

“Capacity Building and Strengthening Institutional Arrangement”

Workshop: Quantitative risk assessment of oil and gas plants

**Working Group n°. 2**

**“Implementation of Best Available Technologies (BAT) referring to main environmental issues of available gas industries”**

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## Objective

**Taking into account a specific Egyptian Oil and Gas plant of your knowledge, as an example, define for that plant and for year :**

## Activities

### **1<sup>st</sup> phase: Green House Gas (GHG) and Pollutants Inventory**

GHG (only CO<sub>2</sub> and CH<sub>4</sub>) and Pollutant charges produced in Oil and Gas extraction, combustion, refineries (industrial process), and transportation have to be indicate to prepare an annual inventory for the whole plant.

In this context, direct and indirect emissions (related also to external production of steam and electricity) have to be considered for a better identification of the produced emissions

### **2<sup>nd</sup> phase: BAT & TECHNOLOGIES**

Implementation of BAT and relative Technologies for the limitation of GHG and Pollutant charges at the limits defined in the National Laws/Directives/Norms and/or in the Kyoto Protocol