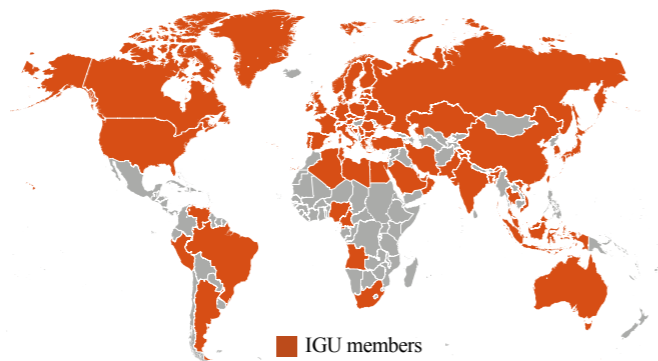


## IGU

The International Gas Union is a worldwide non-profit organisation aimed at promoting the technical and economic progress of the gas industry. The Union has more than 100 members worldwide on all continents. The members of IGU are national associations and corporations of the gas industry. IGU's working organisation covers all aspects of the gas industry, including exploration and production, storage, LNG, distribution and natural gas utilisation in all market segments. IGU promotes technical and economic progress of the gas industry emphasising environmental performance worldwide. For more information, please visit [www.igu.org](http://www.igu.org)



## International Gas Union (IGU) Mitigation of Climate Change



## The Contribution of Natural Gas Towards a Sustainable Energy Future

## COP15 Gas Event organised by the IGU

Sunday 13 December 2009, 1500-1815 hrs

- Lumbye Concert Hall, Tivoli
- Buffet dinner at 1815 hrs
- Free access to Tivoli's Christmas Market

## PROGRAMME



### International Gas Union

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## Registration

Please register to the IGU event by confirming the names (Mr/Ms, firstname/family name), organisation/company and titles of all your delegates by email by Friday 20 November 2009. The registration should be sent to: [igusecr@statoil.com](mailto:igusecr@statoil.com)

**For further details, please do not hesitate in contacting the IGU Secretariat in Oslo, Norway:**

- Mr Erik Gonder, Advisor & Press Contact, at + 47 22 53 63 82 or [ergon@statoil.com](mailto:ergon@statoil.com)
- Ms Florijana Đedović, Assistant to the Secretary General, at + 47 22 53 80 89 or [fde@statoil.com](mailto:fde@statoil.com)

Please also note that we have to limit the number of participants to the event, and registration is therefore recommended as soon as possible. Confirmation of registrations will be sent you by email from the IGU Secretariat.



Sponsored by:



090054 IGU 2009, Photo: [www.energypicturesonline.com](http://www.energypicturesonline.com), Heige Hansen/Statoil.



The energy industry finds itself at the intersection of the world's most pressing dual challenge: to strike the balance between development and climate change. Being the most environmentally friendly fossil fuel, natural gas can make a major contribution towards a sustainable energy future.



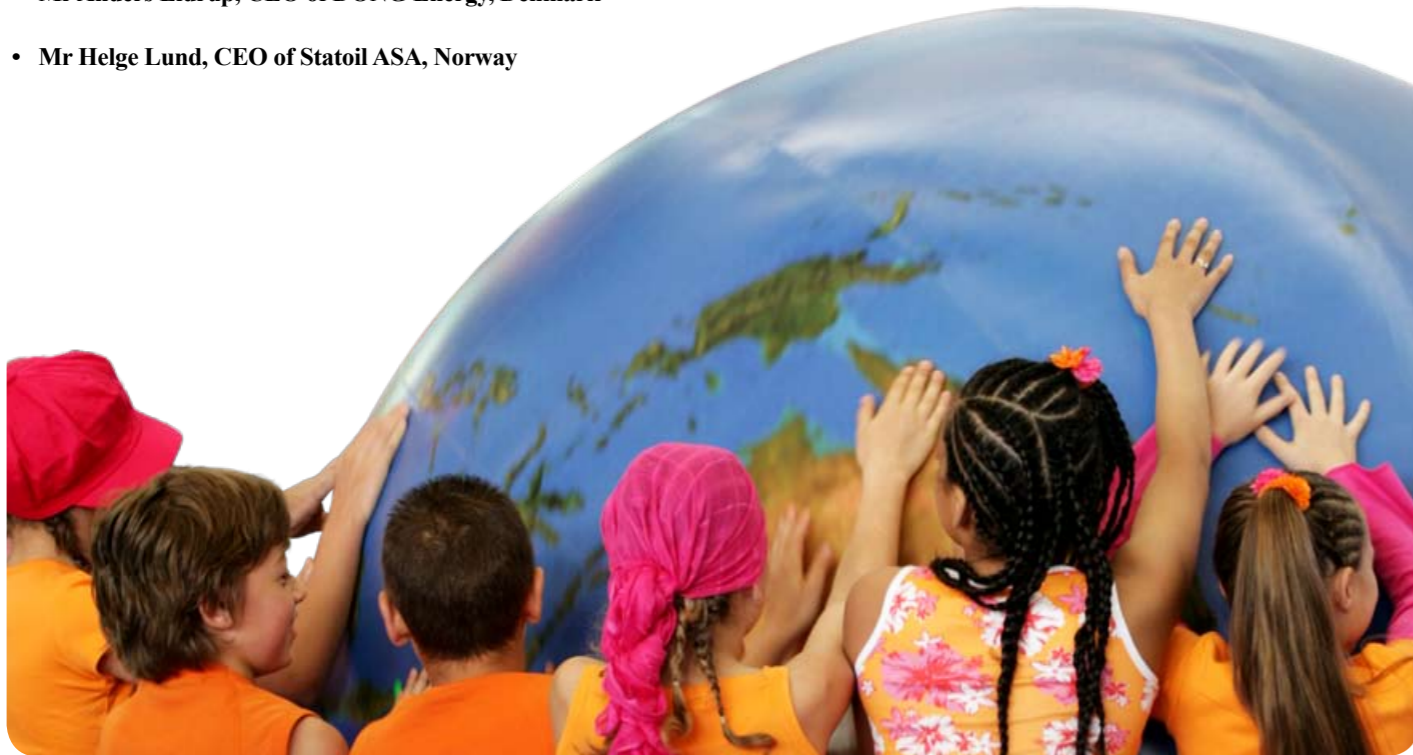
## The purpose of his event is to highlight the role of natural gas in climate change mitigation.

IGU and its partners are therefore pleased to invite you to this event with specially invited guest speakers such as

- Mr Nobuo Tanaka, Executive Director, IEA
- Mr Jos Delbeke, Deputy Director General of EC-DG Environment, European Commission
- Mr Todd Stern, Chief Negotiator, US delegation to COP 15
- Mr Wei Su, Director General, Department of climate change, National Department and Reform Commission (NDRC), People's Republic of China (P. R. China)
- Mr Anders Eldrup, CEO of DONG Energy, Denmark
- Mr Helge Lund, CEO of Statoil ASA, Norway

By focusing on important short and long term aspects of the use of natural gas towards a sustainable energy future, IGU wants to make COP 15 delegates and decision-makers aware of the role that natural gas can play in a future low carbon society. The gas industry wants to take an active part in the development of the solutions and create arenas for dialogue.

This IGU gas event will gather representatives from the various delegations to the United Nations Framework Convention on Climate Change (UNFCCC) in Copenhagen. Also leading key players in the energy industry will provide the audience with recent developments within areas where natural gas can make a difference.



## PROGRAMME

1400 hrs: Registration opens

### Part 1: Global Outlook

1500-1505:

Opening by Mr Torstein Indrebø, Secretary General of IGU

1505-1525:

**Copenhagen: an opportunity to move towards a cleaner and sustainable energy future**

*Climate change is a complex issue where policymakers need an objective source of information about the causes of climate change, its potential environmental and socio-economic consequences and the adaptation and mitigation options to respond to it. The world is now looking to Copenhagen where the aim is to establish a solid framework for the future.*

- Mr Nobuo Tanaka, Executive Director, IEA (invited)
- Mr Jos Delbeke, Deputy Director General of EC-DG Environment, European Commission

1525-1545:

**Climate policy of the Obama administration**

*The Obama administration has announced a shift in policy of the United States as regards cooperation with major developing countries in order to progress in the climate talks.*

- Mr Todd Stern, Chief Negotiator, US delegation to COP 15 (invited)
- Mr Paul Wilkinson, VP of Policy Analysis, American Gas Association

1545-1555:

**The role of natural gas in the climate policy of the P. R. China.**  
*China, the world's most populous country, has been developing at lightning speed. Consequently, China's efforts in future climate mitigation will be of utmost importance to the world society.*

- Mr Wei Su, Director General, Department of climate change, National Department and Reform Commission (NDRC), People's Republic of China (invited)

1555-1615:

Questions and comments

### Part 2: Industry Perspectives

1615-1625:

**Natural gas and renewables**

*Natural Gas makes an effective contribution to meeting emissions targets when used to replace other fossil fuels. It can also be used as a back up fuel in combination with renewable sources such as hydro, wind, solar and bio fuels. How can the energy companies help "paint the future" in this arena?*

- Mr Anders Eldrup, CEO of DONG Energy, Denmark.

1625-1645:

**Energy efficiency and Carbon Capture and Storage (CCS): which tools can the gas industry provide?**

*Fossil fuels such as oil, gas and coal will be dominant energy sources for decades to come and therefore the industry will have to take actions regarding greenhouse gas emissions. Energy efficiency and CCS are among the most important and promising long-term measures for reducing carbon emissions globally is CCS.*

- Mr Helge Lund, CEO of Statoil ASA, Norway
- Ms Manoelle Lepoutre, Senior Vice President, Sustainable Development, TOTAL, France

1645-1705:

Coffee break

1705-1715:

**Natural gas as a transport fuel**

*Enhanced use of Natural Gas Vehicles (NGVs) will reduce global greenhouse gas emissions. In large cities the use of NGVs also have a positive impact on local air quality as NGVs emit less NOx and particulates and they are also quieter. With increasing efficiency of natural gas engines, the environmental benefits are set to improve further.*

- Mr Shri B C Tripathi, Chairman & MD, GAIL, India

1715-1725:

**Development of shale gas discoveries: huge potential in emission reductions**

*The enormous amounts of new gas 'discoveries' in the US are bringing major opportunities to reduce emissions through technologies that can be implemented today.*

- Mr/Ms BG Group, UK

1725-1735:

**Lifecycle perspectives**

*The lifecycle perspective is tracking all activities which directly or indirectly emit greenhouse gases from primary energy extraction to the energy output. Along the energy flow, emissions and other environmental impacts can occur in every step of the cycle, depending on the technology and fuel characteristics.*

- Mr Stephan Ramesohl, Head of Research and Development of E. ON Ruhrgas, Germany

1735-1805:

**Panel discussion, questions and comments**

*All speakers are invited to participate in the panel discussion.*

- Moderator: Datuk Abdul Rahim Hashim, President of IGU

1805-1815:

**Closing by Mr Torstein Indrebø, Secretary General of IGU**

- Buffet dinner, sponsored by DONG Energy
- Free Entrance to Tivoli's Christmas Market, sponsored by DONG Energy

