

System of
Environmental
Economic
Accounting

SEEA-CF Update
ISSUE B4
QUARTERLY ACCOUNTS

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United Nations

Outline

- Motivation
- Research questions
- Nature of the proposed change
- Process and drafting team

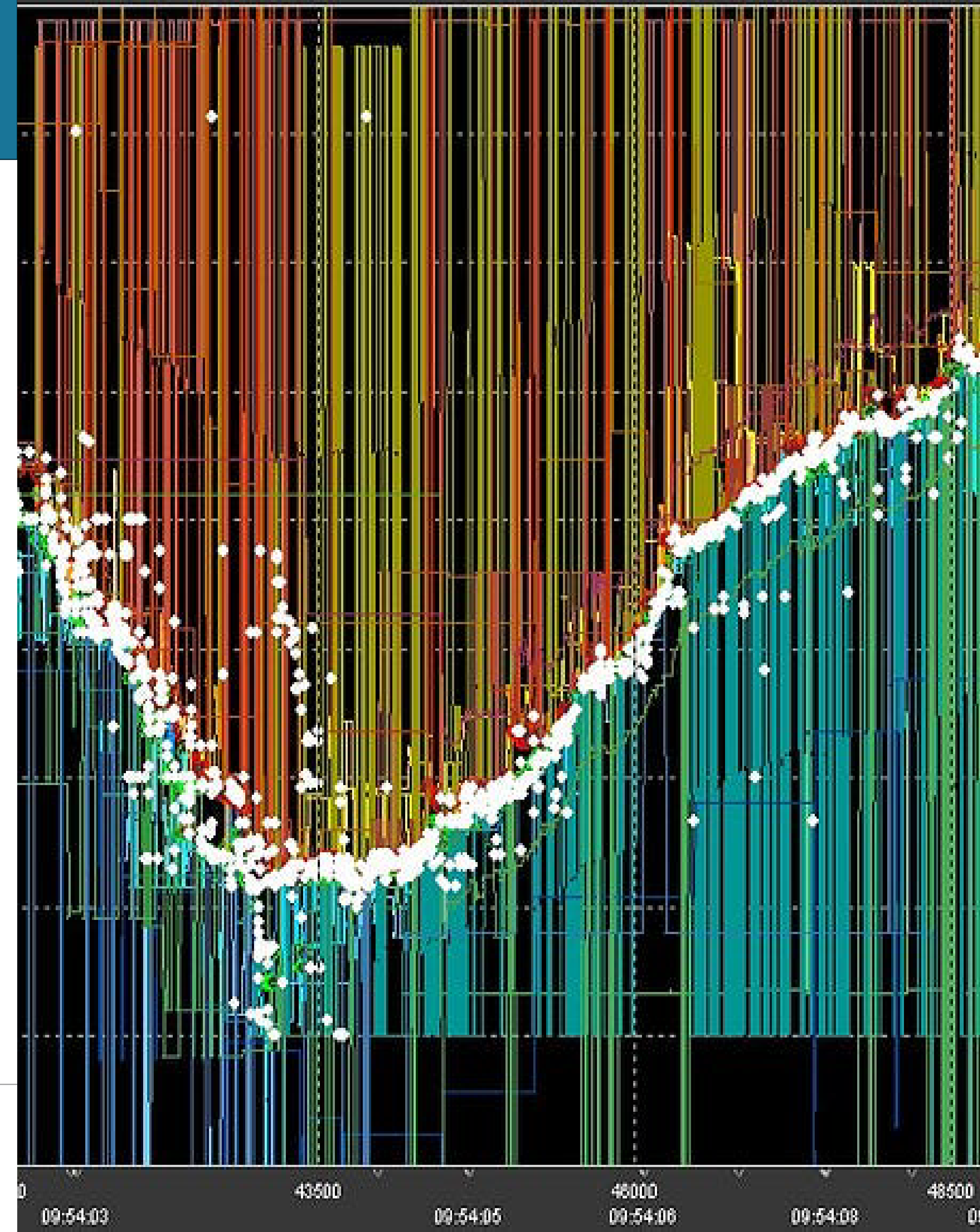
Why?

Increasing attention

policymakers,
analysts, &
the general public.

Direct links to other infra-annual data

- Quarterly national accounts,
- Short-term statistics and
- Indexes of energy prices.



Present options

Enable statistical authorities

to select

the most appropriate timeframe

Only marginal reference to time frames

Annual data: main focus

Infra-annual:

emphasis on
levels at peaks and troughs
rather than movements

> Wet & dry seasons

5.485 *“countries where there is a consistent and regular hydrological year”*

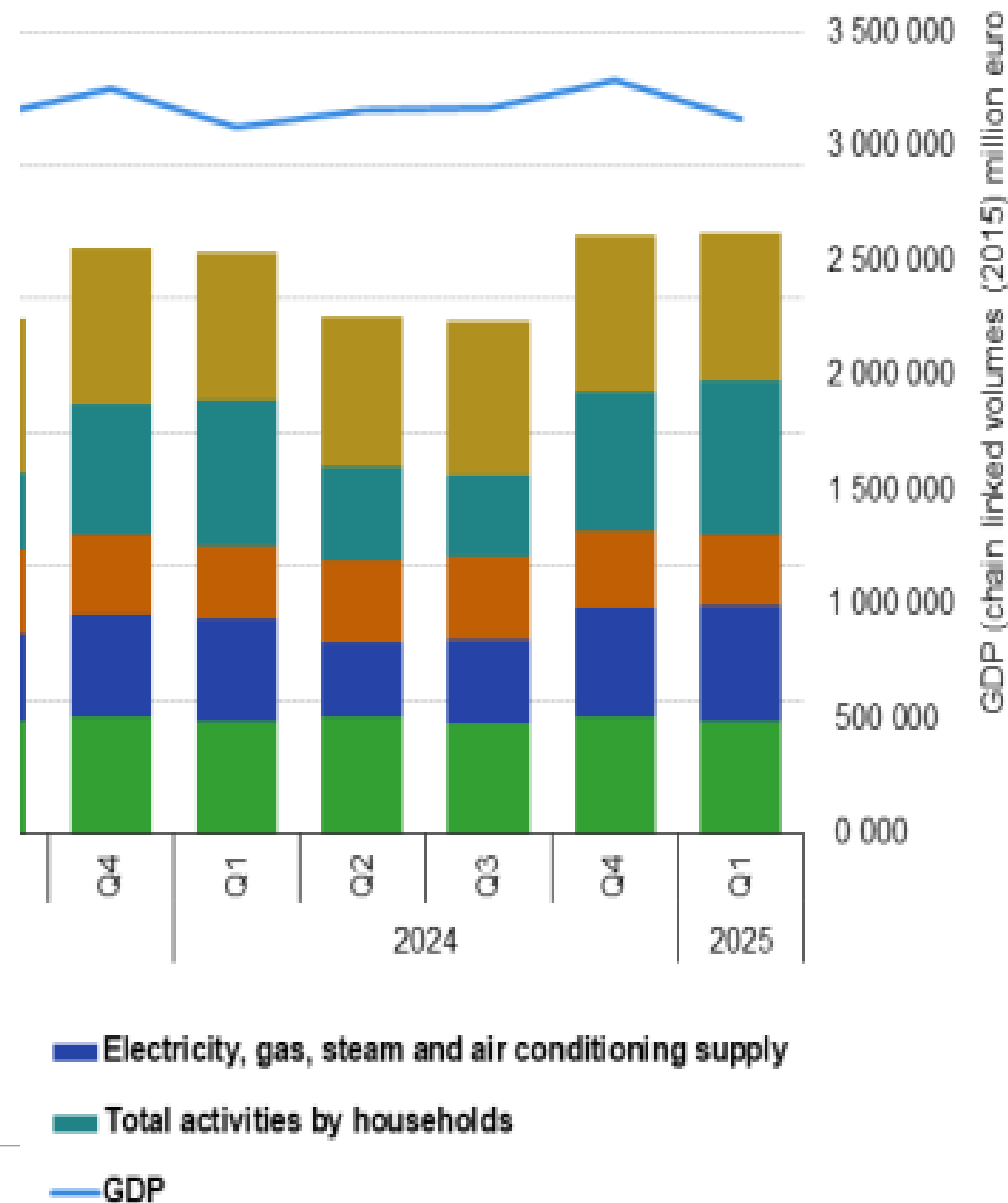
> Seasonal peaks and troughs

6.72 *“An understanding of required capacity in water and energy supply, or in the thresholds for various environmental pressures”*



Current practices

- Regular production Q-AEA
 - > GBR, NDL, NZL, SWE
 - > IMF, OECD, Eurostat
- Exploratory Studies & Experimental statistic
 - > CAN, ESP
- Regular Q-Emission inventories
 - > AUS





Questions on periodicities

- **Infra-annual**
 - > What periodicities?
 - Standard Q-M
 - Different sub-annual periodicities (wet-dry seasons)
- **Inter-annual**
 - > Longer than annual
 - E.g. changes in land use

Treatment in 2018 SEEA-CF

Enable statistical authorities to select the most appropriate timeframe

Present merits and drawbacks of various options

Narrow in scope

- essential insights into available options

Language

- accessible to SEEA specialists,
- avoid details on stat & math. methodologies.



Where to include the text?

Upfront treatment

General considerations

(in the chapter on the structure of the accounts)

Account sections

Specific aspects related to individual flow or asset accounts.

IN

Direct Approach vs Indirect Approach

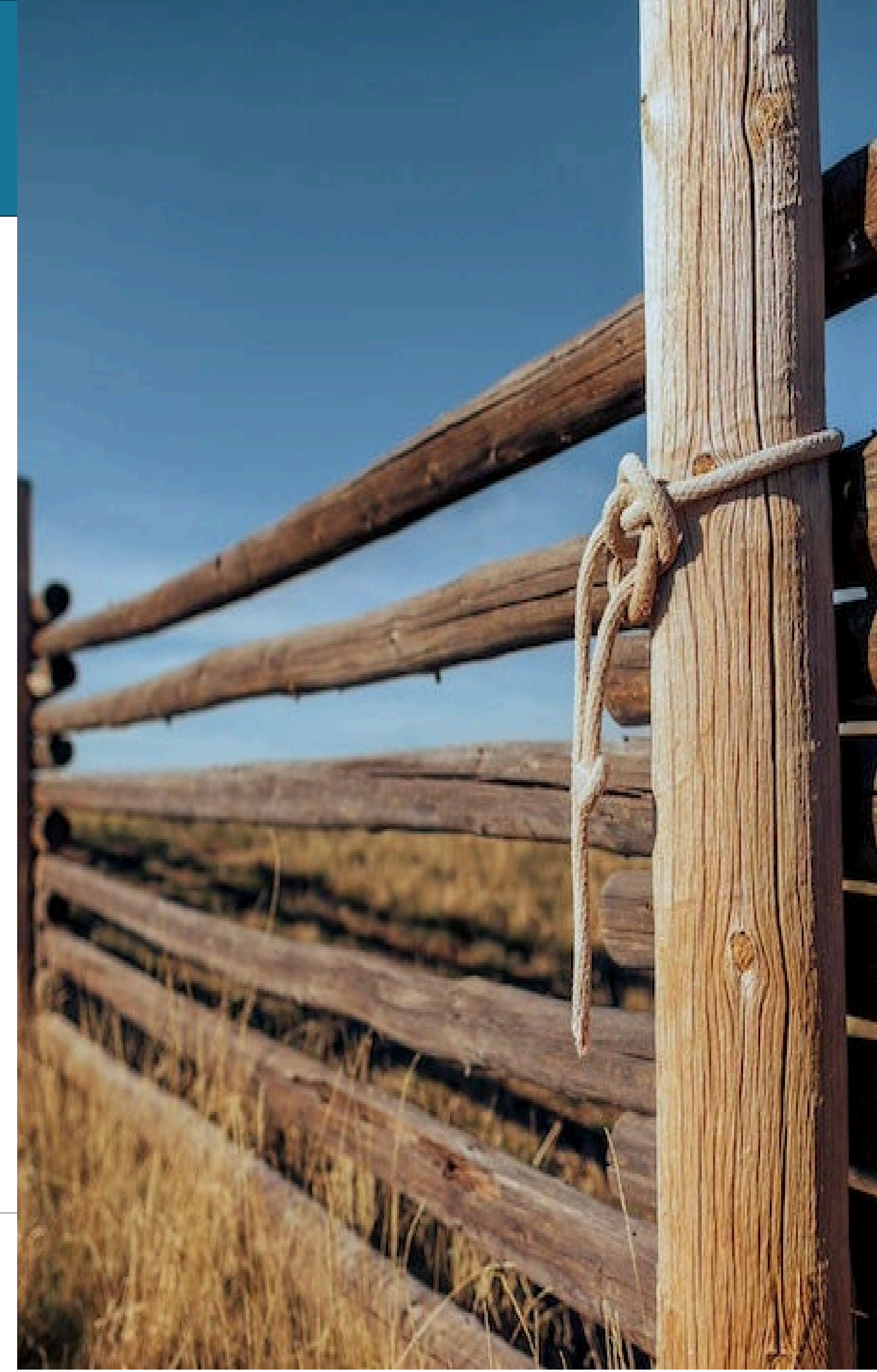
Basic information on

Adjustments for regular seasonality/ extreme weather events/ irregular component.

Dissemination options

Seasonally adjusted and non-seasonally adjusted data

Insights into interpretation and practical applications



A photograph of a rustic wooden fence made of weathered logs and posts, set against a clear blue sky and a field of dry, golden-brown grass. The fence runs diagonally from the bottom left towards the top right.

OUT

Detailed discussion on technical aspects

- benchmarking,
- temporal disaggregation,
- seasonal-WD -extreme weather events adjustment

(extended detailed literature available)

Issues for Task Team B

Tranche #1

B1/5	PSUT & EW-MFA	<i>S.Moll</i>
B2	Treatment of losses	
B3	Carbon flows ^{LG}	<i>S.Schenau</i>

Tranche #2

B6	Pressure accounts ^{LG}	<i>C.Obst</i>
B7	Waste accounts	<i>J.Hass</i>

Tranche #3

B4	Quarterly accounts ^{LG}	<i>R. Astolfi</i>
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DRAFTING TEAM

Shaping up

- International Organisations (OECD, ESTAT)
- Experts from NSOs



Summary

- Goal: *Present options*
- Increasing demand of high frequency data
- Time frame treatment in SEEA_CF can be expanded
 - > Infra-annual Q-M / Wet-Dry
 - > Inter-annual
- While the current focus is on Q-AEA, other accounts are also within scope.
- Treatment narrow in scope
 - > No technical language
- SN available – GN in Tranche #3 – Drafting Team shaping up

Thank you!

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