

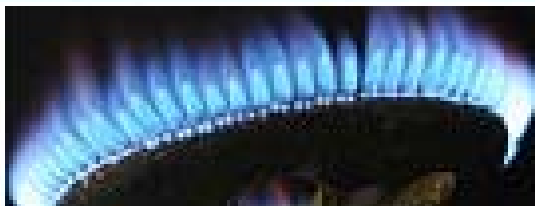


International Gas Union



COP16

International Gas Union (IGU) and Worldwatch Institute present
"The Role of Natural Gas in a Low-Carbon Economy"
A Symposium at the United Nations' Climate Change Conference in Cancun



Ho Sook Wah
Chairman, Coordination Committee
5 December 2010, Cancun, Mexico



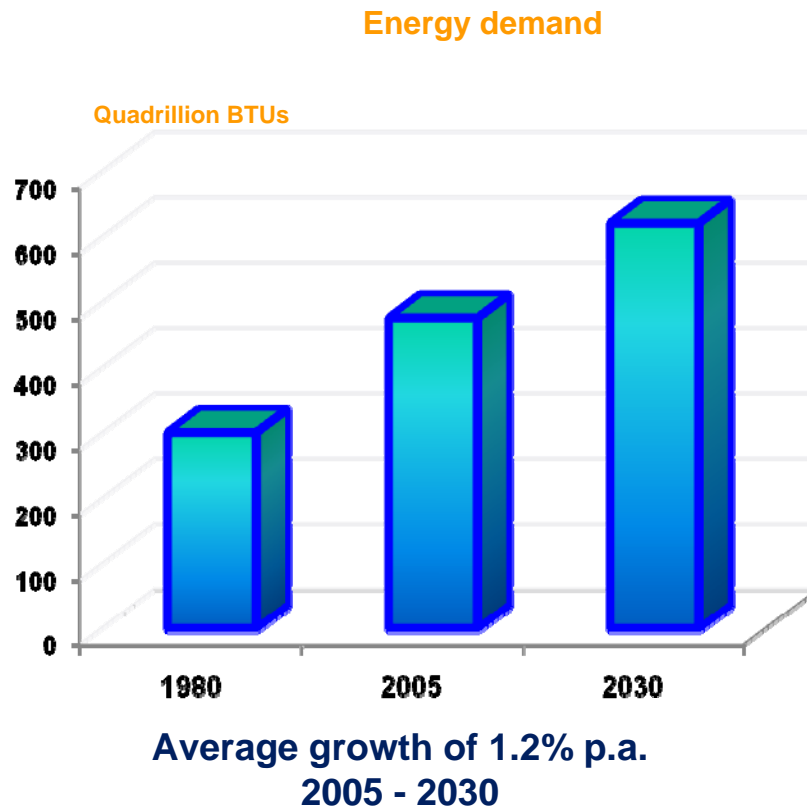
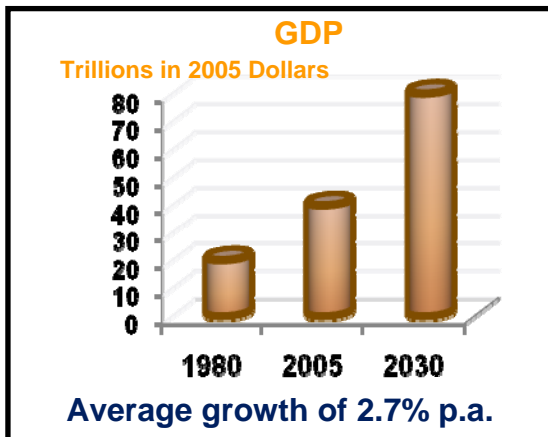
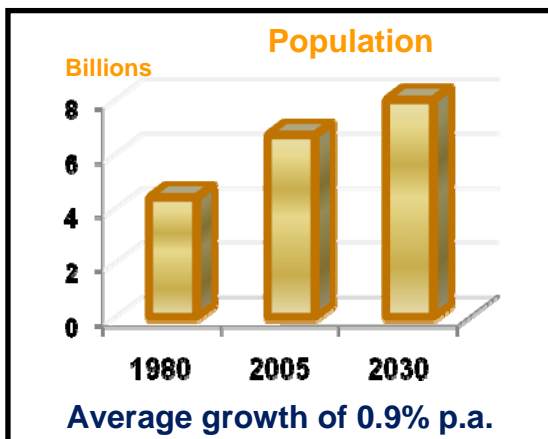
IGU is the spokesman for the gas industry



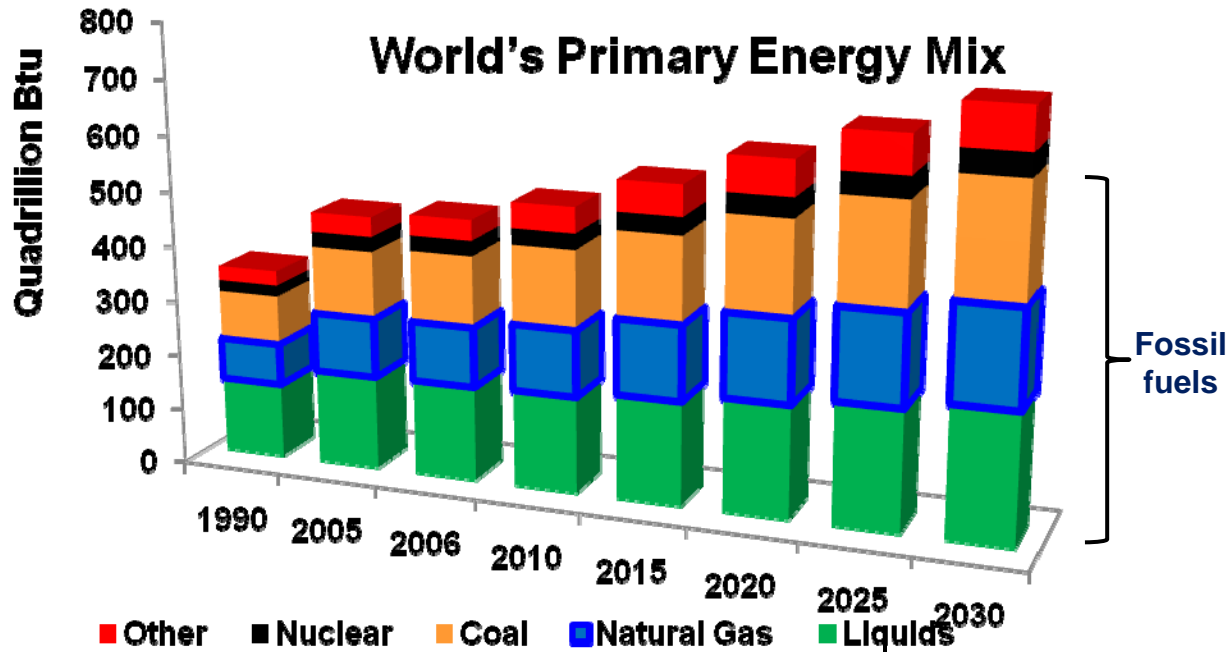
- **Worldwide and non-profit organisation established in 1931**
- **Promotes technical and economic progress of the gas industry**
- **Emphasising sound environmental performance worldwide**
- **Increased focus on strategic and policy issues**
- **Cooperation with IEA, United Nations, World Bank, IEF and others**



Energy demand is expected to grow in the future



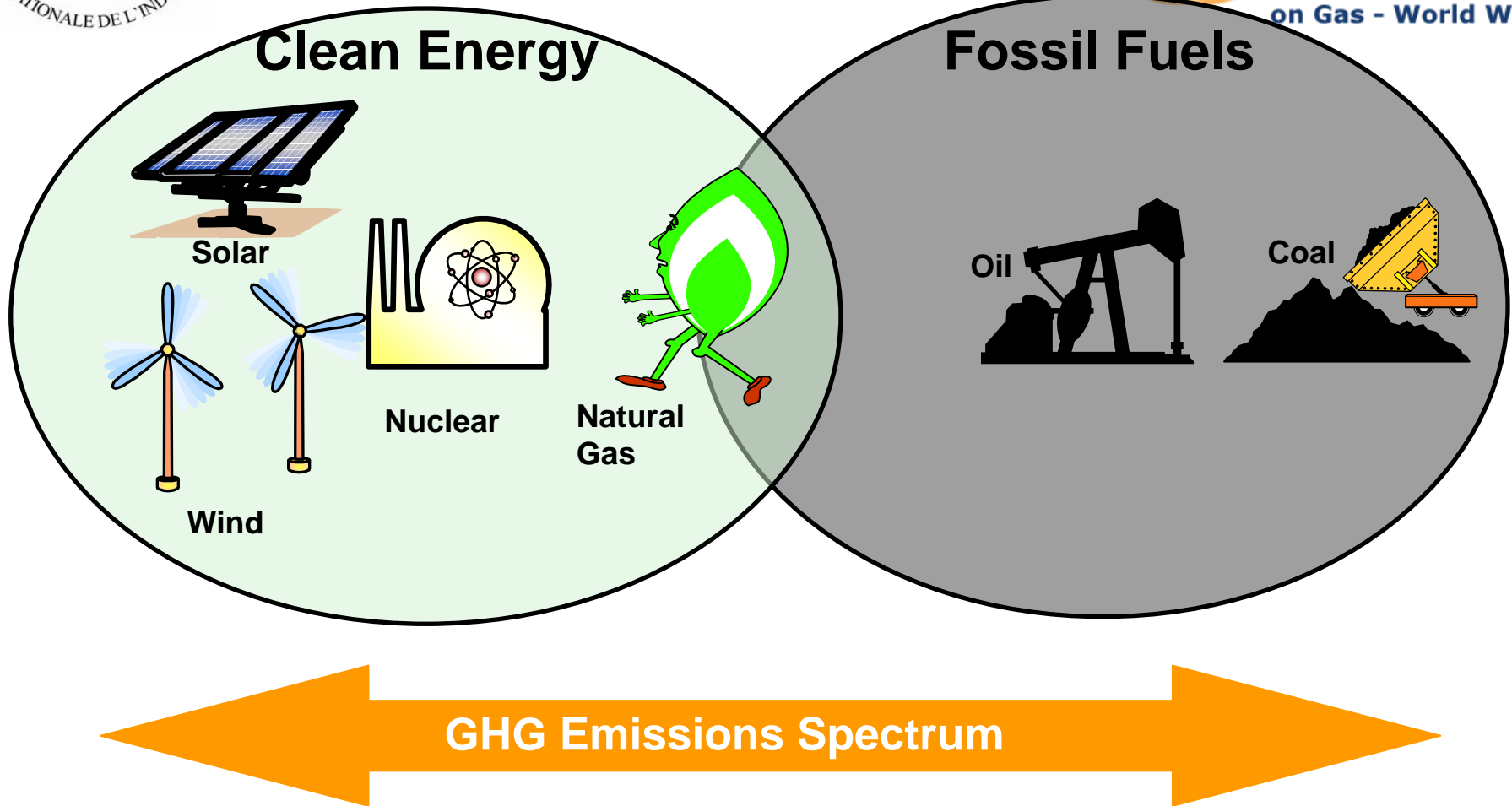
Fossil fuel will still be the dominant fuel in 2030



Source(s): EIA/IEO 2009, PETRONAS 2009, ExxonMobil 2009

- Natural gas is the fastest growing energy source
- By 2030, global gas demand will be 55% higher than in 2005!







Natural Gas CARES for the world



Clean

Natural gas is clean.

Natural gas produces less nitrogen oxide than coal, and more than 50% less CO₂. Gas produces no sulphur and no solid waste.

Natural gas promotes sustainable transport.

Natural gas vehicles can improve air quality and energy efficiency in large cities.

Affordable

Natural gas is the affordable choice.

Modern gas-fired plants have a capital cost that is half that of coal, one-third the cost of nuclear and one-fifth the cost of onshore wind.

Natural gas does not require subsidies.

Unlike heavily subsidized renewable technologies, natural gas use allows countries to affordably reduce their emissions.

Reliable

Natural gas is available now.

Gas is readily available from a variety of sources, both pipeline and LNG. The environmental benefits of gas can be realized immediately.

Natural gas is flexible.

Gas can serve as a flexible partner in power generation for intermittent energy sources like wind and solar, facilitating the phase-in of renewables.

Efficient

Natural gas is efficient.

Modern gas-fired power plants are 40% more efficient than coal plants.

Natural gas saves time.

Gas-fired plants require less construction time than nuclear or coal plants.

Secure

Natural gas is abundant.

Global production will increase over the next 20 years, with growing supplies from both conventional and unconventional resources.

Natural gas is safe.

The natural gas sector has the best safety record in the industry.





A robust & climate-friendly Energy Policy needed



- Enhance energy efficiency and savings
- Increase the use of gas in power generation
 - Gradually replace coal with gas
- Phase in cost effective renewable energy
- Develop Carbon Capture and Storage technology

➔ *Pick the "low-hanging fruits" first!*



Message to policy makers and regulators



Policy-makers and regulators:

- Give natural gas the role it deserves in the energy future
- Give clear signals to the industry

 ***Gas: Part of the long term energy solution***





The 25th World Gas Conference



**“GAS : SUSTAINING FUTURE
GLOBAL GROWTH”**

**Kuala Lumpur Convention Centre
4 to 8 June, 2012**

www.wgc2012.com/, www.igu.org/



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**THANK YOU FOR YOUR KIND
ATTENTION !**