

10.12.2024 Sähkömarkkinatoimikunta

# DA/ID – markkinoiden **kehitys**

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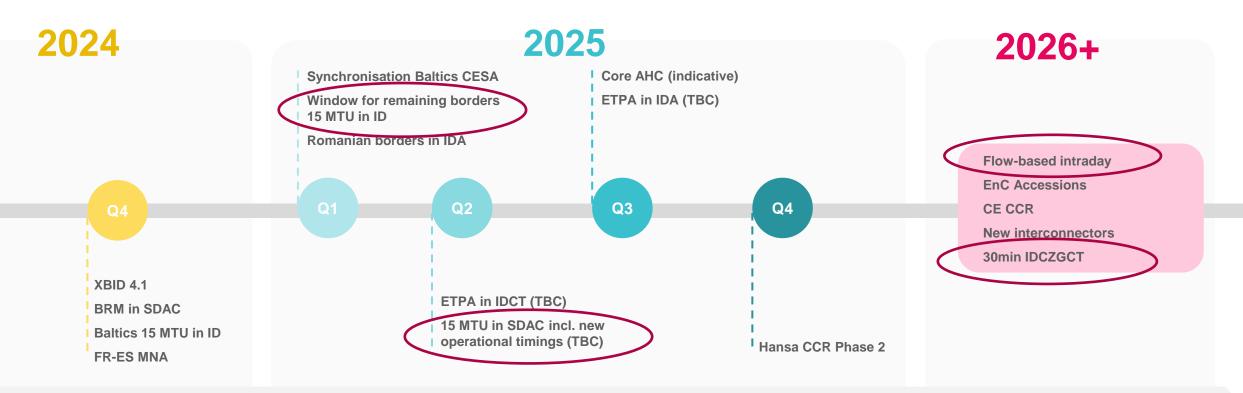
# Yhteiseurooppalainen sidosryhmätyö

- Market Consultative Group (MCCG)
  - TSOt, NEMOt ja markkinatoimijat
  - Kokoontuu 2-4 kertaa vuodessa
  - Agenda suunnitellaan yhdessä
  - Markkinatoimijoiden edustus: EFET, Eurelectric, IFIEC
  - Kokous on avoin kaikille, vaatii rekisteröitymisen
- Agenda koostuu mm. markkinakytkentään liittyvistä kehitysprojekteista, operatiivisista asioista
- Kutsut ja materiaalit löytyvät: NEMOs News.



### Joint Status Updates SDAC-SIDC Roadmap – Key projects





20 % of the pipeline = Continuous improvements, maintenance, performance optimisation, scheduled releases & ad hoc requests

#### Main Bulletins – SDAC Status Updates



#### Status of the 15 min MTU implementation

 European functional testing was started in October 2024 with most NEMOs and TSOs, including regional CCR providers and JAO. Initial testing encountered several critical issues in the first weeks. For several processes, testing with workarounds was needed due systems not yet ready.



- In previous stakeholder meetings, MCSC NEMOs and TSOs shared that the timeline previously communicated is at risk. In the last MCSC meeting, NEMOs and TSOs agreed that a go-live in March 2025 is no longer feasible.
- SDAC NEMOs and TSOs can already announce that the 15 min MTU go-live in SDAC will take place in early June 2025. Central member tests will start at the end of March. Local member tests are planned by each NEMO and will start earlier.
- SDAC NEMOs and TSOs are working on a detailed plan for testing and go-live, which will be shared with stakeholders in December 2024.





# Main bulletins – SIDC status updates (1/2)

#### **FB** in Intraday

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- Initial planning for 3 new approaches R&D completed, trying to find a way how to implement FB to the continuous allocation. Major milestone for further decisions regarding R&D scheduled for mid 2025.
- Clarification of the design of FB only for IDAs as an interim solution is ongoing with the aim to finish it in alignment with IT providers in Q1 2025.
- ACER/NRAs and SIDC MSD held a WS where both R&D and interim solution were discussed.

#### **ID 15 min MTU implementation in Baltics**

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- Testing for the Baltic parties' go-live is completed. The go-live is scheduled for 16/12/2024.
- Central systems are ready. 15' product and cross-border allocation is implemented in many BZs.
- MCSC NEMOs and TSOs are working on the testing and implementation of the 15'MTU in IDCT and IDAs organized in windows scheduled for go-live on 01/01/2025, 22/01/2025, 18/03/2025, and a window aligned with SDAC 15'MTU GL.



# SDAC-SIDC Roadmap and key projects



		2024	2025				2026		
	Activity	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Remark
Top priority	15 min MTU for DA								
	Implementation & testing	Central	testing	Go-live windo	w & member testing (TBC)				
	15 MTU XBID & IDA		Technical readin	ess confirmation					
	GL waves	LV-LT; EE-LV		W6 go-live	TBC				
Improvements & optimisation	Euphemia/PMB	IT & cent Europe be	orders Rest of Areas and bord	ers in SIDC (except Greece)					
	Euphemia & PMB releases		PMB13.1/E11	.4	P	MB 14.0/E 12.0	PMB 14.1	/E 12.1 (TBC)	
	Further performance improvements Euphemia			1					
	Operational improvements SDAC	Operational timings update &	improved communications	Poter	tial improvements after 15 MTU	go-live			
	SIDC								
	XBID releases	XBID R4.1			XBID R5.1 implei	mentation, testing preparation &	testing (until Q2-Q3 2026)		
		XBID R4.2 &	5.0 implementation		XBID R4.2 & 5.0 testing				
	IDA releases				n IDA (TBD)		& IDA test (FIT/SIT) (TBD)		
	Operational improvements SIDC & IDA	säh	kövarastot	rade TSO admin GUI, CMM fil	e management, CMM & SOB re	ference data			
R&D	SDAC R&D R&D activities Co-optimisation		novaractor						
		PST model & Storage orders		BZ configuration		SEC Calculation I	B & Celtic (Q1 2026)		
	Future studies 2030	Offshore BZ study 2.0		ent use of HVDC lines in FB don		Several		1	
	Co-optimisation R&D	Simple simulations	R&D I Report R0	Consultations and scoping	Report R1		R&D II activities		
	Continuous improvements and Euphemia Lab			Continuous perform	nance improvements		'		
	Solver change		From	CPLEX to Xpress					
	SIDC R&D								
	Flow-Based allocation in Intraday		R&D phase (includes several a	pproaches)		MVP II product (Curr	ent estimation: 2027)		
⊂ s	BRM extension of operations	BRM in SDAC		BRM in IDA (TBC: Subject to fu	rther planning)				
Exten	ETPA extension of operations			ETPA in IDA (TBC: Subject to fu	irther planning)				
	Baltic Cable extension of operations in ID			Baltic cable (1	BC 2025 or later)				
Acces sions	EnC Accessions	Preparator	y activities						a.
	SDAC SIDC					Accession initiation for 1 <sup>st</sup> SE		p========	۱ ۱
						Accession initiation for 1st	SIDC go-live window Q4 2027		,
Regional requirements	SDAC Related	50.50 1/0/4							
	MNAs (some projects relevant also for SIDC/IDA)	FR ES MNA			Baltic MNA for SDA	, SIDC, and IDA			
	Capacity calculation RfCs Core Advanced Hybrid Coupling	Nordic FB		HANSA	COR COM Priase II	indicative			
	Synchronisation Baltics CESA					Indicative			
	SIDC Related								
	30 IDCZGCT						01/01/2026 Legal deadline	implementation	1
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Joint Status Updates Co-Optimization R&D Update: Survey and Workshop



MCSC NEMOs and TSOs active in SDAC, in cooperation with ENTSO-E, conducted an informal survey among market participants regarding the future use of co-optimised balancing capacity and energy markets.

- Organized from 07/10-06/11
- 31 responses submitted
- Several bilateral interviews with respondents to further clarify specific points organised.

# **Next steps**

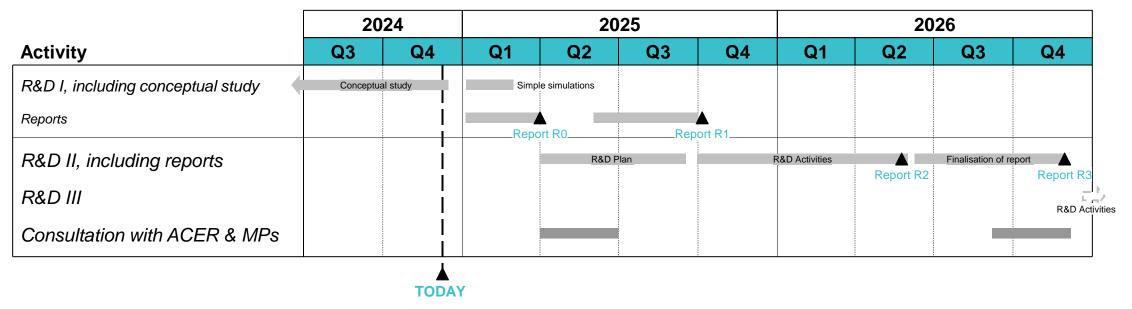
- Market participant online workshop on **19/12/2024** (09:30-12:30) via GoToWebinar
- Objective:
  - Summarize informal survey outcomes
  - Provide a high-level overview of key design challenges of co-optimised markets
  - Update on R&D continuation and next steps.



# Joint Status Updates

Co-Optimization R&D Update: Timeline

# Several Stages of R&D Are Planned Before implementation:



R&D II: compatibility with SO regulation and existing SDAC requirements, freeing up of additional exchange capacity for balancing and sharing of reserves for the NTC method, curtailment procedures

R&D III: backup and fallback procedures, bid information exchanges and governance

Newly approved Algorithm methodology [LINK] provides the basis for the introduction of cooptimisation and sets out a basic timeline for the R&D for the upcoming two years.

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