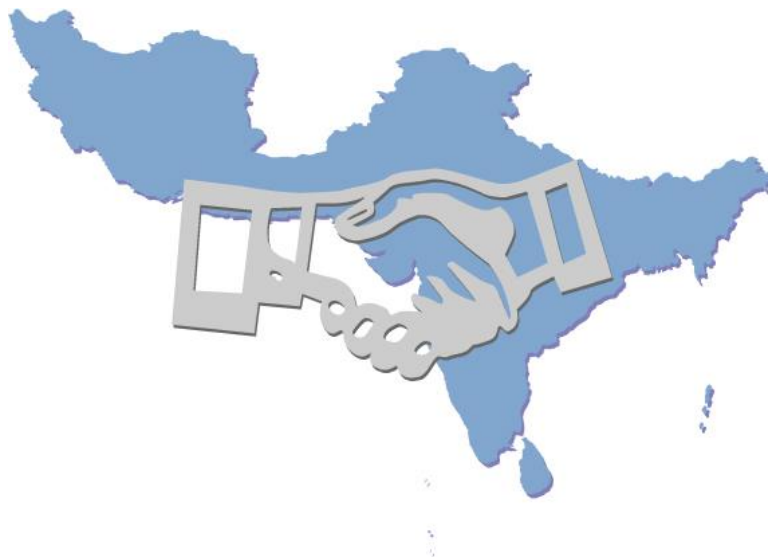


Male' Declaration

Work Programme for 2010



by
Secretariat
UNEP



Phase IV Objectives

1. Strengthen **Regional Cooperation** and move towards developing a regional agreement
2. Strengthen the **air pollution monitoring** network and conduct regular monitoring of high quality
3. Enhance the capacity of NIAs to undertake **emission inventory** and scenario development, atmospheric transfer of pollutants and Integrated Assessment Modeling
4. Enhance the **impact assessment capacity** of the national institutions and assess the impacts of air pollution in the participating countries
5. Assist the member countries of the Malé Declaration with the development of **air pollution reduction policies and development of a regional framework**;
6. **Raise awareness** for action on air pollution issues through targeted dissemination.



1. Regional Cooperation

(i) Intergovernmental meeting (IG12) in January 2011

- Review of the progress of Malé Declaration activities in 2010;
- Review of the data report on transboundary air pollution monitoring in 2009/10;
- Report from the Task Force on Future Development of Malé Declaration
 - Decision on the Sustainable financing mechanism for MD
 - Discussion on the feasibility report on the establishment of specialist regional centres
- Consideration of the Work programme for 2011
- Any other issues raised by the participating countries



1. Regional Cooperation

(ii) Regional Stakeholders cum Coordination (RSC6) Meeting to be held before the IG11 on January 2011

- Review of the progress of MD in 2010
- Updates from air pollution related activities in the member countries of MD
- Updates from initiatives focusing on air pollution at regional and sub-regional level
- Updates from initiatives focusing on air pollution at global level



(iii) One National Stakeholders Meeting in June 2010

- Increase awareness on transboundary air pollution
- Share and receive stakeholders views and ideas on **implementation** of the MD
- Improve the information exchange between generators and users



1. Regional Cooperation

(iv) Task Force on Future Development (TFFD) of MD

- 1st meeting on March 2010**
- 2nd meeting on October 2010**
- Discuss on the draft document on the Sustainable Financing Mechanism for MD incorporating comments and guidance of IG11 for consideration of the IG12
- compile the list of Terms of References (ToRs) for each specialist centres
- compile the list of relevant institutions capable of functioning as the regional centres
- discuss on the draft feasibility study on developing a regional framework for consideration of the IG12



2. Air Pollution Monitoring

(i) Regional Training programme in May 2010



The First Regional Training Programme;
March 2002, RRCAP, Bangkok

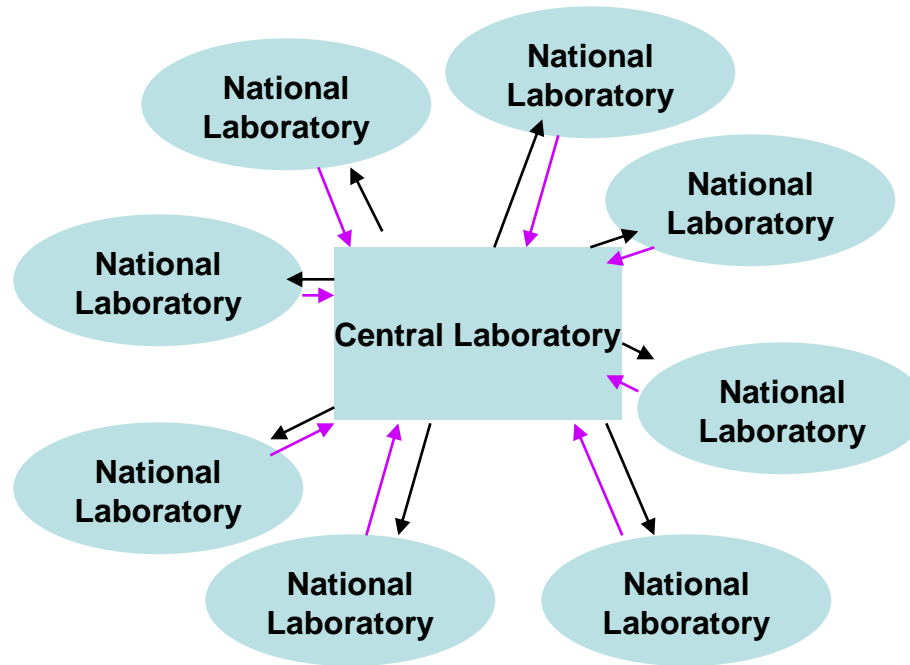
- review the implementation of Quality Control and Quality Assurance (QA/QC) programme, specially on the data sampling and analysis
- discussion and training on data analysis
- review the data report 2009/10
- discuss the issues encountered in operating the monitoring sites in each country



2. Air Pollution Monitoring

(ii) Inter-laboratory Comparison

- Third attempt will be completed on 2010

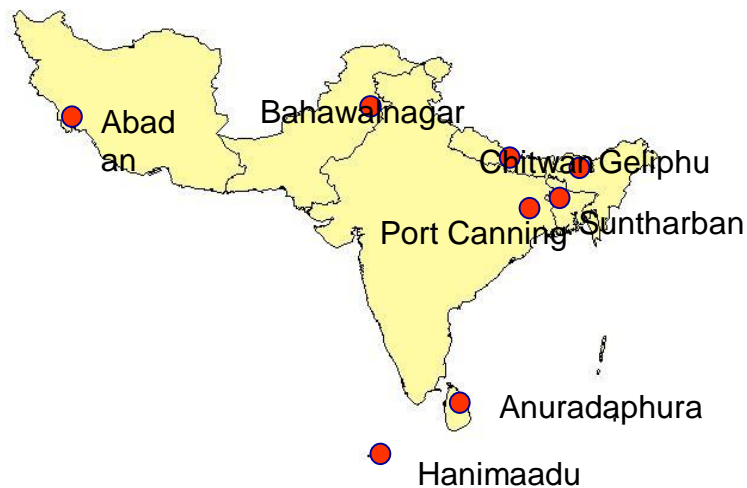


—→ Artificial precipitation samples

—→ Results



2. Air Pollution Monitoring



(iii) Central compilation, evaluation, and storage of data

- Data report 09/10
- Second Data analysis report

(iv) Site audits to be performed by the Monitoring Committee

(v) Continue to operate the existing monitoring sites

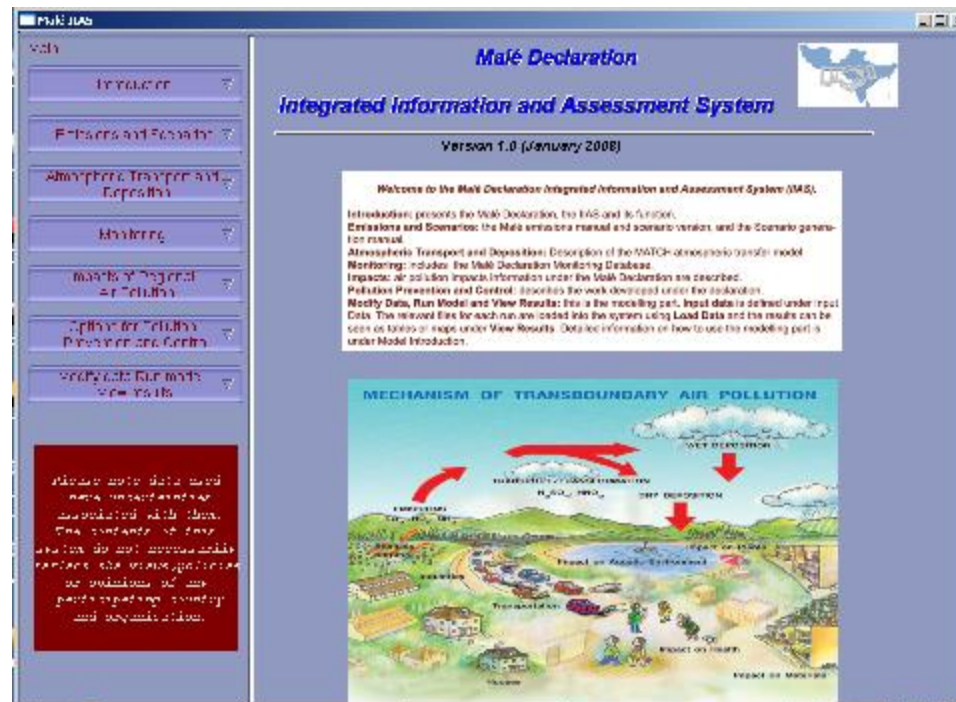


3. Capacity on Emission Inventory

(i) Emission inventory

- NIAs to update/ compile national level emission inventories

(ii) IIAS and impact assessment modeling to be included during the 8th regional training on emission inventory on May 2010



Integrated Information and Assessment System (IIAS)



4. Impact assessment capacity

- (i) Final reports on health, crops, corrosion impact assessment and rapid urban assessment will be distributed to NIAs**

- (ii) National level Health and crop impact assessment studies to be initiated on the 2nd quarter of 2010**
 - Secretariat to contact each NIA and designated expert institution for development of implementation plan



5. Assist with Air Pollution Reduction

(i) 1st Regional-level training cum-Awareness will be conducted on the 2nd quarter of 2010

- designed to place all the information on prevention and control at the fingertips of governments in the region

(ii) TFFD members will conduct feasibility study on developing regional framework

- for consideration of the IG12

(iii) National level, country-specific air pollution measures

- Identifying and developing national policy

(iv) Workshop on clean fuels and vehicles



THE PARTNERSHIPS FOR CLEAN FUELS AND VEHICLES

Goal: To promote cleaner fuels and vehicles

- Set up at the World Summit on Sustainable Development, September 2002
- Activities at global, regional and national level
- Provides technical & financial support, capacity building, outreach activities & networking
- Helps countries develop action plans related to key PCFV campaigns

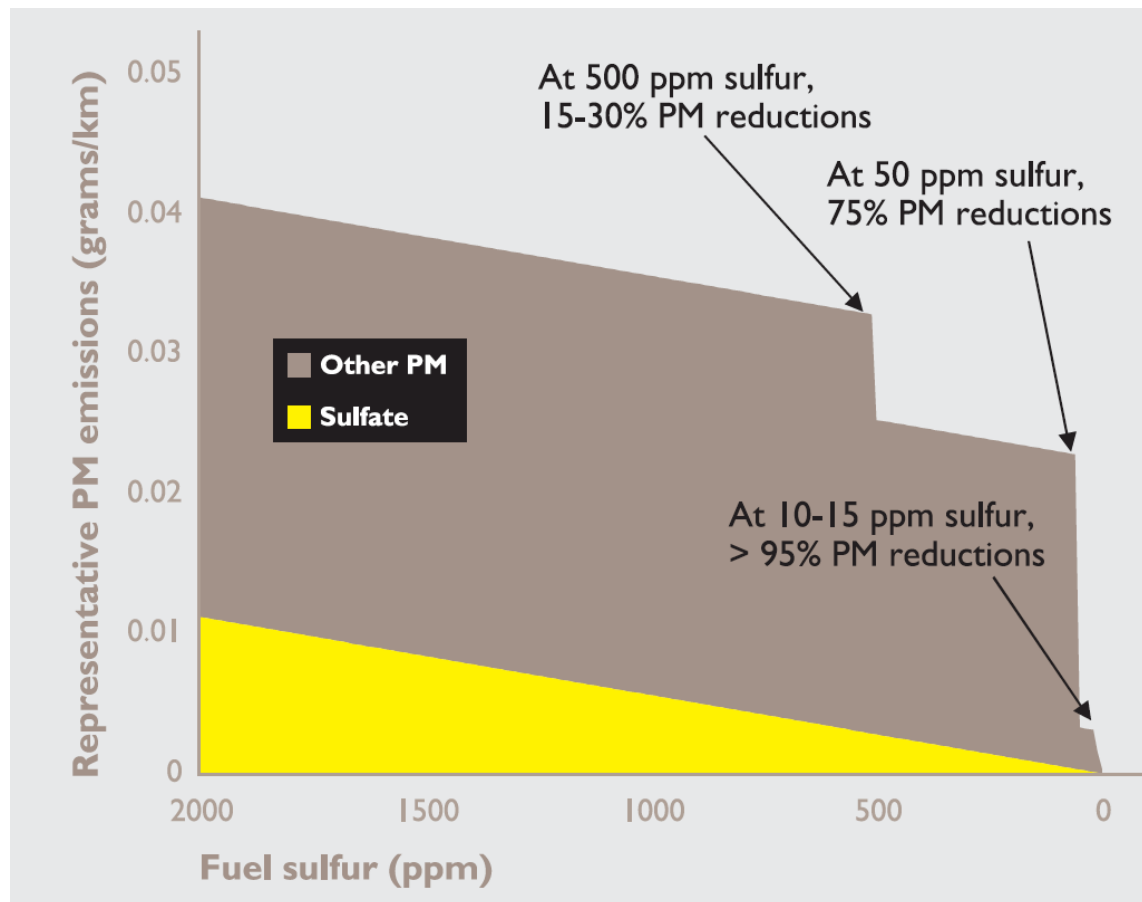
KEY CAMPAIGNS:

- Elimination of **Lead** in gasoline
- Phase down of **Sulphur** in diesel & gasoline fuels
 - High Sulphur Fuel contributes to:
 - 1) Health problems [Cardiovascular, Respiratory, Cancer];
 - 2) Environmental degradation [Damage to plants and buildings];
 - 3) Climate change [From Particulate Matter (PM)];
 - 4) Damage to vehicles;
 - 5) Prevents use of modern, cleaner engines
- Adoption of **Cleaner Vehicles / Technologies**
- Development of **Automotive Fuel Efficiency** policies & strategies

Lower Sulfur Fuels Reduce Emissions

Cleaner fuels are necessary for the introduction of **cleaner, more efficient vehicles** with **functioning emission control devices**

- When Sulphur content falls below certain levels, emissions control devices can be used
- 500ppm permits the use of oxidation catalysts, which can achieve up to a 30% reduction in emissions of particulate matter
- Sulphur levels no greater than 50ppm permit a reduction of up to 75% of particulate matter
- And around 10 to 15ppm permit reductions of particulate matter up to 95%



SULPHUR LEVELS & THE WORK PROGRAMME

- **PCFV Global Campaign:**

- **Countries to introduce fuels with 50ppm or less Sulphur levels**

- VI-3 Clean Fuels and vehicles – Sulphur

- In order to support the development of air pollution reduction policies, a regional workshop for member countries will be held to promote the adoption of clean fuels and vehicles policies and raise awareness of the issues surrounding such fuels. Activities will be initiated, during and after the workshop, to support member countries to introduce 50 parts per million (ppm) low sulphur fuel and clean vehicle standards. Regional and national fuels and vehicle data will be disseminated and best practices in vehicle emissions in South Asia identified. High-level policy makers in relevant ministries (Transport, Oil, Energy, Roads, Standards) will also be targeted to broaden the awareness of the issues.



www.unep.org/pcfV



6. Raise Awareness

NIAs are encouraged to:

- submit articles and news for the Male' Newsletter;
- Disseminate at national level

(i) Newsletter

- Two issues of the newsletter will be published during 2009/10 period: (i) Vol. 8; Number 1; November 2009; (ii) Vol. 9; Number 2; April 2010.

(ii) National Level

- Compilation of the outcomes of national level public awareness campaign in Sri Lanka.

(iii) Targeted awareness materials

- The multimedia presentation and the publication will be disseminated to young people in South Asia

(v) Information sharing

Among the countries and other networks