

Single Intraday Coupling Update

25th MESC Meeting

29.09.2021



SIDC – Headlines on Progress

Future Development Progress

- Release 3.1 successfully deployed into production end of April.
- Preparation ongoing for testing of Release 3.2, deployment planned until end of year.
- Development of cross product matching has been started beginning of September.

Research & Development

- Several significant regulatory changes are subject to R&D:
 - Cross product matching
 - Flow-based capacity allocation
 - Enduring shipping solution
 - European Intraday auctions (IDAs)
 - Losses

**3rd wave Go-Live
successfully
achieved**

Securing operations

- Significantly increased number of order transactions registered, while system is performing well and running stable.
- Analysis on performance uplift underway to cope with increased load. Implementation of performance enhancements planned to be started this year still.

Geographic expansion

- 3rd wave Go-live (including Italy and the Italian Northern Borders) achieved on 21st September 2021.
- 4th wave Go-live (Greece) planning needs to undergo revision.
- 5th wave Go-live integrating Slovak borders expected at the end of 2022.

SIDC Update

A grey arrow pointing to the right, containing the text 'Operations' in bold black font.

Operations

- The SIDC intraday market continues to grow, however at a slower pace than before. The number of trades per month have remained almost stable at a high level in the past months.
 - More than 104 million trades have been completed since go-live until end of July.
- Significant growth in number of trades when comparing Q2 2019 with Q2 2021.
 - Q2 2019: **5.8 million**
 - Q2 2021: **14.9 million → number of trades almost tripled in 2 years!**
- Despite this high level of activity the system continues to perform well. The cumulated unexpected downtimes in 2021 sum up to 7h 10min.

A grey arrow pointing to the right, containing the text 'Joint Governance' in bold black font.

Joint Governance

- SIDC and SDAC are about to establish a joint governance setup, which is set to go-live in Q1 2022.
- It comprises:
 - A joint decision making body, the Market Coupling Steering Committee
 - A joint Communication Task Force
 - A joint Legal Task Force
- The other working groups will remain project specific, ie. Day-ahead or Intraday only.

SIDC Roadmap

- SIDC currently works on the following **complex R&D changes**:

Cross-product matching

Intraday Auctions

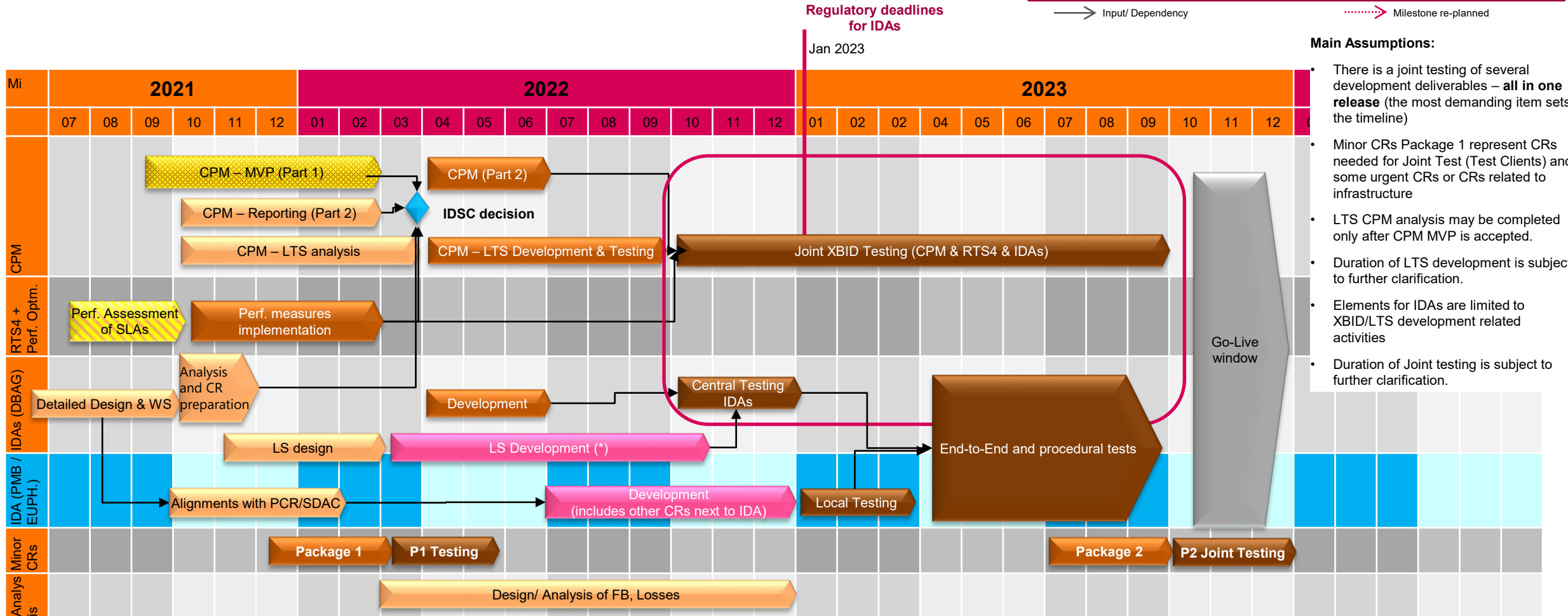
Flow-based allocation

Enduring shipping solution

Losses

- As the intraday auctions, enduring shipping solution as well as losses are not yet ready for development (further technical specification is required), cross-product matching is the current priority for development.
- The design for flow based allocation has also been initiated.

SIDC Roadmap 2021-23 (September 2021)



Estimation

Design/ Analysis

Development Activity

Testing Activity

Risk Item

Known duration

Design/ Analysis

Development Activity

Testing Activity

*** Based on the assumption that there is limited impact on the LTSs (due to the implementation option chosen) – further clarification required.**

Status on R&D changes

Cross-product matching (CPM)

- Common technical analysis with the SIDC service provider has been finalised and development of the minimum viable product has been started. The expected impact on performance remains a significant challenge and is therefore closely monitored through a staged development process in which development slices are validated by SIDC parties before the development continues.
- Market participants will be informed once the technical details are stable enough for sharing. SIDC will organise an online user group meeting for that purpose.

Intraday Auctions (IDAs)

- The detailed design for the integration of the continuous (SIDC, XBID) and the day-ahead auction infrastructure (PCR) has been finalised by SIDC. In the next step the analysis will be initiated with the SIDC service provider to prepare the basis for development.
- Terms of Reference for the cooperation between SIDC and SDAC finalised, close cooperation required for aligning development activities.

Losses on HVDC interconnectors

- A new proposal to resolve the open design topic on rounding in the central SIDC platform is under evaluation. The assessment is ongoing, priorities for analytical resources are with CPM and IDAs, thus the implementation timeline is not defined.

SIDC Single Intraday Coupling


SIDC


Geographical extension

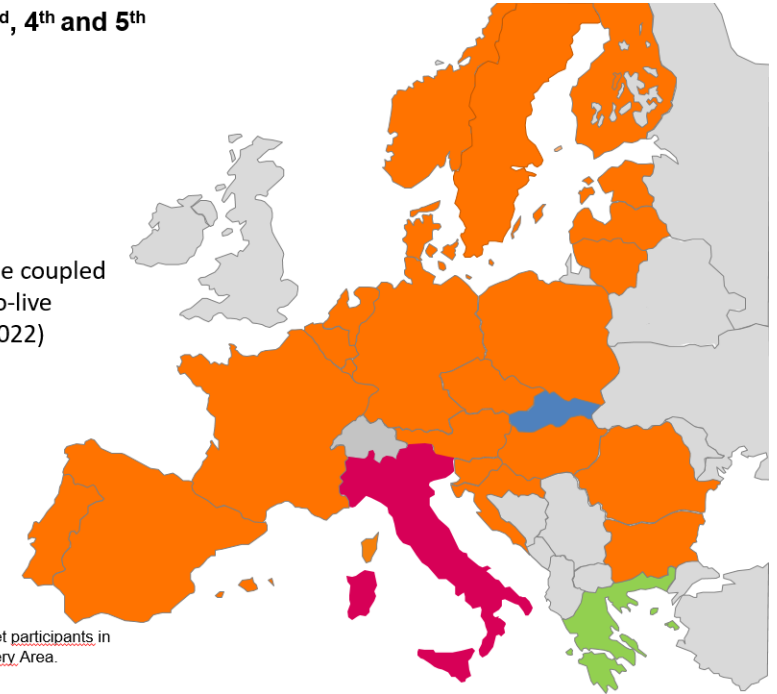
Countries coupled Intraday with 3rd, 4th and 5th SIDC Go-Live

 Countries coupled in 1st and 2nd go-live

 Country coupled in 3rd go-live (21 September 2021)

 Country to be coupled in 4th go-live (TBD)

 Country to be coupled in 5th go-live (end 2022)



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

LIP 14 A (Italy)

- Italy successfully integrated into Single Intraday Coupling on 21st September with first deliveries on the 22nd September.

LIP 14 B (Greece)

- The Greek parties recently communicated that the current plan for go-live (Q1 2022) is no longer feasible. Go-live date under revision.

LIP 17 (Slovakia)

- Slovak borders (SK-CZ, SK-HU) planned to go-live end of 2022. The border SK-PL is expected to follow in Q2 2023.