

# **Tackling transboundary air pollution in Asia with Empathize on Malé Declaration**

Stakeholders Meeting on Male' Declaration on Control and  
Prevention of Air Pollution and Its Likely Transboundary Effects  
for South Asia

New Delhi, India

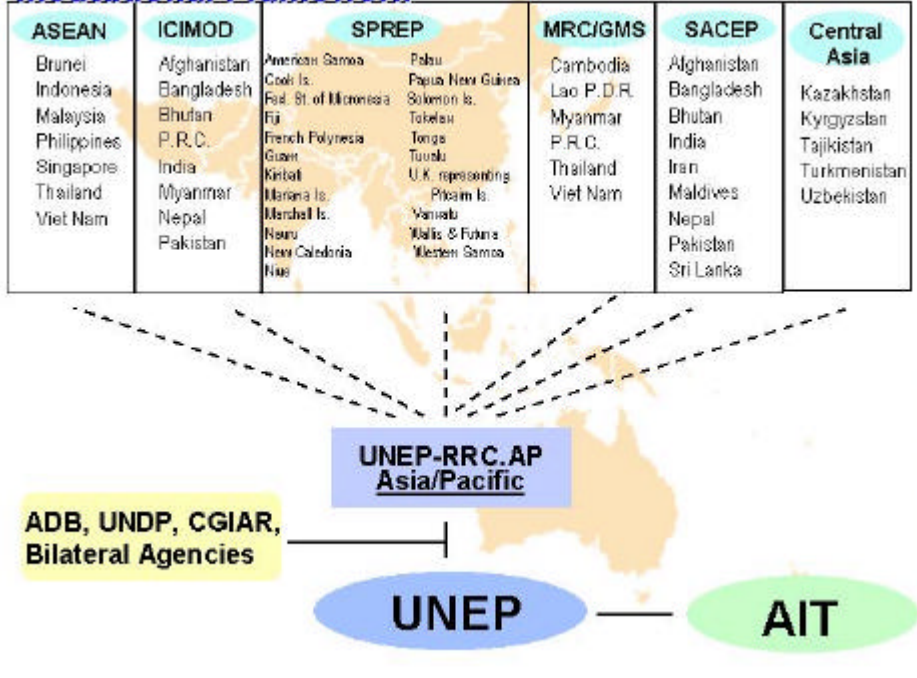
24 September 2002

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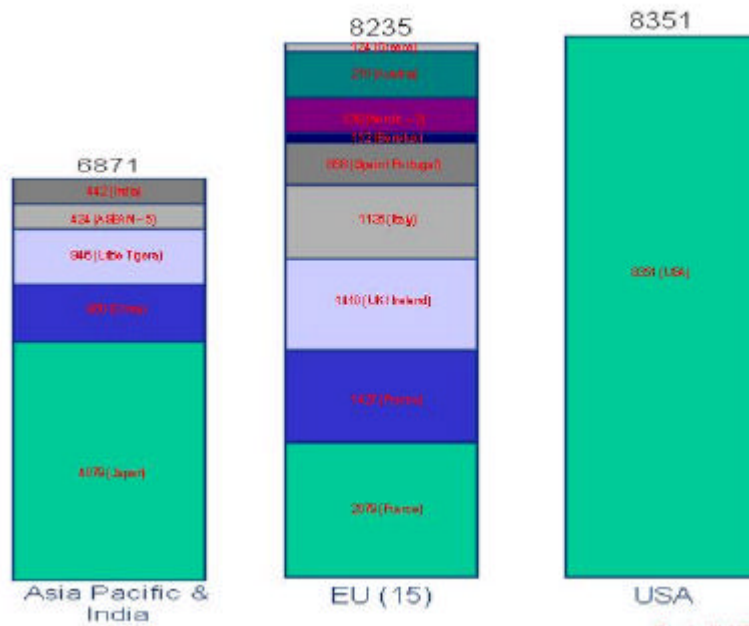
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## Institutional Framework

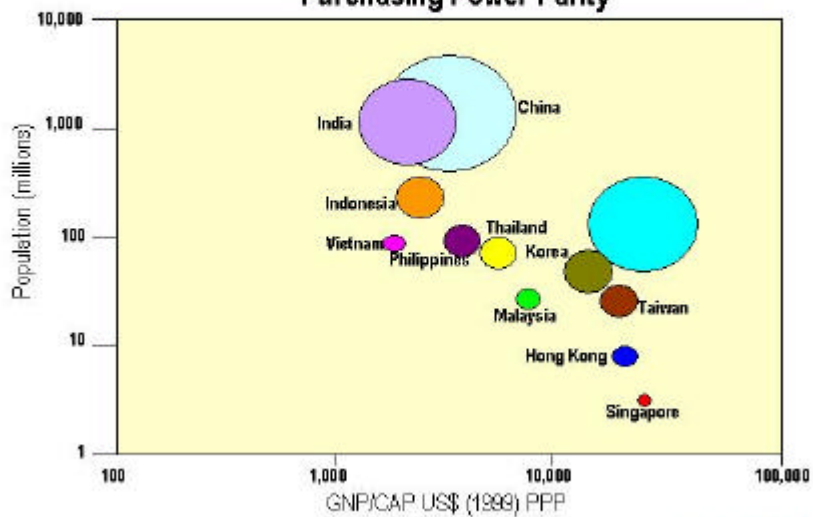


## Asia Total GNP: 1999



# Asia Pacific Economies

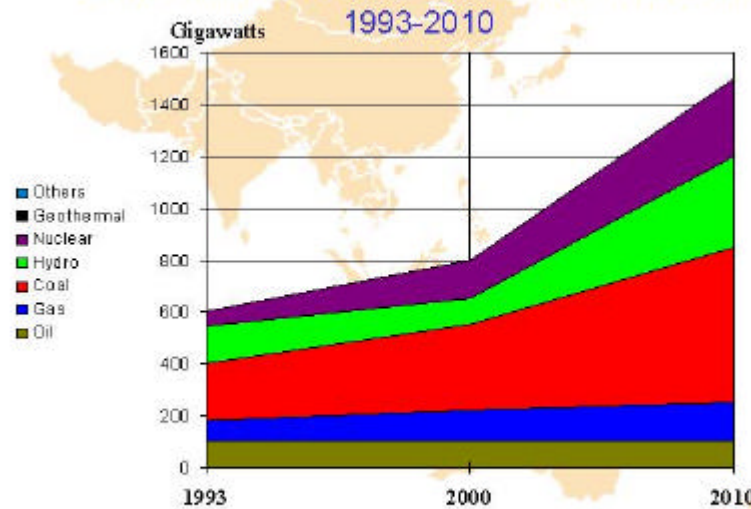
Relative Size of Economies Measured with Purchasing Power Parity



Based on World Bank Data, 2009/2009

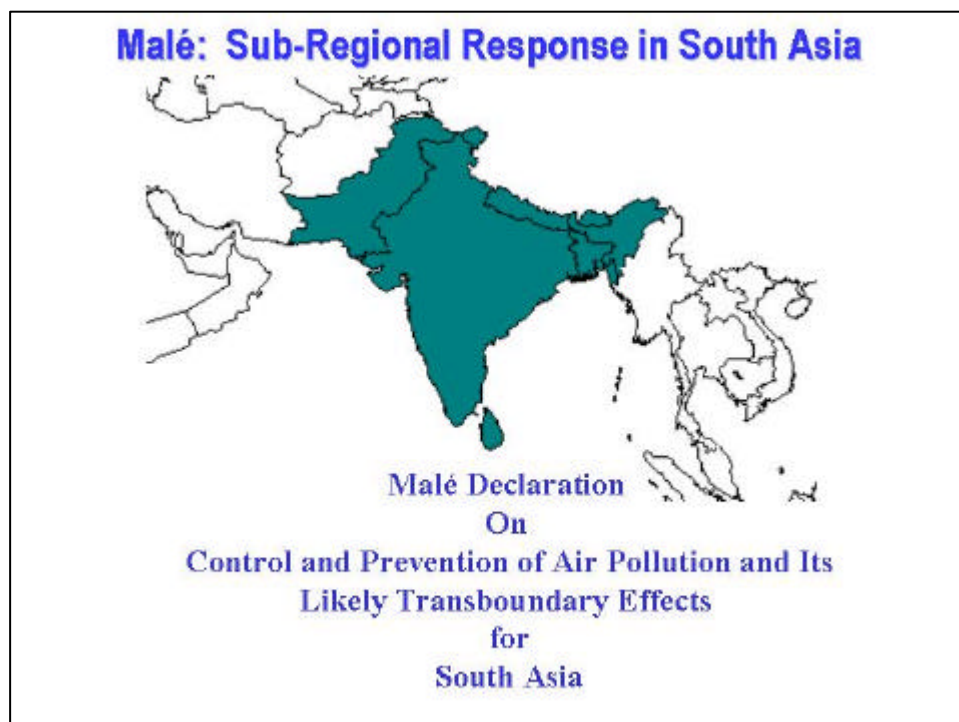
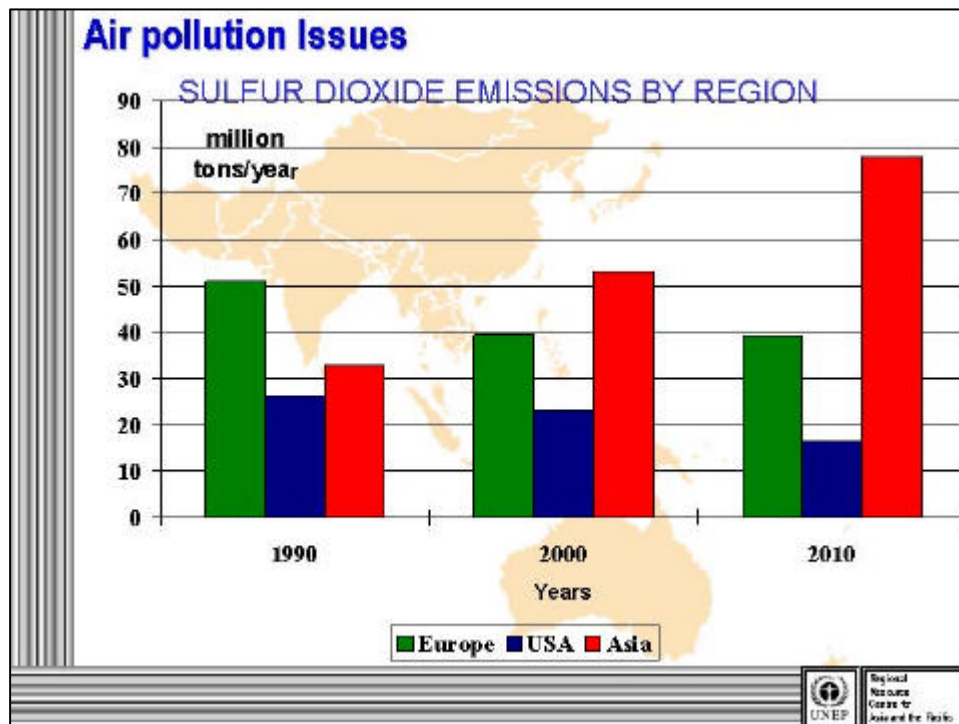
## Air pollution Issues

GROWTH IN INSTALLED CAPACITY IN ASIA 1993-2010



Source: Pacific Energy Outlook, Strategies and Policy Imperatives to 2010





## Malé: Brief History

### POLICY DIALOGUE ON REGIONAL AIR POLLUTION ISSUES

#### Participants

Target countries for the phase I (South Asia)

Bangladesh  
India  
Nepal  
Pakistan  
Sri Lanka  
ADB, ASEAN, SACEP  
AIT, ERTC  
Sida, SEI, UNEP

9-20 March, 1998

#### Main Aims

- Create a broader dialogue of the air pollution issues in Asia
- Promote the policy cycle in South Asia by:
  - (i) re-affirmation that transboundary air pollution is a priority issue for South Asia;
  - (ii) agreeing upon a draft action plan for inter-governmental activities at the policy dialogue.

AGREEMENT ON THE DRAFT DECLARATION



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## Malé: The Declaration

### SACEP GC MEETING

Held on 22 April 1998 in Malé, Maldives.

Inaugurated by His Excellency Mr. Maumoon Abdul Gayoom, President of Maldives

Attended by ministers and high level policy makers from South Asian Environment ministries.



### Major Initiative

Male' declaration on control and prevention of air pollution and its likely transboundary effects for South Asia was adopted by all the South Asian countries.



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## Malé : Implementation

**PHASE I: Awareness and preparation of the baseline information**

**PHASE II: Local capacity development for monitoring and analysis**

**PHASE III: Provide scientific information; assist in activities to reduce pollution**



## Malé: Network

### •National Implementing Agencies (NIA)

Iran

DoE

Pakistan

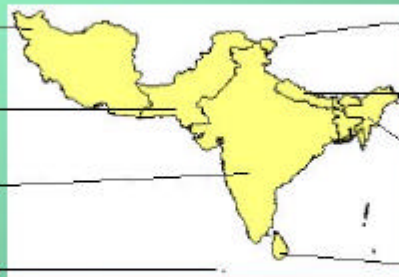
Pak-EPA

India

CPCB

Maldives

MPHRE



Bhutan

NEC

Nepal

MoPE/CIMOD

Bangladesh

MoEF

Sri Lanka

CEA



# Malé: Phase I Achievements

**Network of Experts and Scientist have been established**

## Awareness

NEWSLETTERS  
ON THE WEB



STAKEHOLDERS WORKSHOPS



**Baseline Information and Action Plan have been completed by 8 South Asian countries**



# Malé: Phase II



## Major Task

Strengthening the monitoring capacities (harmonized to the extent possible) in the region would be the major task of Phase II.

Implementation period: 3 years; Number of monitoring sites proposed: 8; Technical Trainings: 4; National Stockholders meetings: 3; Network Meeting: 3; Regional workshop: 1



## EANET

### Objectives of the Network

to create a **common understanding** of the state of the acid deposition problems in the East Asia

to provide useful **inputs for decision-making** at local, national and regional levels aimed at preventing or reducing adverse impacts on human health and the environment due to acid deposition



### Participation:

11 countries in East Asian region, which includes Northeast and Southeast Asia, that expressed at the Second Intergovernmental Meeting their intention to participate in the Network

First **expert meeting** in 1993

Experts met 4 times before the first **intergovernmental meeting** in 1998



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## ASEAN: Sub-regional Response

### Major Initiatives:

1. Agreed: Air pollution is a priority issue in the region
2. Formulated: ASEAN Cooperation Plan on Transboundary Pollution
3. A legally binding instrument was signed On 10 June, 2002



### ASEAN Legal Framework

UNEP is supporting the ASEAN Secretariat in formulating a Legal framework to address transboundary air pollution, in particular haze pollution



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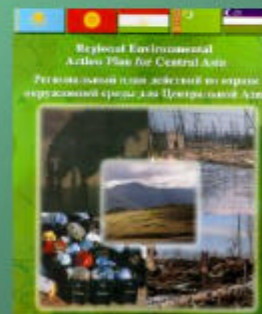


## CAR: Sub-regional Response

The five Central Asian countries completed the first Regional Environment Action Plan this September.

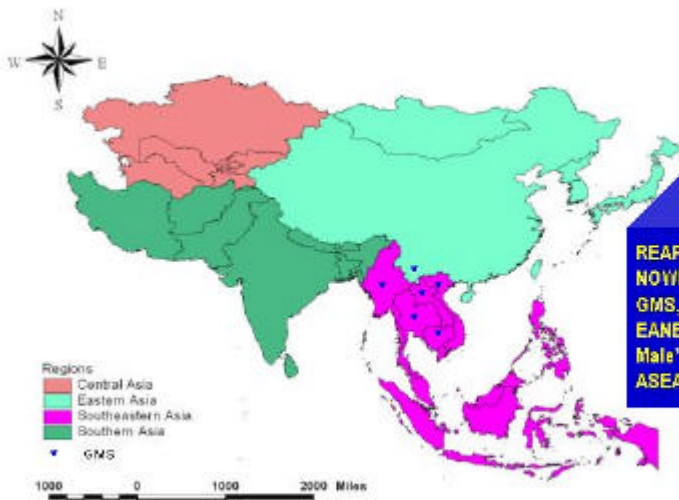
Air Pollution is one of the key priority issue in the action plan

The Plan request the cooperation of all five countries



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## Sub-Regional Cooperation: Summary



REAP  
NOWPAP  
GMS, MRC  
EANET  
Male' Declaration  
ASEAN Legal framework



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## RECOMMENDED STEPS TO ADDRESS TRANSBOUNDARY AIR POLLUTION

- ☞ Raise awareness and agree that the transboundary air pollution is a priority issue
- ☞ Build capacity for scientific base to address the transboundary air pollution
- ☞ Address issue through economic, technical and/or legal instruments



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