

# EASEE-gas



## European Association for the Streamlining of Energy Exchange - gas

*Madrid  
September 16,  
2005*

**Wim Groenendijk**  
Chairman EASEE-gas Executive Committee



- Progress made since last Forum
  - Approved CBP's
  - Implementation Monitoring
  - Ongoing work
- Gas Quality Harmonisation
  - CBP on Harmonisation of Gas Qualities
  - Way forward

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### Finalised to date:

- CBP 2003-01 Harmonisation of Units
- CBP 2003-02 Harmonisation of Nominations & Matching Process
- CBP 2003-03 EDIG@S
  
- CBP 2005-01 Harmonisation of Gas Qualities
- CBP 2005-02 Interconnection Agreement
- CBP 2005-03 Constraints Handling

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### CBP 2005-02 Interconnection Agreement

- This CBP describes the scope of an Interconnection Agreement to be established by two adjacent TSO's, describing how to facilitate interoperability of the grids.

### CBP 2005-03 Constraints Handling

- This CBP describes the operational procedures to be applied where constraints arise due to unforeseen restrictions in transmission capacity or due to off-specification gas properties.

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- EASEE-gas has now issued six CBPs and, in consultation with the Madrid Forum participants, has taken responsibility for monitoring the implementation of these CBPs.
- A survey of EASEE-gas Members took place in 2004 indicating the progress of implementation or existence of barriers of any kind. The results were presented in March and a report published on the EASEE-gas web site
- The 2005 survey is about to be launched, with the results planned to be available in November.

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### Gas Business Process Model

- A business process model is important for the scoping and development of CBPs
- First draft is planned for end of October 2005

### Codification and definitions

- Achieve a streamlining of codifications to be used in official message exchanges between gas market parties; and achieve harmonization of definitions and terms used in EASEE-gas context
- Intention is to produce draft CBP by end of 2005

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## **Common Business Practice for Harmonisation of Gas Qualities**

**Chris Crane**

Vice-Chairman EASEE-gas Executive Committee

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Madrid Forum VII (2002) identified the need for removing technical obstacles for interoperability of different natural gas qualities.

***Different requirements*** throughout Europe regarding natural gas quality are a ***potential and real barrier*** for the creation of an efficient European gas market.

Madrid Forum invited EASEE-gas to take the lead in discussions among stakeholders with the aim of streamlining interoperability for high calorific gases.

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CBP 2005-01 was approved by the EASEE-gas Executive Committee on 3 February 2005.

- The CBP recommends natural gas quality specifications at cross border points in Europe and describes recommended gas quality parameters, parameter ranges and an implementation plan.
- Natural gas arriving at cross border points in line with these proposed quality specifications can not be refused for quality reasons.
- The CBP does not in any way restrict parties at a cross border point in agreeing other specifications.

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### Application areas

High calorific gas without odorants

- European Cross Border points
- EU entry points
- LNG import terminals

Excluding areas of production and isolated systems where production, transportation and utilisation are combined.

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### Extensive industry consultation has taken place

Participating companies	37
Participating industry organisations	6
Represented countries	14

19 meetings over a 2 year period

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## The Gas Quality Harmonisation Common Business Practice



# marcogaz

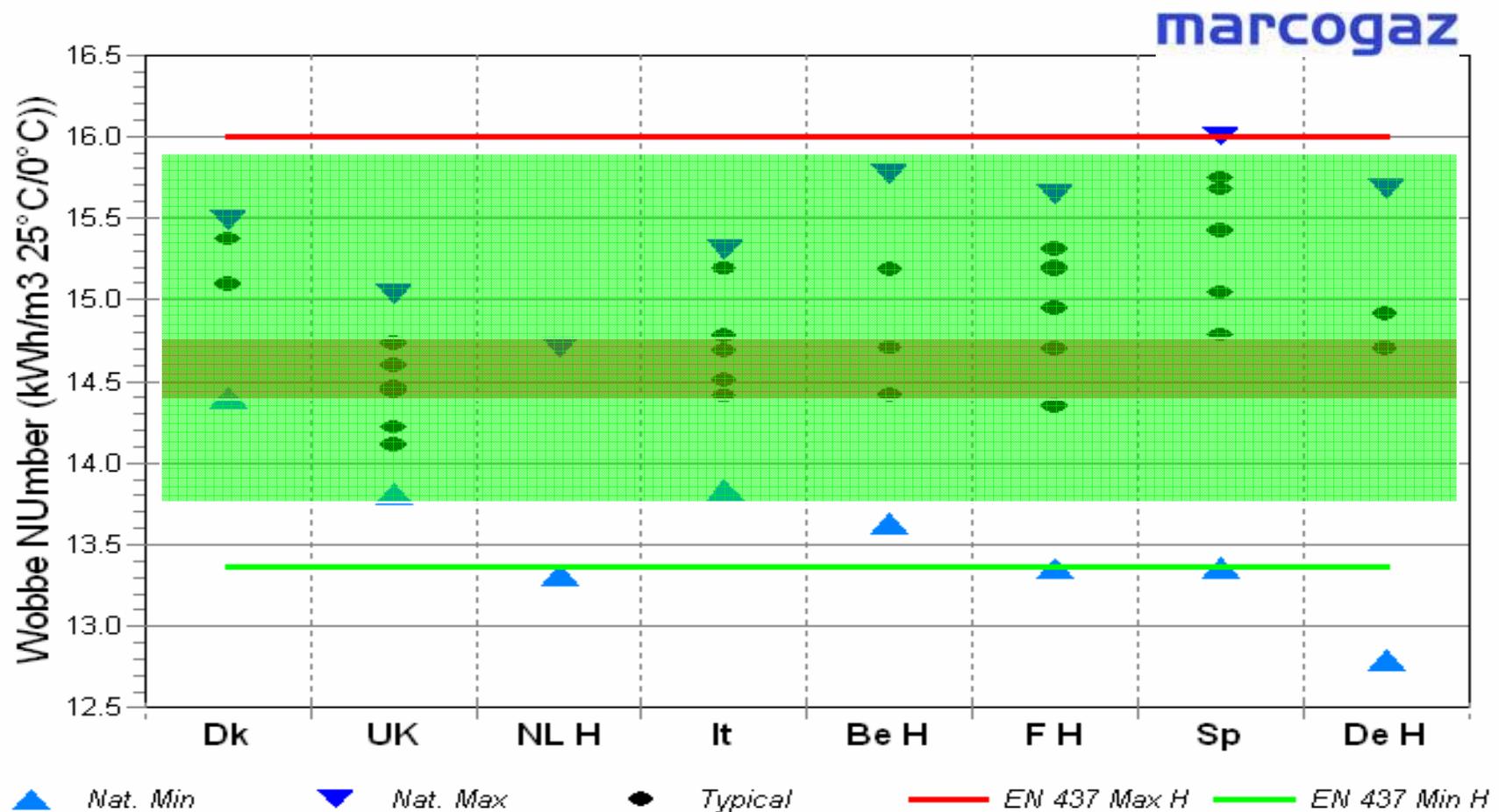
TECHNICAL ASSOCIATION  
OF THE EUROPEAN NATURAL GAS INDUSTRY

Technical advice received from Marcogaz, the Technical Association of the European Natural Gas Industry, reviewing the safety implications for household appliances in the interest of small consumers.

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## The Gas Quality Harmonisation Common Business Practice



### Approved parameters, values and ranges

Parameter	Unit	Min	Max	Recommended implementation date
WI	kWh/m <sup>3</sup>	[13.60]	15.81	1/10/2010
d	m <sup>3</sup> /m <sup>3</sup>	0.555	0.700	1/10/2010
Total S	mg/m <sup>3</sup>	-	30	1/10/2006
H <sub>2</sub> S + COS (as S)	mg/m <sup>3</sup>	-	5	1/10/2006
RSH (as S)	mg/m <sup>3</sup>	-	6	1/10/2006
O <sub>2</sub>	mol %	-	[0.01]*	1/10/2010
CO <sub>2</sub>	mol %	-	2.5	1/10/2006
H <sub>2</sub> O DP	°C at 70 bar (a)	-	- 8	See note **
HC DP	°C at 1 – 70 bar (a)	-	- 2	1/10/2006

\* EASEE-gas has organised an oxygen measurement survey, which by end of 2005 will examine the maximum feasible limit equal to or at an alternative specified value below 0.01 mol %.

\*\* At certain cross border points, less stringent values are used than defined in this CBP. For these cross border points, these values can be maintained and the relevant producers, shippers and transporters should examine together how the CBP value can be met in the long run. At all other cross border points, this value can be adopted by 1 October 2006.



### Implementation

Based on standard project lead times, EASEE-gas is of the opinion that the earliest implementation date of any parameter and associated value is **1 October 2006** for all Member States

However, implementation directly related to combustion properties (WI, d) and oxygen will not be reasonably feasible before **1 October 2010**

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- EASEE-gas came up with the CBP after extensive industry consultation
- Only limited participation of large industrial end users; safety of household appliances reviewed by Marcogaz in the interest of small consumers
- Now it is up to each Member State to assess the implications, and to identify any actions for implementation in the Member State
- Some Member States have already identified concerns, others have yet to start such assessment; e.g. UK and Spain have already identified some concerns that need to be addressed

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- Member States are requested to assess the implications for their country, and the actions to be taken for implementation, and inform EASEE-gas before the next Forum
- EASEE-gas will compile the information and present an overview at the next Forum
- EASEE-gas will ask Marcogaz to prepare an assessment on the technical work required, to be presented at the next Forum based on the information EASEE-gas receives.
- Marcogaz workshop on gas quality to be held in December (13 or 15)

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