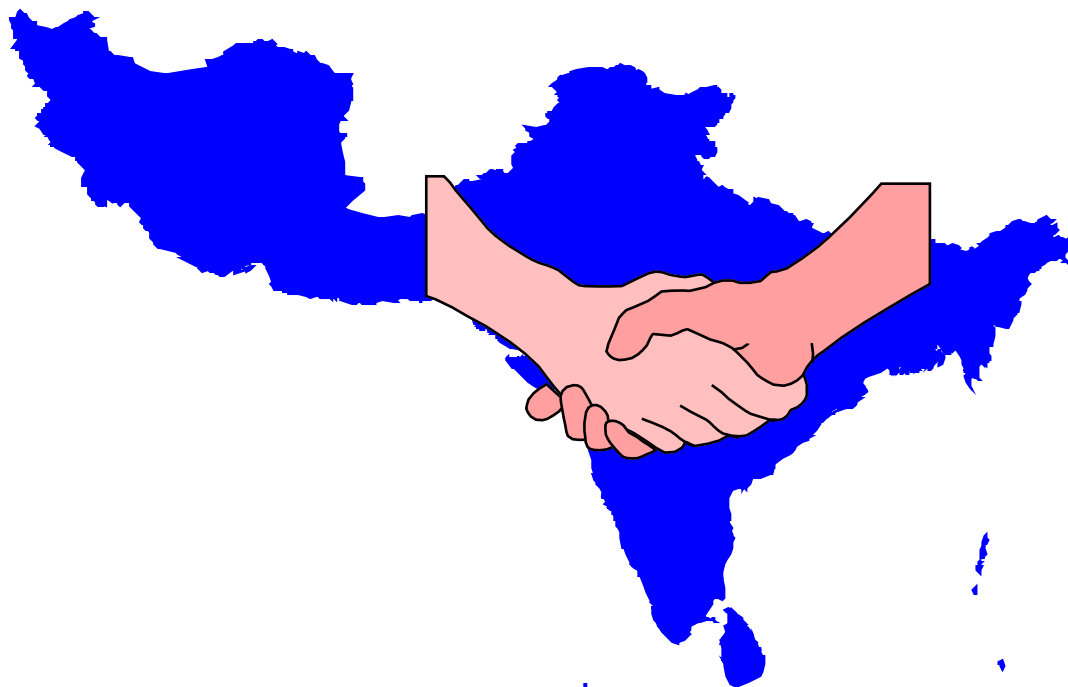




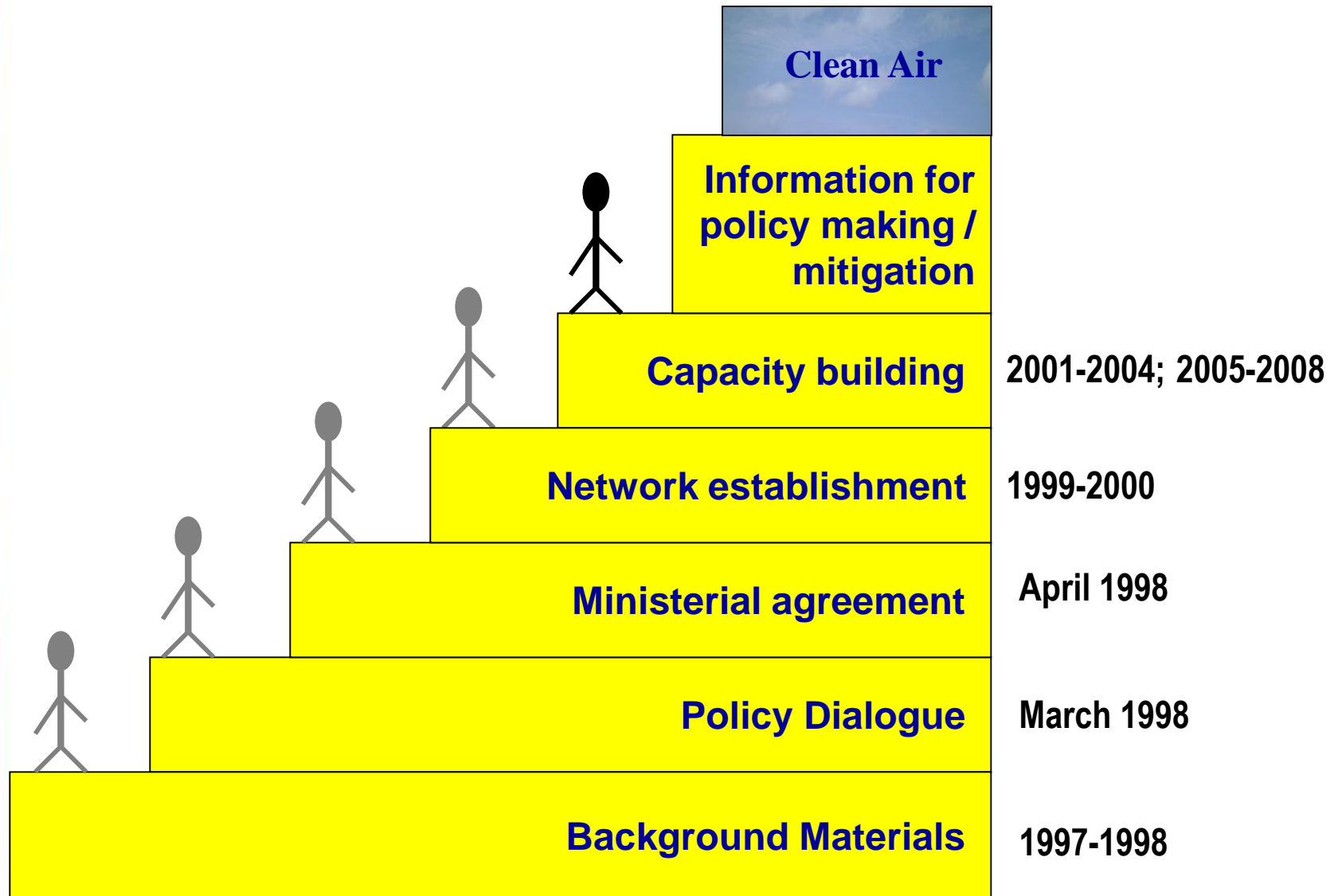
The Male' Declaration



Proposal for Phase 4 Implementation



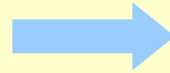
Looking back to think ahead





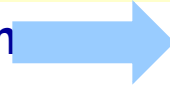
Process

September 2006 (IG9)



Phase 4 should focus on prevention and control

October 2007 (Corrosion Training)



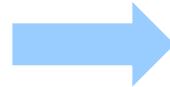
Phase 4 activities on corrosion impact

February 2007 (Emission Inventory Training)



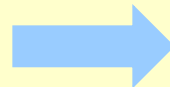
Phase 4 activities on emission inventory

February 2007 (Health Training)



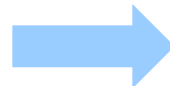
Phase 4 activities on health impact

March 2007 (Refresher Training)



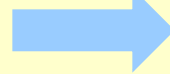
Phase 4 activities on monitoring

May 2007 (Exchange Programme)



Formulated the Phase 4 Proposal

August 2007 (Crop Training)



Phase 4 activities on crop impacts



Phase 4: Objectives

Purpose

The purpose of Phase 4 is to continue to support the establishment of a **scientific base for prevention and control** of transboundary air pollution in South Asia and to encourage and facilitate **coordinated interventions** of all the stakeholders on control and prevention of air pollution in South Asia.

Objectives

1. **Strengthen regional cooperation and move towards development of a regional agreement;**
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 in the participating countries;**
4. **Enhance the capacity of NIAs regarding emission inventory development, atmospheric transfer of pollutants and Integrated Assessment Modeling;**
5. **Assist the member countries of the Male' Declaration with air pollution reduction policies**
6. **Raise awareness for action through targeted dissemination**



Ob1. Regional Coordination

Objective

1. Strengthen regional cooperation

Activities

1.1 Convene Intergovernmental meeting

1.2 Stakeholder engagement at regional and national level

1.3 Establishment of a Task Force on the future development of the Male' Declaration

1.4 Feasibility study on the establishment of special regional centres

1.5 Establishment of specialized regional centers as decided by IG8



Ob2:Monitoring Capacity

Objective

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

Activities

2.1 Air pollution concentration and wet deposition monitoring

- Improve operation of the established monitoring stations
- Establish additional monitoring stations
- Revise monitoring guidelines to include standard format for reporting meteorological data

2.2 Quality Assurance /Quality Control (QA/QC)

- Implement inter-laboratory comparison
- Translate standard operating manual and relevant documents in local languages.



Ob2: Monitoring Capacity...

Objective

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

Activities

2.3 Soil acidification monitoring

- Develop guidelines
- Selection of specialised institutions in each country
- Training on risk assessment

2.4 Conduct annual refresher workshop

2.5 Regional database

- Monthly update of regional database
- Quality control of data base
- Develop annual data report

2.6 Establish air quality indices for citizen advisory during air pollution episodes.



Ob3: Impact assessment

Objective

3. Enhance the impact assessment capacity of the national institutions and assess the impacts of air pollution in the participating countries

Activities

3.1 National-scale assessment of **health** and air pollution together with capacity building and training (in-country and central); and implementation of simple epidemiological studies in selected countries

3.2 National-scale **crop** impact assessment together with capacity building training (in-country and Central)

3.3 **Corrosion** impact assessment together with capacity building training (in-country and central)



Ob3: Impact Assessment ...

Objective

3. Enhance the impact assessment capacity of the national institutions and assess the impacts of air pollution in the participating countries

Activities

3.4 Conduct rapid urban assessment for selected cities together with capacity building and training

3.5 Assessment of indoor air pollution in urban and rural areas

3.6 Develop a synthesis assessment using available data and knowledge for policy makers



Ob4: Emission Inventory

Objective

4. Enhance the capacity of NIAs regarding emission inventory development, atmospheric transfer of pollutants and IAM

Activities

4.1 Emission inventory

Improvement of Malé emissions inventory preparation Manual and Workbook.

Improvement of national level emission inventories

Development of methodologies for specific sectors:

4.2 Integrated Assessment Modeling

Further Development of the IIAS.

Build specific skills in hand-picked people in order to build specialist capacity for application in each country and for the whole region.

Further application of the MATCH model in South Asia



Ob5: Air Pollution Reduction Policies

Objective

5. Assist the member countries with air pollution reduction policies and strategies

Activities

5.1 Regional Level Activities

- **Conduct a feasibility study on developing a regional framework such as a convention on air pollution in South Asia**
- **Development of a regional framework for air pollution reduction on the basis of the feasibility study results**

5.2 National Level Activities

- **Development of country-specific technical, fiscal and policy measures for emission reduction**
- **Develop partnership with stakeholders for emission reduction (national level)**
- **Assist with the implementation of technical, fiscal and policy measures for emission reduction**



Ob6: Awareness

Objective

6. Raise awareness for action through targeted dissemination

Activities

- 6.1 Develop handbook on control and prevention of air pollution**
- 6.2 Conduct training cum awareness workshops targeting middle level policy makers**
- 6.3 Publication of Malé Declaration newsletter.**
- 6.4 Conduct awareness programs such as through a painting competition, debate competitions, poster campaigns, newspaper articles, etc. at the national level**
- 6.5 Conduct awareness programmes for youths**



IG Decision

- IG may discuss and consider the proposal for adoption

Next step:

- Resource mobilization
- Development of detailed implementation plan