

“Capacity Building and Strengthening Institutional Arrangement”

Analysis and sampling of air and air pollution

Working group n° 1
**“Integrated National System for Air
Pollution”**

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Integrated National System for Air Pollution

Objective:

With the aim to improve the quality of air emission inventory especially in the framework of the Climate Change Convention, Parties should undertake the actions to develop a national emission inventory system, National System, which involves and attributes specific roles and responsibilities to the different institutions which should collect and communicate basic data or provide estimates necessarily and timely for the Greenhouse gas inventory compilation.

As required by article 5.1 of the Kyoto Protocol, Annex 1 Parties shall have in place a National System by the end of 2006 at the latest for estimating greenhouse gas emissions and removals and for reporting and archiving inventory information according to the guidelines. In a post Kyoto scenario this requirement could be extended to the non-Annex 1 Parties, including Egypt.

At the same time a national emission inventory system is very useful to improve the quality of data for other pollutants different from GHG.

A National System includes a Quality Assurance/Quality Control plan identifying the main relevant planned improvements of the emission inventory.

Integrated National System for Air Pollution

Activities:

1st phase: Discussion about availability of basic inventory information in Egypt, such as National Energy Balance, statistics on transportation, economical activities data, possible studies or databases of emission measurements and emission factors; discussion about existing institutional arrangements for the inventory preparation and possible improvements involving national and local authorities and Ministries.

2nd phase: Design an improved national air emission system involving and attributing specific roles and responsibilities to the different institutions which should cooperate in preparing the inventory individuating time requirements for project development, human resources needed and their approximate costs.

Define a draft quality control protocol;

Determine national and local administrators of the network.

3rd phase: Final presentation and discussion about working group's activities..