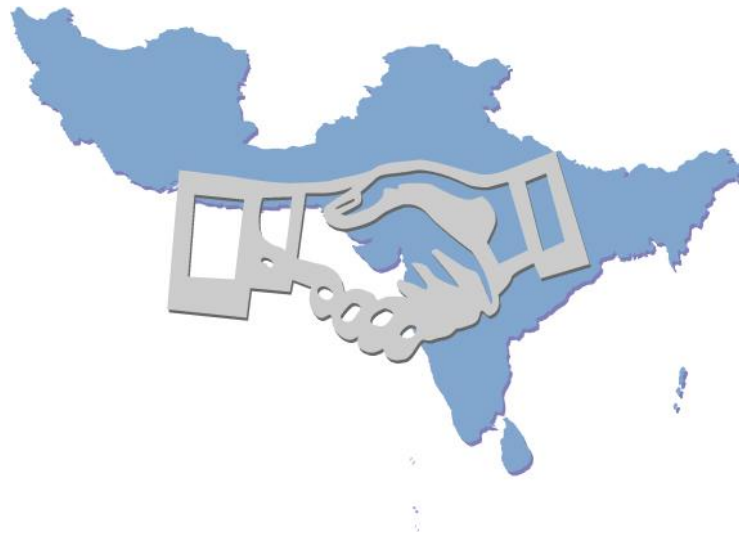


Report on the Progress of Malé Declaration





Malé Declaration: Phase IV Objectives

1. Strengthen **Regional Cooperation** for addressing air pollution issues in South Asia
2. Strengthen the air pollution monitoring network and conduct regular **monitoring of high quality**
3. Enhance the **impact assessment** capacity of the national institutions and assess the impacts of air pollution and their socio-economic implications in the participating countries
4. Enhance the capacity of National Implementing Agencies (NIAs) to undertake **emission inventory and scenario** development, atmospheric transfer of pollutants and Integrated Assessment Modelling
5. Assist the member countries of the Malé Declaration with developing **air pollution reduction policies** and development of a **regional framework**
6. Raise **awareness** for action through targeted information dissemination



Ob 1: Strengthen **Regional Cooperation** for addressing air pollution issues in South Asia

Activities:

- **12th Session of Intergovernmental Meeting**
- **Regional stakeholder-cum-coordination meetings held back-to-back with the IG meeting**
- **Task Force on Future Development of MD (TFFD)**



Outputs of IG12

The IG12 in June 2011 adopted, with modifications the Report of the Task Force for Future Development (TFFD), and its Annexes which include the

- Draft Resolutions for Consideration of the Ministerial Level Meeting,
- Report on the Sustainable Financial Mechanism, the Feasibility
- Report on the Establishment of Regional Centres, and
- Feasibility Report on Strengthening the Regional Framework on Air Pollution Reduction in South Asia.

The Workplan 2012 for Malé Declaration was also adopted by the IG12.



Ob2. Strengthen the air pollution monitoring network and conduct regular **monitoring of high quality**



Activities:

- **Continue monitoring activities**
- NIAs continued the operation of the monitoring sites during the phase IV. The Malé Declaration monitoring network has been strengthened through the addition of new sites in India (4 new sites) and Iran (1 site),
- Draft Report on third **inter-laboratory comparison** programmes for QA/QC was submitted to the Secretariat by Dr. Kim in May 2012. The result will be presented at the 9th Refresher Training.
- The overall objective of the inter-laboratory comparison is to recognize the analytical precision and accuracy of the data in each participating NIA laboratory and consequently to provide an opportunity to improve data reliability/quality



9th Regional Refresher Workshop

The arrangement for the 9th Regional Refresher Workshop will be held on 10-12 Dec. in New Delhi, India.

The workshop will be organized by the Central Pollution Control Board (CPCB), India which is designated as the Regional Centre on Wet and Dry Deposition Monitoring of the Malé Declaration, in collaboration with the Secretariat.

The **objectives** of the this event include:

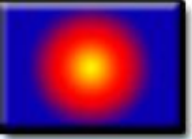
- to provide hands-on-training on the use of different monitoring and laboratory equipment and enhance knowledge on quality assurance/ quality control aspects;
- to discuss the progress of the implementation of Malé Declaration monitoring activities during phase IV;
- to discuss the plan for phase V implementation of the Malé Declaration; and
- to discuss the data submitted by the member countries.



Central compilation, evaluation, and storage of data

Some of the participating countries have submitted their data and related information obtained through the monitoring activities in 2010-2011 to the Secretariat.

After quality check by the MoC, the data will added to the regional database. The regional database is available online for the NIAs at: <http://www.rrcap.unep.org/male/>



Ob3. Enhance the **impact assessment** capacity

Health Impact Assessment

- ❖ The epidemiological study undertaken in Bangladesh investigating the impact of air pollution on school children was expanded to Nepal and Pakistan
- ❖ The objectives of the study are: to a) determine whether there is an association between daily mean PM10 and PM2.5 concentrations and respiratory health and lung function in children in a the selected city; b) quantify the relationship; and c) assess the scale and severity of impacts of air pollutants. This assessment can address the need for information on the effects of air pollutants on health in South Asia at the high concentrations commonly found in large cities, and provide locally-gathered evidence to support actions by governments to control particulate emissions.



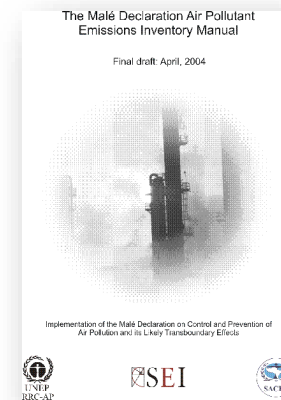
In order to review the results of the study, the **Workshop on Health Impact Assessment** was held in Dhaka, Bangladesh on 9 January 2012.



Ob 4: Emission inventory and scenario development, atmospheric transfer of pollutants and Integrated Assessment Modelling

➤ The **5th Regional Training on Emission Inventory and the National Training on Emission Inventory** were held in Colombo, Sri Lanka on 23-25 May 2012 and 21-22 May 2012, respectively. The trainings were organized by the **Central Environment Authority (CEA)**, Sri Lanka which serves as the **Regional Center on Emission Inventory** of the Malé Declaration, and co-organized by the Secretariat.

➤ The objective of the trainings were to enhance the capacity and capability of National Implementing Agencies (NIAs) and those involved in the participating countries to undertake emission inventory and scenario development, and integrated assessment modeling.



EMISSION INVENTORY

Further Development of the IIAS in response to country demands



Ob5. Assist the member countries with developing **air pollution reduction policies** and development of a **regional framework**

➤ **PROVIDE DECISION SUPPORT INFORMATION FOR POLICY FORMULATION AND AIR POLLUTION PREVENTION**

-DOE of the Government of Bangladesh, “Draft Report on Air Pollution Reduction Strategy for Bangladesh’ was completed by Bangladesh in April 2012.

The report describes the current state of air quality, major sources of air pollution, past policies implemented and suggests future strategies to reduce air pollution in Bangladesh.



Ob6. Rise Awareness

The **Report on Compendium of Good Practices on Prevention and Control of Air Pollution (first report)** was compiled by Prof. Ram M. Shrestha, in collaboration with Malé Secretariat as part of the phase III implementation of the Malé Declaration.

This report has been **updated** by the Centre for Environment Education in collaboration with the Secretariat as part of the phase IV implementation of the Male' Declaration and the draft is being reviewed.

Networking with youth

Raising the awareness of youth on air pollution issues is continued through the activities of the South Asia Youth Environment Network (SAYEN). A national “**Youth for Clean Air Awareness Workshop**” was held in January 2012 in Dhaka, Bangladesh and the **Regional Workshop on “Youth for Clean Air”** was held in February 2012 in Ahmedabad, India.





IG13 of Male' Declaration

Will be held in February 2013 in one of the participating countries back to back with SACEP Governing Council

Provisional Agenda:

- To make an update on the progress on the implementation of Malé Declaration both at regional and national level;
- To review and adopt the guidelines for implementation of the sustainable financial mechanism of the Malé Declaration; draft guidelines for the next steps of implementation on strengthening the framework on air pollution reduction in South Asia; and draft guidelines for the operation of the regional centres;
- To consider Plan for Phase V and Work Programme in 2013;
- To adopt the Resolution of MD: and
- Also, to discuss and consider other issues to be raised by the participants and the Secretariat, if there is any.



Thank you for your
attention!!!