



25th world gas conference
"Gas: Sustaining Future Global Growth"

A natural choice for a sustainable future

Jean-Marie Dauger

Executive Vice-President, GDF SUEZ



Patron



Host

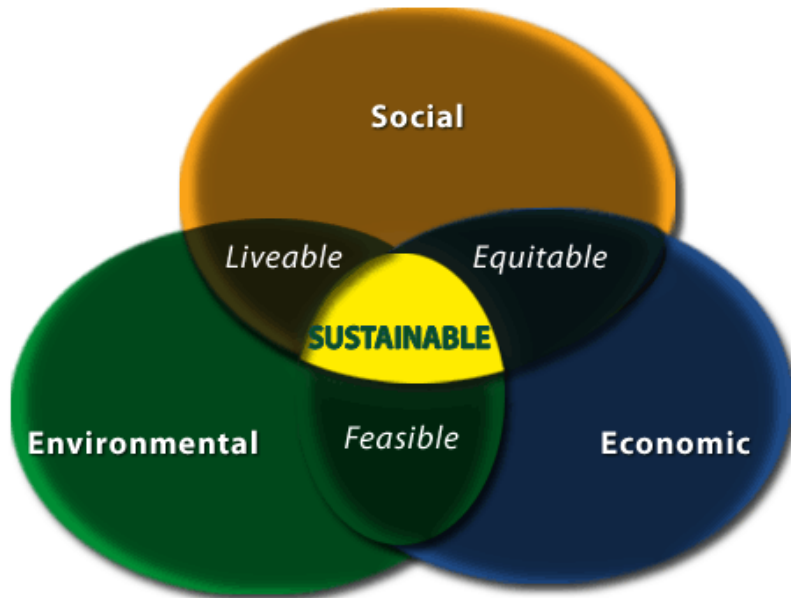


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Sustainable development

A key commitment for GDF SUEZ



The Underground gas storage facility of Gournay-sur-Aronde, France

“Sustainable development is the kind of development that meets the needs of the present without compromising the ability of future generations to meet their own needs”

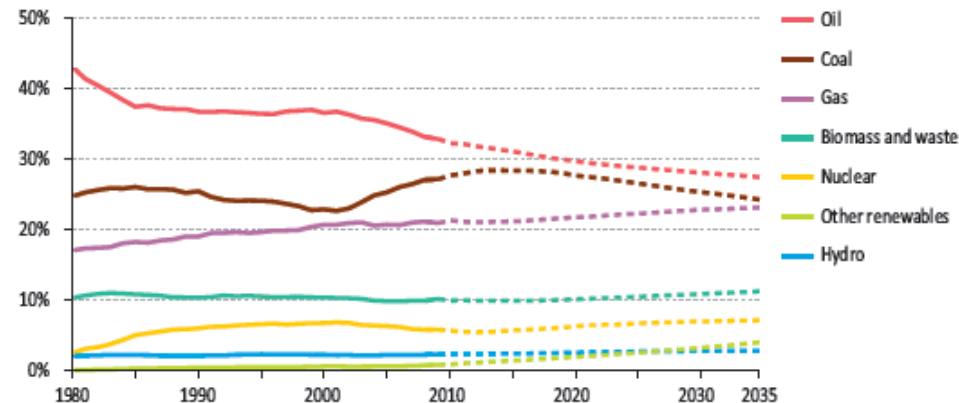
(United Nations – World Commission on Environment and Development)

World energy demand

Deep evolutions in an uncertain environment

- Growth shifting from OECD to non-OECD countries
- Increasing market share of gas & renewables in the world energy mix
- Structural increase in uncertainties
- Transition towards a low-carbon economy

Shares of energy sources in world primary energy demand in the IEA New Policies Scenario



Security
of supply



Sustain-
ability



Competi-
veness

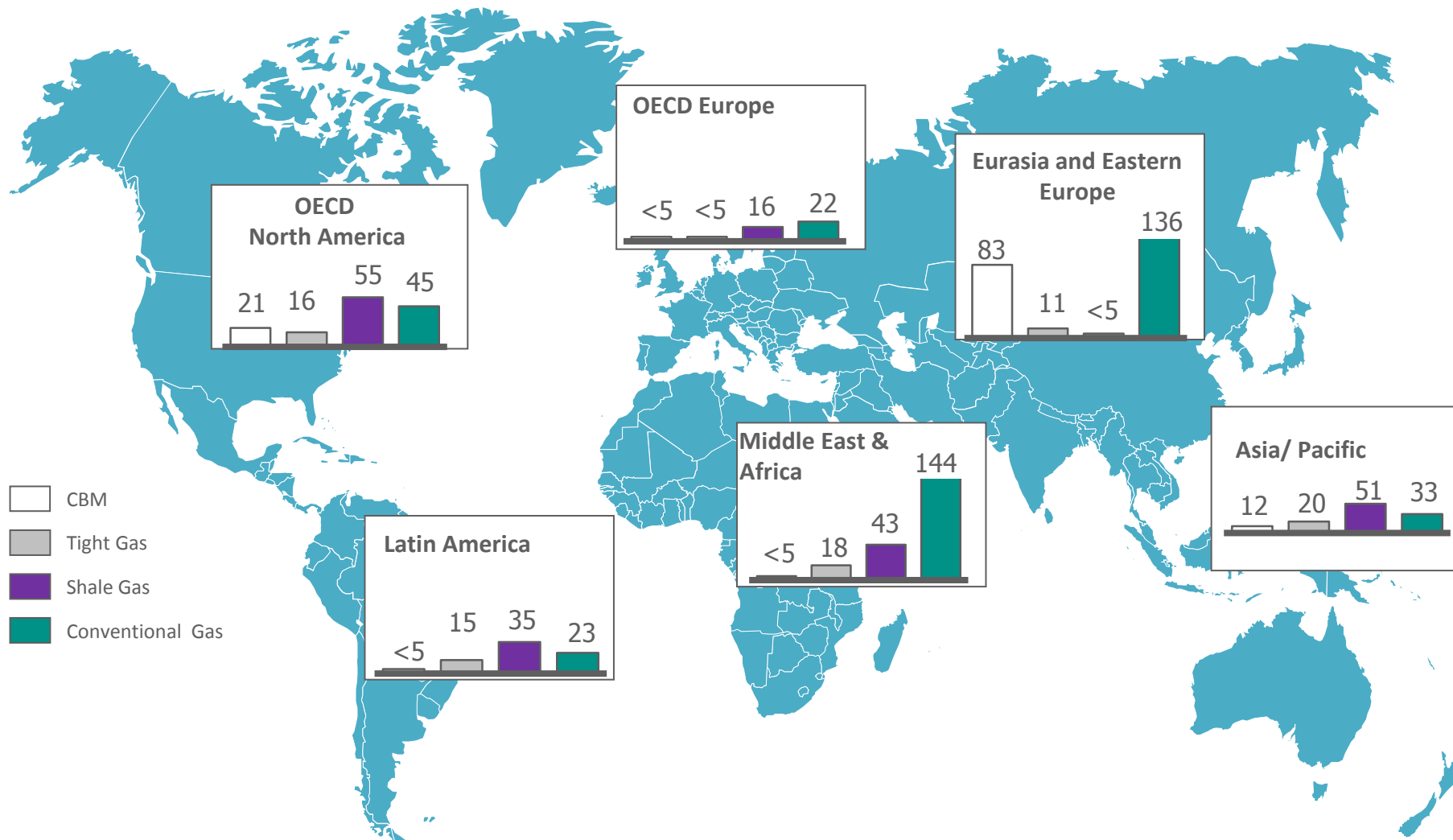


Sustain-
able
energy
policy

Gas resources

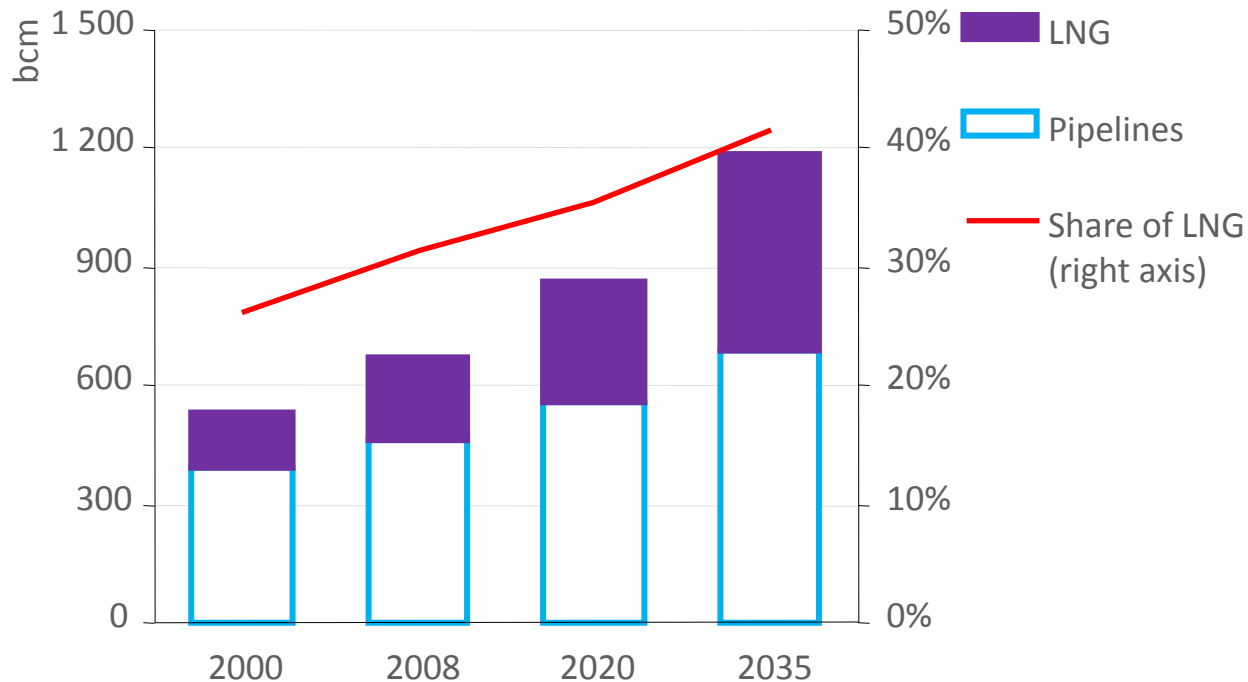
Lifetime ~250 years with unconventional gas.

Recoverable resources by region (Tcm)

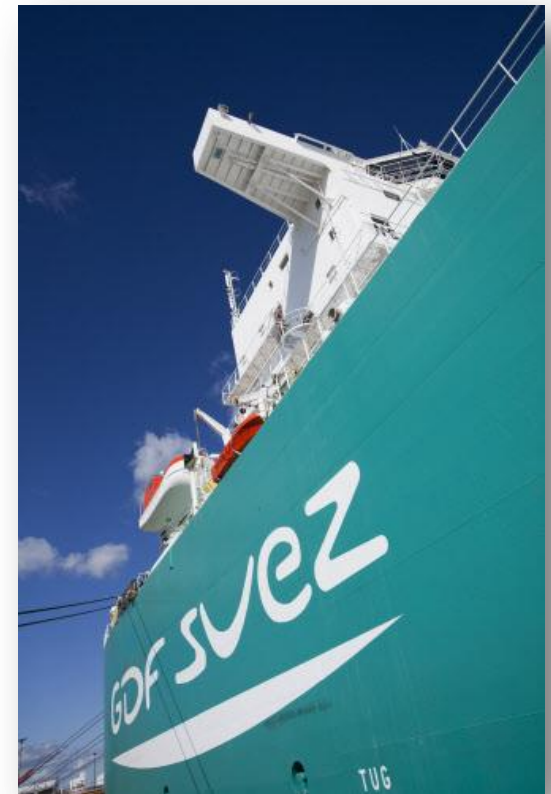


LNG

Contributing to security of supply



More than 40% of global natural gas inter-regional trade could be in the form of LNG in 2035.

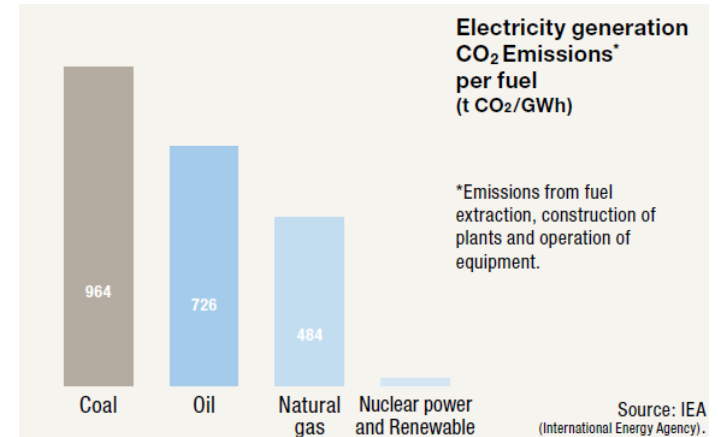


The LNG ship GDF SUEZ Global Energy

Natural gas

The energy of choice for a low carbon economy

- Low CO₂ emission – High efficiency
- Flexible & complementing renewables
- Further innovations to come
- Economic
 - High capital performance
 - CCG are quick to build



GDF SUEZ, CCGT Herdersbrug, Belgium

Optimized pathways to achieve CO₂ reduction targets by relying on natural gas.

Lower costs to households⁽¹⁾

€150-250 lower annual cost of power per household



Profits in energy intensive industries⁽¹⁾

5-10% decrease in profit margins will be avoided driven by energy price increases in alternative renewables-heavy scenarios



Jobs in energy intensive industries

20-25 mln jobs will not be affected by higher energy costs in energy intensive industries



Consolidated investments

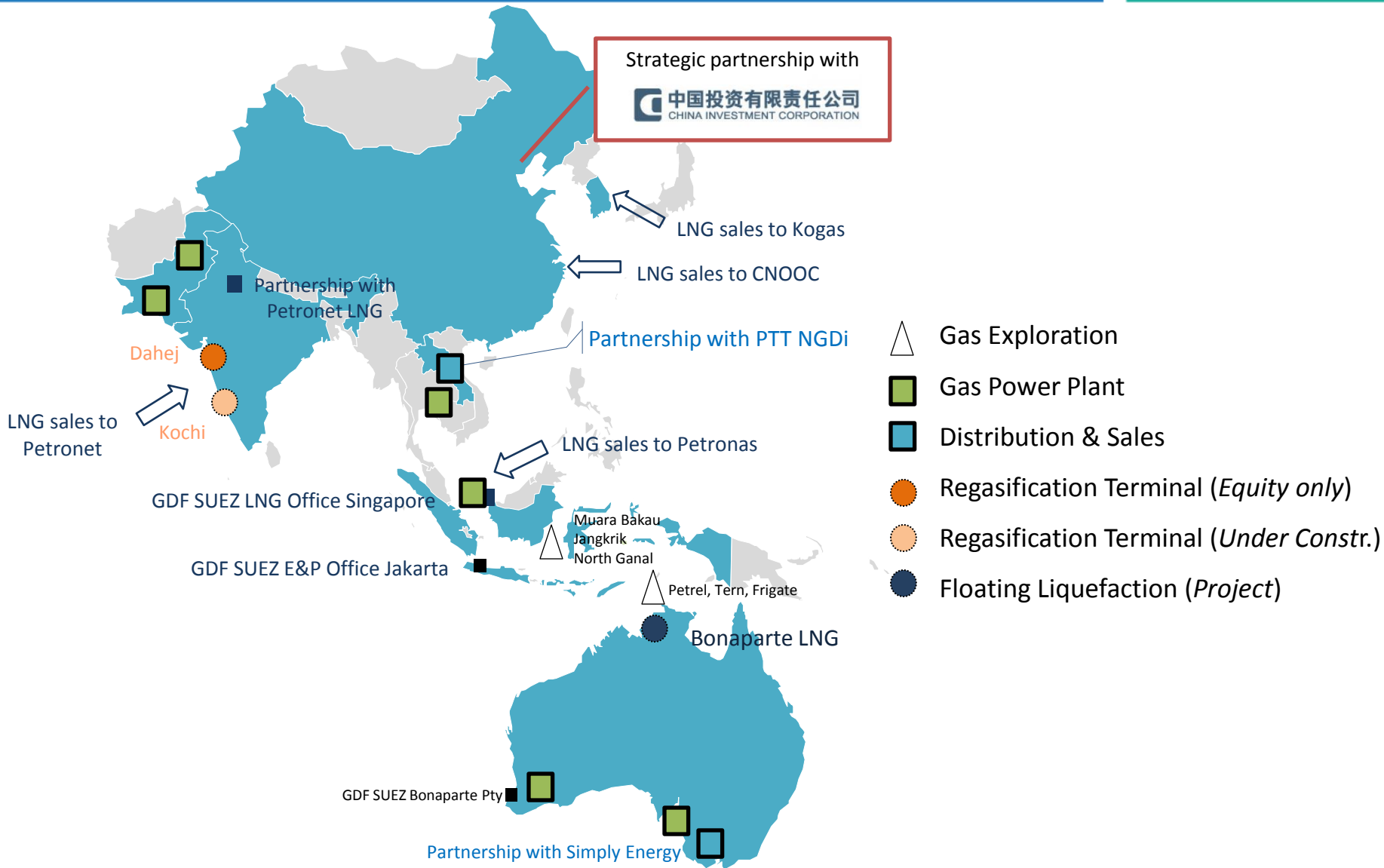
Up to € 450-550 bn lower required investments in 2010-30 compared with renewables intensive pathways, with further savings potential in 2030-50



⁽¹⁾ Includes direct and indirect effects of lower costs in power generation 60%-RES pathway (Numbers are not additive)

⁽²⁾ Compared with ECF Roadmap 2050

GDF SUEZ in Asia-Pacific





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