

Single Intraday Coupling (SIDC) Project


5th December 2019, Tivat


PROJECT TIMELINE – Croatia

- 2016 – CROPEX/HOPS accessed **XBID Accession Stream**
- 04/2017 – Croatian ID Market established
- 08/2017 – CROPEX/HOPS entered ***XBID Local Implementation Project – LIP 15 (DE, AT, CZ, RU, HU + BG, SI) – HR-HU, HR-SI border***
- 2018-2019 – *implementation, testing...*
- ***19th November 2019 – 2nd Wave Go-Live***

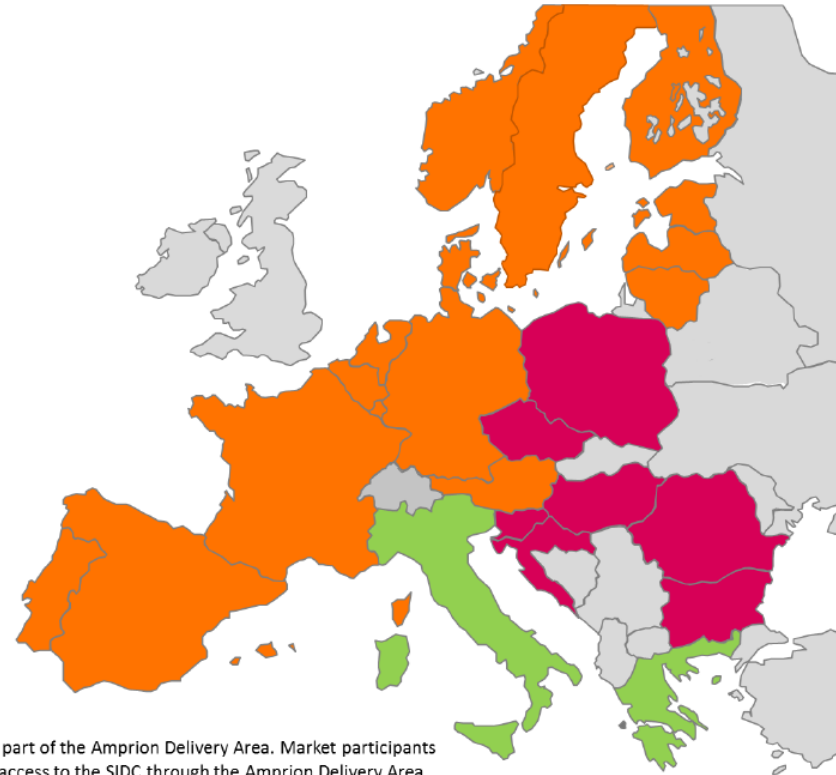
SIDC MARKET – 1st and 2nd Wave Go-Live

- 1st Go-Live 06/2018
14 countries (AT, BE, DK, EE, FI, DE, LT, LV, NO, NL, PT, ES, SE)
- 2nd Go-Live 11/2019
7 countries (BG, HR, CZ, HU, PL, RO, SI)

 = Countries coupled in 1st go-live (June 2018)

 = Countries coupled in 2nd go-live (November 2019)

 = Countries to be coupled in 3rd go-live (Q4 2020)



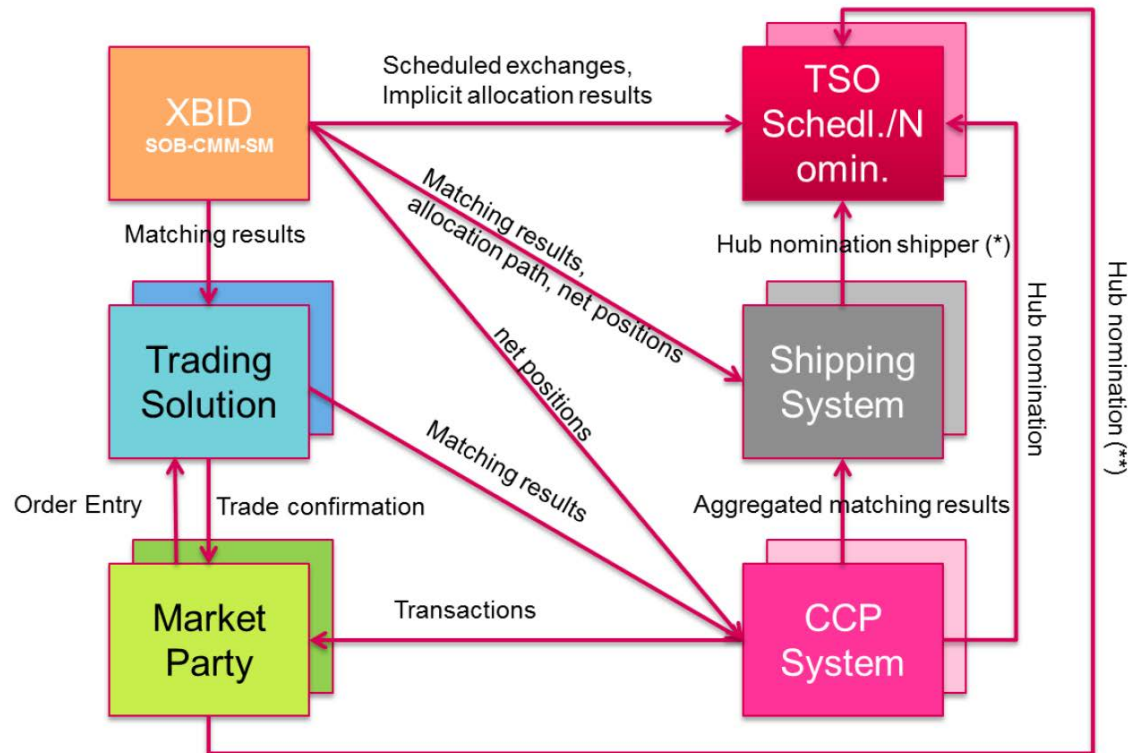
Note: Luxembourg is part of the Amprion Delivery Area. Market participants in Luxembourg have access to the SIDC through the Amprion Delivery Area

SIDC – Governance structure

- **Joint NEMOs and TSOs** - Intraday Operation Agreement (IDOA)
- **Only NEMOs** – ALL NEMO-Intraday Operation Agreement (ANIDOA)
- **Only TSOs** – Transmission Cooperation Agreement (TCID)
- *Steering committee, Support groups (SG) and Task forces (TF)*

SIDC – common IT system







- Shared Order Book (SOB)
- Capacity Management Module (CMM)
- Shipping Module (SM)






CROPEX Trading Platform

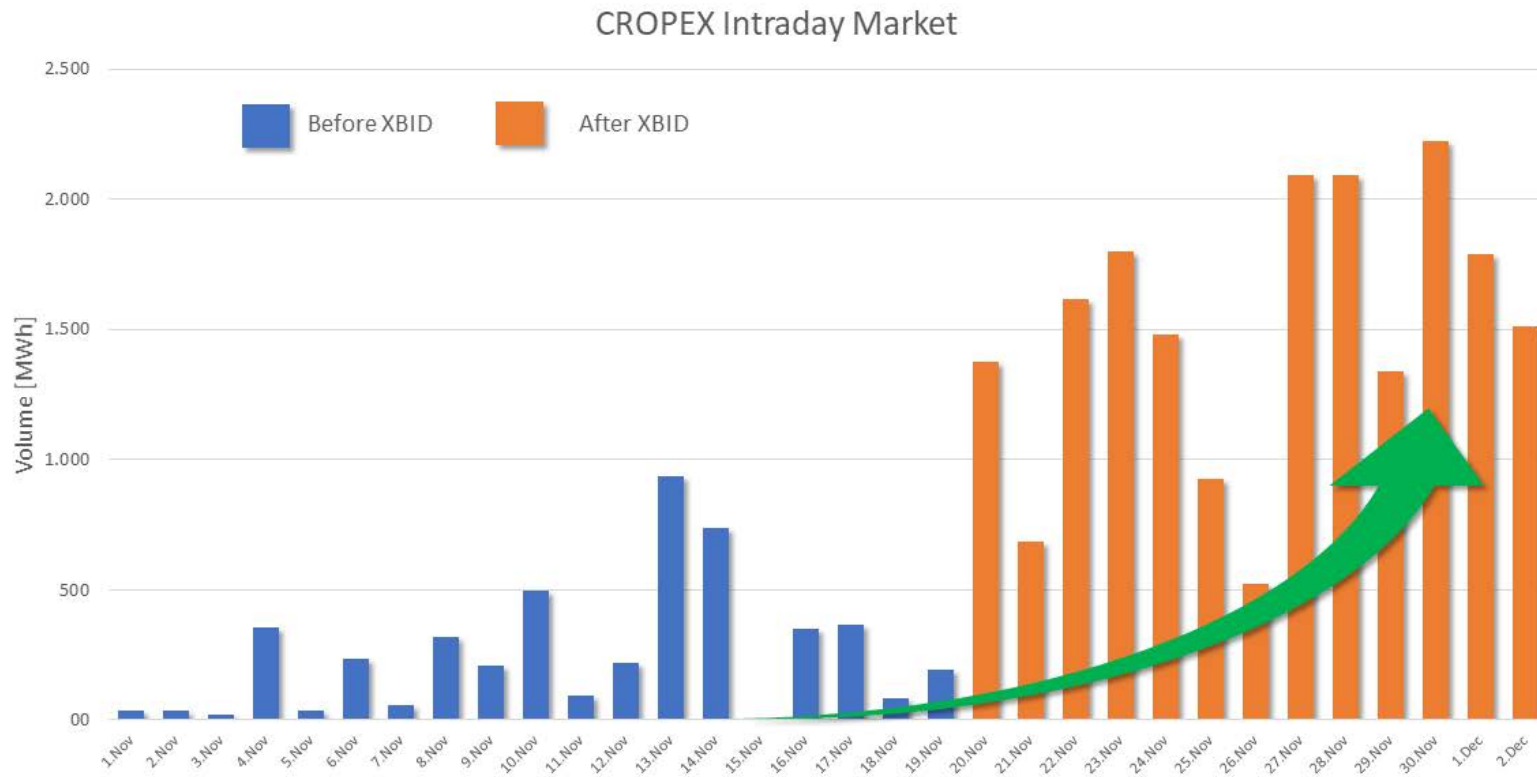
Product	Bid		Order Depth	Ask		Trade History	High	Low	Last			DAM	VWAP	Turnover
	Qty	Price		Price	Qty				Price	Qty	Time			
PH-05						3,5 MW 36,80 EUR	36,90	36,10	36,80	2,0	22:11	35,40	36,43	98,0
PH-06						0,1 MW 38,50 EUR	38,50	36,00	38,50	0,9	22:12	36,30	37,60	58,0
PH-07						3,0 MW 48,58 EUR	48,58	43,11	48,58	3,0	23:40	44,85	45,07	82,0
PH-08						3,3 MW 55,90 EUR	55,60	51,00	55,55	4,0	02:29	54,34	52,59	122,0
PH-09						3,0 MW 59,34 EUR	59,34	59,34	59,34	3,0	00:40	55,96	59,34	3,0
PH-10						10,0 MW 54,99 EUR	57,74	54,99	54,99	10,0	07:48	55,94	55,50	16,0
PH-11						3,0 MW 49,00 EUR	49,99	48,00	49,00	3,0	08:58	50,03	48,27	134,0
PH-12				52,00	5,0	20,0 MW 49,99 EUR	49,19	45,00	48,95	20,0	09:45	47,55	46,42	130,0
PH-13	7,0	49,01		49,39	6,5	1,0 MW 50,99 EUR	50,99	44,50	50,99	1,0	09:46	45,26	47,48	71,0
PH-14	5,0	49,30		51,00	0,9	5,9 MW 45,00 EUR	45,70	44,50	45,00	5,9	09:02	45,74	44,82	24,0
PH-15	6,0	51,61		51,90	4,0	8,8 MW 49,88 EUR	50,00	49,68	50,00	7,2	09:02	49,99	49,85	13,0
PH-16	7,0	54,81		55,25	3,0	1,0 MW 52,59 EUR	52,69	51,88	52,59	1,0	09:19	53,01	52,46	43,0
PH-17	10,0	55,53		55,90	3,7							55,35		
PH-18	4,5	70,00		72,00	3,0							58,32		
PH-19	37,0	56,00		56,30	3,5							56,00		
PH-20	2,4	55,24		56,02	4,0							55,50		
PH-21	4,6	52,31		53,39	10,0	30,0 MW 54,00 EUR	54,00	54,00	54,00	30,0	22:07	54,86	54,00	30,0
PH-22	4,0	47,10		49,99	4,0							49,33		
PH-23	9,5	43,90		53,99	4,0							44,89		
PH-24	1,1	39,00		41,45	5,0							40,58		

AMP	AT	TEL	MAVIR	ELES	BG
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
0,0	0,0	0,0	0,0	0,0	0,0
1.368,0	4,4	1.368,0	1.616,6	339,7	860,3
1.466,0	0,0	1.466,0	1.590,0	357,6	842,4
1.401,5	50,8	1.401,5	1.710,5	306,0	894,0
1.374,0	261,7	1.374,0	1.666,0	263,0	937,0
1.572,0	31,0	1.572,0	1.138,7	323,4	876,6
0,0	0,0	1.730,0	0,0	727,1	472,9
0,0	0,0	1.715,0	0,0	754,6	445,4
1.343,8	119,6	1.343,8	2.156,2	892,4	307,6
1.288,8	9,6	1.288,8	2.211,2	786,9	413,1
970,3	105,4	970,3	2.529,7	788,0	412,0
759,5	0,0	759,5	2.740,5	591,0	609,0
847,6	46,7	847,6	2.652,4	903,1	296,9

PH-20191120-04	0,2	39,06	 AMP  HR
PH-20191122-21	3,0	39,20	 50Hz  HR
PH-20191122-22	0,6	37,92	 NO2  HR

PH-20191130-24	5,0	40,47	 ES  HR
PH-20191130-24	5,0	40,47	 ES  HR
PH-20191130-24	5,0	40,47	 ES  HR
PH-20191130-24	5,0	40,47	 ES  HR
PH-20191130-24	5,0	40,47	 ES  HR

CROPEX IN SIDC



Thank You

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