

10 April 2019

Implementation of the BAL NC

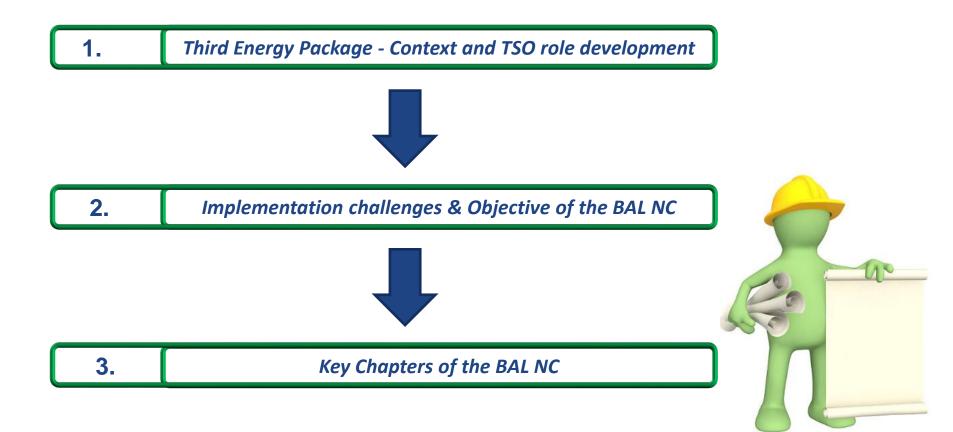
Energy Community

Arjan Kleine

Image Courtesy of Thyssengas









Context and TSO role development

Unbundled TSOs						
Transmission services role	Balancing role					
TSO core revenue streams	Residual Balancing role					

Implementation challenges



A number of challenges occur when implementing the Balancing Network Code

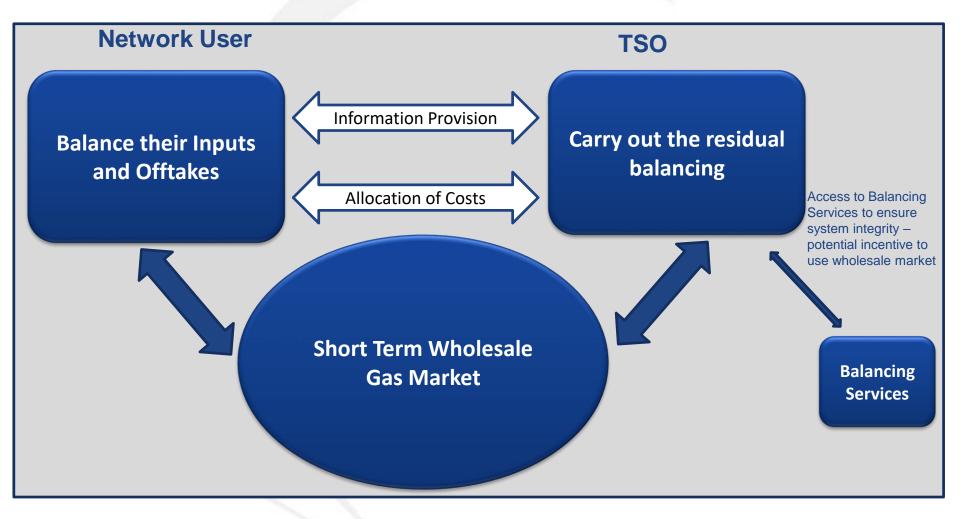
Information provision

- Investment in new IT equipment; metering changes
- Extensive cooperation with NRAs, DSO's, Network Users needed

Liquidity

- Low levels of liquidity in some countries
- Some countries do not currently have trading platforms
- Problem to offer Short
 Term Standardised
 Products

Context and TSO role development entsog Delivering the "Balancing Target Model"





Objective of the BAL NC Balancing Network Code



IEM contribution

stimulate liquidity in short term markets

✓ enable network users
 ✓ to balance their own portfolio

- incentives network users to balance
 - ensures smooth transition

Objective

Promote short

term markets and

market based

balancing via

harmonised rules

Operational balancing using merit order of products

Harmonized (re-)nomination procedures and portfolio information

Daily imbalance charge, within-day obligations and neutrality of TSOs

Interim measures: Balancing platform, tolerances etc.

IV Operational Balancing

Nominations

V

VI Daily Imbalance Charges

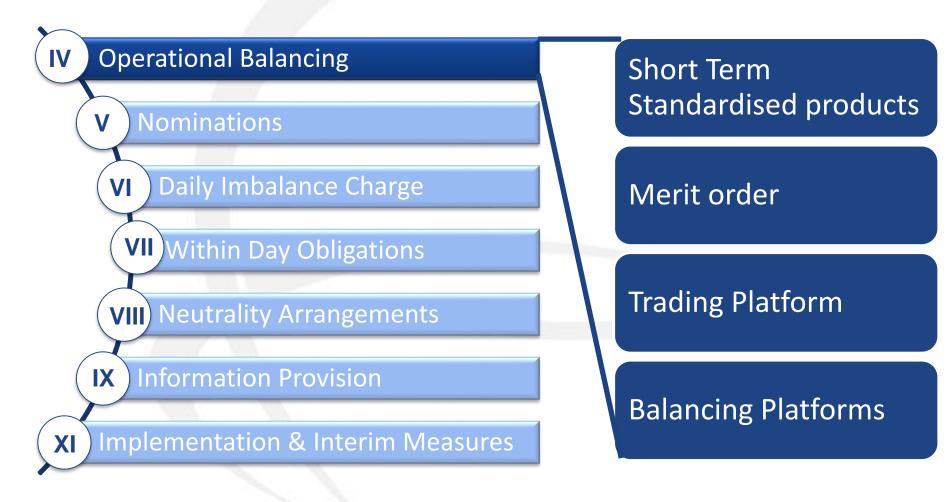
VII Within Day Obligations

VIII) Neutrality Arrangements

IX Information Provision

XI Implementation & Interim Measures







Operational Balancing

Merit Order

Priority	• Title Products	
Next	 Locational Products Temporal products Temporal locational products 	Equal priority but used for different circumstances
Start	Balancing Services	

... designed to promote liquidity and efficiency

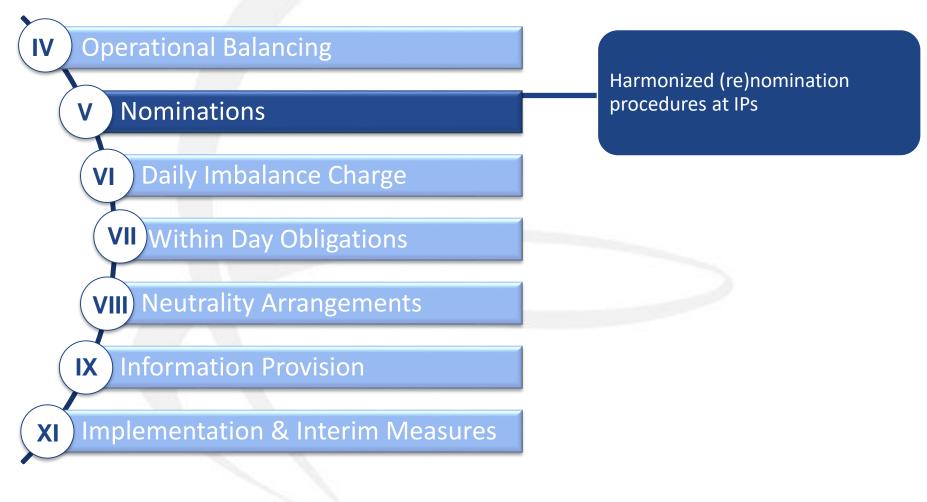


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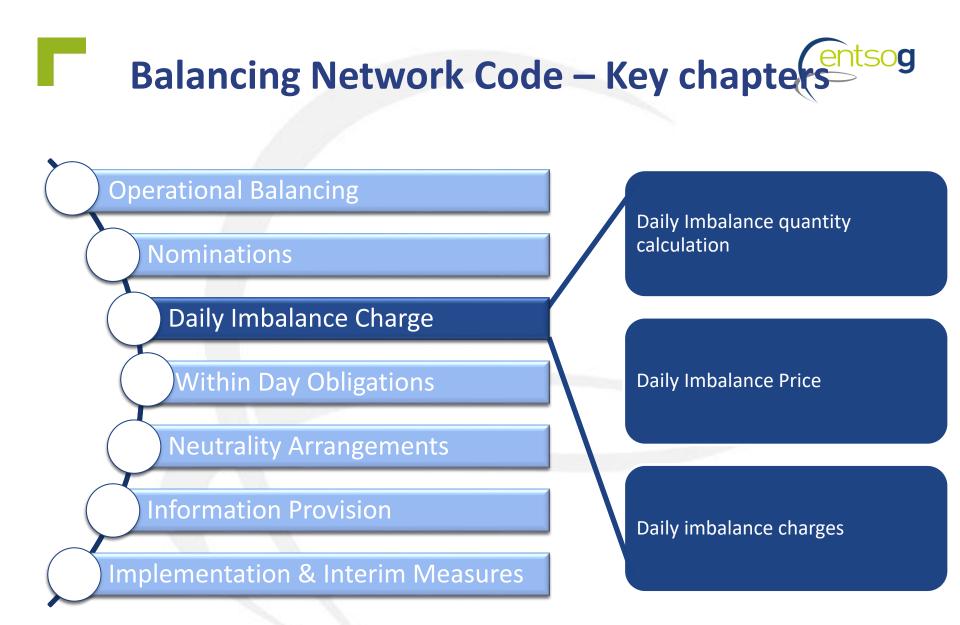
Monitoring – Balancing Actions



Cluster	Balancing	WD title	DA title	WD	DA	WD	WD	Balancing	Balancing
	zone			locational	locational	temporal	temporal	Platform	Services
							locational		
	AT	100.0							
	BELUX-H	100.0							
	BELUX-L	100.0							
	DE-GASPOOL	59.9	36.8	0.8	0.3			0.0	2.2
	DE-NCG	51.0	19.5	0.0	0.0	0.0	29.2	0.2	0.2
2015	DK	100.0							
2015	FR-PEG Nord	98.1		1.9					
	FR-TRS	98.7		1.3					
	HU	99.8		0.1					
	NL	45.3				54.7			
	SI	26.8	72.4						0.8
	UK-GB	100.0							
	CZ	78.4	21.6						0.0
2016	ES	59.8	40.2						
	HR	21.3	0.0	0.0	0.0			78.6	0.0
	π	99.4	0.6	0.0	0.0				
	РТ								100.0
Interim measures	BG-N								100.0
	BG-T								100.0
	EL								100.0
	IE								100.0
	LT	10.3							89.7
	LV								100.0
	PL-H	99.9							0.1
	RO								100.0
	SE								100.0
	SK							100.0	
	UK-NI								100.0
Derogation	n EE								100.0



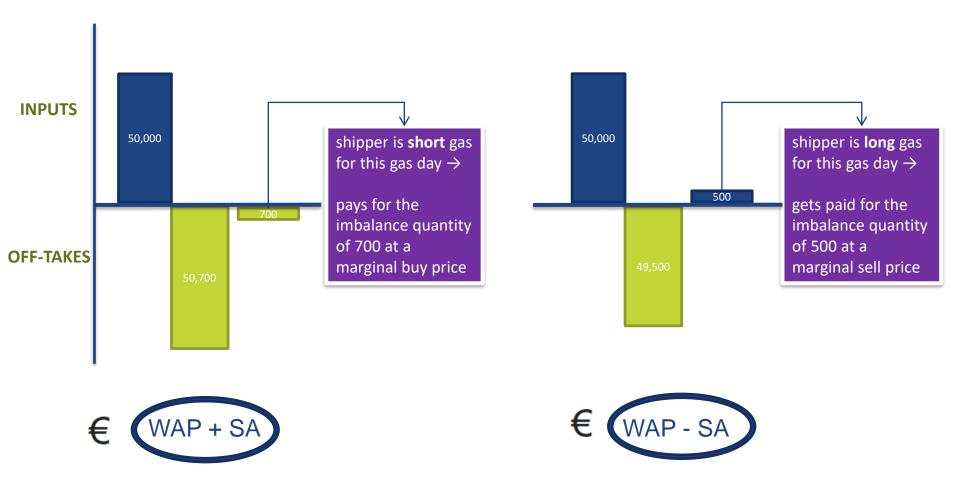


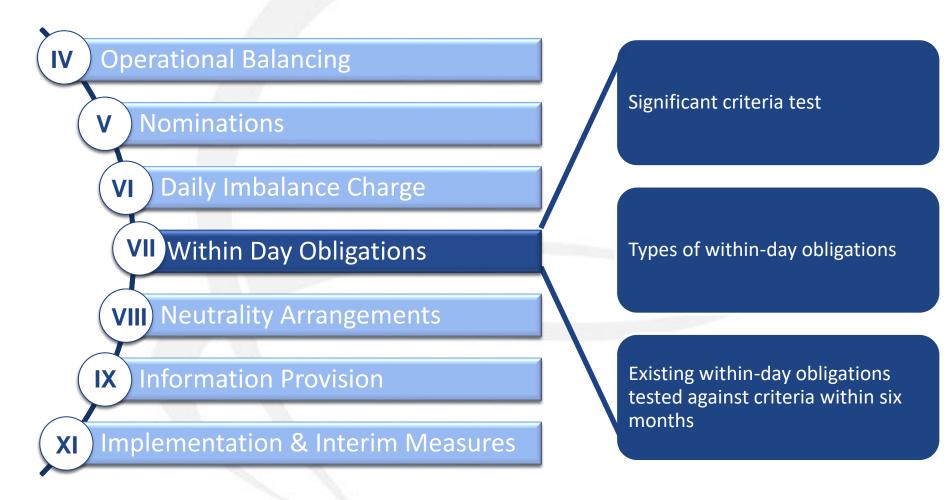


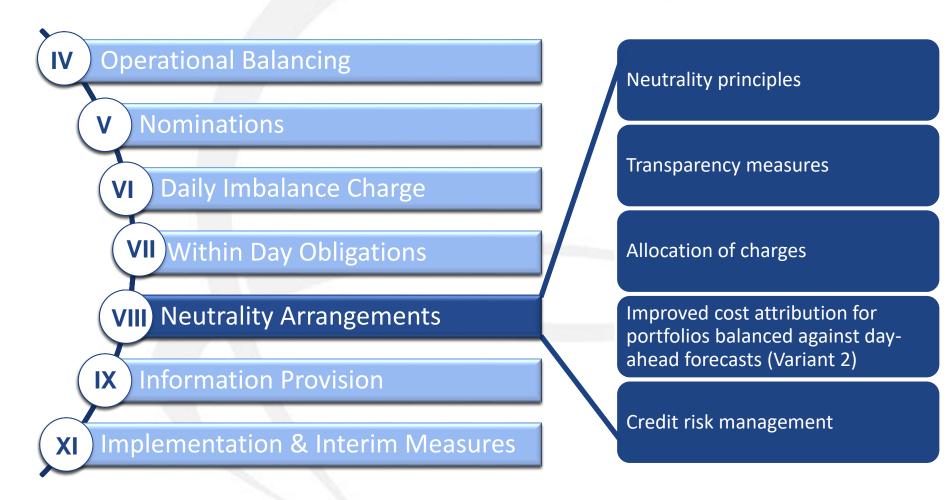




Daily Imbalance Charges

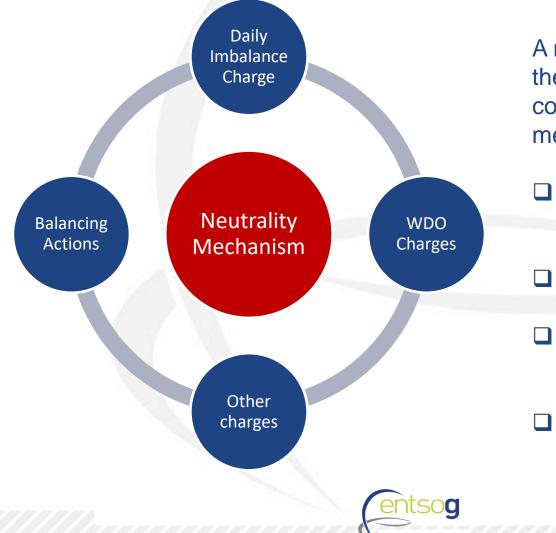








What are the financial elements of the balancing activities



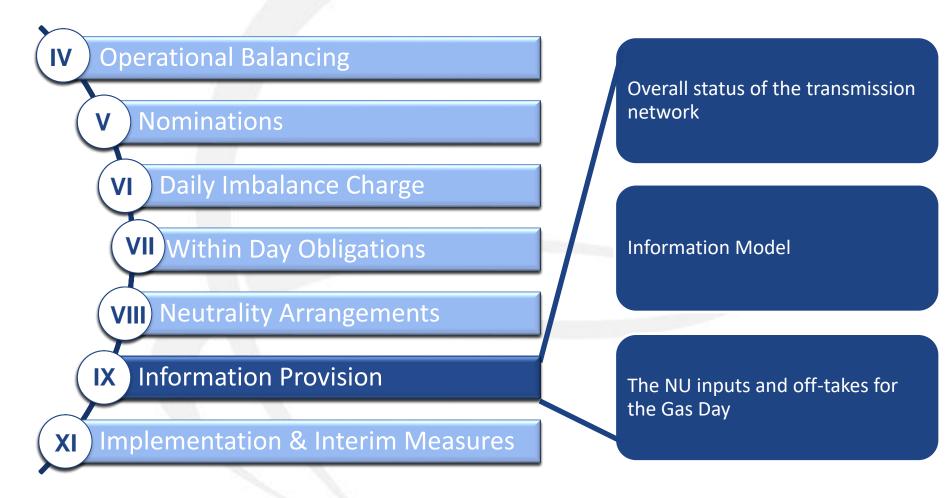
A neutrality mechanism will then be designed, with the code setting out some key measures:

Rules on what is allowed to be recovered

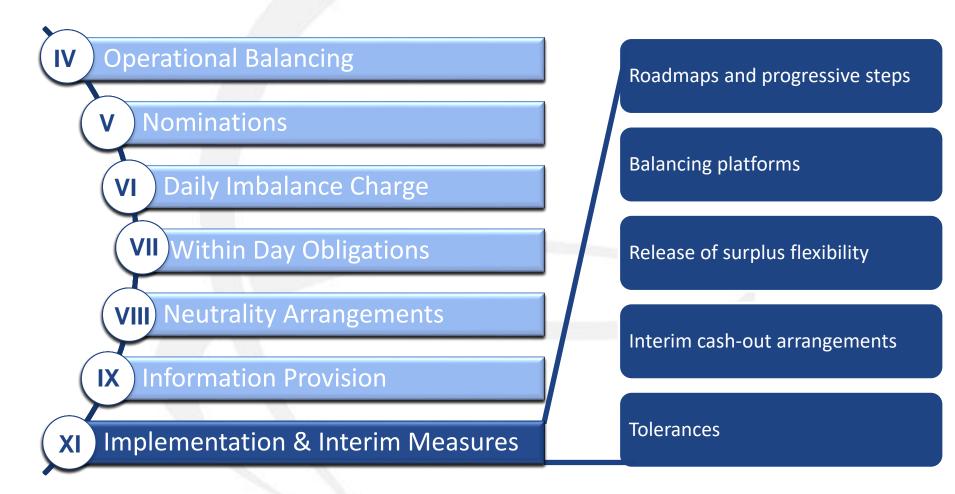
□ Transparency measures

Shippers charged based on use of system

Credit risk management











Thank You for Your Attention

10 April 2019 Arjan Kleine

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