

# Annual Network Meeting:2004

## **Male Declaration of on Control and Prevention of Air Pollution And Its Likely Transboundary Effects for South Asia Project**

Presentation on the National Monitoring Plan of Bangladesh  
by

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# Activities of Phase-II

## **Phase-II: Implementation of Control and Prevention of Air Pollution and Its Likely Transboundary Effects for South Asia**

- ❖ Expanding and Strengthening Network
- ❖ Capacity Building
- ❖ Monitoring and Reporting
- ❖ Supply and Installation of Equipments
- ❖ Develop and Update of Monitoring Station
- ❖ Data Base Development

# **Project Activity Status: Phase-II**

## **Expanding and Strengthening Network**

- Temporary Monitoring Station Functioning from 19 July 2004
- Finalization of land for Permanent Monitoring Site
- Collecting data by using Bulk Collector and Passive Sampler

# Project Activity Status: Phase-II

## Capacity Building

- ❖ In country Training on Installation of Equipment
  - 15 DOE, BAEC and DOM technical personnel were trained
- ❖ 3 batches of DOE Officials participated the training programme in AIT and CPCB

# Project Activity Status: Phase-II

## Monitoring and Reporting

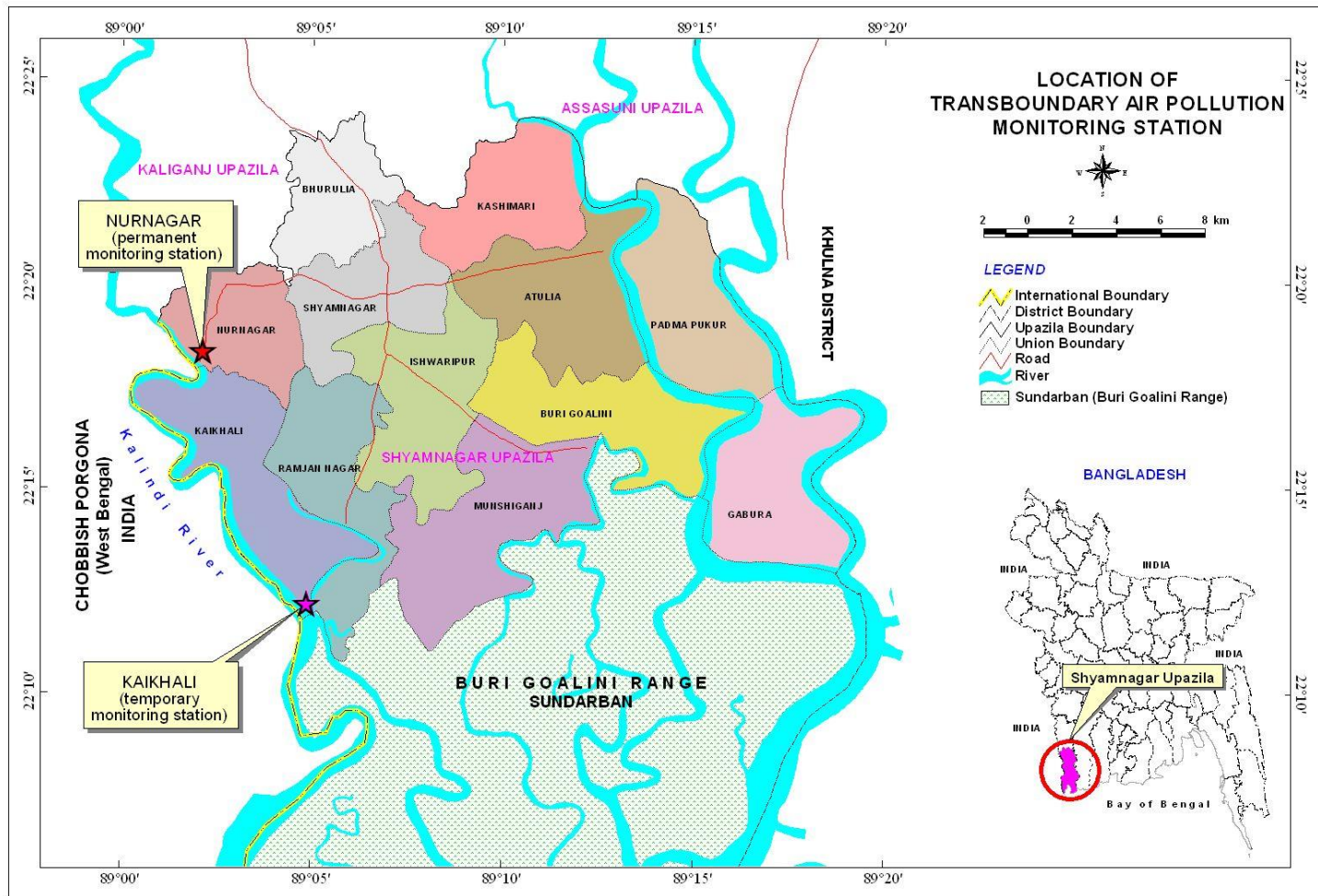
- ❖ Monitoring and Reporting as per UNEP Guideline and Manual
- ❖ 2 sets of passive samplers sent to IVL for analysis
- ❖ Rain water analysis report sent to UNEP RRC AP

# Project Activity Status: Phase-II

## Supply and Installation of Equipments

- ❖ Received Equipments and Consumables from UNEP RRC AP last year
- ❖ 2 equipments (Passive Sampler, Bulk Collector) have already sent to the site
- ❖ AAS when received will be installed at DOE Khulna Office

# Project Activity Status: Phase-II



# Project Activity Status: Phase-II

## Database Development

- ❖ Data generated from the monitoring station has been recorded and submitted to UNEP RRC AP
- ❖ Development of database is on



# Project Activity Status: Phase-II

## Development and Update of Monitoring Station

- ❖ 16 decimal of land has been donated for Monitoring Station
- ❖ Construction of Monitoring Station will take place within this year
- ❖ Architectural Design of Permanent Monitoring station is under Preparation
- ❖ Land Development will be undertake soon

# Project Activity Status: Phase-II

## Full Operation of Monitoring Station

- ❖ Hopefully by June 2005 the Monitoring Station will be fully Operational
- ❖ Phase III activities may be started from July 2005 for Bangladesh

# Project Activity Status: Phase-II



Permanent Monitoring Station site at Nurnagar

Temporary Monitoring Site is Functioning at Kaikhali



# Project Activity Status: Phase-II

- ❖ Monitoring and Reporting is going on as per UNEP guideline and Manual



Monitoring Station Staffs are working

# Project Activity Status: Phase-II

- ❖ Data is being preserve according to the UNEP provided format



Temporary Monitoring Site is Producing Data

# Project Activity Status: Phase-II

- ❖ Data sending to RRC AP for the centralized database



Passive Sampler is Functioning at Kaikhali

# Project Activity Status: Phase-II

## National Advisory Committee

Joint Secretary, MOEF, Convener.

Representative from BMD

Representative from DoF

Representative from BAEC

Representative from Department of Science, KU

Representative from Department of Chemistry, DU

Representative from Department of Microbiology, DU

Representative from IMED

Representative from FF&L wing of Planning Commission

Representative from CEN

Representative from FBCCI

Representative from BARC

Representative from SRDI

Project Director, Member Secretary.

Meeting of the Committee will be held in November 2004

# **Project Activity Status: Phase-II**



## **National Stakeholders Meeting**

- Organize National Stakeholders Meeting in 2003
  - Report submitted to UNEP RRC AP
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# Target for Phase-III

- Strengthening the Monitoring Capability
- Information Sharing Among Participated Countries
- Enhance Analysis and Impact Studies
- Increase Stakeholders Participation
- Awareness Raising For Target Groups
- Policy Adoption at National Level
- Conduct Inventory

# Target for Phase-III

## Strengthening the Monitoring Capability

- Update and enrich Monitoring Station
- Skill Development Program for Technical Personnel
- Assure QA/QC
- Establish New Monitoring Stations
- Expand Monitoring For New Pollutants/Components
- Identify Emission Source and Trajectories
- Enhance Analytical Capacity

# Target for Phase-III

## Information Sharing among participated countries

- Develop Database Center
- Update Monitoring Data Time to Time
- Exchange View and Experiences

# Target for Phase-III


## Enhance Analysis And Impact Studies

- Enhance Reference Laboratories Function
- Conduct Training and Refreshers Course for Monitoring Personnel
- Conduct Study on Corrosion, Acidification Impact on Biodiversity, Ecosystem including Human Health.

# Target for Phase-III



## Increase Stakeholders Participation

- Arrange Meetings for Stakeholders
  - Capacity Building
  - Knowledge Sharing
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# Target for Phase-III


## **Raise Awareness about Transboundary Air Pollution**

- Develop Awareness Materials
- Raise Awareness by Print and Electronic Media
- Aware People on Impact on Human Health, Biodiversity, Crops and Ecosystem

# Target for Phase-III



## Policy Adoption at National Level

- Policy Setting to Protect Human Health, Biodiversity, Crops and Ecosystem.
  - Network Setting to contact With Concern Govt. Organ and NGOs.
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# Target for Phase-III

## Conduct Inventory

- Emission Source Inventory.
- Identify Trajectories.
- Urban & Rural Sources
- New Pollutants such as PM<sub>2.5</sub>, Ozone, VOCs



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**Thank You**

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