



Gas Transmission Europe

GTE Interactive Map

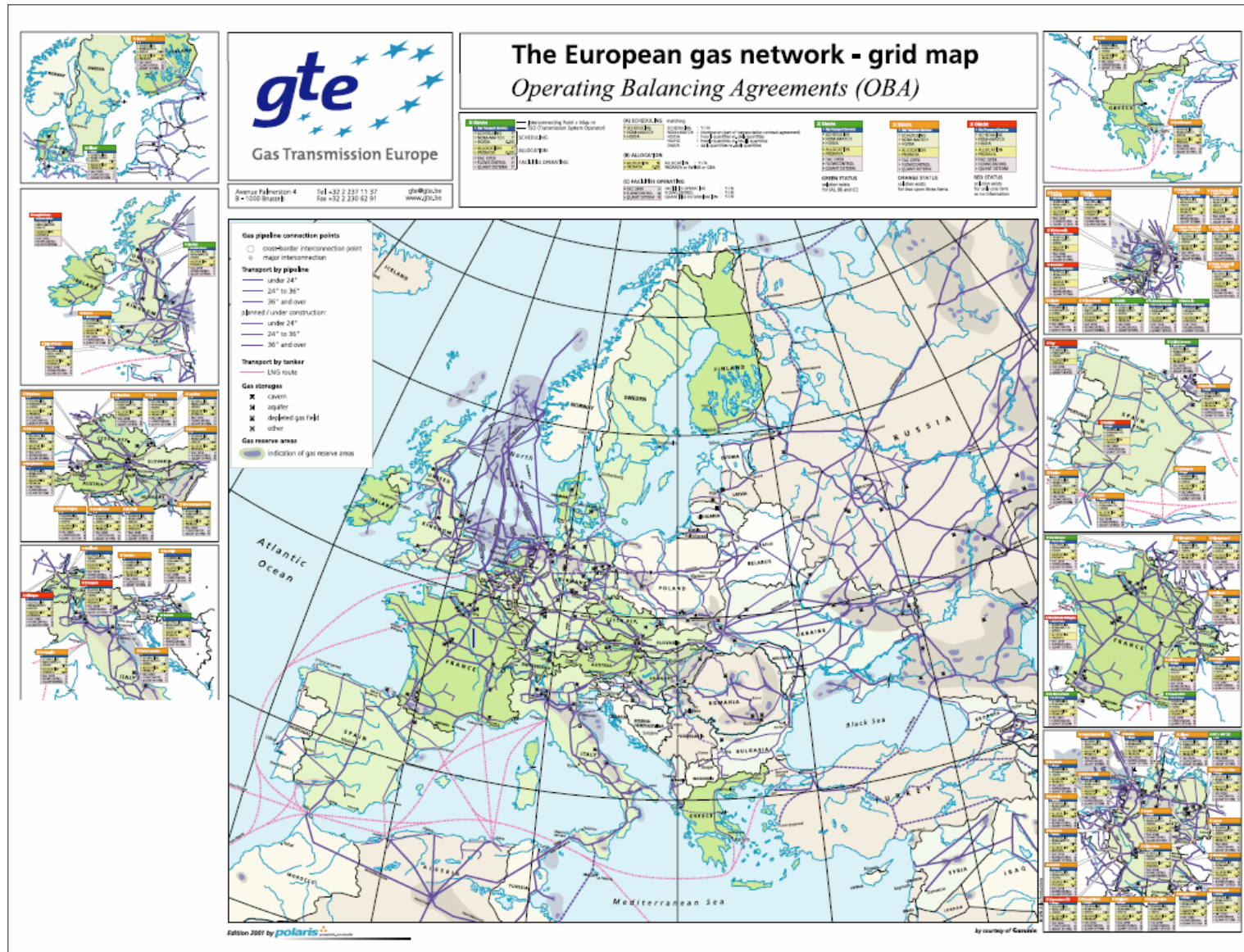
Heading towards more transparency

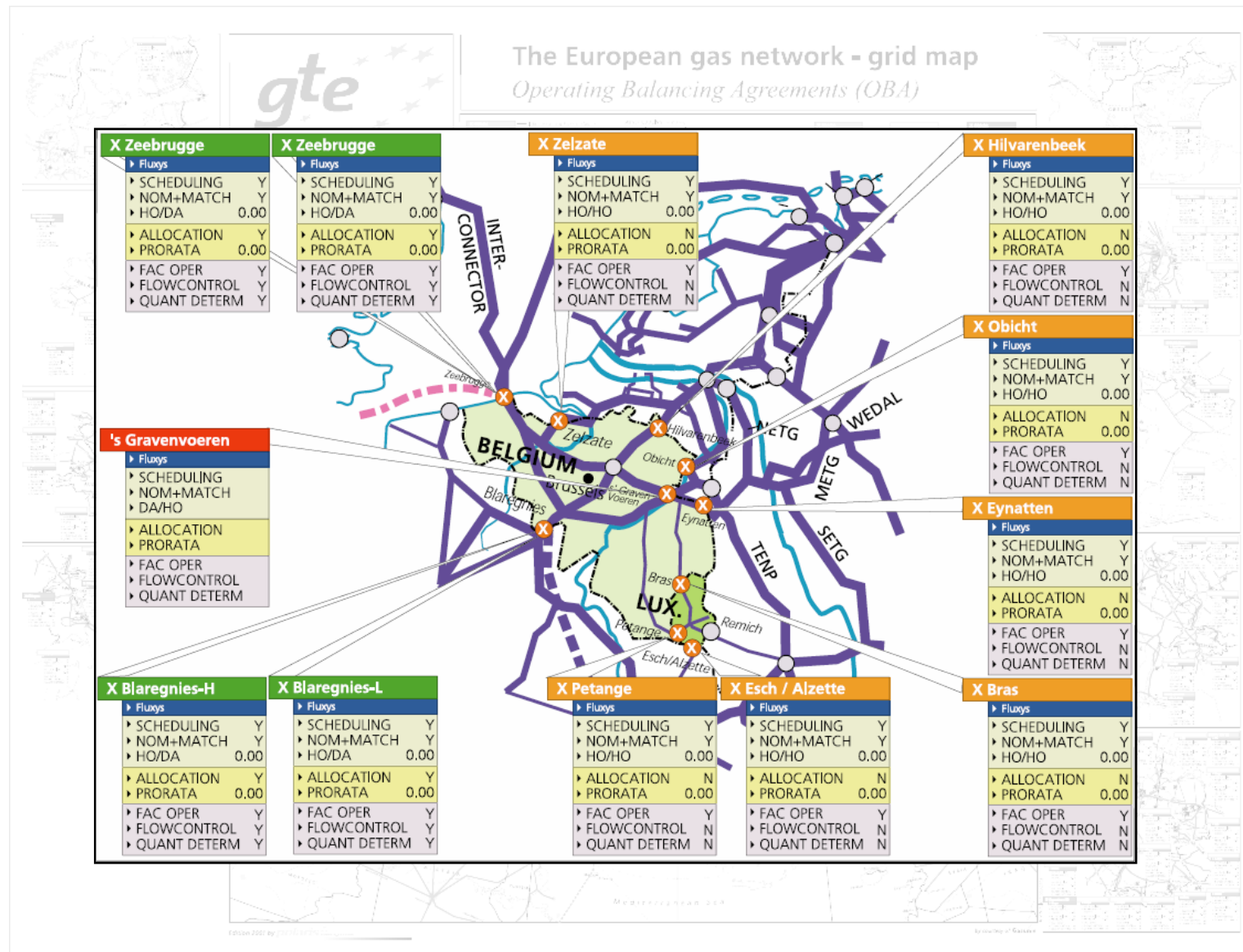
Madrid Forum XIII, 16 – 17 October 2007



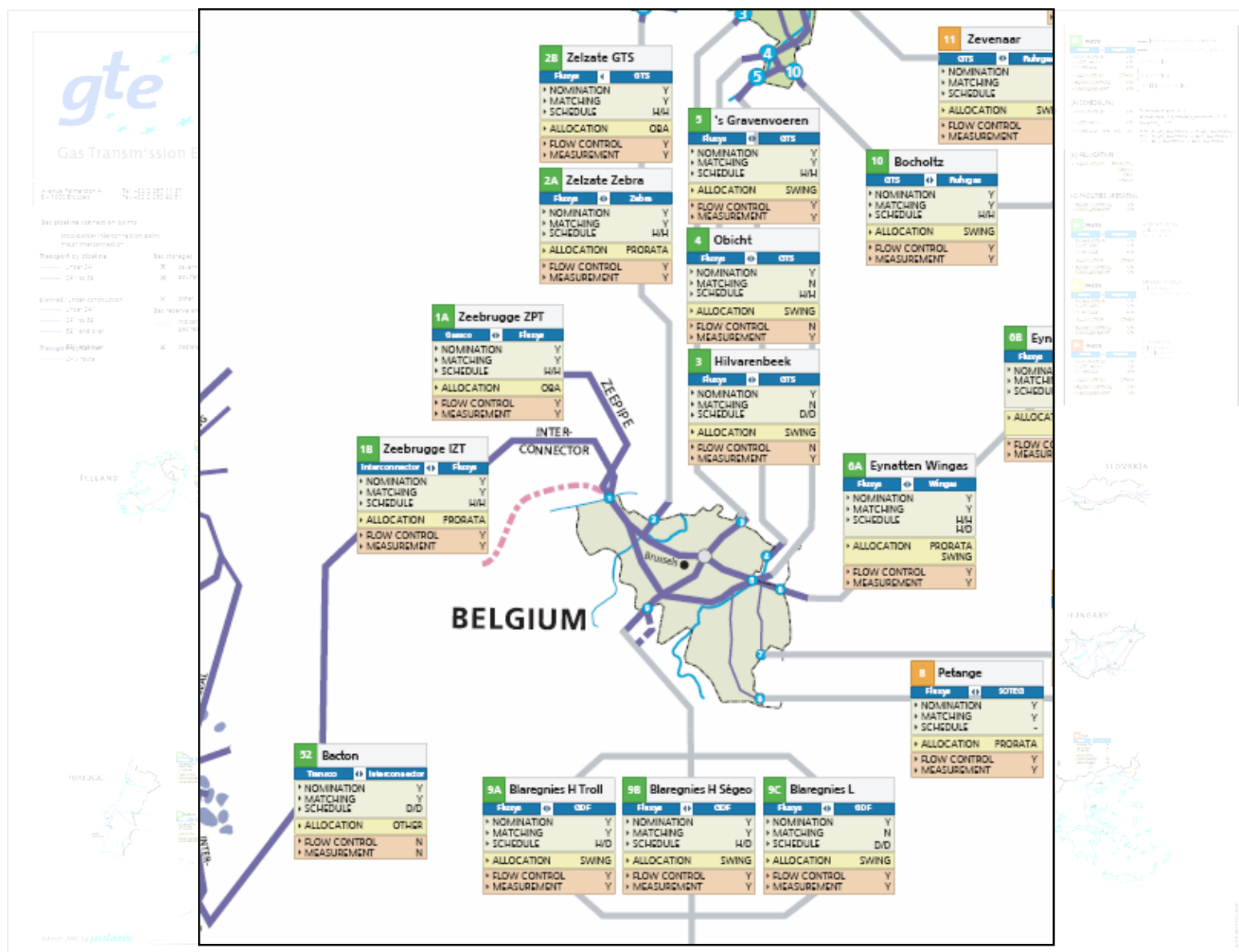
Evolution of GTE Ops Maps

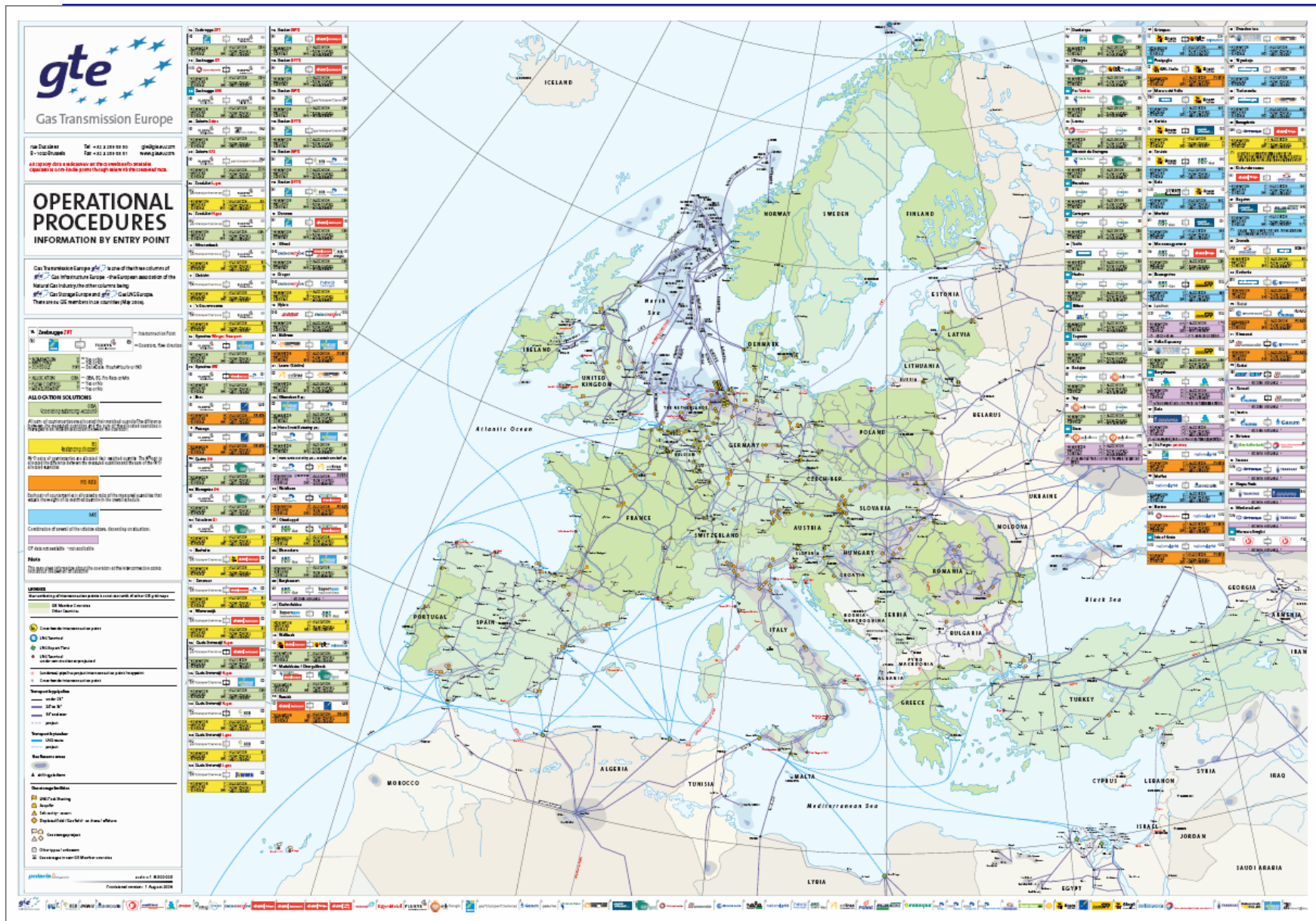
- Operational procedures Maps contain data related to
 - Nominations
 - Allocations
 - Balancing Regime
 - Flow Measurementfor all Interconnection Points (IPs) across Europe.
- Goal: make the data available to the market with a view to improving interoperability.











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Presentation of first Interactive Map demo at Madrid Forum XII

- Request to merge the OP Map with the results of the DG TREN Interoperability Questionnaire with regard to:
 - Nominations & Matching
 - Gas Quality
 - Units
 - IT Communication
 - Data Exchange
- Interactive Map Demo was given at MF XII and widely supported by the Forum as a way to increase transparency
- It looked like:



gie THE EUROPEAN NATURAL GAS NETWORK OPERATIONAL PROCEDURES

737 x 451 | 1K / 1 sec

SELECT A WAYPOINT : 1A - ZEEBRUGGE ZPT

OPERATIONAL PROCEDURES

- STORAGE
- LNG

Business Rules

Specific Overview Comments

Nomination & Matching

- B1 - Single agreed IA or equiv. applicable (Y/N)
- B2 - IP at intersection of 2 time zones (Y/N)
- B3, B4, B5 - Time Basis
- B6 - Matching Process
- B7 - Lesser Rule Principle (Y/N)
- B8 - Initial Nomination Scheme (Y/N)
- B9 - Renomination Scheme (Y/N)
- B10 - Day Renomination : continuous renomination process (Y/N)
- B11 - Day Renomination : lead time
- B12 - Notices sent between shippers and TSO

Codification

Gas Quality

IT Comm. and Data Formats

Units

1 local items selected totalling 1117

Layers

All Current

☒ Transport by pipeline

- ☒ under 24"
- ☒ 24" to 36"
- ☒ 36" and over
- ☐ project

☐ Gas storage facilities

- ☐ LNG peak shaving
- ☐ Acquirer
- ☐ Salt cavity - cavern

☒ Transport by tanker

- ☒ LNG route
- ☐ project

☒ Gas reserve areas

- ☒ Gas fields
- ☒ drilling areas

☒ Topography

- ☒ Capitals
- ☒ River/Lake/shore

Properties : Nomination & Matching - Business Rules

1A Zeebrugge ZPT High


Gassco (Norway)

FLUXYS Fluxys (Belgium)

B1 - Single agreed IA or equivalent applicable at this IP that applies to the TSO's active at this point ?

	Yes
1A_Fluxys	Yes
1A_Gassco	Yes





**THE EUROPEAN NATURAL GAS NETWORK**
OPERATIONAL PROCEDURES

737 x 451 | 1K / 1 sec

SELECT A WAYPOINT : 1A - ZEEBRUGGE ZPT

1A Zeebrugge ZPT High

 Fluxys (Belgium)

 Gassco (Norway)

Nomination & Matching

B1 - Single agreed IA or equivalent applicable at this IP that applies to the TSO's active at this point ?

1A_Fluxys	Yes
1A_Gassco	Yes

B2 - Is this IP at the intersection of two time zones?

B3, B4, B5 - Time basis used : Do you use "Local Time" in the nomination process (see EASEE-gas CPB) ?

B6 - Do you currently apply the "matching" process (see EASEE-gas CPB) ?

B7 - Do you apply the "lesser rule principle" in case of matching between nominations?

B8 - Do you apply the initial nomination scheme - deadlines (see EASEE-gas CPB) ?

B9 - Do you apply the renomination scheme-deadlines (see EASEE-gas CPB) ?

B10 - Do you apply within day renomination, a continuous renomination process between the frame time (see EASEE-gas CPB) ?

B11 - Within day renomination, what is the lead time from a renomination to a confirmation of rescheduled gas quantity?

B12 - Do the notices sent between shippers and TSO's contain a clear and sufficient information? Which improvements ?

B13 - Does the current nomination process at this IP present a barrier to the free flow of gas?

B14 - Points relating to harmonisation of the nomination & matching process used on the European Gas Market

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LNG

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B3, B4, B5 - Time Basis

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B7 - Lesser Rule Principle (Y/N)

B8 - Initial Nomination Scheme (Y/N)

B9 - Renomination Scheme (Y/N)

B10 - Day Renomination : continuous renomination process (Y/N)

B11 - Day Renomination : lead time

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☐ Topography

- ☒ Capitals
- ☒ River/Lake/shore



What happened since MF XII?

- New prototype was developed, taking into account initial comments and based on 3 interconnection points
 - Zeebrugge, Larau and Baumgarten
 - New model has Google Earth 'look and feel'
- 2 workshops were organized, all stakeholders invited (including EU Commission, ERGEG and industry associations):
 - 21 June 2007 & 16 July 2007
 - Attendance was very low, but feedback and comments were very positive
- Based on results of the workshops the platform was adapted
- Interactive map database being populated with relevant data for all IPs è on line before end 2007, all data in before mid 2008
- Change Management procedures being developed
 - Changes that affect 2 TSOs have to be validated by both before updating the map