

Press Release

EUROGAS Roadmap 2050: a realistic way to reach 80% less CO₂ emissions

Brussels, 13 October 2011 - At its Annual Conference, Eurogas showed how CO₂ emissions can be reduced dramatically and realistically in various energy related sectors in the EU, including power generation and industry and with a focus on the residential and services sector as well as transport.

The Eurogas Roadmap 2050, which achieves an overall reduction of CO₂ emissions in the sectors considered of 80% by 2050 compared with 1990, provides for flexibility and does not lock in any particular option.

The tools are:

- Energy efficiency
- Substitution of higher carbon fuels with gas and renewables
- Technological development
- Behaviour change

The Eurogas Roadmap also considers the specific capability of natural gas to act as an important enabler of zero-carbon renewables through to 2050.

From now to 2030, the high efficiency and low CO₂ emissions of gas, in heating and in power generation, will make a direct contribution to the reduction of CO₂ emissions in the EU. Gas demand is thus expected to increase to 544 bcm in 2030. Therefore, ensuring supply security by fostering relations with historical suppliers, pursuing diversification and implementing a well functioning internal gas market are essential for Europe.

As from 2030 and even if uncertainties are greater due to this distant future, using gas in combination with carbon capture and storage technology, will continue to play an important role. The market share of natural gas will rise from 26% in 2010 to 32% in 2050, whilst gas demand in absolute terms, together with all other fuels, will stand at lower level in 2050 than today.

Also raised at the Eurogas Annual Conference was the need for energy investments. The participants agreed that full implementation of the internal market throughout the EU, driven by market principles, is important. But it became clear, however, that other factors play a role, too:

- Greater certainty about future energy and climate policy
- Greater stability of the investment framework in order not to deter the necessary investments

In addition, Eurogas considers that the EU's external energy policy will be key to providing the political framework to securing supplies in global competition. In particular, it will help to provide important, non-discriminatory political support to companies' commercial activities. A clear message from the EU to the gas exporting countries that gas will be needed in the future will create security of demand and enhance their appetite to dedicate supplies to the EU.

EUROGAS is a Brussels based non-profit making organisation and has the following members:

AFG - Association Française du Gaz (FR), BDEW - Bundesverband der Energie - und Wasserwirtschaft e.V. (DE), Bord Gáis Éireann (IE), BOTAS* (TR), BP (UK), Bulgargaz* (BG), Centrica (UK), CPU - Czech Gas Union (CZ), DEPA (GR), Distrigas (BE), DONG Energy (DK), EDF - Electricité de France (FR), Edison (IT), EGL AG (CH), ENA - Energy Networks Association (UK), Energie-Nederland (NL), Energigas Sverige (SE), ENI (IT), ENOVOS Luxembourg S.A. (LU), E.ON Ruhrgas AG (DE), Febeg (BE), FGW - Fachverband der Gas- und Wärmeversorgungsunternehmen (AT), Galp Gás Natural s.a. (PT), Gas Natural Fenosa (ES), GasTerra (NL), Gasum (FI), GAZBIR* Natural Gas Distribution Companies Association of Turkey (TR), GDF SUEZ (FR), Geoplin (SI), GERG - European Gas Research Group (EU), HMN Natargas (DK), Latvijas Gaze* (LV), Lietuvos Dujos* (LT), Marcogaz (EU), MGE - Hungarian Gas Association (HU), Naftogaz of Ukraine* (UA), OMV Gas and Power GmbH (AT), PGNIG - Polish Oil and Gas Company (PL), Romgaz* (RO), Russian Gas Society* (RU), RWE Supply & Trading GmbH (DE), SEDIGAS - Asociación Española del Gas (ES), SHELL Energy Europe Ltd. (UK), South Hook Gas Ltd (UK), Slovenský plynárenský priemysel, a.s. (SPP) (SK), Swiss Association of Gas Industry (CH), Swissgas (CH), Synergrid* (BE), Total S.A. (FR), VNG AG - Verbundnetz Gas AG (DE)

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