

**ROYAL GOVERNMENT OF CAMBODIA**

**Presentation on**

**MINE ACTION ACHIEVEMENTS**

**AND**

**THE WAY AHEAD**

**AT**

**THE STANDING COMMITTEE ON MINE  
CLEARANCE, MINE RISK EDUCATION AND  
MINE ACTION NEW TECHNOLOGIES**

**GENEVA – 14 JUNE 2005**

## **Contents**

- **Mine & UXO Problems and Accidents**
- **Mine Action Achievements 1992 to 2004**
- **National Work Plan for Clearance 2005**
- **Five Year Mine Action Plan 2005 to 2009**
- **Mine Risk Education**
- **Implementation of Socio-Economic Integration**
- **Requirements for Supports**



## Mine and UXO Problems

### Level One Survey (L1S) Results

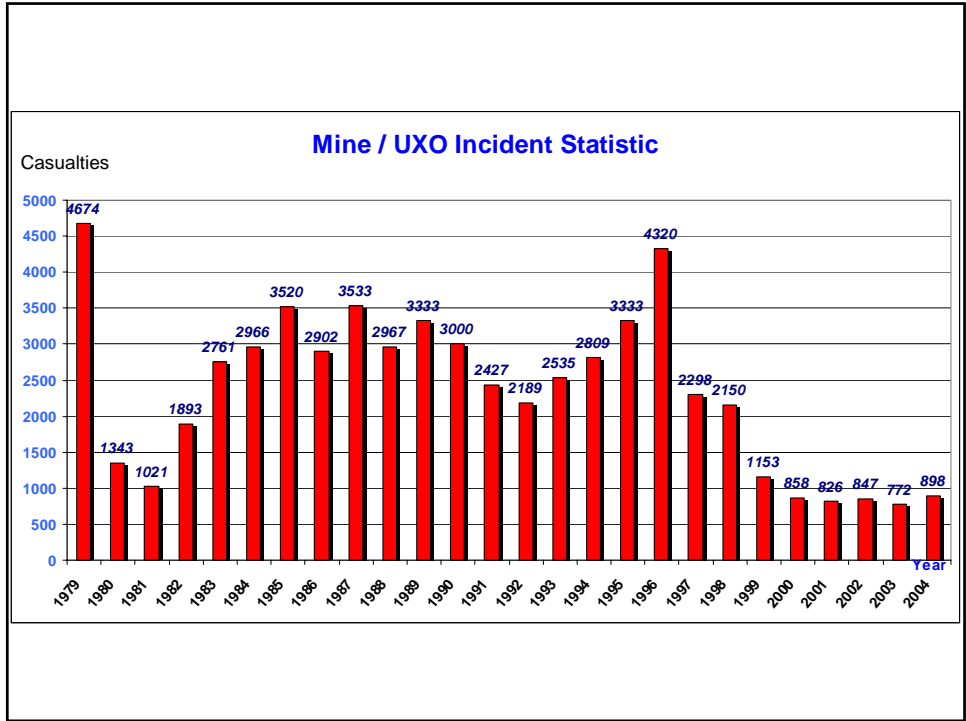
- 13,908 villages surveyed
- 3,000 suspected mined areas, including 300 with cluster bombs
- 11,400 UXO spots
- 4466 sqkm<sup>2</sup> of suspected mined areas

## Mine and UXO Problems

Assumption : only 10% of the areas are practically impacted which are major contaminated:

- |                        |                       |
|------------------------|-----------------------|
| - Severe impact areas: | 122 sqkm <sup>2</sup> |
| - High impact areas:   | 180 sqkm <sup>2</sup> |
| - Medium impact areas: | 103 sqkm <sup>2</sup> |
| - Low impact areas:    | 19 sqkm <sup>2</sup>  |

|                             |                             |
|-----------------------------|-----------------------------|
| Total Areas to be Cleared : | <hr/> 424 sqkm <sup>2</sup> |
|-----------------------------|-----------------------------|



**Accidents by Mine & UXO**

| Year         | Accidents    | Mine         |            | UXO          |            |
|--------------|--------------|--------------|------------|--------------|------------|
|              |              | TOTAL        | %          | TOTAL        | %          |
| 2000         | 863          | 461          | 53%        | 402          | 47%        |
| 2001         | 829          | 863          | 49%        | 823          | 51%        |
| 2002         | 841          | 366          | 44%        | 475          | 56%        |
| 2003         | 771          | 362          | 47%        | 410          | 53%        |
| 2004         | 891          | 341          | 38%        | 550          | 62%        |
| <b>TOTAL</b> | <b>4,196</b> | <b>1,936</b> | <b>46%</b> | <b>2,260</b> | <b>54%</b> |

**ACHIEVEMENTS**  
**1992-2004**  
**Clearance**  
**and**  
**National Co-ordination**

**Achievements**

- **Restructuring mine action with legal frame work,**
- **Developing a National Strategic Plan and a Five Year Mine Action Plan (FYMAP)**
- **Integrating mine action activities in the SEDP and in the National Poverty Reduction Strategy**
- **Developing the 9th Cambodian Millennium Development Goal**

## **Achievements**

(Continuation)

- **Establishing Socio-Economic Planning Cluster**
- **Establishing Quality Management/Monitoring Cluster**
- **Developing Cambodian Mine Action Standards:**
  - **Application of Cambodian Mine Action Standards**
  - **Accreditation and Licensing**
  - **Monitoring of demining organizations**
  - **Storage, transportation and handling of explosives**
  - **Reporting and investigation of demining incidents**

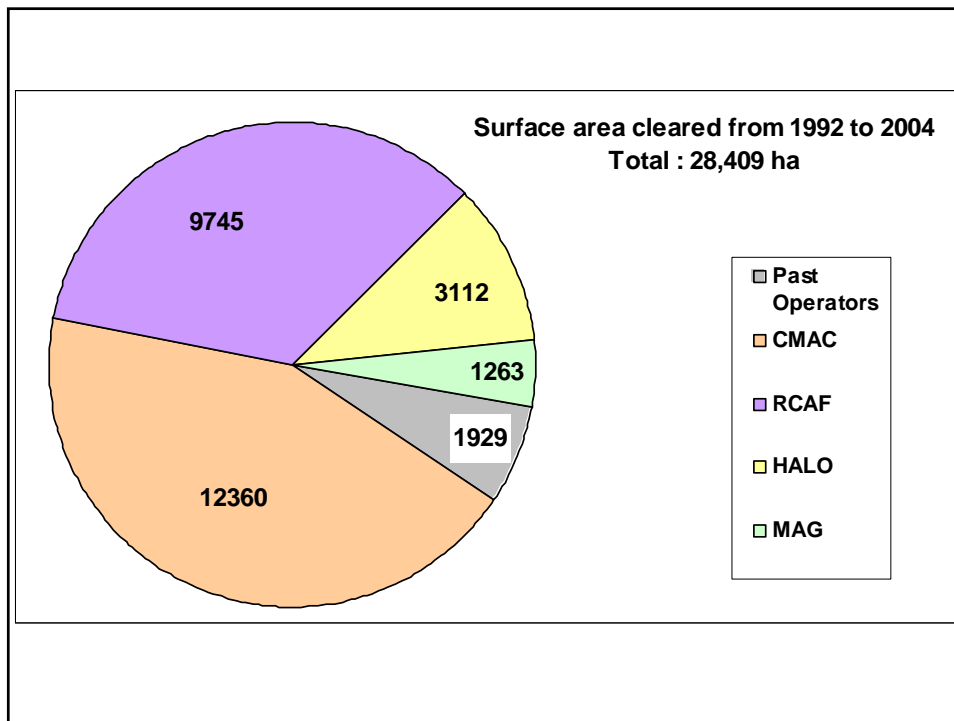
## **CMAA Achievements**

(Continuation)

- **Conducting routine co-ordination of mine action**
- **Conducting seminars/national and regional workshops**
- **Establishing a National Database Centre:**
  - **Maintaining data collected during national L1S**
  - **Collecting and analysing new data**
  - **Analysing mine incidences, overlaying clearance sites**
  - **Producing National Atlas of Contamination**
  - **Producing maps with bombing records (1970-1973)**

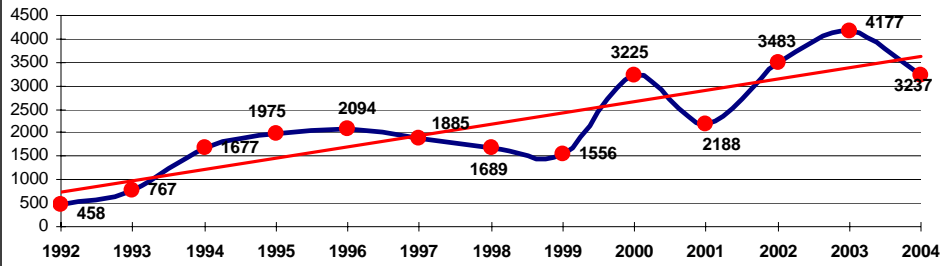
## CLEARANCE ACHIEVEMENTS

|                             |                             |
|-----------------------------|-----------------------------|
| <b>Progress 1992 – 2004</b> | <b>284 sqkm<sup>2</sup></b> |
| - CMAC                      | 124 sqkm <sup>2</sup>       |
| - MAG                       | 13 sqkm <sup>2</sup>        |
| - HALO Trust                | 31 sqkm <sup>2</sup>        |
| - RCAF                      | 97 sqkm <sup>2</sup>        |
| - Past operators            | 19 sqkm <sup>2</sup>        |
| <br>                        |                             |
| • Clearance                 |                             |
| - APM                       | 491,295                     |
| - UXO                       | 1,103,896                   |
| - ATM                       | 14,375                      |

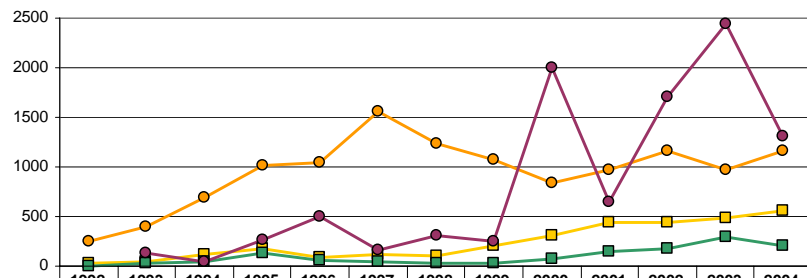


**Total surface area cleared from 1992 to 2004 (28,409 ha)**

**- Trend -**



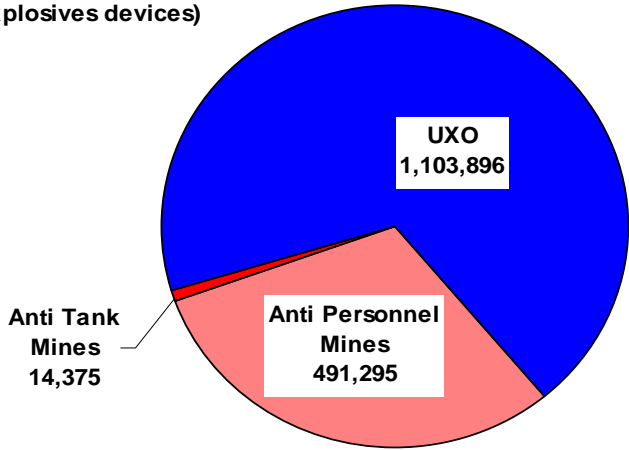
**Area cleared every year by current operators from 1992 to 2004 (hectares)**



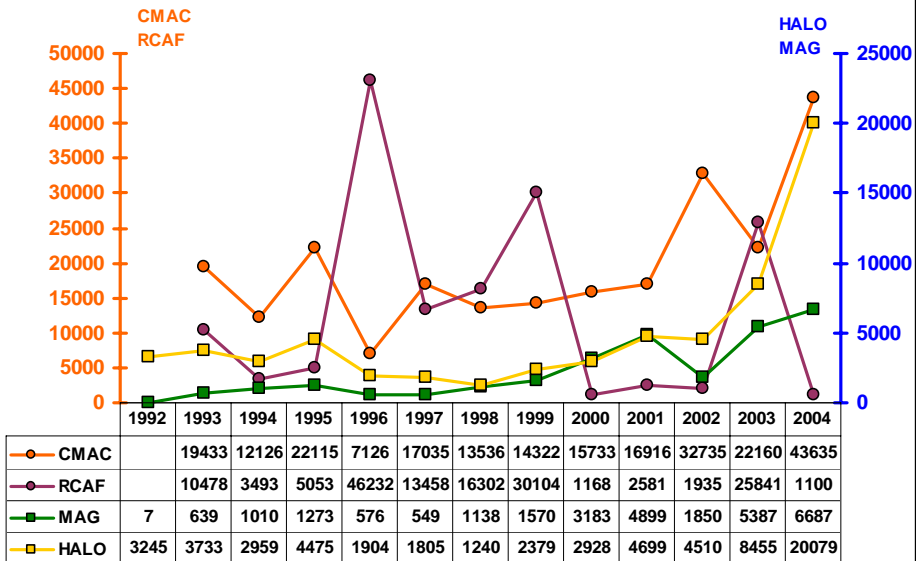
| Year         | 1992 | 1993 | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| HALO (3112)  | 35   | 40   | 113  | 172  | 95   | 123  | 110  | 199  | 309  | 434  | 437  | 482  | 563  |
| CMAC (12360) | 250  | 398  | 687  | 1015 | 1049 | 1556 | 1238 | 1080 | 837  | 964  | 1158 | 971  | 1157 |
| MAG (1263)   | 0,15 | 25   | 50   | 134  | 57   | 39   | 37   | 34   | 78   | 142  | 176  | 289  | 204  |
| RCAF (9745)  |      | 130  | 37   | 258  | 497  | 167  | 304  | 243  | 2001 | 648  | 1712 | 2435 | 1313 |

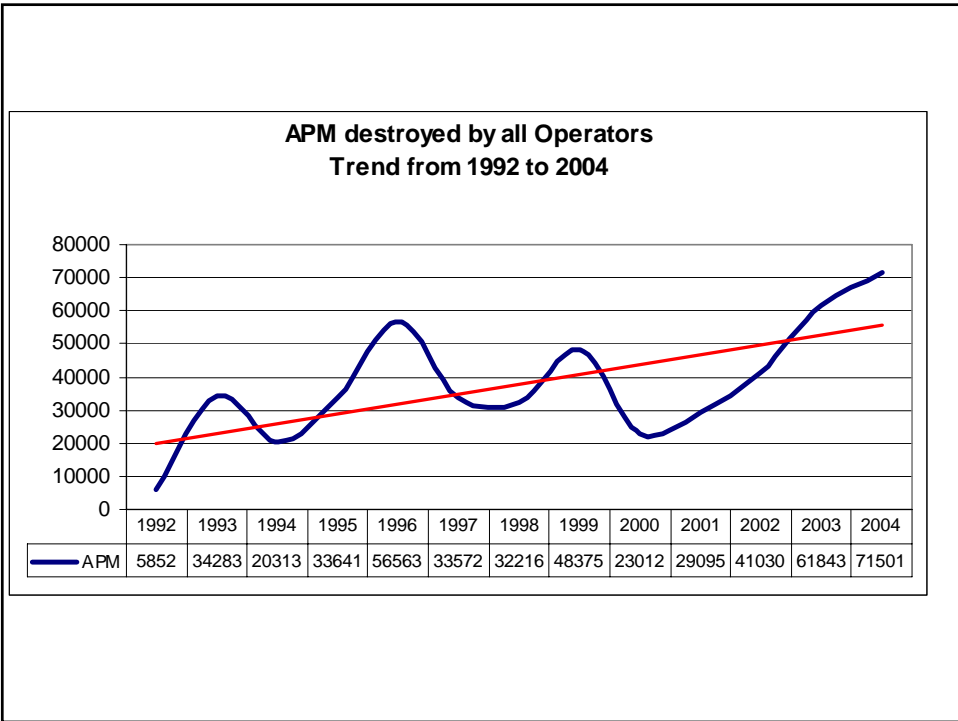
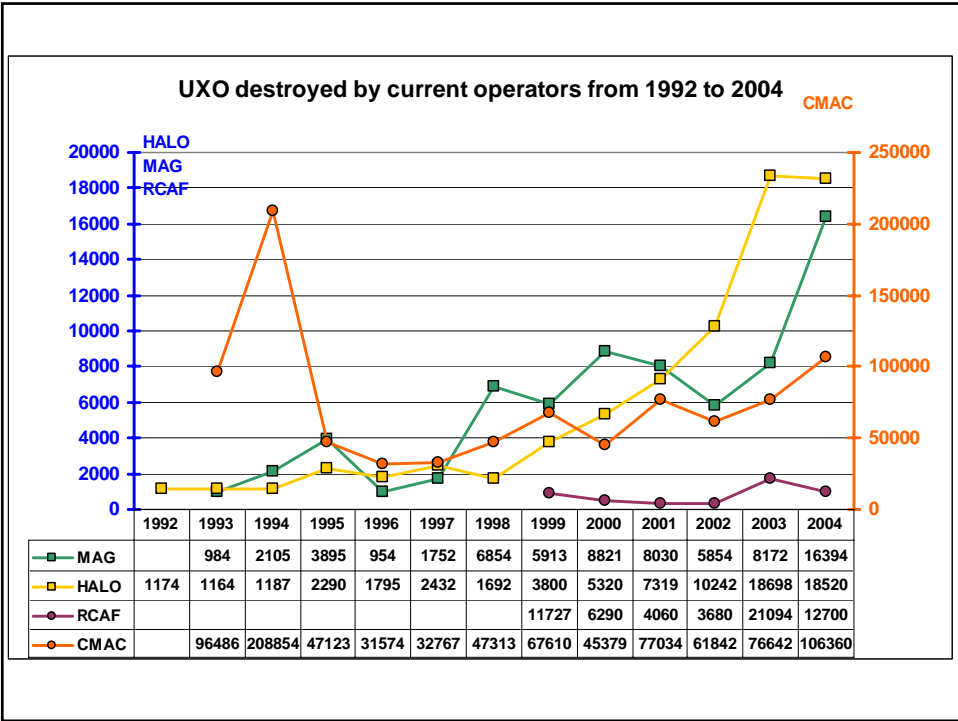


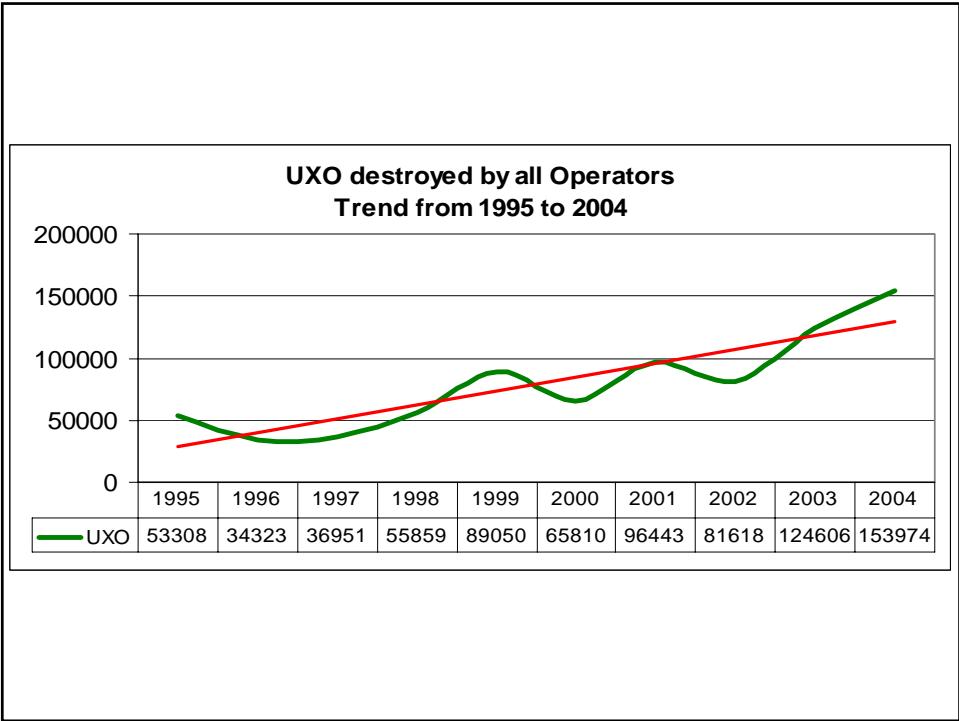
**Mine/UXO destroyed by demining agencies  
from 1992 to 2004**  
(1,609,566 explosives devices)



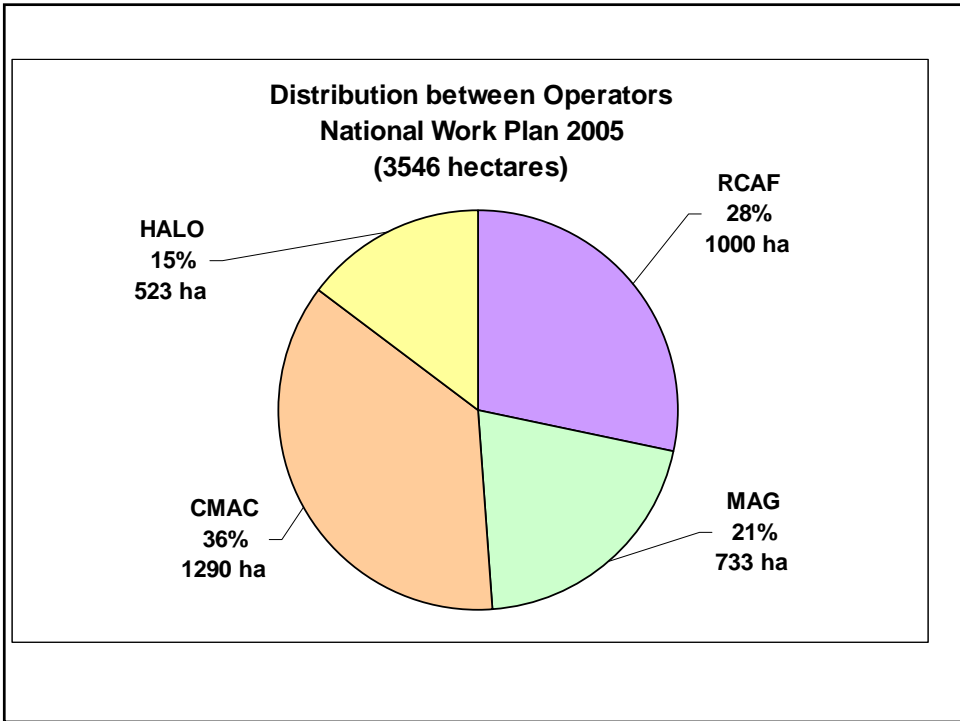
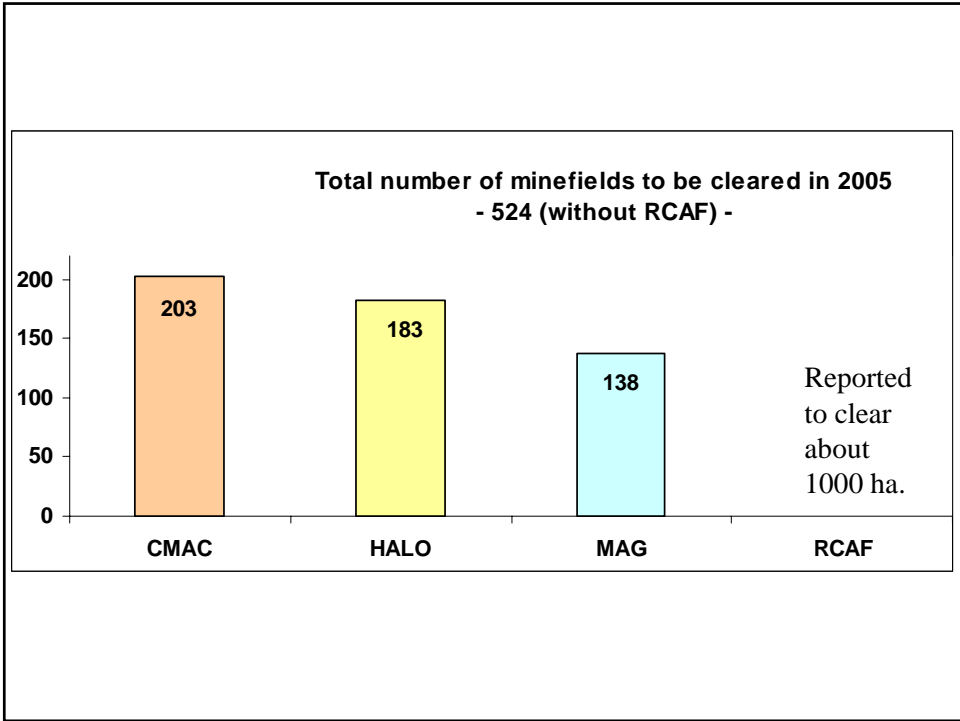
**APM destroyed by all operators from 1992 to 2004**



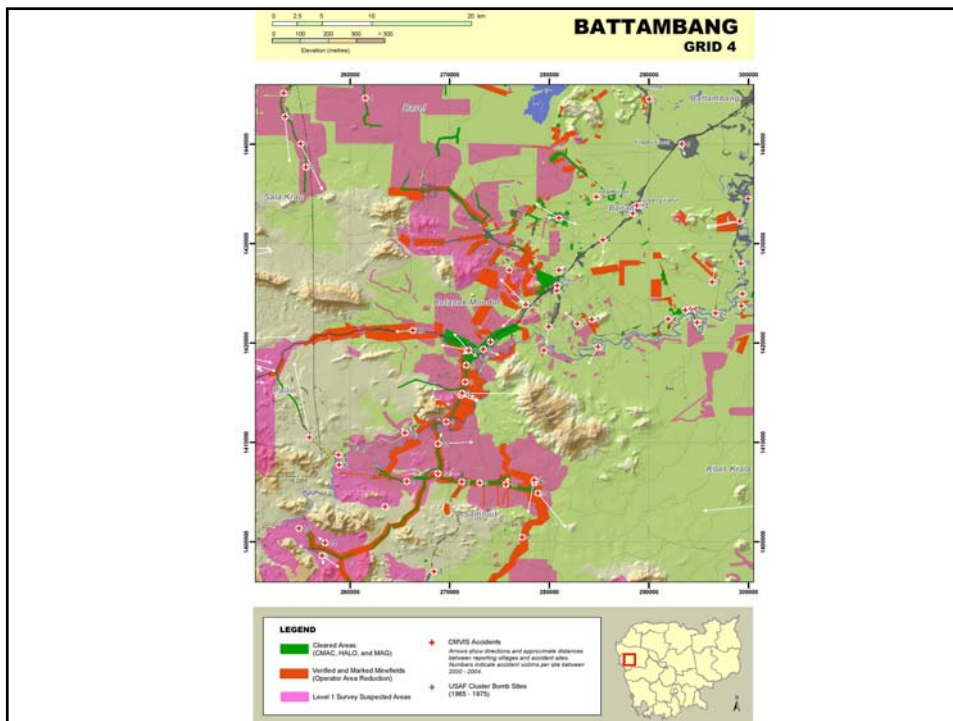
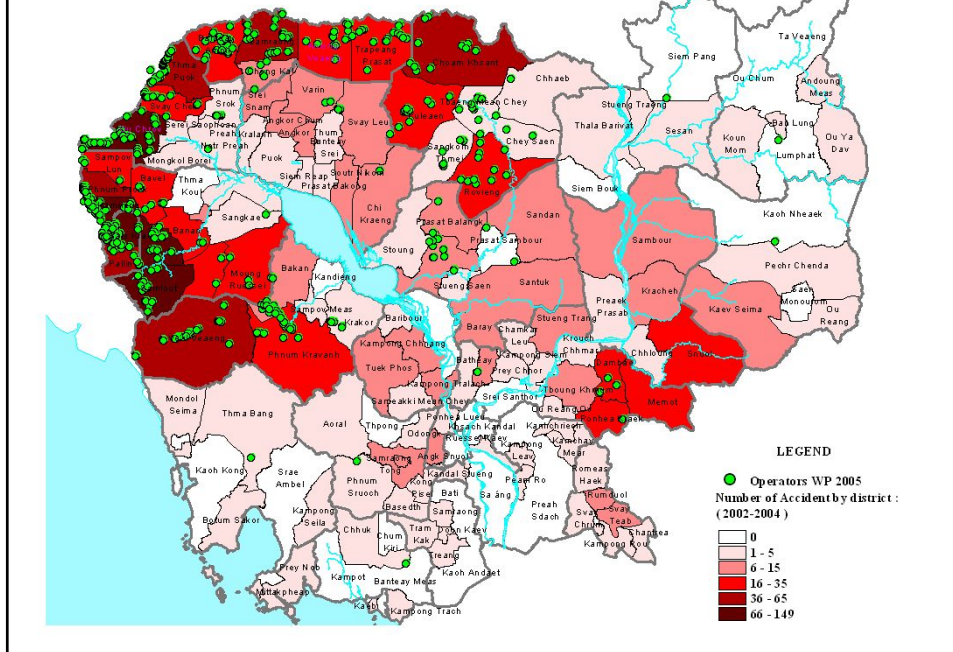


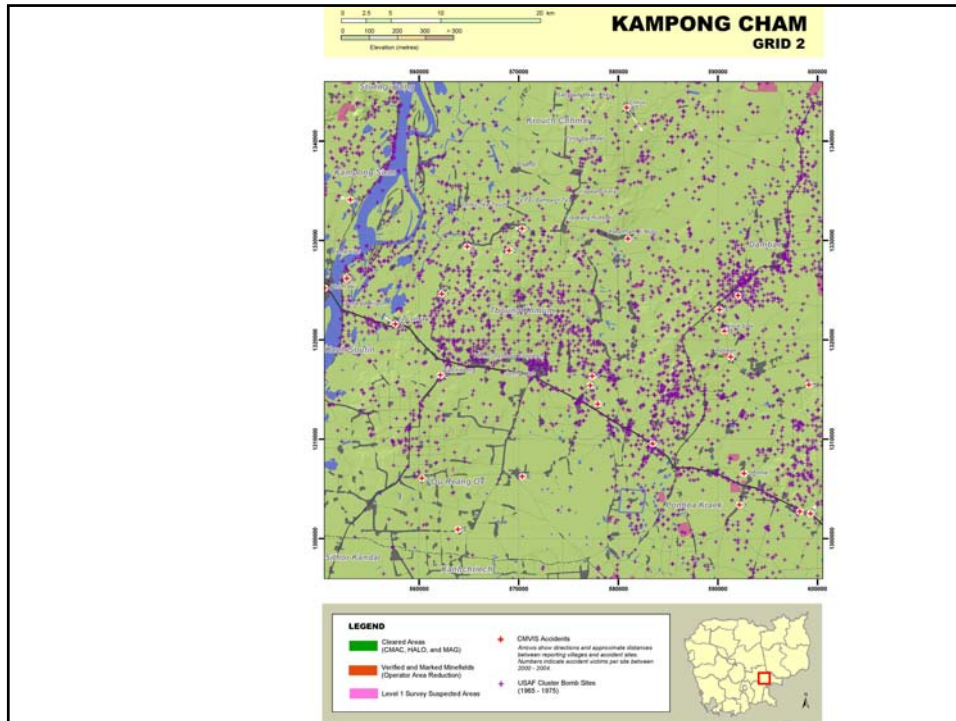


**National work plan  
2005**



# WORK PLAN OF 2005 COMPARED TO ACCIDENTS 2002-2004





## Five Year Mine Action Plan “2005 - 2009”

## **Five Year Mine Action Plan**

**Goal 1- Implementation of National Co-ordination**

**Goal 2- Improvement of Socio-Economic Action**

**Goal 3- Expanding Upon Mine Action Achievements**

**Goal 4- Development of Preventive and Curative**

**Responses:**

- Mine Risk Education (Mine Awareness)
- Victim Assistance

## **Five Year Mine Action Plan (Continuation)**

**Goal 1: Enhancement of the National Coordination**

- **Strengthen national coordination mechanisms**
  - Consultation Group and Technical Coordination Team
  - Mine Action Coordination Committee (MACC)
  - Mine Risk Education Working Group
  - Mine Action Advisory Board/ Technical Working Group
  - Technical Advisory Board (TAB)
  - Provincial Mine Action Committee
- **Strengthening the National Mine Action Database Center**

## **Five Year Mine Action Plan** (Continuation)

### **Goal 2: Improvement of Socio-Economic Actions**

- **Development of SE regulations for clearance pro-poor prioritization – Management on Clearance Guidelines**
- **Selection of land to be cleared according to SE concerns**
- **Implementation of SE mechanism & Mine Action Planning Unit**
- **Compilation of priorities at local and national levels**

## **Five Year Mine Action Plan** (Continued)

### **Goal 2: Improvement of SE Actions** (continued)

- **Links with ministries, provinces and operators**
- **Management and approval of annual clearance plan to be submitted by the provincial authority**
- **Establishment of way to evaluate socio-economic impact**
- **Strengthening the PMAC and MAPU**



## **Five Year Mine Action Plan** (Continuation)

### **Goal 3: Expanding Upon Mine Action Achievements**

- **Reduce the number and size of the suspected mine areas**
- **Prioritize based on impact**
- **Rationalize the distribution of clearance capacities**
- **Application of regulations and national standards on mine/UXO clearance**
- **Implementation of Quality Management Capacity and Effective and Sustainable Monitoring System**
- **Application of new technologies**

## **Five Year Mine Action Plan** (Continuation)

### **Goal 4: Development of Preventive and Curative Responses**

- **Coordination of mine risk education activities**
- **Integration of mine risk education standards**
- **Coordinate with MoSAVY and Disability Action Council and relevant national and international Organizations on victim assistance issues**

# **MINE RISK EDUCATION (MINE AWARENESS)**

## **Mine Risk Education**

### **Current MRE Stakeholders:**

- **Cambodian Mine Action Centre (CMAC)**
- **Ministry of Education, Youth & Sports (MoEYS)**
- **Cambodian Red Cross (CRC)**
- **Mines Advisory Group (MAG)**
- **HALO Trust (HALO)**
- **World Vision (WV)**
- **Save the Cambodia Wild Life (SCW)**
- **Community outreach groups**
- **UNICEF, HI, CCBL, NPA, ECHO, CARE, JMAS**

## **MINE RISK EDUCATION**

### **Mine Risk Education Working Group Term of References**

- **To integrate of mine risk education standards**
- **To strengthen the linkage within MRE and operators**
- **To review MRE messages, materials, implementing strategies & sharing reports of MRE**
- **To Advocate for Universalization of Mne Ban Treaty**
- **To update MRE strategy into Khmer language**
- **To coordinate yearly Mine Awareness Day**

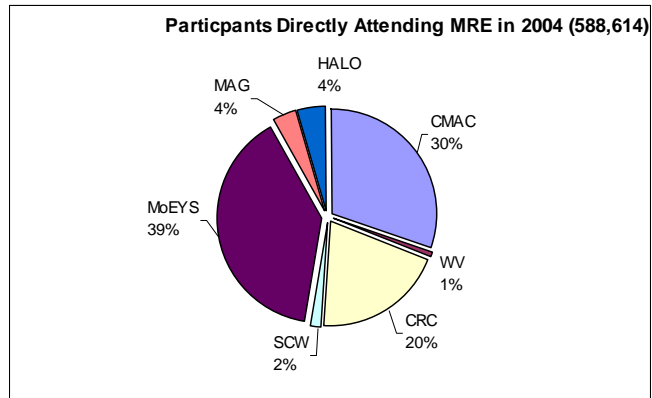
## **Mine Risk Education**

### **Methodology**

- **Mine/UXO Risk Education Team Campaign**
- **Mass Media Campaign**
- **Billboard Campaign**
- **NGO Campaign**
- **Integrated Approaches**
- **Mine Awareness Day**
- **MRE Coordination Working Group**

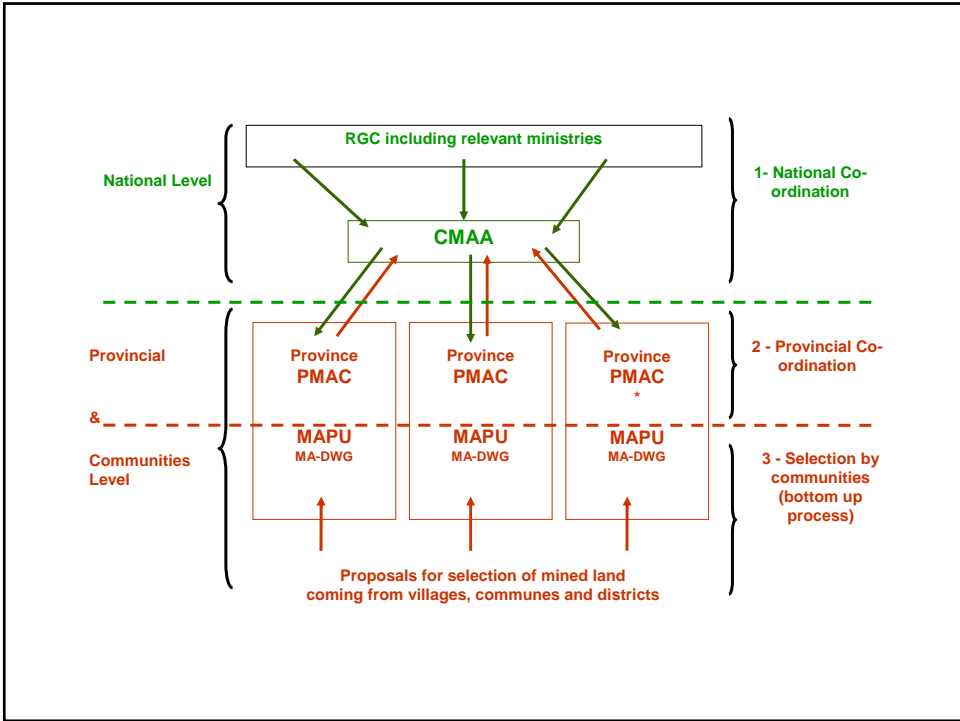
## MINE RISK EDUCATION

### Achievement 2004



A total of 5,119 Landmines and 30,371 UXO were destroyed according to the request made through the MRE networks

## Implementation of the Sub-decree Mechanism



# Funding Needs Per Year

| <b>FUNDINGS</b> |              | <b>LAND CLEARED</b>        |
|-----------------|--------------|----------------------------|
| 4 OPS.          | \$29m        | 32 sqkm <sup>2</sup>       |
| CMAA            | \$ 1m        | Coordination               |
| <b>TOTAL</b>    | <b>\$30m</b> | <b>32 sqkm<sup>2</sup></b> |

| <b>CMAA BUDGET NEEDED IN 2005 AND 2006</b>       |                      |
|--|----------------------|
| National Coordination                            | 200,000              |
| Update L1S Contamination                         | 50,000               |
| Focal point for MRE                              | 60,000               |
| Implementation of the integration                |                      |
| Mine clearance in development                    | 200,000              |
| Information management and publications          | 100,000              |
| Post clearance monitoring (SE cluster)           | 200,000              |
| Implement CMAS/Monitoring and Evaluation Cluster | 200,000              |
| Victim assistance coordination                   | 40,000               |
| <b>TOTAL:</b>                                    | <b>USD 1,050,000</b> |

**THANK YOU FOR YOUR  
ATTENTION !**