



JSC «Conexus Baltic Grid»

## LATEST PLATFORM FUNCTIONALITY UPDATES

30.09.2020

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## OVERVIEW

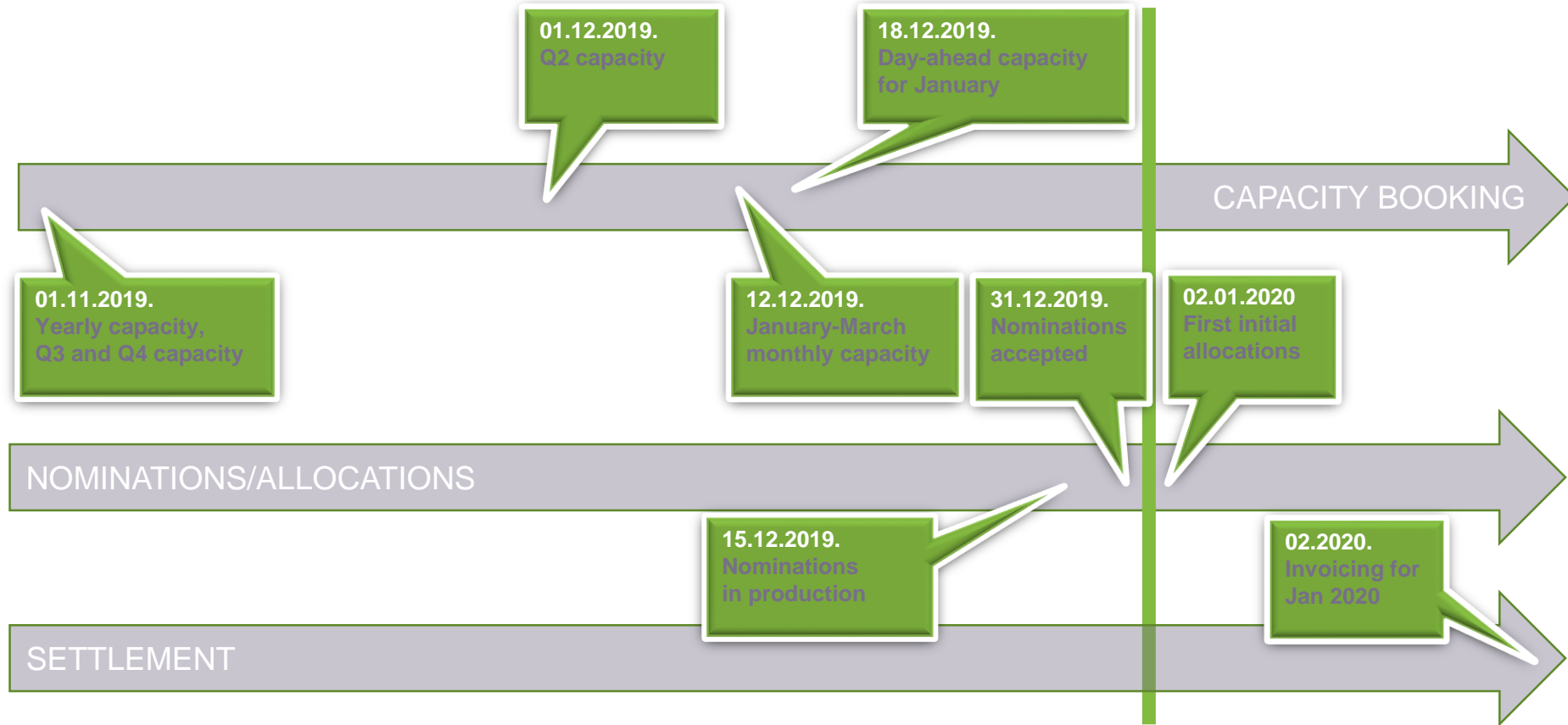
### TOPICS COVERED

## TOPICS COVERED IN THIS PRESENTATION

- 🌱 Implementation timeline and architecture overview
- 🌱 Change requests Phase 1 (under testing)
- 🌱 Change requests Phase 2 (under development)

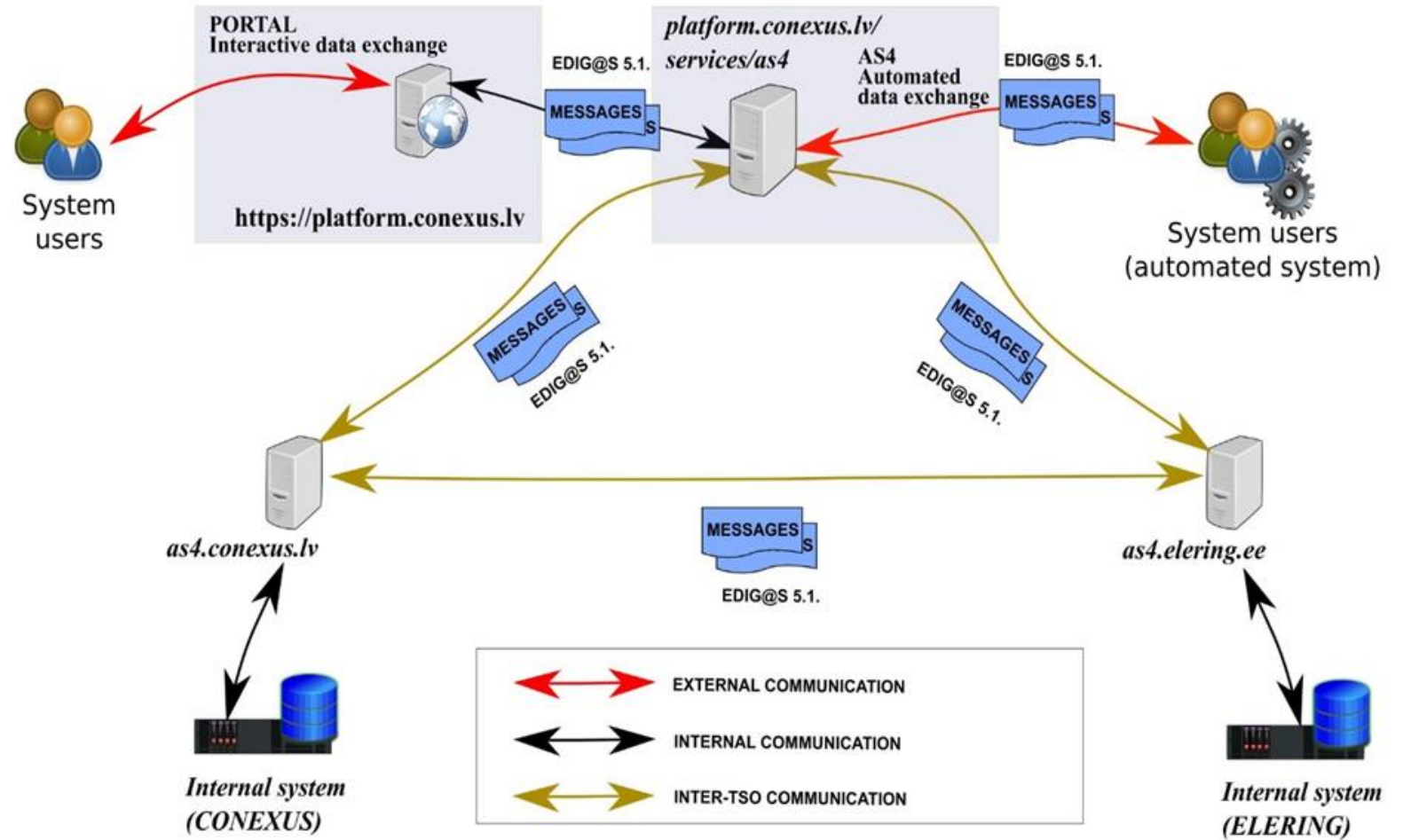
# CHALANGING

## INITIAL DEPLOYMENT TIMELINE



# CONCEPTS

## 3 LAYER COMMUNICATION ARCHITECTURE



# IMPROVMENTS

## PHASE 1 (UNDER TESTING)

# CSV EXPORT - ADDING GAS DAY AND CHANGING NUMBER FORMAT

TEST ENVIRONMENT conexus elering | Capacity Nomination Settlement Storage Balancing Administration

Nomination / Nomination

Nominations

Gas Day \*  
09.09.2020  Show latest Refresh Export

Connection Point 1 ↑	Counterparty 2 ↑	Counterparty EIC	Direction 4 ↑	Status	Nomination Version 3 ↓	Confirmed Version	Nomination (kWh/d)	Confirmed (kWh/d)
Balticconnector	TEST PARTICIPANT	0000000000000008	Exit	Accepted	1	1	5 555	0
Domestic consumption LV	TEST PARTICIPANT	0000000000000008	Exit	Accepted	1		400	
Kiemenai	TEST PARTICIPANT	0000000000000008	Entry	Rejected	1		75 777	
Kiemenai	TEST PARTICIPANT	0000000000000008	Entry	Accepted	1	1	75 777	0
Luhamaa	TEST PARTICIPANT	0000000000000008	Exit	Rejected	1		149 822	
Virtual trading point	EVIMÜR	EVIAMURNIECE!!!	Exit	Accepted	2	10	75 777	75 777
Virtual trading point	Incukalns UGS 1 year bundle...	IPGKIYP	Entry	Accepted	2	10	80 000	0

A	B	C	D	E	F	G	H	I	J
Gas Day	Connection Point	Counterparty	Counterparty EIC	Direction	Status	Nomination Version	Confirmed Version	Nomination (kWh/d)	Confirmed (kWh/d)
09.09.2020	Balticconnector	TEST PARTICIPANT		8 Exit	Accepted	1	1	5555	0
09.09.2020	Domestic consumption LV	TEST PARTICIPANT		8 Exit	Accepted	1		400	
09.09.2020	Kiemenai	TEST PARTICIPANT		8 Entry	Rejected	1		75777	
09.09.2020	Kiemenai	TEST PARTICIPANT		8 Entry	Accepted	1	1	75777	0
09.09.2020	Luhamaa	TEST PARTICIPANT		8 Exit	Rejected	1		149822	
09.09.2020	Virtual trading point			Exit	Accepted	2	10	75777	75777
09.09.2020	Virtual trading point	Incukalns UGS 1 year bundle product	IPGKIYP	Entry	Accepted	2	10	80000	0

# IMPROVEMENTS

## PHASE 1 (UNDER TESTING)

# EXTENDING USER SESSION - A POPUP WINDOW WITH YES AND NO BUTTONS

The screenshot displays the 'conexus elering' web application interface. The top navigation bar includes a 'TEST ENVIRONMENT' indicator and a menu with items: Capacity, Nomination, Settlement, Storage, Balancing, and Administration. The main content area is titled 'Nomination / Nomination' and shows a 'Nominations' section with a 'Gas Day \*' of '29.09.2020' and a 'Show latest' checkbox. Below this is a table with columns: Connection Point 1 ↑, Counterparty 2 ↑, Counterparty EIC, Direction 4 ↑, Status, Nomination Version 3 ↓, Confirmed Version, Nomination (kWh/d), and Confirmed. A 'Session info' popup window is overlaid on the bottom right, containing the text: 'Your session will expire in 1 minute. Please click Yes to extend your session.' and two buttons: 'Yes' and 'No'.

# IMPROVEMENTS

## PHASE 1 (UNDER TESTING)

# POSSIBILITY TO COPY HISTORICAL NOMINATIONS TO THE NEW GAS DAY

150 222
0

28.09.2020 17:38:44

Load Nomination
New
Modify
Upload NOMINT XML
Submit Nominations

Load Nomination

Source Gas Day \*

09.09.2020 🗖

Connection Point 1 ↑	Counterparty 2 ↑	Counterparty EIC	Direction 3 ↑	Nomination (kWh/d)
<input checked="" type="checkbox"/> Balticconnector	TEST PARTICIPANT	0000000000000008	Exit	5 555
<input type="checkbox"/> Domestic consumption LV	TEST PARTICIPANT	0000000000000008	Exit	400
<input type="checkbox"/> Kiemenai	TEST PARTICIPANT	0000000000000008	Entry	75 777
<input checked="" type="checkbox"/> Kiemenai	TEST PARTICIPANT	0000000000000008	Entry	75 777
<input type="checkbox"/> Luhamaa	TEST PARTICIPANT	0000000000000008	Exit	149 822
<input type="checkbox"/> Virtual trading point	EVIMŪR	EVIJAMURNIECE!!!	Exit	75 777
<input checked="" type="checkbox"/> Virtual trading point	Incukalns UGS 1 year bundle product	IPGK1VP	Entry	80 000

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Save
Cancel

# IMPROVEMENTS

## PHASE 1 (UNDER TESTING)

# ADDITIONAL CONFIRMATION BEFORE SUBMITTING CAPACITY REQUEST

Submit Capacity Request

Contract reference	21Z000000000153U_Z02_ZEM_Z06_ZEP
Auction status	PROCESS_STATUS_62G
Connection point	Kiemenai
Connection point EIC	
Direction	
Length	
Valid from	
Valid to	
Availability	
Available quantity	22 596 493 kWh/d

**Capacity request confirmation**

Are you sure that you want to submit the capacity request?

Quantity \* 10 kWh/d Minimum quantity \* 1 kWh/d



# IMPROVEMENTS

## PHASE 1 (UNDER TESTING)

# NOMINATION AGGREGATION BASED ON DIRECTION AND CONNECTION POINT

TEST ENVIRONMENT conexus elering | Capacity Nomination Settlement Storage Balancing Administration | 28.09.2020 17:48

Nomination / Nomination

Nominations

Gas Day\*  
29.09.2020  Show latest Refresh Export

Connection P...	Counterparty 2	Counterparty EIC	Direction 4	Status	Nomination V...	Confirmed Version	Nomination (kWh/d)	Confirmed (kWh/d)
Balticconnector	TEST PARTICIPANT	0000000000000008	Exit	Saved	1		5 555	
Kiemenai	TEST PARTICIPANT	0000000000000008	Entry	Saved	1		0	
Virtual trading point	Incukalns UGS 1 yea...	IPGK1YP	Entry	Saved	1		80 000	
<b>SUM</b>							<b>74 445</b>	<b>0</b>

1 to 3 of 3 | Page 1 of 1 | 28.09.2020 17:47:02

Load Nomination New Modify Upload NOMINT XML Submit Nominations

Hourly Distribution

Connection Point : Kiemenai  
Counterparty : TEST PARTICIPANT  
Direction: Entry  
Nomination Version : 1  
Confirmed Version :

Hours	Nomination (kW...)	Confirmed (kWh/h)
07:00-08:00	0	
08:00-09:00	0	
09:00-10:00	0	
10:00-11:00	0	
11:00-12:00	0	
12:00-13:00	0	
13:00-14:00	0	
14:00-15:00	0	
15:00-16:00	0	
16:00-17:00	0	

Copy Confirmed Copy Downward Export Save Cancel

# IMPROVMENTS

## PHASE 1 (UNDER TESTING)

# NEW SUB-MENU ITEM UNDER NOMINATION MENU - NOMINATION OVERVIEW

TEST ENVIRONMENT conexus elering 28.09.2020 19:55

Nomination **Nomination Overview**

Valid from \* 29.09.2020 Valid to \* 29.09.2020 Connection Point All Counterparty All Direction All Status All Search Reset

Nomination Overview Export

Gas Day 1 ↑	Connection Point 2 ↑	Counterparty 3 ↑	Counterparty EIC	Direction 4 ↑	Status	Nomination (kWh/d)	Confirmed (kWh/d)
29.09.2020	Balticconnector	TEST PARTICIPANT	0000000000000008	Exit	Saved	-5 555	0
29.09.2020	Kiemenai	TEST PARTICIPANT	0000000000000008	Entry	Saved	0	
29.09.2020	Virtual trading point	Incukalns UGS 1 year bu...	IPGK1YP	Entry	Saved	80 000	
<b>SUM</b>						<b>74 445</b>	<b>0</b>

## IMPROVEMENTS

### PHASE 2 (UNDER DEVELOPMENT)

### PHASE 2 (UNDER DEVELOPMENT)

- ✔ Graphical daily overview – account balance: based on imbalance screen and current day nominations
- ✔ Graphical daily overview - capacity and nominations: based on capacity overview and nominations
- ✔ Graphical daily overview - booked capacity products: based on capacity overview
- ✔ Changes of offered capacities filter functionality

## CONCLUSION

### FURTHER IMPROVEMENTS

## YOUR SUGGESTIONS ARE WELCOME!

- For further platform improvements please contact us via email:  
**platform@conexus.lv**

The background of the slide is a blurred industrial scene. It features various mechanical components, including pipes, valves, and structural frames. The color palette is dominated by muted blues and greys, with prominent vertical streaks of red and yellow on the right side, suggesting safety markings or specific parts of the machinery.

**THANK YOU FOR YOUR ATTENTION!**

**QUESTIONS AND ANSWERS**