



Nord Pool
Baltic update

**NORD
POOL**

Ingrid Arus
Baltic Energy Forum
Vilnius, 3 May 2016

A high-speed photograph of water splashing, creating a dense field of white droplets and bubbles against a dark blue background. The water is in motion, with ripples and splashes visible.

**Our focus and
established expertise
is in efficient
power trading**

**NORD
POOL**

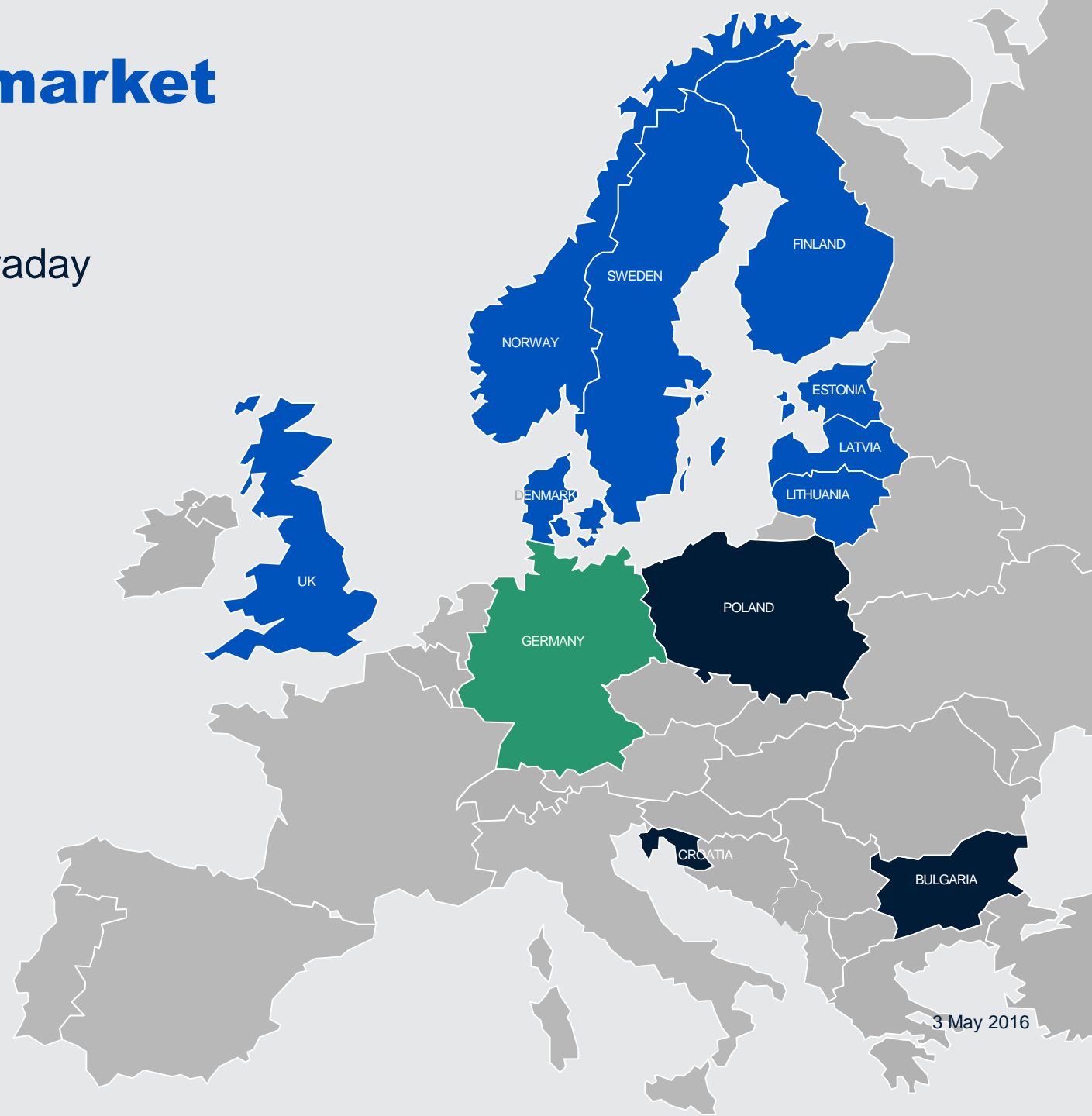
New brand – new name

- ▶ To reflect the simpler, more modern approach to the way we do business
- ▶ To create a strong and future proof corporate brand
- ▶ The new brand reflects our strategy and communicates our key strengths
- ▶ Simplicity, integrity, accessibility and impact



Europe's leading power market

- Nordic/Baltic and UK – day-ahead and intraday
- German market – intraday
- Serviced markets



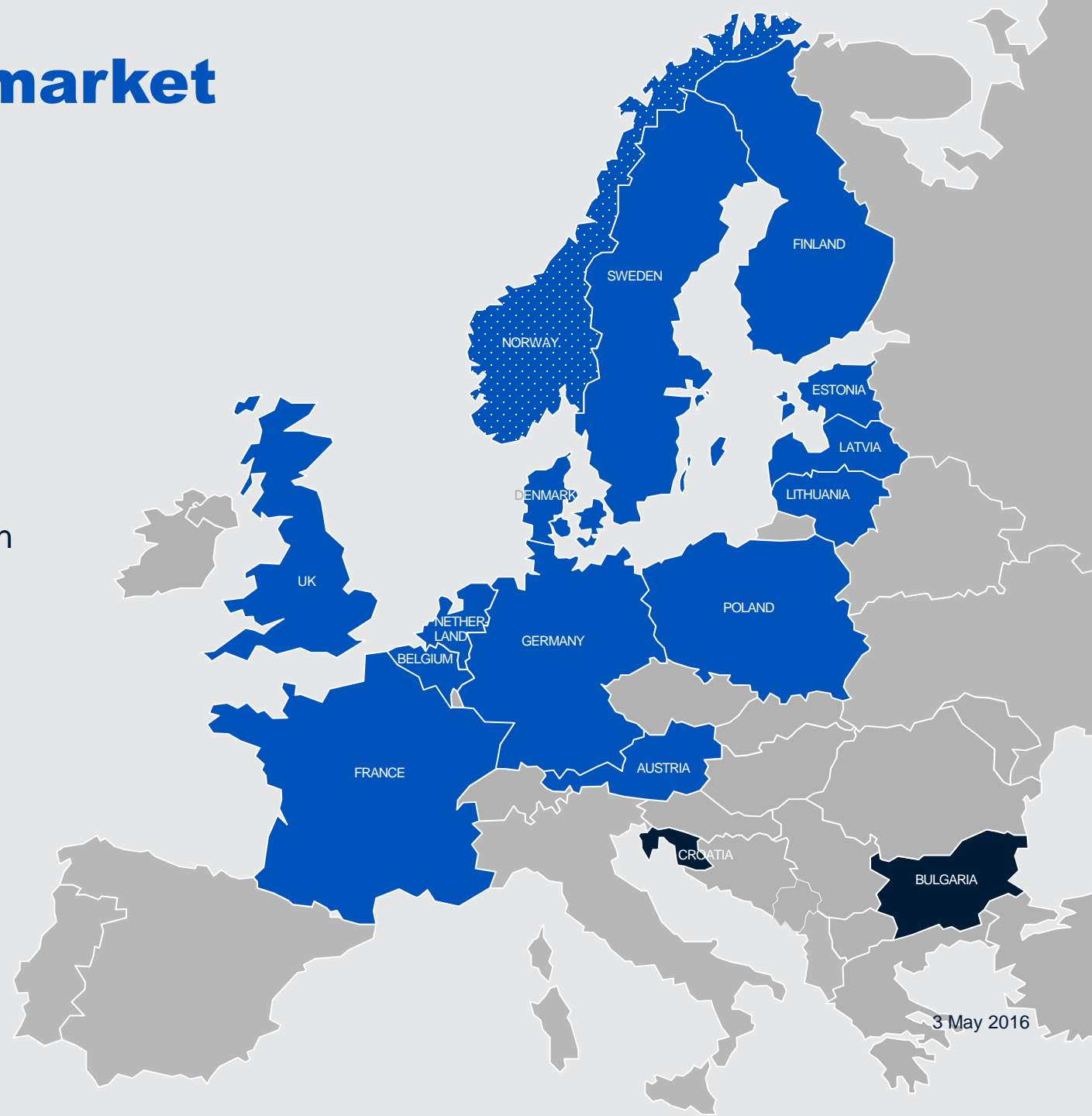
Europe's leading power market

■ Appointed NEMO

■ Serviced markets

■ Norway not part of EU

(Nord Pool operate on a Licence from The Norwegian Water Resources and Energy Directorate)





Towards a common European power market

The Nord Pool model for trading power

Financial market

Hedging of prices

Day Ahead Market

The DAM is a daily auction that closes at 12:00 every day. System price and area prices are calculated for delivery each hour the following day.

Intraday market

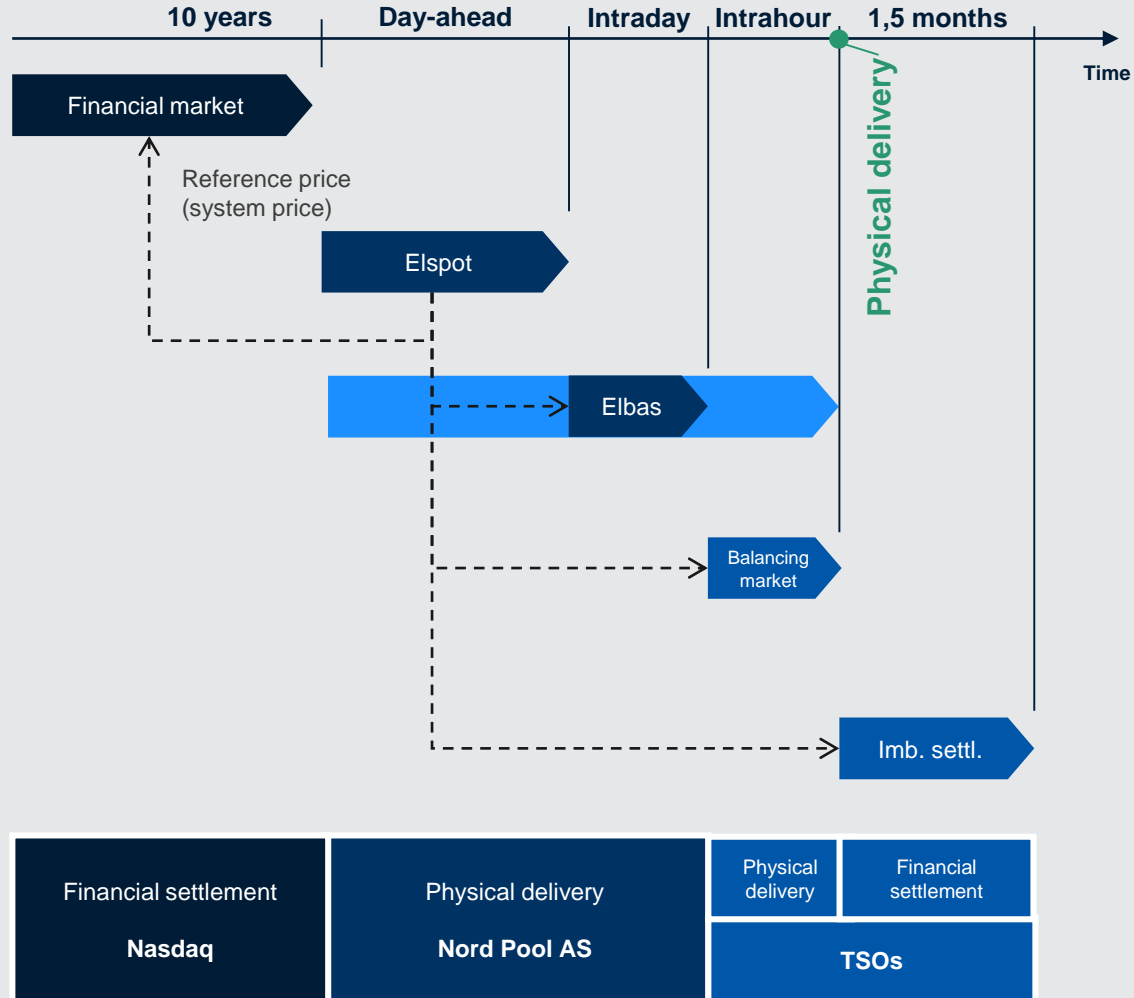
The Intraday market is a continuous (24/7) market. Products can be traded as early as 32 hours before delivery hour until 1 second before delivery hour.

Balancing markets

Intra-hour market for maintaining the power balance

Imbalance settlement

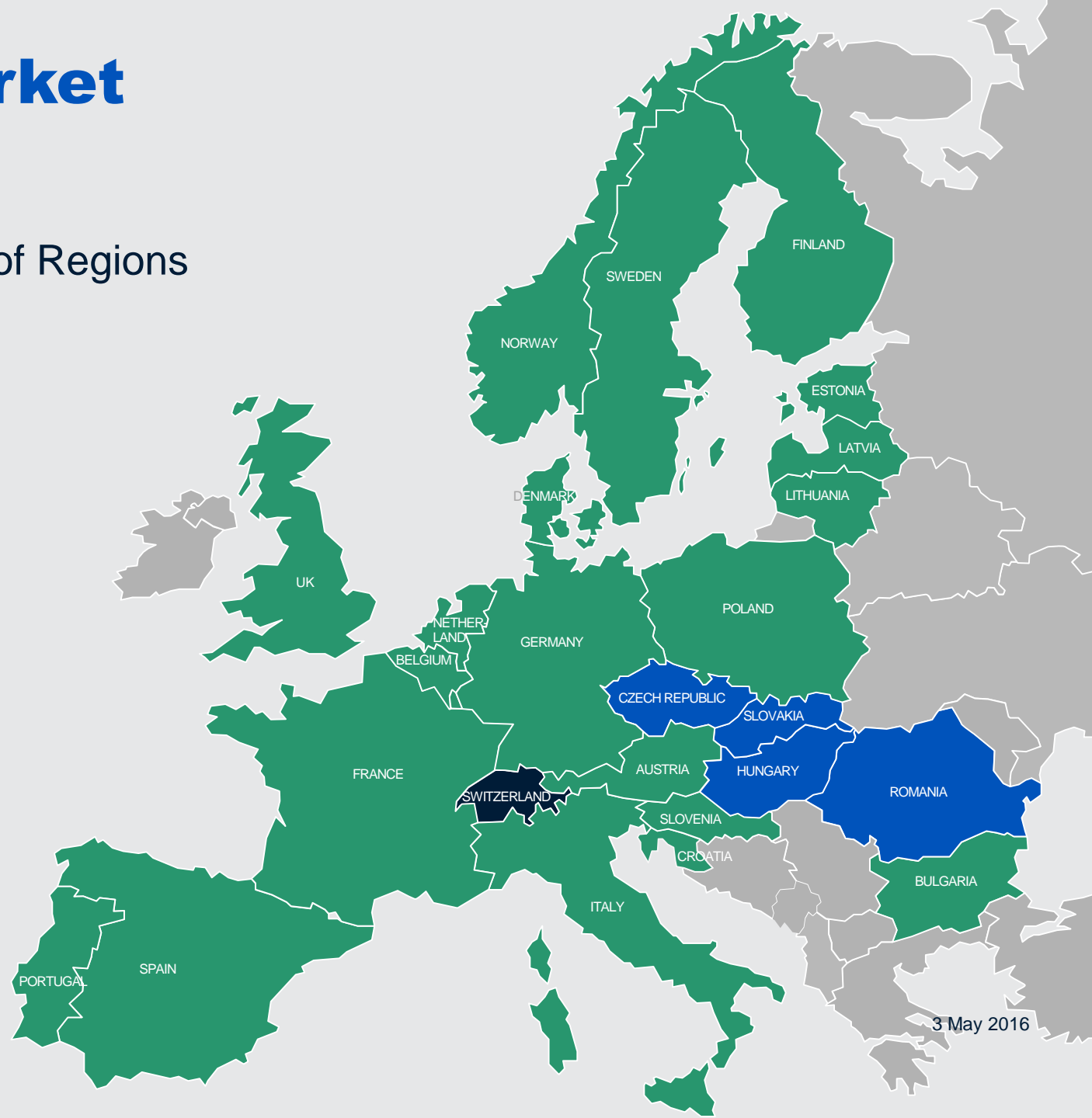
Post-hour settlement of deliveries between market participants



A common European market (end Q1 2016)

- Multi Regional Coupling – Price Coupling of Regions
- 4 MMC
- Independent

A fair and transparent determination of day-ahead power prices is a key factor for the success of the integration of the European power market.



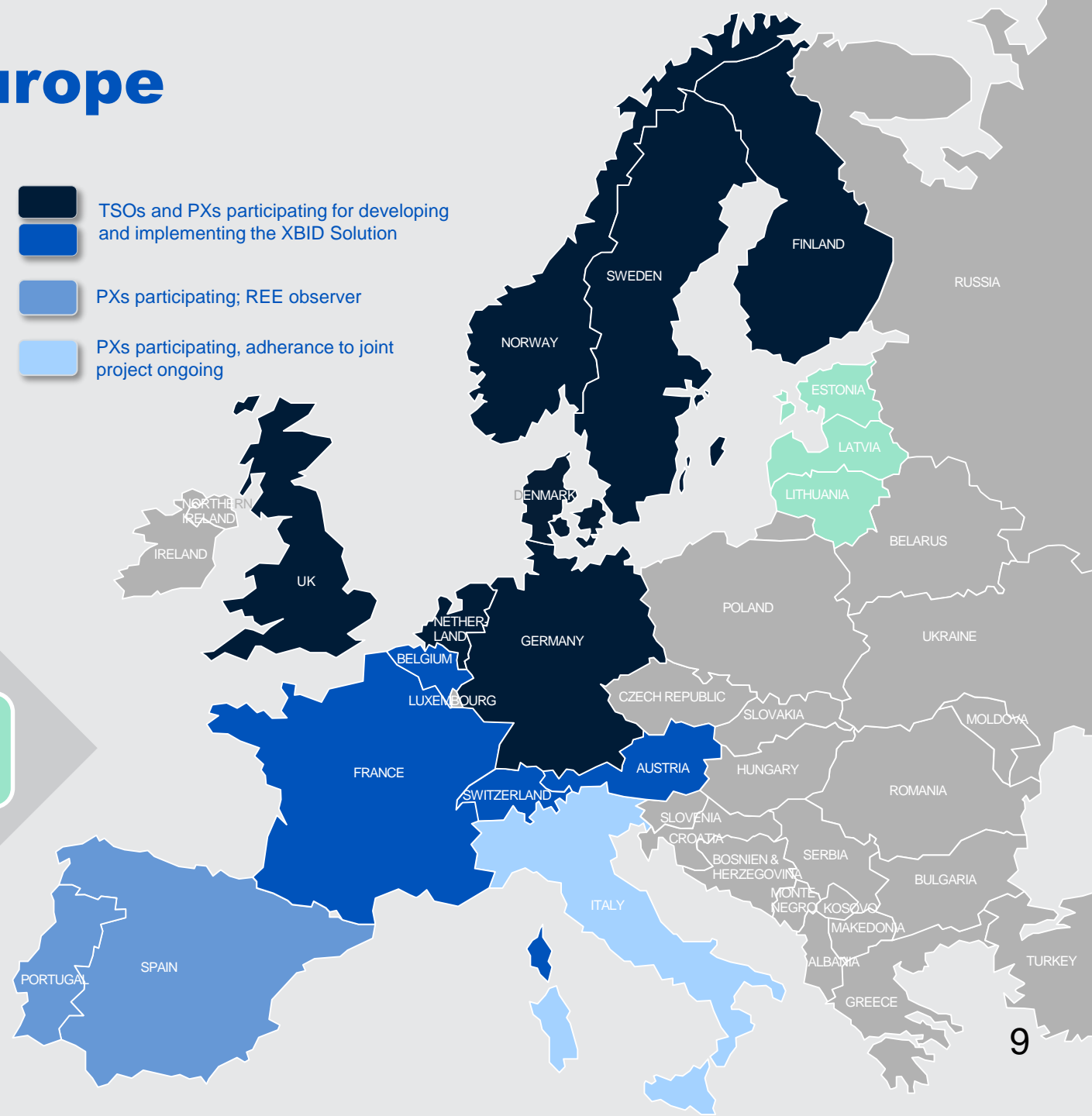
XBID - One integrated Europe

- ▶ EU target model for a Common European Cross-Border Intraday Market
- ▶ 4 Power exchanges; 17 TSOs
- ▶ Go live target date: July 2017

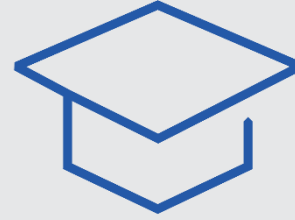
Baltic TSOs are part of the Accession Stream

Nord Pool together with TSOs are creating a Local Baltic LIP

- TSOs and PXs participating for developing and implementing the XBID Solution
- PXs participating; REE observer
- PXs participating, adherence to joint project ongoing



Nord Pool Academy's Certified Intraday Trader Course



- ▶ Presentation and demonstration of Nord Pool Intraday Web
- ▶ Presentation of new API for automated intraday trading
- ▶ Brief update about XBID

- ▶ Nord Pool's Intraday team will give live demonstration and coaching
- ▶ Participants will trade live in test environment

- ▶ Receive diploma as Certified Nord Pool Intraday Trader
- ▶ www.nordpoolgroup.com/academy

8 June in Oslo

The screenshot displays the Nord Pool Intraday trading interface. It features a 'Capacities' table on the left and an 'Order Depth' table on the right. The 'Capacities' table shows data for 50HZ and SE2 across different regions (NOS). The 'Order Depth' table shows bid and ask orders with columns for 'Where', 'Qty', and 'Price'.

Capacities				50HZ, SE2	
50HZ		SE2			
NOS	NOS	NOS	NOS		
0,0	0,0	0,0	0,0		
35,0	565,0	3 352,4	764,6		
0,0	635,0	3 359,3	748,2		
117,2	482,8	3 487,0	718,4		
545,8	54,2	3 756,4	700,6		
0,0	600,0	3 732,7	787,1		
0,0	600,0	3 866,5	780,4		
0,0	600,0	3 867,1	768,6		
0,0	600,0	3 631,0	770,9		
0,0	600,0	3 323,6	707,1		

Order Depth					
Where	Bid		Ask		Where
	Qty	Price	Price	Qty	
AMP	20,0	23,10	24,00	50,0	AMP
DK1	26,2	23,00	24,10	15,2	DK1
AMP	15,0	22,70	25,00	35,0	SE3
SE2	30,0	21,10	25,40	23,0	NO2
NO5	50,0	20,00	25,40	60,0	SE2
SE3	55,0	18,00	25,50	15,0	SE3
SE3	10,0	17,40	25,60	50,0	SE3
SE1	50,0	17,20	25,90	50,0	DK2
SE3	54,0	17,00	26,80	5,0	NO2
SE2	36,0	16,00	31,00	70,0	AMP

Baltic statistics

Baltic statistics 2016 / 2015 (Jan - April)

Interconnection capacities

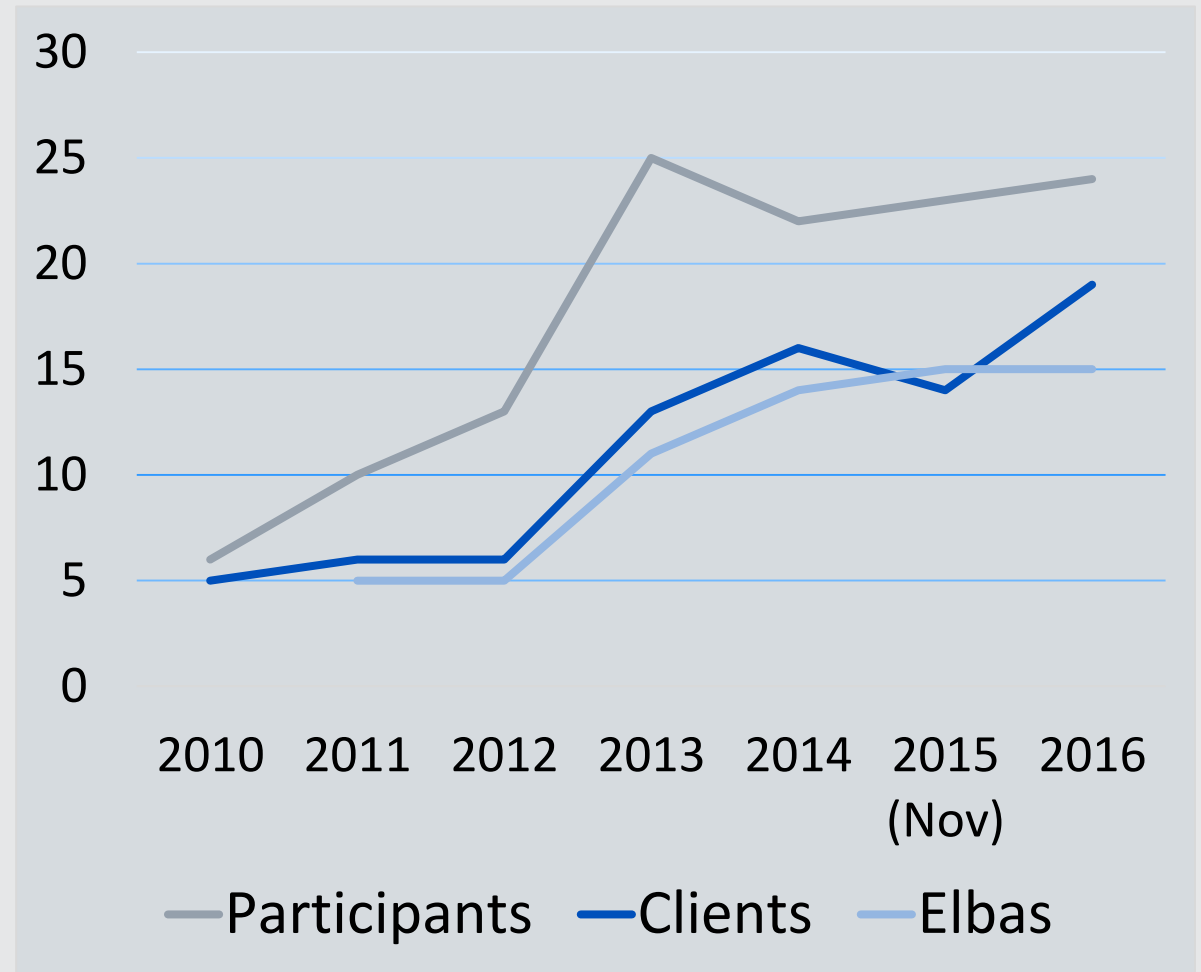
- LitPol 500 MW
- NordBalt 700 MW

Volumes

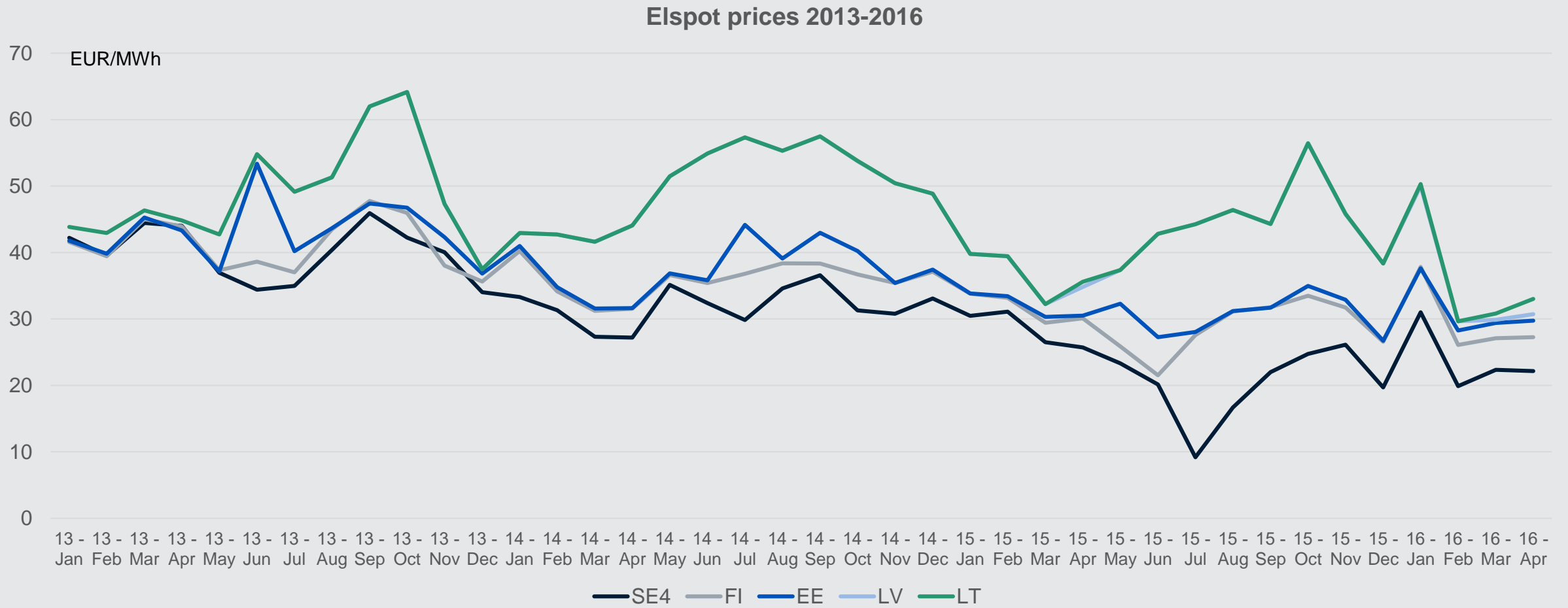
- Buy: +12,2%
- Sell: +4,7%
 - Consumption + 4,8%
 - Generation same as last year

Membership

- + 20%



Price dynamics 2013 - 2016





Thank you for your attention!
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