

INTERNATIONAL STATISTICAL RESPONSE TO CLIMATE CHANGE-RELATED DATA POLICY NEEDS

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Climate change is a priority issue for policy

- **OECD:** longstanding work by EPOC
 - **Eurostat:** European Union *Green Deal*
 - **IMF:** Focus on climate change and policies
 - **Evidence and data is needed to assess:**
 - Impact of economic activity on the climate
 - Economic and social consequences of climate policies
- ➔ **Broad scope for climate change related statistics**



Key ongoing international initiatives

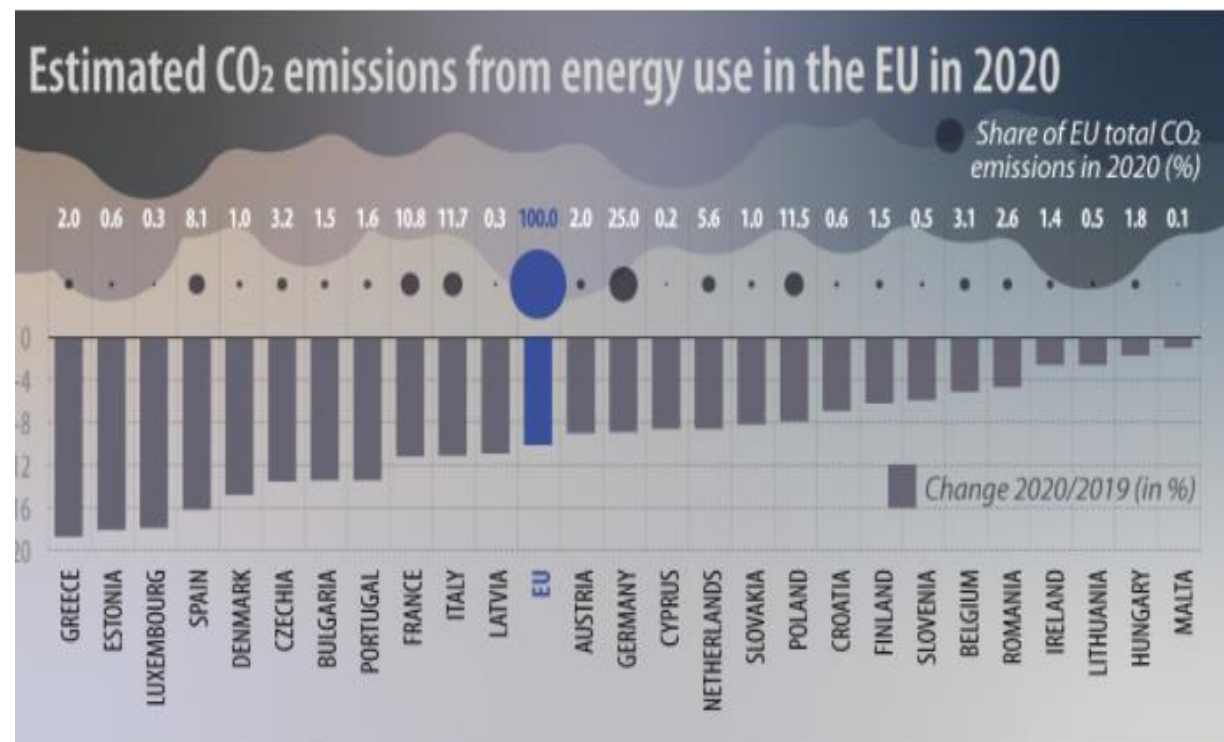
- SEEA Central Framework
- SEEA Ecosystem Accounting
- Central Banks' *Network for Greening of Finance*—Bridging the Data Gaps
- UNECE CES Recommendations on Climate Change-Related Statistics
- Specific data initiatives (see below)
- Data sharing among I/Os



Ongoing initiatives



- **SEEA based accounts**
 - Air emissions accounts, energy accounts and environmental taxes
- **Expansion of the set of climate change-related statistics**
 - On green investment, forest accounts
- **Early estimates of annual estimates**
 - CO₂ emissions from energy use
- Review of climate-change related stats to identify **new user needs**
- Climate change **dedicated website**



Sweden: data under revision

Ongoing initiatives



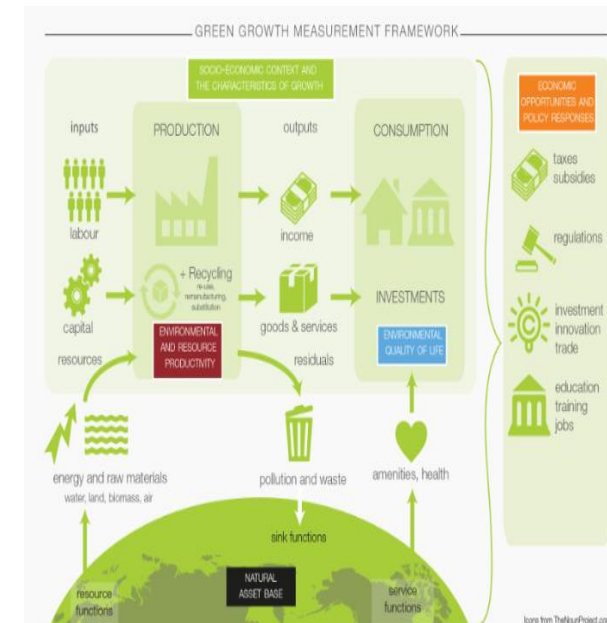
- **Key areas of immediate need for climate-change related data**
 - Economic activity related (greenhouse gas emission & CO₂ emission/\$ output)
 - Cross-border activities
 - Financial & risk indicators;
 - Government policy
- **Climate change dashboard**
 - Improve the timelines and frequency of climate-change indicators
 - Ensure standardized and comparable data
- **Support members** to develop, compile and disseminate climate-change related statistics
- **9th Statistical Forum**
 - Measuring Climate Change:
The Economic and Financial Dimensions
- **New G-20 sponsored Data Gaps Initiative**



Ongoing initiatives



- **SEEA accounts: GHG emissions data**
 - Building on Eurostat data plus other OECD countries
 - Emission estimates from air & maritime transport
- **Embodied CO₂** (used by IMF, coordinated with FIGARO)
- **Environmental expenditure** (since 1970, now in SEEA)
- **Climate-related policy instruments and financing**
 - Paris Collaborative on Green Budgeting
 - Research Collaborative on Tracking Finance for Climate Action and Climate finance monitoring (DAC)
 - Policy Instruments for the Environment (PINE) database
 - Inventory of government support to fossil fuels
 - Environment-related technologies (ENVTECH) in global patent databases
- **International Programme for Action on Climate**



Going forward: opportunities (1)

Frequency, timeliness, geographical coverage

- Quarterly air emission accounts (IMF, OECD, IEA, Eurostat & UNSD cooperation in place)
- **Early estimates** of annual air emissions
- Extension to **broader number of countries** and world database

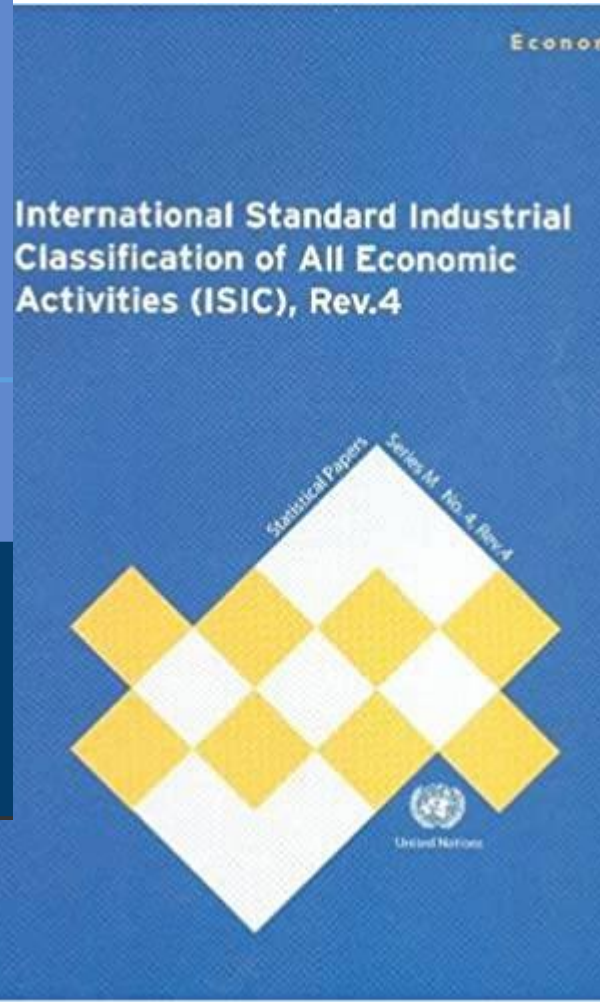
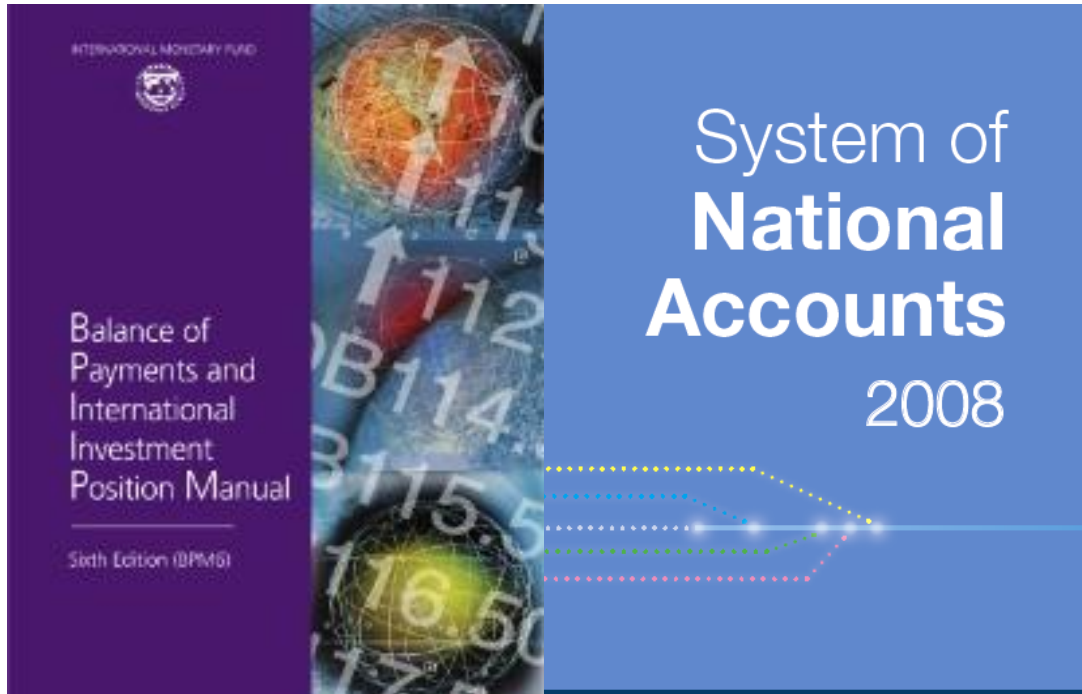


Going forward: opportunities (2)

- Reporting national emissions targets in a consistent manner (i.e. using the same reporting units)
- And operationalise targets for **harmonized measurement** (added by OECD)
- **Co-investment** in relevant tools, platforms and data sources, including with countries (added by OECD)



Ensure consistency across International Statistical Standards



Further promote the use of climate-related data

DASHBOARD of climate-related indicators



STATISTICAL Dashboard

View a selection of COVID-related indicators. For more indicators, please read the [Eurostat.com](#) article.

Next update: 20 July 2021
Edition:

TOPICS

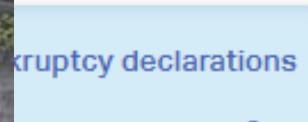
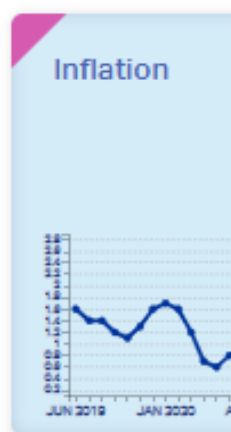
ECONOMY & PRICES

IMF | CLIMATE CHANGE DASHBOARD

INDICATORS | COUNTRIES | GLOSSARY | ACCESS DATA | ABOUT

Climate Change Indicators Dashboard

A statistical tool linking climate considerations and global economic indicators



Conclusions

- Several **joint international statistical initiatives** up and running
- Opportunities for **new collaboration** (frequency, timeliness, granularity, geographical coverage, co-investment)
- Integrating the climate-related statistics in the next **International Statistical Standards Update**
- **Engagement and communication**
 - promote use of climate-change related data in policy implementation and evaluation.
 - Public at large