

MALĒ DECLARATION
NETWORK MEETING
TEHRAN, IRAN
Oct. 11-12, 2004

Progress Review
By
C.K.Amaratunga
NIA-SRI LANKA

PHASE II MILESTONES

- MoU signed- End of May, 2002
- In-country training & Equipment Received
End of June, 2003
- Passive Sampling Started on August 15, 2003
- Wet Deposition Monitoring Started in
November, 2003

PM 10 SAMPLING

- Trials have been carried out, found that leaks in the sampling system and rectified the problem
- However, PM 10 sampling at the site is yet to be continued due to the following facts;
 - Non availability of a suitable power supply
 - SO₂ & NO₂ very difficult to measure accurately as the concentrations are very low
Do we need to monitor those using active sampling?

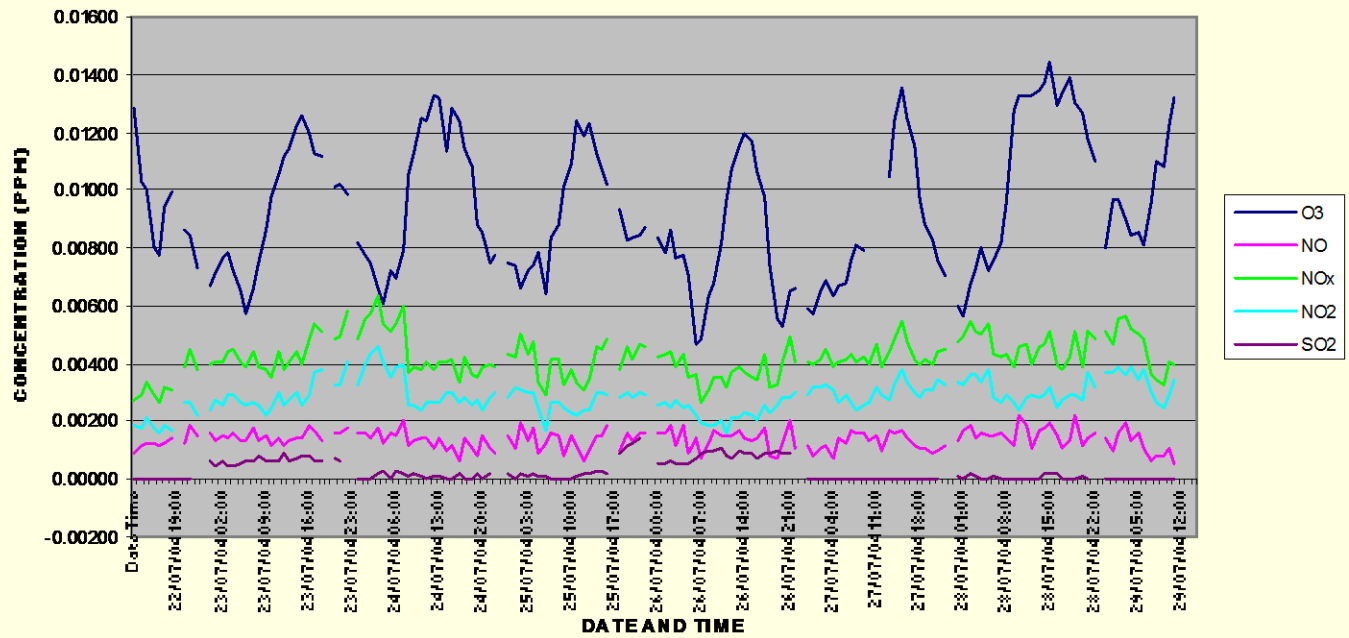
CONTINUOUS MONITORING

- We have conducted one week of AAQ monitoring with the use of continuous automated analyzers covering SW monsoon at Site from July 22-29,2004.





AIR QUALITY AT DUTUWEWA IN SOUTH WEST MONSOON



WET DEPOSITION MONITORING

- Since Nov. ,2003
- No QC/QA yet
- Problems Encountered;
 - Non durability of plastic material of the lid and the funnel holder of the wet only collector in Sri Lanka's climatic condition, mainly due to hot sunshine, the material became brittle. Spare lid provided also broken.
 - We have managed with a local plastic plate
 - Need spare lids at least one for every 03 months







BULK COLLECTOR

■ PROBLEM ENCOUNTERED

- FUNNEL WAS BROKEN AT THE NECK DUE TO STRONG WIND AT THE SITE
- CONTINUING SAMPLING WITH THE USE OF SPARE FUNNEL
- NEED TWO SPARE FUNNELS

FINANCIAL ASSISTANCE

- We are now facing serious financial problem for the continuation
- We therefore kindly request to consider the balance payment considering the data collected sofar.

RAIN WATER ANALYSIS

- We are now paying much attention to the use of Ion Chromatograph for the rain water analysis
- The results sofar are given below;

THANK YOU