Sub-regional Implementation Meeting of
a long-term programme for
Monitoring the Illegal Killing of Elephants (MIKE)
in South Asia

New Delhi, India
25 – 26 February 2003
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1. Welcome and Opening

Welcome and opening remarks were made by Mr Nigel Hunter, Director of the MIKE Programme.

Apologies were given on behalf of Mr H. M. B. C. Herath and Mr Amararatne of Sri Lanka who were unable to attend the meeting. Nevertheless, the Director was informed verbally of their support and commitment to the MIKE process. He informed the meeting that he would be following up with a visit to Sri Lanka to bring them up to date on the decisions taken at this meeting.

The Director introduced the representatives of Bangladesh, Bhutan, India, Nepal and gave his thanks to Dr Karl Stromayer of the Division of International Conservation of the US Fish and Wildlife Service which had made available the funding for this implementation meeting. The CITES Secretariat was represented at the meeting by the Deputy Secretary-General, Dr Jim Armstrong.

Dr Armstrong welcomed the participants to Delhi, and expressed his personal satisfaction at seeing the MIKE process initiated in Asia. The origin of the MIKE programme can be traced back to CITES CoP 10 in 1997, with the adoption of Resolution Conf. 10.10. MIKE is a site based sampling system which has had great support from the African range States in its initial phase of implementation. The CITES Secretariat is keen to see its implementation start in Asia as the information provided at site, national, sub-regional and continental levels will help the conservation of the Asian elephant. The administrative structure of MIKE is innovative and serves as an effective conduit for communication between the CITES Secretariat and range States. The institutional benefits of MIKE will last long after the external support for the MIKE programme has ended. Dr Armstrong emphasized that the MIKE Programme aimed at providing the long-lasting institutional capacity necessary for CITES Parties to sustainably manage their wildlife resources.

2. Objectives of MIKE

A presentation summarizing the objectives and intended benefits and results of the MIKE programme was made by the MIKE Director. A copy of the presentation is attached here in Annex I.

In summary, the purpose of MIKE is to provide information needed for elephant range States to make appropriate management and enforcement decisions, and to build institutional capacity within the range States for the long-term management of their elephant populations. The importance of capacity building and providing the range States with information was emphasized.

The main benefit therefore will include an increased knowledge of elephant numbers and the changes in these numbers and a better understanding of the threats to their survival, as well as the associated knowledge of other species and their habitats generally.
3. Institutional Arrangements

3.1 Structure and Coordination

The diagram depicting the MIKE institutional arrangements has been adopted in the African Sub-regions and is attached in Annex II. This structure was being recommended by the MIKE Director for consideration in Asia.

As mandated by CoP 11, the implementation of MIKE is the responsibility of the Standing Committee, who have in turn established a Sub-committee, known as the MIKE Sub-group, to carry out that responsibility. Prior to the establishment of the Central Co-ordinating Unit and a MIKE Director to head the unit, the implementing action has been undertaken by the CITES Secretariat, but this has now been delegated to the Director, who reports to the Deputy Secretary General and the MIKE Sub-group. The Director and his Central Co-ordinating Unit are located in Nairobi, Kenya.

Each of these Sub-regions will have their MIKE implementation supervised by a Sub-regional Steering Committee (SSC), comprising of range state representatives (usually nominated at the level of a Wildlife Director or equivalent). The SSC will elect a chairperson who will become the main contact person for the MIKE Director. The MIKE implementation will be facilitated by a Sub-regional Support Office, who reports to the Director. Each Range State would then have a National Officer and Site officers as the core staff for implementing MIKE in their respective countries.

In addition, there is a MIKE Technical Advisory Group (TAG). This group comprises one expert drawn from each Sub-region and, to date, 4 extra nominated specialists. The principal role of the TAG is to guide the technical quality of MIKE processes and techniques. The TAG also acts as a peer review group and any challenge on any outcomes of analysis may be referred to them.

3.2 Roles and Terms of Reference

The roles of the National and Site officers were outlined by the Director. These are attached as Annex III.

In addition there would be a Sub-regional Support Officer (SSO), who would be appointed full time by MIKE to provide technical support to the South Asian sub-region. The terms of reference for this officer are provided in Annex IV and they reflect the request of the meeting to specify the role of the SSO in regard to the SSC and its chairman.
3.3 Decisions taken

The following decisions on the Institutional Arrangements for MIKE were reached by the range States:

i) The establishment of the Sub-regional Steering Committee, National Officers and Site Officers was approved. (It was recognized that this structure was the essential one and did not preclude developing it to take into account the participation of different institutions and federal/state relationships)

ii) The nomination of India as Chair of the Sub-regional Steering Committee for the period of 2 years was proposed and approved. The Chair shall be on a rotational basis and elected by the range States.

iii) The location of the Sub-regional Support Office in New Delhi was proposed and duly approved.

As a result of these decisions, each range State was requested to send their nominations to the MIKE Director for the Steering Committee member, National and Site Officers before the end of March 2003.

4. Site Selection

4.1 List of MIKE Sites for Phase I Implementation

13 sites (possibly 15 with Sri Lanka) were identified by the range States for the start-up of MIKE implementation with some reserved sites for MIKE implementation in future.

The Director will follow up with Bhutan and Sri Lanka on the confirmation of their sites.

<table>
<thead>
<tr>
<th>No</th>
<th>Region/State/Province</th>
<th>Sites</th>
<th>Priority</th>
<th>Estimated Population</th>
<th>Area (sq km)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Uttaranchal (Northern India)</td>
<td>Shivalik Elephant Reserve</td>
<td>4</td>
<td>1391</td>
<td>5405</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Karnataka (Southern India)</td>
<td>Mysore Elephant Reserve (E.R.)</td>
<td>1</td>
<td>5838</td>
<td>6724</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Tamilnadu (Southern India)</td>
<td>Nilgiri E.R.</td>
<td>2</td>
<td>1938</td>
<td>4663</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Kerala (Southern India)</td>
<td>Wayanad E.R.</td>
<td>5</td>
<td>861</td>
<td>1200</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>West Bengal (North-East India)</td>
<td>Eastern Dooars E.R.</td>
<td>6</td>
<td>165</td>
<td>978</td>
<td>Bordering Bhutan</td>
</tr>
<tr>
<td>6</td>
<td>Assam (North-East India)</td>
<td>Western Assam E.R.</td>
<td>3</td>
<td>807</td>
<td>2837</td>
<td>Bordering Bhutan</td>
</tr>
<tr>
<td>7</td>
<td>Meghalaya (North-East India)</td>
<td>Garo Hills E.R.</td>
<td>7</td>
<td>878</td>
<td>3500</td>
<td>Bordering Bangladesh</td>
</tr>
<tr>
<td>8</td>
<td>Assam (North-East India)</td>
<td>Dibru E.R.</td>
<td>9</td>
<td>457</td>
<td>1197</td>
<td>Bordering Myanmar</td>
</tr>
<tr>
<td>9</td>
<td>Arunachal Pradesh (North-East India)</td>
<td>Deomali E.R.</td>
<td>10</td>
<td>150</td>
<td>900</td>
<td>Bordering Myanmar</td>
</tr>
<tr>
<td>10</td>
<td>Orissa (Eastern India)</td>
<td>Mayurbhanj E.R.</td>
<td>8</td>
<td>565</td>
<td>3214</td>
<td></td>
</tr>
</tbody>
</table>
### ii) Bangladesh

<table>
<thead>
<tr>
<th>No</th>
<th>Forest Division / District</th>
<th>Sites</th>
<th>Priority</th>
<th>Estimated Population</th>
<th>Area (sq km)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>11</td>
<td>Chittagong/Chittagong District</td>
<td>Chunati Game Reserve</td>
<td>1</td>
<td>24-30</td>
<td></td>
<td>Resident population</td>
</tr>
</tbody>
</table>

### iii) Nepal

<table>
<thead>
<tr>
<th>No</th>
<th>District</th>
<th>Site</th>
<th>Priority</th>
<th>Estimated Population</th>
<th>Area (sq km)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Western Nepal</td>
<td>Royal Shukla Phanta Wildlife Reserve</td>
<td>1</td>
<td>Not certain</td>
<td>155</td>
<td>Bordering India</td>
</tr>
</tbody>
</table>

### iv) Bhutan

<table>
<thead>
<tr>
<th>No</th>
<th>District</th>
<th>Site</th>
<th>Priority</th>
<th>Estimated Population</th>
<th>Area (sq km)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>Southern Bhutan</td>
<td>Royal Manas National Park</td>
<td>1</td>
<td></td>
<td></td>
<td>Bordering India's Western Assam E.R.</td>
</tr>
</tbody>
</table>

### v) Sri Lanka

In his visit in December 2002, Sri Lanka had proposed two possible sites for MIKE implementation to the Director, one of which is the Yala National Park.

### 4.2 List of 2nd Phase Sites

i) Bangladesh

Aside from the priority site of the Chunati Game Reserve in the Chittagong Forest Division, the Sherpur Forest Area (Sherpur District, Mymensingh Forest Division) was listed by Bangladesh as a site for possible future MIKE implementation.

ii) Nepal

Similarly in Nepal, aside from the priority site of Royal Shukla Phanta Wildlife Reserve, three further sites were listed as sites for possible future MIKE implementation:

- Extension of Royal Shukla Phanta Wildlife Reserve into its adjacent corridor
- Koshi-Jhapa Wildlife Reserve (177 sq km) in eastern Nepal
- Royal Chitwan National Park (932 sq km) and Parsa Wildlife Reserve (499 sq km) in southern Nepal
4.3 Some Funding Considerations

i) Matching Fund Commitment from India

The 10 sites nominated by India were agreed on the basis that MIKE external funds and Project Elephant would provide matching funds on a 50-50 arrangement.

ii) Bhutan Population Surveys

It was further agreed that the Director would seek funding to assist Bhutan to get a better understanding of its entire elephant population and distribution pattern.

5. MIKE Forms

The forms that are currently being used for data collection in the four sub-regions in Africa were tabled. It was emphasized that these forms need to be adapted to the needs of Asian elephants and the parties were invited to provide input for improving them. The forms were specifically designed to ensure that all information is compatible and can be analyzed so as to take into account cross border populations.

On the Daily Patrol forms, it was suggested that this should be adapted to take into account the situation of ground patrols in the sub-region. All patrols are conducted in compartments known as “beats”, who know at all times where and how their patrol routes are. The Patrol forms could therefore be simplified to render them more relevant to the situation on the ground.

On the Carcass report form, this should be used not only for any carcass found within a site, but throughout the elephant range. There is also a need to adapt the Live Elephant Observations form to assist in monitoring male tuskers and the male – female ratios.

It was agreed that the adaptation of these Forms will be discussed in detail and agreed when the meeting to tackle the issue of methodology for population survey is convened in Bangalore in May 2003.

6. Population Survey

It was proposed and agreed that a meeting to discuss the methodology for population survey of the Asian elephants shall be convened in Bangalore (or possibly in Mulumala (Tamil Nadu)) between May – June 2003. The parties were requested to provide recommendations to the Director as to the names of experts from their range States who should be invited to attend.

7. Data Management

Inputs were provided by the range States for improving the draft Data Policy which prescribes the procedure for information and data handling, access and release policy and protocols under the MIKE process.

The revised draft of the Data Policy is attached in Annex V.
8. **Next Steps**

The following list outlines the next steps that need to be taken towards the full implementation of MIKE in the South Asia subregion:

**Range States**

- Formally nominate in writing the National Subregional Steering Committee member, National Officer and Site Officers by 31 March 2003.

- The range States were requested to submit a list of suitable candidates for two additional nominations to the Technical Advisory Group. Recommendations will be made through the CITES Secretariat and appointment will be approved by the MIKE Sub-Group.

**Director of the MIKE Central Coordinating Unit**

- Submission of funding proposals: 2 – 3 months to secure

  The Director would commence the process for grant applications to donors, in particular the Asian Elephant Conservation Fund of the US Fish and Wildlife Service. The matching funds from Japan will be utilized for the recruitment and office start-up for the Sub-regional Support Officer for South Asia.

- Recruitment of the SSO:

  It was agreed by all representatives that the recruitment process of the SSO should be speeded up. The range States will submit as soon as possible names of suitable candidates from their sub-region and shortlisting and selection will be made by the MIKE Director in consultation with the Chairman of the SSC.

  If the shortlist process fails, the position of the SSO will be advertised.

- Convene Methodology Meeting: May 2003

  Dr Sukumar shall be the focal point for coordinating the meeting date and venue in Bangalore, or possibly in Mulumala (Tamil Nadu).

- Procurement of Equipment: Date dependant on obtaining funds
  - GPS equipment
  - Computer systems

  (Dr Sukumar to provide advice on the potential suppliers.)

- Identify 1st Regional Training Workshop: May or June onwards, dependent on funds

  The convening of the first training workshop for all National and Site Officers will be subject to the recruitment of the SSO and office start-up in New Delhi.

- Follow-up visit by the Director to Sri Lanka and Bhutan scheduled in May/June.
9. Concluding Remarks and Closure

The Director expressed his gratitude to the range States for their participation. A “follow-up” trip to Sri Lanka and Bhutan was scheduled to resolve and detail their participation in the MIKE Programme for South Asia. Special thanks was given to Mr S. S. Bist and his team for their assistance in organizing the meeting in Delhi, in particular the Central Zoo Authority for providing the audio-visual equipment.

Mr Bist, Director, Project Elephant of India took the opportunity to express his thanks to the CITES Secretariat, the USFWS and the MIKE CCU on behalf of all the range States representatives. Mr Bist expressed his appreciation of the objectives of MIKE and noted as the Chairman of the SSC, that he would certainly take advantage of the structure to discuss the details surrounding the implementation of the MIKE monitoring system, in particular, the capacity-building aspects which may be especially important to Bhutan.

The meeting was closed by Dr Armstrong on behalf of the CITES Secretariat who expressed his admiration and congratulation to the range States for their vision in adopting the MIKE mechanism at the sub-regional level. The level of cooperation, collaboration and constructive dialogue experienced during this meeting bodes well for the development of the MIKE into a valuable national management tool and a crucial mechanism for effective management of the Asian elephants.
List of Participants

**Bangladesh**

**Mr Anwar Faruque**  
Chief Conservator of Forests  
Office of the Chief Conservator of Forests  
Ban Bhaban, Mohakhali  
Dhaka 1212  
BANGLADESH  
Tel : +88 (02) 988 6361  
Fax : +88 (02) 881 0704  
Mobile : +88 0171 100774  
Email : bforest@citechco.net / dnewaz@aitlbd.net

**Mr Abdul Mutaleb**  
Conservator of Forests  
Administration & Finance  
Ban Bhaban, Mohakhali  
Dhaka 1212  
BANGLADESH  
Tel : +88 (02) 882 8364 /988 0828  
Fax : +88 (02) 881 0704  
Email : bforest@citecho.net

**Bhutan**

**Mr Phento Tshering**  
Divisional Forest Officer  
Department of Forestry Services  
GEDV Forest Division  
Chukka Dzongkhag  
BHUTAN  
Tel : +975 5 272310  
Fax : +975 5 272364  
Email : dfogedu@druknet.bt

**Mrs Deki Phuntso Yonten**  
Head, Species Conservation, Research and Monitoring Section  
Nature Conservation Division  
Department of Forestry Services  
Ministry of Agriculture  
Tashichodzong  
Thimphu  
BHUTAN  
Tel : +975 232 5042  
Fax : +975 232 5475 / 232 2395  
Email : dekiyonten@hotmail.com / dekiy2000@yahoo.com

**India**

**Mr S. S. Bist**  
Director, Project Elephant  
Government of India  
Ministry of Environment and Forests  
Room No. 126  
Paravaran, Bhavan  
C. G. O. Complex  
Lodhi Road  
New Delhi 110003  
INDIA  
Tel : +91 (11) 24360957  
Email : elephant@menf.delhi.nic.in

**Dr Raman Sukumar**  
Committee Member, Project Elephant  
Centre of Ecological Sciences  
Indian Institute of Science  
Bangalore 560012  
INDIA  
Tel : +91 (80) 3600382  
Fax : +91 (80) 3602280  
Email : rsuku@ces.iisc.ernet.in / asesg@ces.iisc.ernet.in

**Dr. Sushant Chowdhury**  
Senior Reader  
Wildlife Institute of India  
PO Box 18 Chandrabani  
Dehradun 248 001  
INDIA  
Tel : +91 (0135) 640111/2/3/4/5 extn 206  
Fax : +91 (0135) 640117  
Email : sushant@wii.gov.in

**Mr K. N. Thakur**  
Assistant Management Authority for CITES  
Deputy Director of Wildlife Preservation  
Ministry of Environment & Forest  
Bikaur House, Annex No. 4  
Paravaran, Bhavan  
C. G. O. Complex  
Lodhi Road  
New Delhi 110003  
INDIA  
Tel : +91 (11) 23384556  
Fax : +91 (11) 23384556  
Email : ddnr@vsnl.net
Nepal

Mr Narayan Prasad Paudel
Deputy Director General
Department of National Parks & Wildlife Conservation
P. O. Box 860
Babar Mahal
Kathmandu
NEPAL
Tel : 977-1- 220912, 220850
Fax No. : 977-1-227675
Email : dnpwc@bdcin.wlink.com.np

Mr Shiv Raj Bhatta
Planning Officer
Department of National Parks & Wildlife Conservation
P. O. Box 860
Babar Mahal
Kathmandu
NEPAL
Tel : 977-1-256046, 220912
Fax No. : 977-1-227675
Email : shivbhatta@hotmail.com

MIKE

Mr Nigel Hunter
Director
CITES MIKE Programme
P. O. Box 68200
Nairobi
KENYA
Tel : +254 2 570522
Fax : +254 2 570385
Email : nigelhunter@citessmike.org

Miss Linda Yeo
Programme Support
CITES MIKE Programme
P. O. Box 68200
Nairobi
KENYA
Tel : +254 2 570522
Fax : +254 2 570385
Email : lindayeo@citessmike.org

CITES Secretariat

Dr Jim Armstrong
Deputy Secretary General
CITES Secretariat
International Environment House
15, chemin des Anemones
1219 CHATELAINE
Geneva
SWITZERLAND
Tel : 41 22 917 8139/40
Fax : 41 22 797 3417
Email : jim.armstrong@unep.ch

US Fish and Wildlife Service

Dr Karl Stromayer
US Fish and Wildlife Service
Division of International Conservation
4401 North Fairfax Drive
Room 730
Arlington VA
22203-1622
USA
Tel : (1) 703-358-1764
Fax : (1) 703-358-2849
Email : Karl_Stromayer@fws.gov

Absent with Apologies

Sri Lanka

Mr H.M.B.C. Herath
Acting Director General of Wildlife Conservation
Department of Wildlife Conservation
18 Gregory’s Road
Colombo 7
SRI LANKA
Tel : +94 1 678 751
Fax : +94 (1) 698 645
Email : hdr@dwlc.lk

Mr. M.S.O.M. Amararathne
Assistant Director
Department of Wildlife Conservation
18 Gregory’s Road
Colombo 7
SRI LANKA
Tel : +94 1 678 751
Fax : +94 (1) 698 645
Email : hdr@dwlc.lk