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Air Quality Management Project, Dhaka, Bangladesh, 2006

Seminar on conclusions from Mission 1 Dhaka 26 January 2006

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1 Introduction

Our overall assessment of the Air Quality Monitoring Programme in Dhaka was undertaken through a two-week visit to Dhaka (Mission 1), undertaken from 16 to 27 January 2006. Its main purposes were to meet a range of project participants and to gather information about the ongoing activites at AQMP.

The presently operated monitoring and AQM systems, tools and technologies were introduced and discussed during the visits with working level as well as senior/management personnel. The AQMP project design, reports and deliverables were collected and read.

Based on the scope of work described in the ToR the work performed during Mission 1 was divided into 7 tasks:

- Task 1, Monitoring sites and site selection
- Task 2, Database for air quality and meteorological data
- Task 3, Data management, analysis and report preparation
- Task 4, Terms of references for small and medium enterprises
- Task 5, Updating the training plan for AQMP/DoE staff
- Task 6, Emission inventory (EI) database for Dhaka city
- Task 7, Dispersion Modelling for Dhaka

A summary of results and findings during the two week Mission to Dhaka was presented in the seminar held at DoE on 26 January 2006.

The general impression after Mission 1 in Dhaka is that AQMP need a fair amount of support to start the "road to an Air Quality Management System". The training that has been provided was limited to the operation of a few instruments: The remaining elements of a total air quality assessment and management programme were totally lacking.

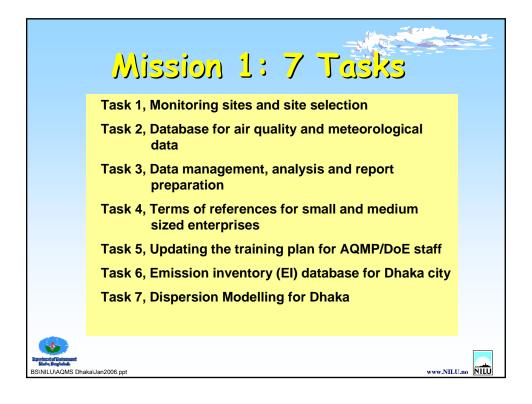
We have in this report answered to the tasks and obligations outlined in the Terms of Reference from the World Bank. We feel there is still a long way to go. We have given the AQMP staff some tools to start on this road. However, a sustainable air pollution institution in Bangladesh will also depend on decisions made by the authorities to establish a permanent air quality division within DoE. The slides presented are shown in the Appendix.

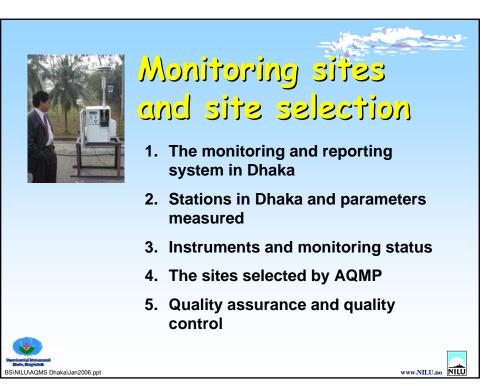
Appendix A

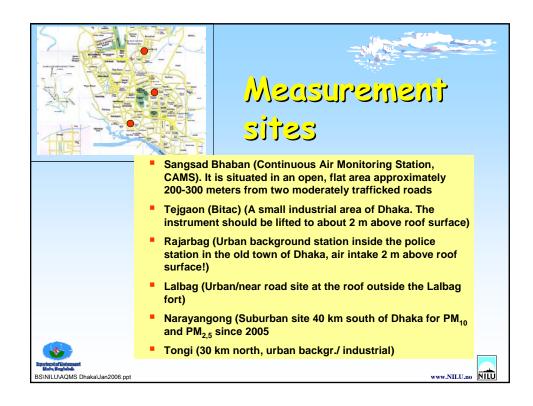
Presentations given at a seminar at the end of Mission 1

Dhaka 26 January 2006









Air Quality Indicators



The pollutants that are monitored at CAMS since April 2002 are as follows:

- ✓ Particulate Matter (PM₁0 and PM₂5)
- √ Carbon monoxide (CO)
- ✓ Oxides of Nitrogen (NO₂ and NO)
- Sulphur Dioxide (SO₂)
- ✓ Ozone (O₃)

Meteorology (ff, dd, ww, T, RH,p, Rad. Prec)





Upgraded a.g. monitoring programme for Dhaka



- **Monitoring objectives**
- Sites and location
- Available equipment
- **Automatic monitoring stations** (CAMS + Street site!)
- A network of PM samplers
- Screening studies
- **VOC** sampling



