

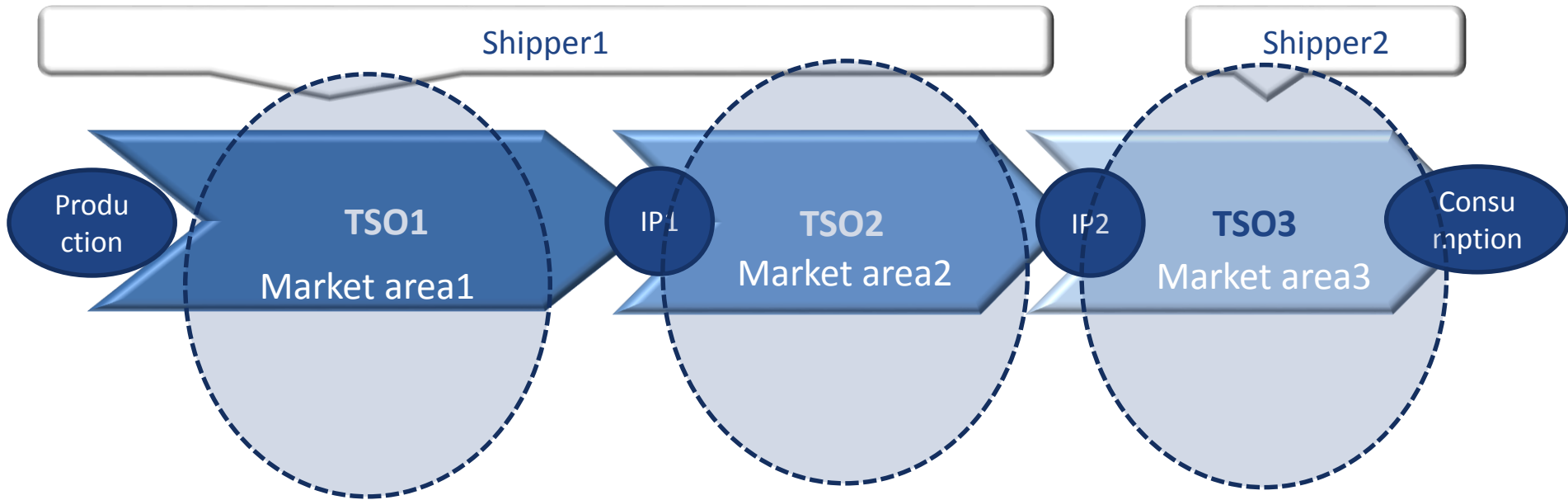
# **INT NC monitoring report**

## **Network Codes and Stakeholder Engagement Workshop**

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**Adviser**  
**System Operations**



# Why do we need an INT NC?



Shippers working with different TSOs have to be sure that barriers for the free flow of gas in the Union are removed.



# What's the added value?

## AIM

Users of different systems do not face extra technical, operational, communications or business-related barriers

Common units for communication/publication



Improves common understanding

Harmonised Interconnection Agreements with default rules



Safeguards TSO-TSO cooperation

TSO-TSO cooperation for cross border trade restrictions due to differences in gas quality and odourisation



Quality should not restrict flow

Monitoring gas quality (short and long term)



Users are informed

Common Solutions for data exchange needs (network, protocol, format)



Communication is harmonised

Development process for communication content



Stakeholders are involved



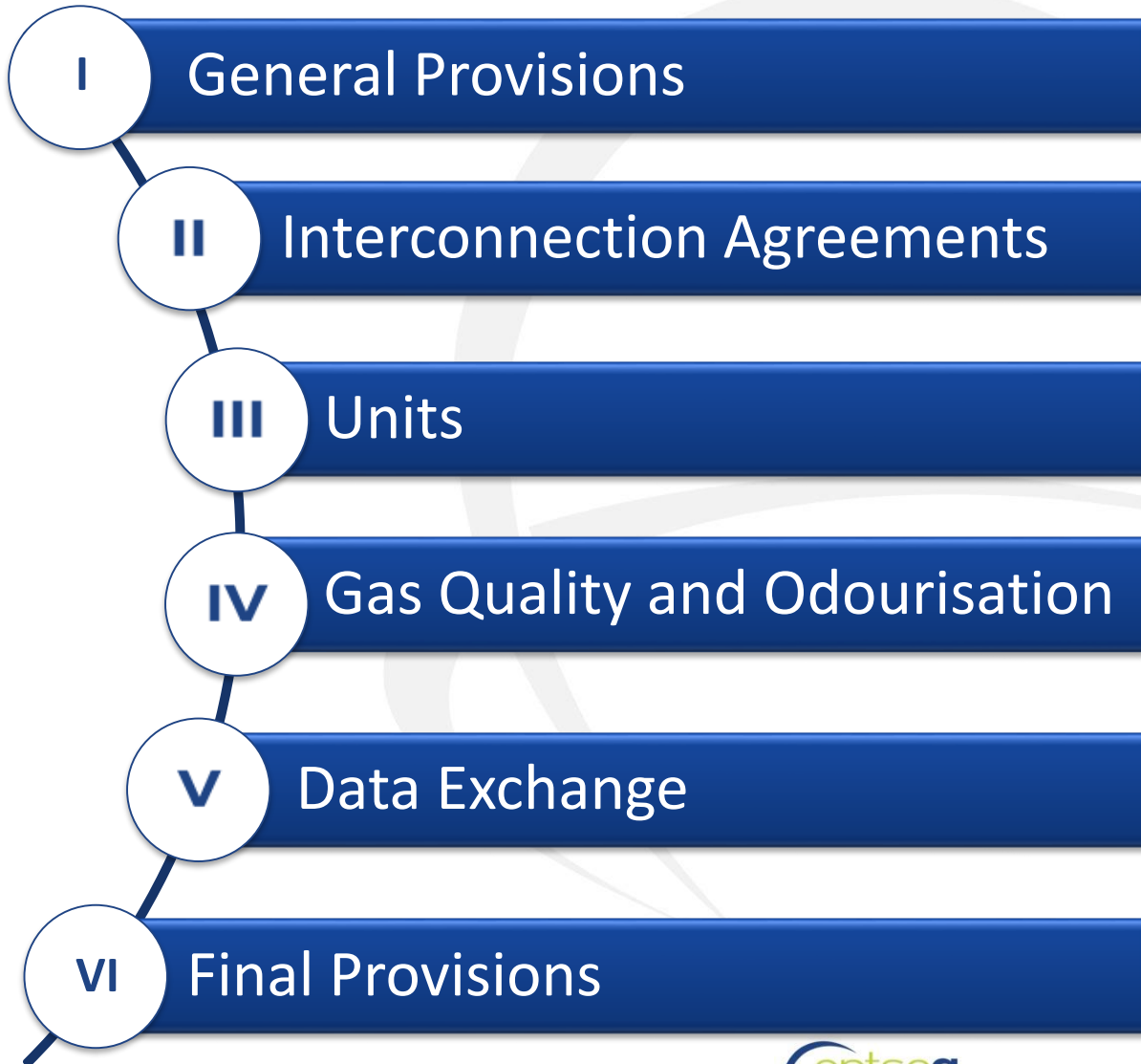
# Interoperability Network Code. Dates.



- **5 April 2015** - the Network Code (Commission Regulation (EU) No 2015/703) was approved by the EU Gas Committee
- **1 May 2016** - The implementation date



# NC INT Chapters



## VI. Final Provisions

### Article 25 Implementation Monitoring



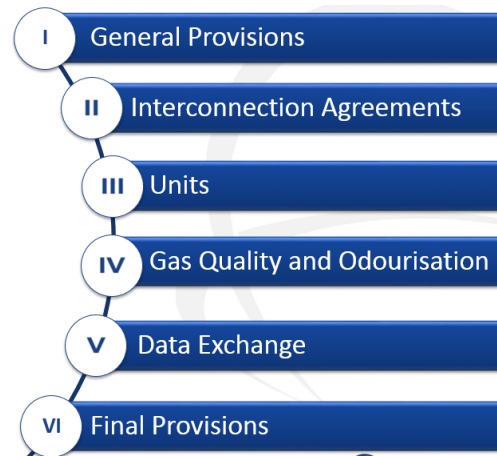


# Monitoring Process



To assess the implementation of the INT NC ACER and ENTSOG agreed questionnaire for European TSOs:

- The questionnaire consists of two parts:
  - general questions
  - IP specific questions
- The questionnaire was composed addressing the requirements of each article of the INT NC.





## Monitoring Process



- Detailed information provided by TSOs
- All information aggregated and forwarded to ACER
- ENTSOG publishes an overview of the implementation of the INT NC in EU

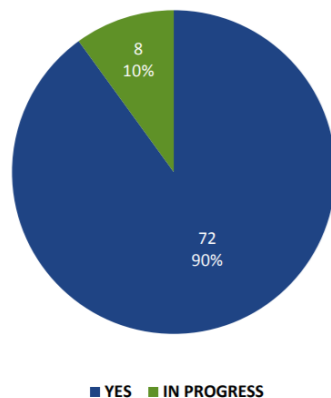




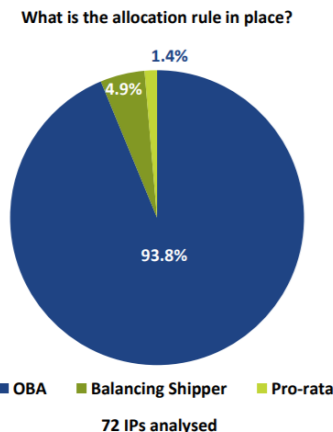
# INT NC Implementation Monitoring Report

[Click the link to INT NC monitoring report](#)

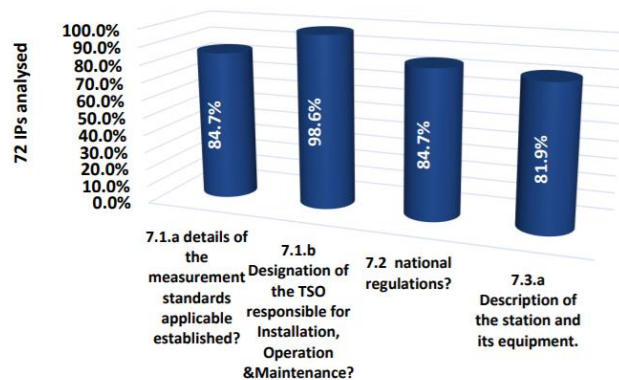
Article 3: Does the IP have a signed IA in place?



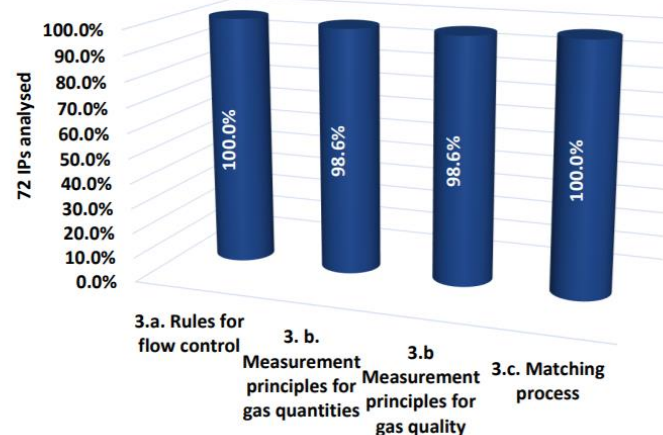
Article 9: Rules for allocation of gas quantities?



Article 7: Regarding measurement principles on the IA, are the following topics or principle addressed?



Article 3: Terms covered by the IA?





# Conclusions in the Report

**90 % (72 of 80)** of interconnection points (IPs) are covered with **interconnection agreements (IAs)** between adjacent TSOs following INT NC provisions

The **lesser rule** is implemented as the matching rule in the vast majority of agreements.

**The operational balancing account (OBA)** is widely used as the allocation rule.

**No cross-border trade restrictions** due to differences in gas **quality or odourisation** practices that cannot be avoided by mutual cooperation between TSOs have been detected.

**More than 83%** of the TSOs are publishing on their websites Wobbe Index (WI) and Gross Calorific Value (GCV) for each Entry IP once per hour.

**The majority of TSOs** have implemented or are in the progress of implementing one or more of **the common data exchange solutions** for Nomination and Balancing processes and CAM/CMP processes. In addition to the common solutions, **82% of TSOs** have advised that **existing solutions are staying in place**.



## Additional developments by ENTSOG

- **Template for IA – *December 2015***
- **Common Network Operation Tools**  
to specify Common Data Exchange  
Solutions – *November 2016*
- **Long Term Gas Quality Monitoring  
Outlook – *December 2016***



# INT NC Implementation Report Way Forward

Update and agree the Questionnaire	October 2017
Replies from TSOs	November- December 2017
Implementation report INT NC 2017	Q2 2018 together with CAM, CMP and BAL IM and EM reports



# Thank You for Your Attention

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