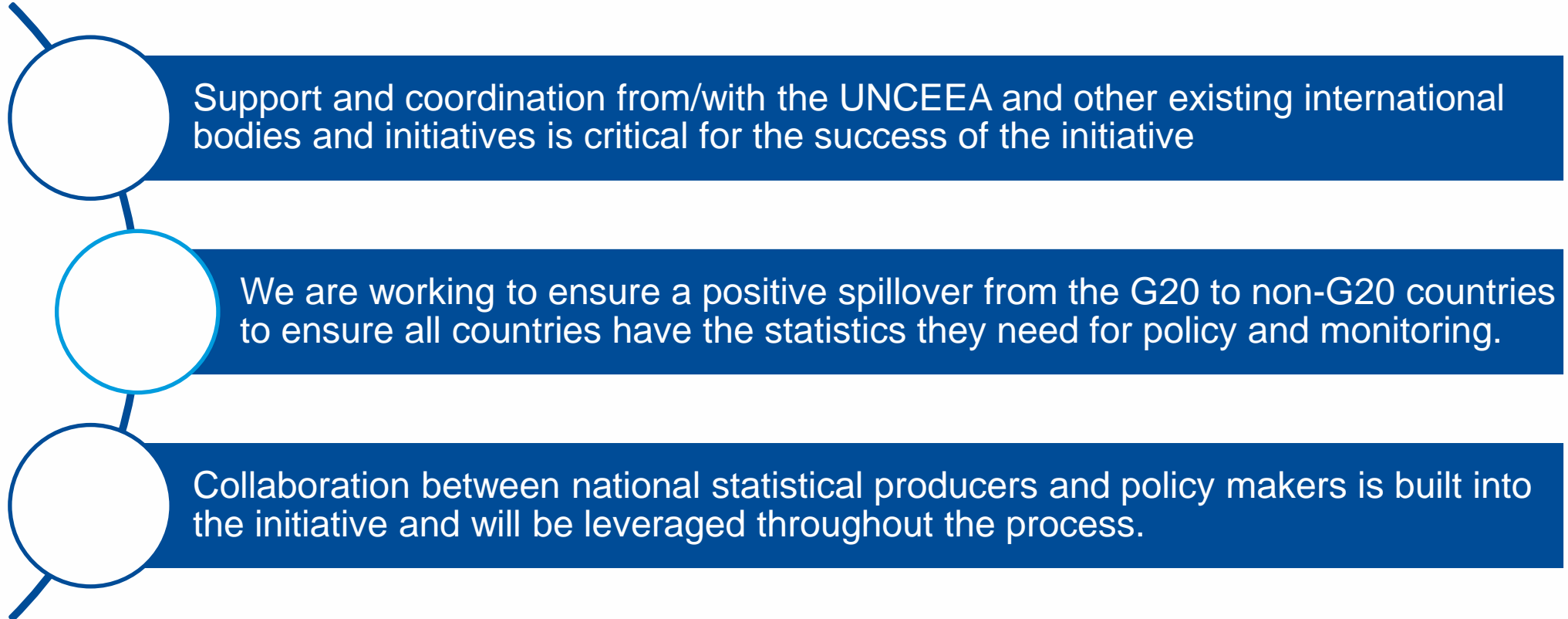
Fuel type • Coal • Electricity • Natural gas • Petroleum products



<https://fossilfuelsubsidytracker.org/>



Closing data gaps requires joint action



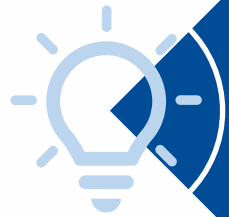
A few ideas / thoughts coming out of the recent global conference...



Organize “Hackathons” with G20 and non-G20 economies to develop an initial set of indicators / accounts (e.g. energy accounts) leveraging existing national and global data sources.



Establish a project on GitHub to share tools developed as part of this initiative to be shared across all countries.



Wherever possible collaborate (integrate) this work with existing initiatives / structures to maximize efficiency and speed up delivery of data.



Questions?



**P E O P L E
P L A N E T
E C O N O M Y**

DELIVERING INSIGHTS FOR ACTION