



Gas Transmission Europe

GTE Interactive Map

Heading towards more transparency

Madrid Forum XIII, 16 – 17 October 2007

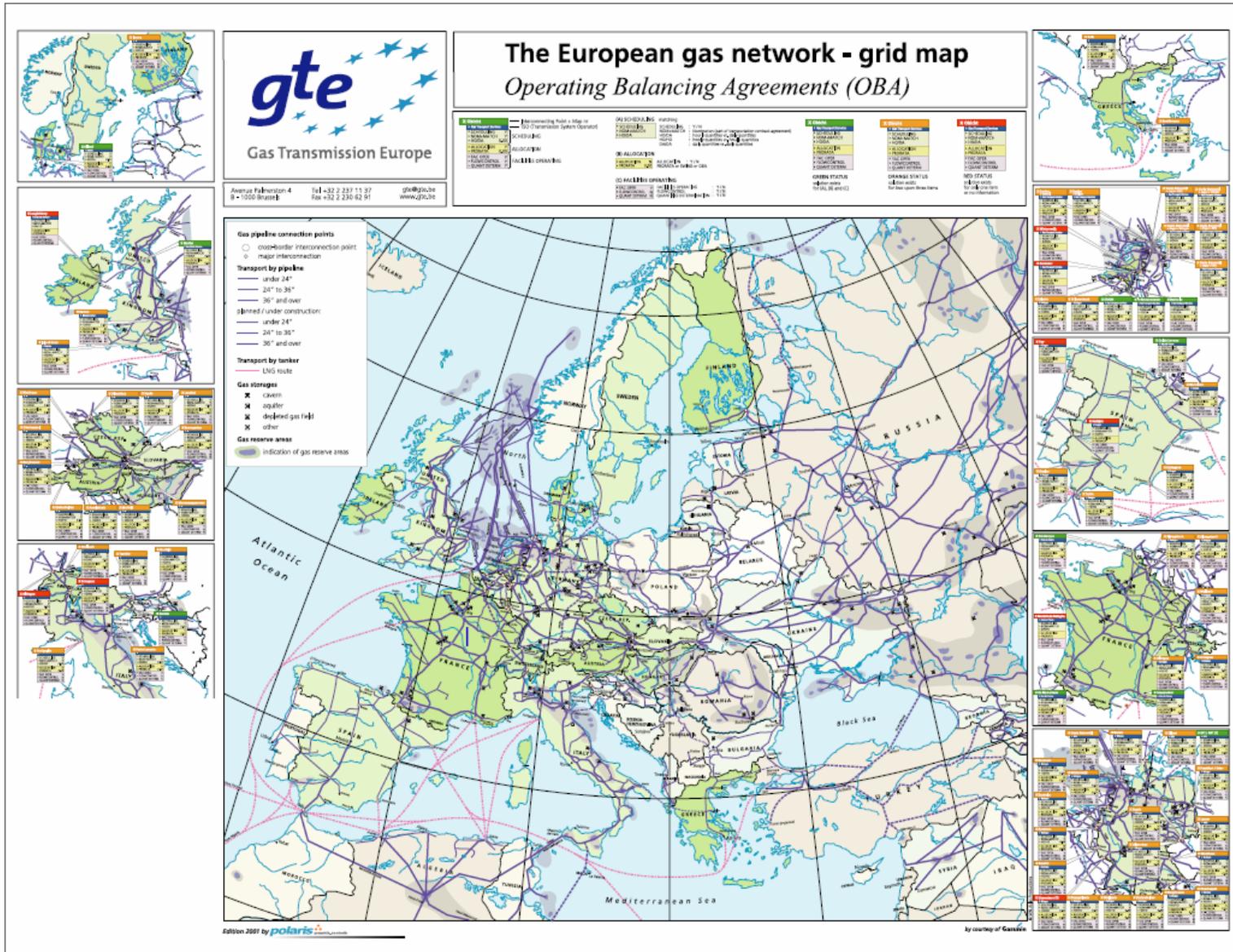


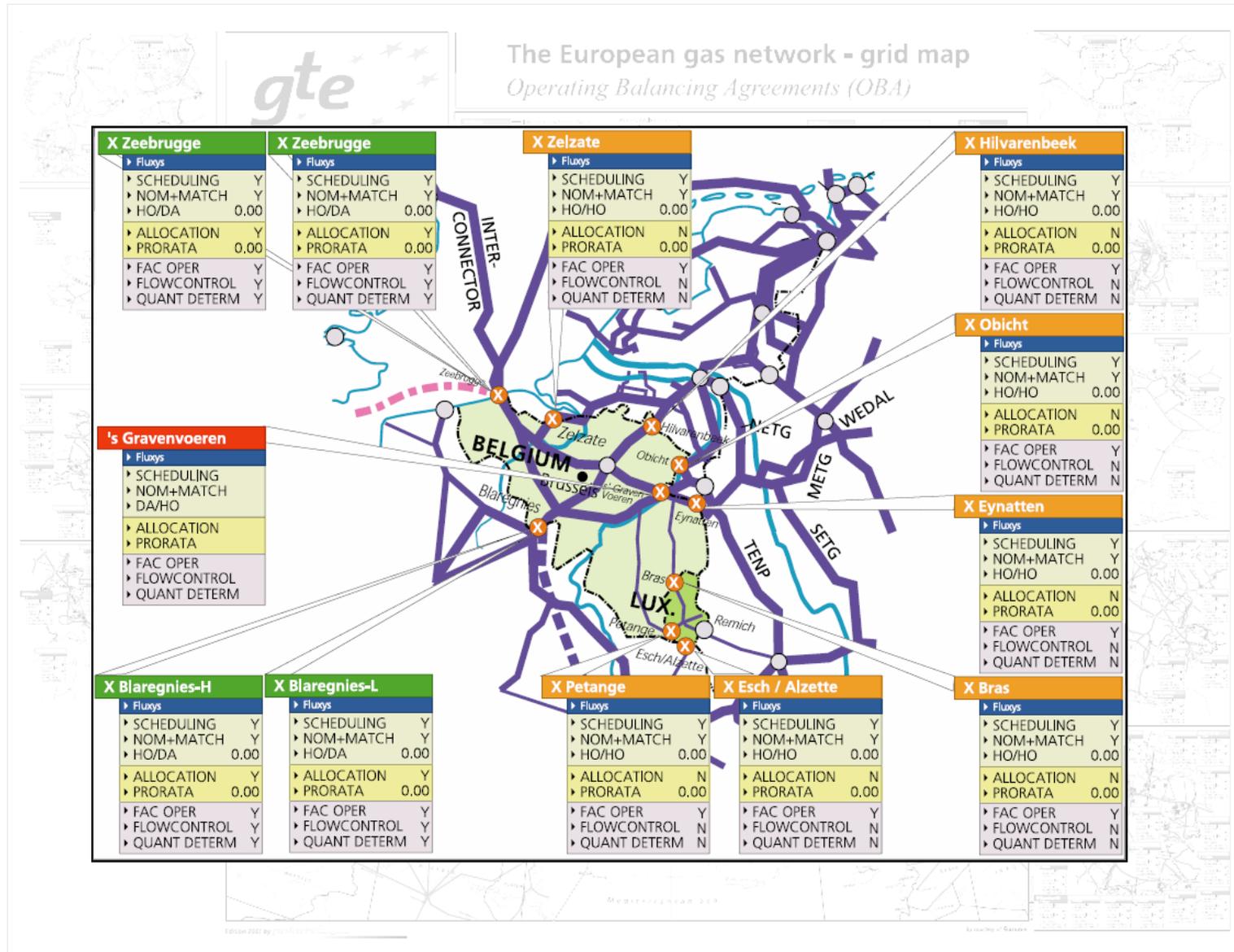
Evolution of GTE Ops Maps

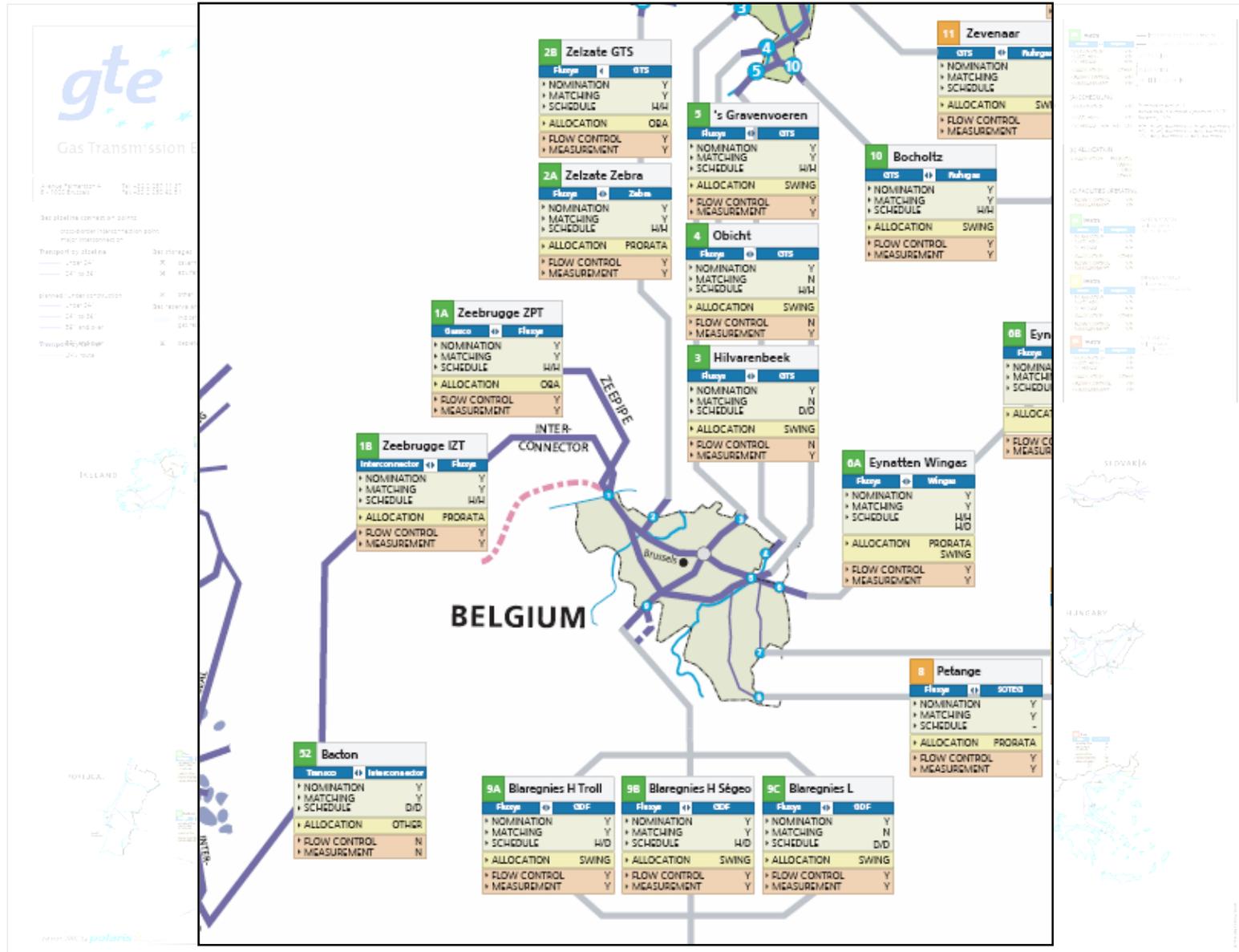
- Operational procedures Maps contain data related to
 - Nominations
 - Allocations
 - Balancing Regime
 - Flow Measurement

for all Interconnection Points (IPs) across Europe.

- Goal: make the data available to the market with a view to improving interoperability.









1A Zeebrugge ZPT – Interconnection Point

(N)  →  (B) – Operators, flow direction

▶ NOMINATION Y – Yes or No
 ▶ MATCHING Y – Yes or No
 ▶ SCHEDULE H/H – Daily/Daily, Hourly/Hourly or H/D

▶ ALLOCATION OBA – OBA, BS, Pro Rata or Mix
 ▶ FLOW CONTROL Y – Yes or No
 ▶ MEASUREMENT Y – Yes or No



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	

1 local items selected totalling 1117

Layers

All Current

<input checked="" type="checkbox"/> Transport by pipeline	<input checked="" type="checkbox"/> Transport by tanker
<input checked="" type="checkbox"/> under 24"	<input checked="" type="checkbox"/> LNG route
<input checked="" type="checkbox"/> 24" to 36"	<input type="checkbox"/> project
<input checked="" type="checkbox"/> 36" and over	<input checked="" type="checkbox"/> Gas reserve areas
<input type="checkbox"/> project	<input checked="" type="checkbox"/> Gas fields
<input type="checkbox"/> Gas storage facilities	<input checked="" type="checkbox"/> drilling areas
<input type="checkbox"/> LNG peak shaving	<input checked="" type="checkbox"/> Topography
<input type="checkbox"/> Acquirer	<input checked="" type="checkbox"/> Capitals
<input type="checkbox"/> Salt cavity - cavern	<input checked="" type="checkbox"/> River/Lake/shore

Properties : Nomination & Matching - Business Rules

1A Zeebrugge ZPT High	B1 - Single agreed IA or equivalent applicable at this IP that applies to the TSO's active at this point ?
Gassco (Norway)	1A_Fluxys Yes
Fluxys (Belgium)	1A_Gassco Yes



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Gas Infrastructure Europe OPERATIONAL PROCEDURES

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SELECT A WAYPOINT : 1A - ZEEBRUGGE ZPT

1A Zeebrugge ZPT High

FLUXYS Fluxys (Belgium)

GASSCO 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

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
 - Acquifer
 - Salt cavity - cavern
- Transport by tanker
 - LNG route
 - project
- Gas reserve areas
 - Gas fields
 - drilling areas
- 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