

MESC – Market Europe Stakeholder Committee

Update on MCSC

7 December 2022 – virtual meeting

Cosimo Campidoglio and André Estermann

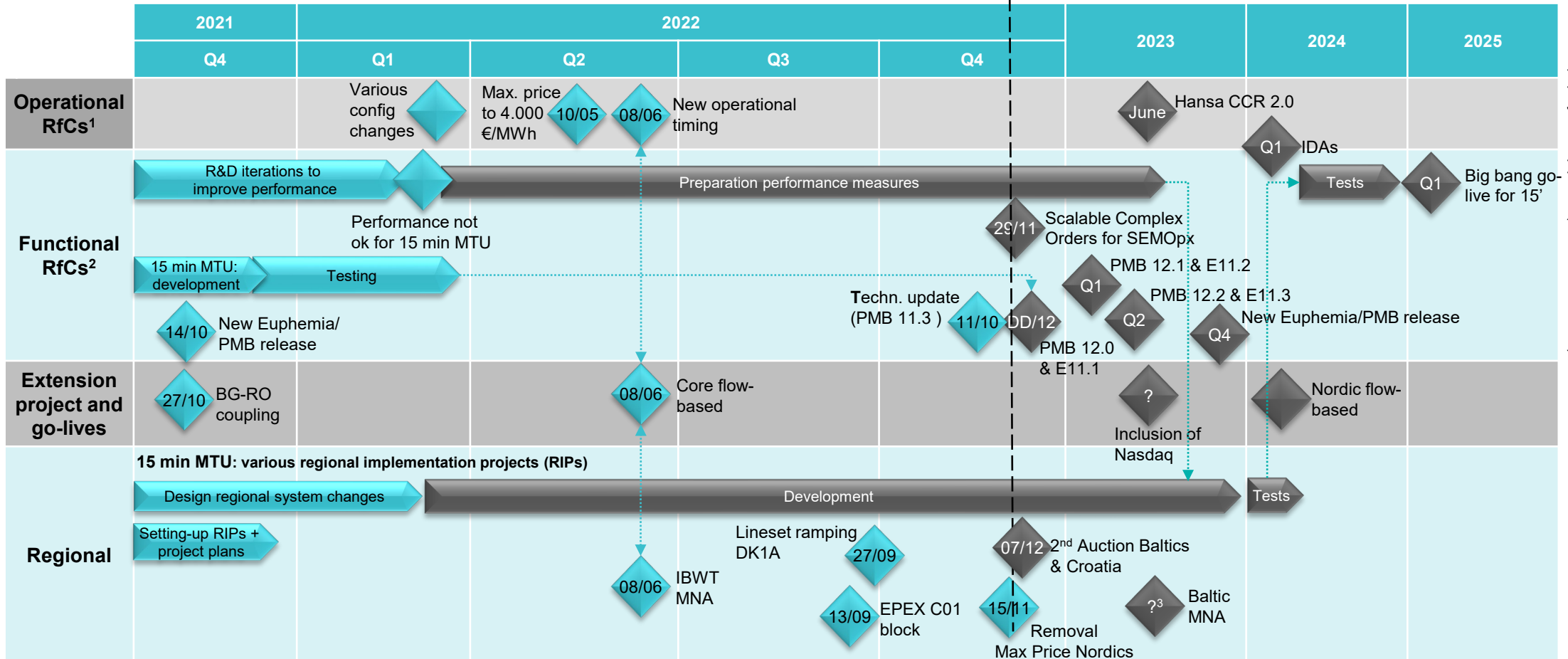
SDAC / SIDC Co-chairs

Agenda

- 1** SDAC roadmap
- 2** SDAC performances
- 3** SDAC 15min MTU updates
- 4** SIDC Geographical extension
- 5** SIDC operation
- 6** SIDC roadmap
- 7** SIDC R&D update
- 8** Market Coupling Consultative Group meeting

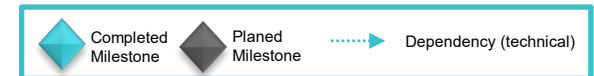
1. SDAC high-level roadmap

Today, 18/11/2022



Roadmap: projects in pipeline (Status: 18/11/2022)

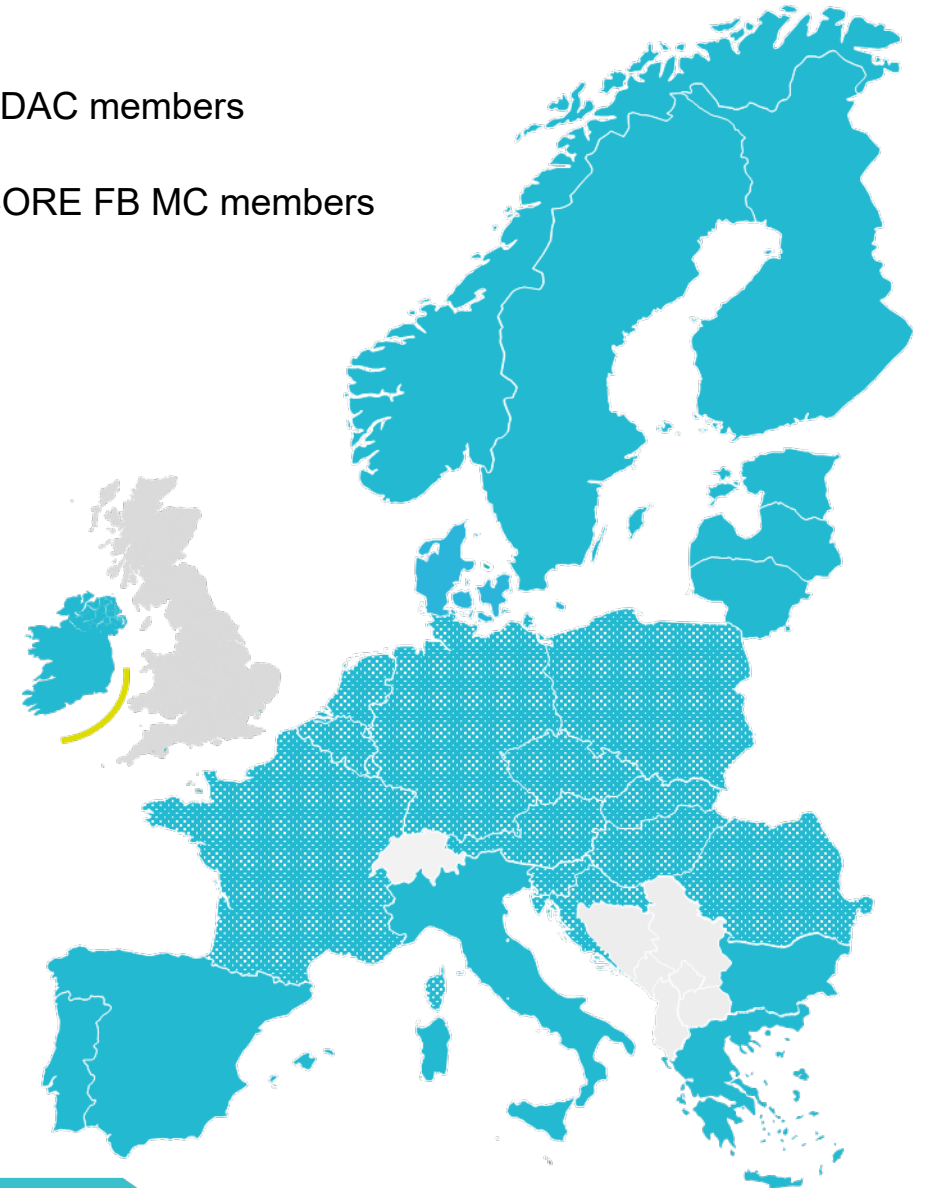
¹ Changes of topology, bidding zones, which will have an effect on the operations of the market coupling. Not necessarily related to a change of Euphemia algorithm, but could possibly have as a prerequisite that a functionality is implemented first.
² A change of functionality of Euphemia → requires a change in the algorithm. Hence, linked to algorithm releases.
³ Baltic MNA go-live is pending the entrance of a second NEMO



2. SDAC performances

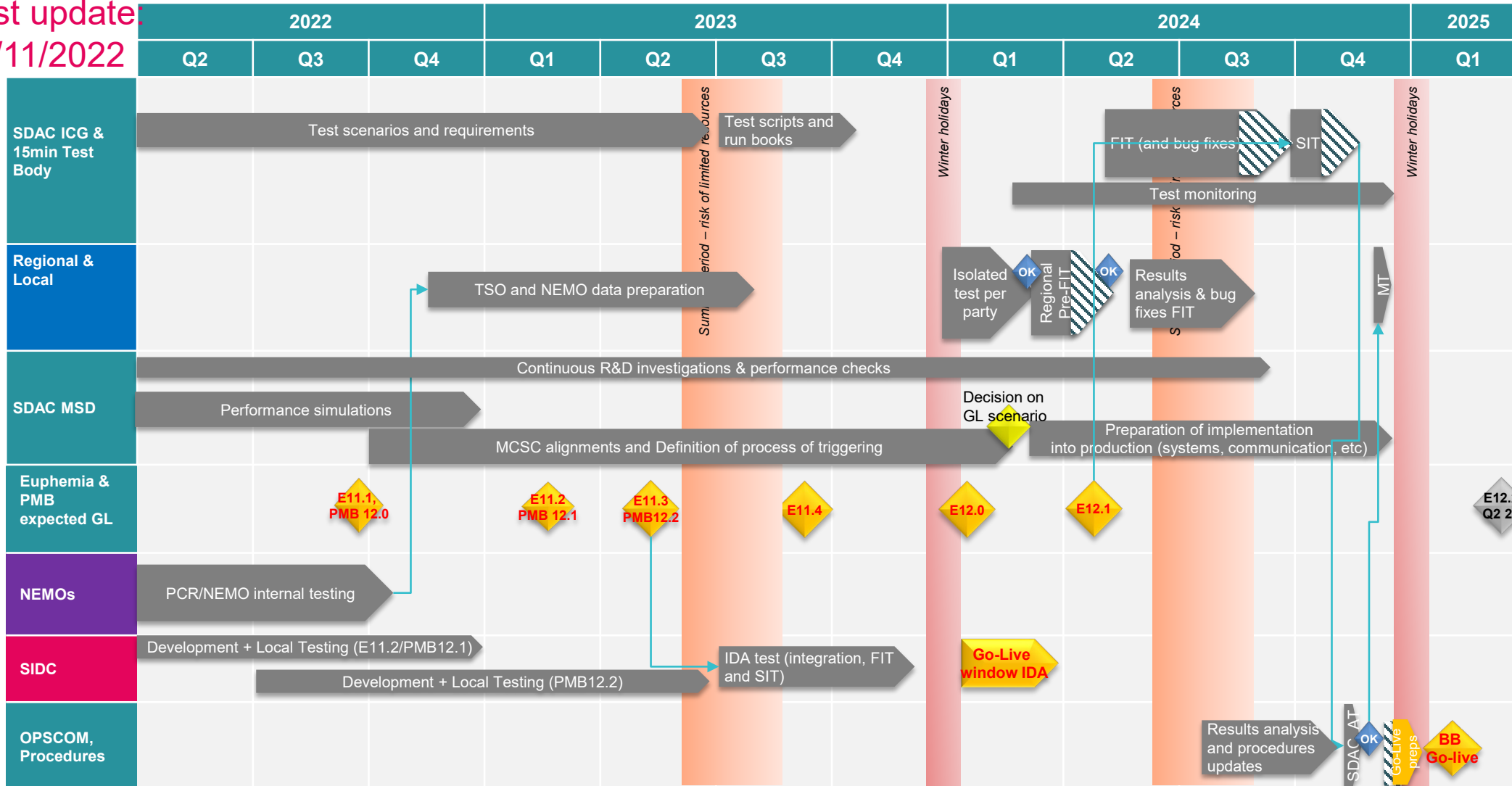
- CORE FB MC project after 150+ days successful operation
(resilience process to navigate operational issues)
- Successful delivery of reliable price signals

- SDAC members
- CORE FB MC members



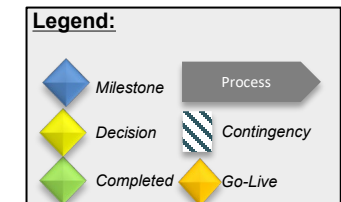
3. 15 min MTU overall plan for Big Bang Approach

Last update:
15/11/2022



Comments

- PRE-FIT, FIT & SIT phase: includes contingency
- Eup/PMB release timeline and scopes are under discussion in SDAC MSD
- SDAC AT: 3 days testing
- GL date assumption 21 or 22 Jan 2025 – needs to be approved by MCSC, then PCG



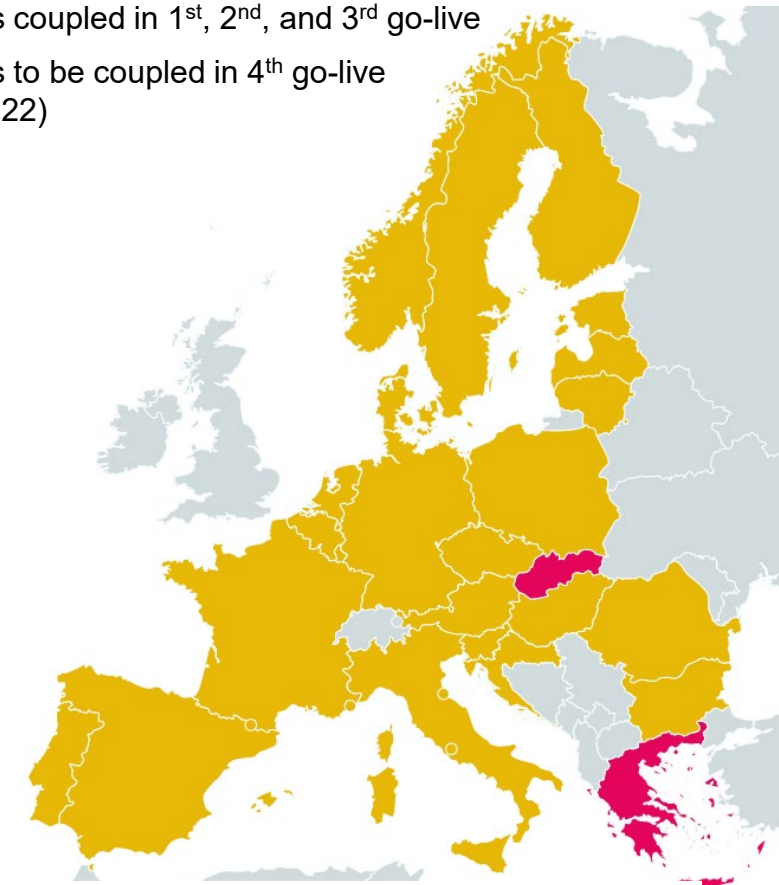
4. SIDC Geographical extension – mission completed

- 4th go-live wave (Greece) - plan
- The SIDC integration of Greece (coupling with Italy, and Bulgaria) will go live at the same time as Slovakia in November 2022.
- 4th go-live wave (Slovakia) - plan
- Slovak borders (SK-CZ, SK-HU, SK-PL) planned to go-live in November 2022

- 4th go-live wave plan delivered
 - 4th go-live successfully completed on 29/11/2022.
 - Geography extended by 2 market areas and 5 borders (SK-CZ, SK-HU, SK-PL, GR-IT, GR-BG)
 - The first domestic / cross-border trade closed
 - Greece: 29/11 13:02:29 / 29/11 15:31:41*
 - Slovakia: 29/11 22:09:57 / 29/11 22:07:33
- * Capacity offered
- 15:30 CET on the IT- GR interconnector
 - 16:00 CET on the GR-BG interconnector

Countries coupled Intraday with 4th SIDC go-live

- Countries coupled in 1st, 2nd, and 3rd go-live
- Countries to be coupled in 4th go-live (29/11/2022)



Note: Luxembourg is part of the Amprion Delivery Area. Market participants in Luxembourg have access to SIDC through the Amprion Delivery Area.

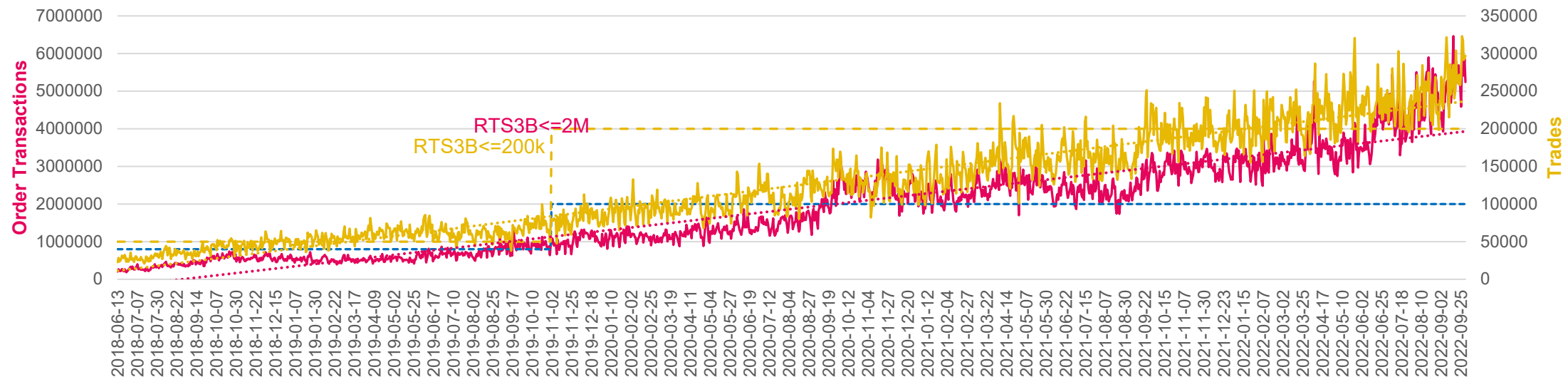
5. SIDC operation

The latest **operational data** covering September clearly confirm the trend of recent months of a constant growth.

These September data set new monthly records for order transactions:

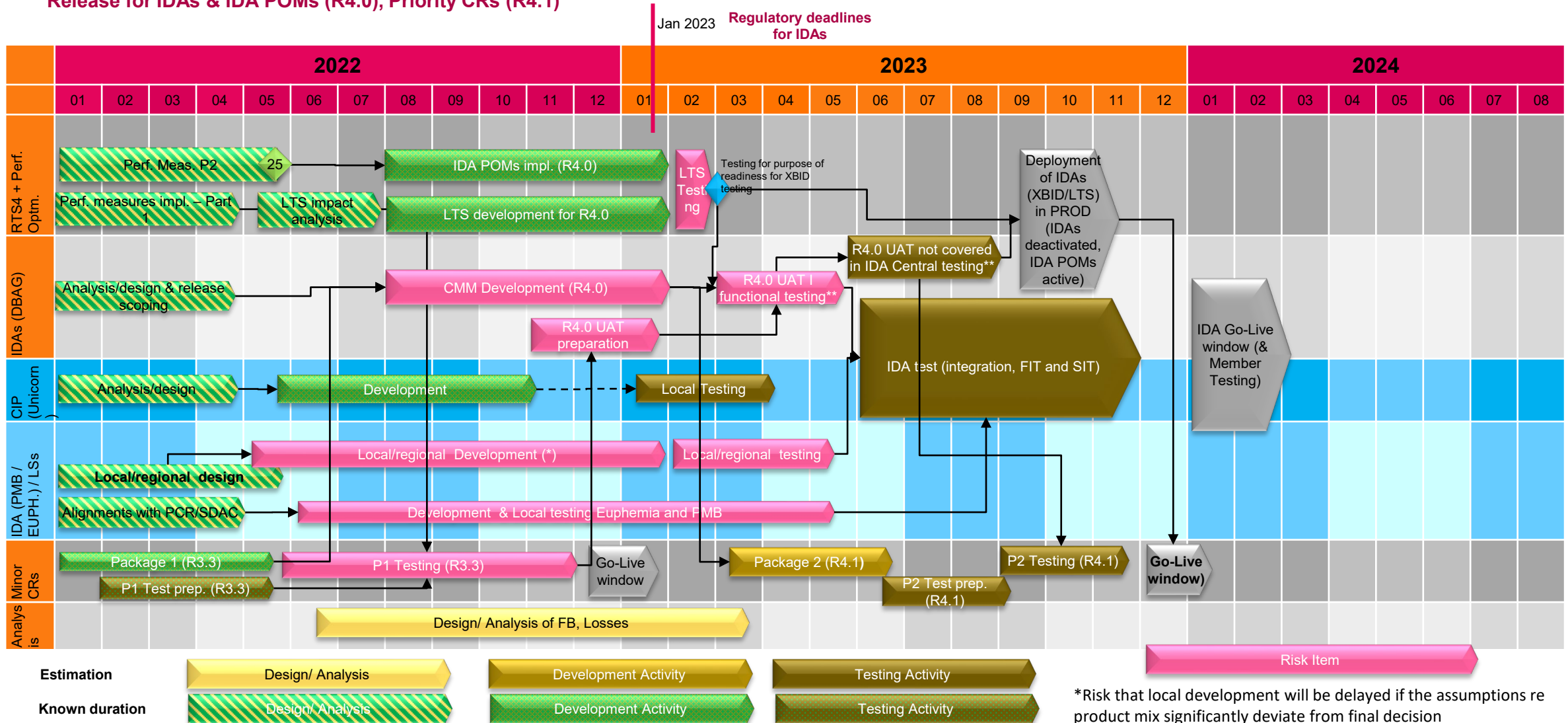
- more than 8,12 million trades ((in July: 8,7 million trades)
- 154,3 million order transactions (in July: 134,5 million order transactions per month).
- A new daily record of 6,46 million order transactions was achieved on 16 September.

Order Transactions / Trades



6. SIDC Roadmap 2022-23 – status as of August (1/2)

Release for IDAs & IDA POMs (R4.0), Priority CRs (R4.1)



*Risk that local development will be delayed if the assumptions re product mix significantly deviate from final decision
 ** Initial estimation which needs to be validated by XTG as soon as the specification is available

6. SIDC Roadmap 2022-23 – status as of October (2/2)

- Main changes in comparison to the previous version of the roadmap:
 - **LTS Testing** – LTSs are used for the test of XBID. Prerequisite is that the new versions of LTSs have sufficient quality to be used for this purpose. Therefore, the roadmap now contains 1-month testing to ensure that LTSs have sufficient quality/compatibility to be used for the XBID UAT Testing. Note that it is not expected that all LTSs are ready at that time.
 - **Critical path of the roadmap**
 - R3.3 testing and R4.0 testing preparation
 - R4.0 (IDA POMs + IDA) development followed by the XBID testing and in parallel with the LTS development and local/regional testing.

So far, no deviation from the roadmap. However, the planning of R4.0 testing indicates a negative impact on the roadmap (subject of further discussion). Also, readiness of all RIPs within the agreed planning is not fully confirmed.

7. Status on R&D changes Intraday Auctions (IDAs)

- Final **technical design** based, on which the development may start, has been **finalized** with IT all providers of XBID, IDA CIP (IDA Central Interface Point infrastructure), EUPHEMIA + PMB. The **development** of some IDA components (XBID, EUPHEMIA, PMB) **is ongoing**. The **development** of IDA CIP **completed**.
- The conceptual test in XBID identified a performance impact which will be resolved with changes discussed in relation to CPM. Performance tests in EUPHEMIA are completed – the results are positive. Discussion on the **set of products to be used for go-live** is at the mature state (additional EUPHEMIA performance tests are foreseen)
 - Simple orders of only one time resolution will be allowed in each BZ (15min in all BZs except from CZ, FR, HR, IT, ES, PT and possibly Nordics) together with simple blocks for IDAs Go-Live and Merit Orders (PUN excluded).
 - Other order types including various block types and their combinations are foreseen feasible to be included
- Regional implementation projects (RIPs) are established including RIPs reporting towards the central project.
- IDA Testing Group has finalized preparation for **IDA CIP tests** and **initiated** testing. Overall coordination of testing including interactions with RIPs is ongoing.

8. Market Coupling Consultative Group Meeting (MCCG)

The Market Coupling Steering Committee (MCSC) held the second **Market Coupling Consultative Group (MCCG)** meeting on 1 December 2022 as a virtual event.

The agenda and the session file are published on the NEMO Committee and ENTSO-E website:

<https://www.nemo-committee.eu/news-detail/second-mccg-event>

and <https://www.entsoe.eu/events/2022/12/01/second-market-coupling-consultative-group-meeting-live-workshop/>

The **target audience are the market participants** as the NEMOs and TSOs have to common intention to discuss topics related to design, development, implementation, and operation of SDAC and SIDC.

MCCG is first and foremost a forum aimed at reaching a better common understanding between market participants, and NEMOs and TSOs.

On the second MCCG meeting different topics will be presented and discussed among NEMO and TSO experts and the stakeholders, such as the Cross Product Matching, the Intraday auctions, 15 minute MTU, and the Non Uniform Pricing concept.

The MCCG meeting is organised twice a year, preferably physically. The next MCCG meeting will be before the summer 2023.

The outcomes of each meeting will be publicly available on ENTSO-E and NEMO Committee websites.