



Friday – 22nd March
9.00 – 10.40 – Room A

SOCIAL RESPONSIBILITY IN FRONTIER AND MATURE AREAS

ACCESS TO ENERGY: INTEGRATED E&P CASE HISTORIES

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Abstract:

eni and Sustainability

eni is an integrated company that operates throughout the energy sector, employing about 80,000 people in 79 Countries all over the world. It considers sustainability a driver in the process of continuous improvement that guarantees results over time, while reinforcing its business performance and reputation.

Access to energy and Africa

eni is actively committed to fighting energy poverty, one of the biggest obstacles to social and economic development in many of the Countries it operates in. Thanks to its integrated business model, eni designs and implements production and distribution programs for electricity produced in gas-fired plants. In some areas it is not possible to sell or exploit the associated gas in the local market and so it would be flared, wasting a valuable energy resource. Through these and other initiatives eni pursues multiple objectives, from the consolidation of relations with oil-producing Countries to the optimal use of available energy resources and the reduction of greenhouse gas emissions.

In Nigeria and in the Republic of Congo, 50% and 62% respectively of the population has no access to electricity due to the lack of power generation plants and distribution infrastructures (source IEA). These and others countries in Sub-Saharan Africa represent the paradox of being major energy producers while suffering from energy poverty. This situation is compounded by the fact that the gas associated with oil production is often flared with a significant negative impact on both the local and the global environment.

eni, through its e&p division, was the first International Oil Company in Africa to invest in power generation using associated gas, becoming the leading producer of electricity among energy companies. eni has implemented major electricity generation projects in Nigeria and Congo and they meet approximately 20% and 60% respectively of the electricity production in these countries with high levels of energy poverty.

Based on its positive experiences in Nigeria and Congo, eni drew up agreements with other Countries, such as Mozambique, Ghana, Togo and Angola, to replicate the model of associated gas utilization and in order to assess the local needs for other electrification initiatives through different technologies.

In Nigeria and Congo, in addition to the Independent Power Plant Projects related to the elimination of the flared gas, eni also supplies energy to the local communities by extending the existing low-voltage network, or by constructing special off-grid systems.