

LAND RELEASE AND RISK MANAGEMENT APPROACHES

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Article 5 - AP MBC

- Identify all known or suspected mined areas.
- Ensure all mined areas perimeter marked, monitored and fenced.
- Destroy all anti-personnel mines in mined areas under its control



Fencing and Marking

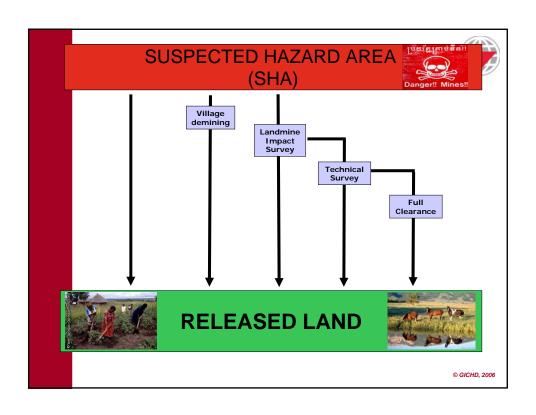
- Markings standard set out in CCW AP II
- International Mine Action Standards (IMAS 08.40)
 - o IMAS draws on AP MBC and AP II
- GICHD Study on Fencing and Marking
 - Looking at examples / best practice in over 10 countries

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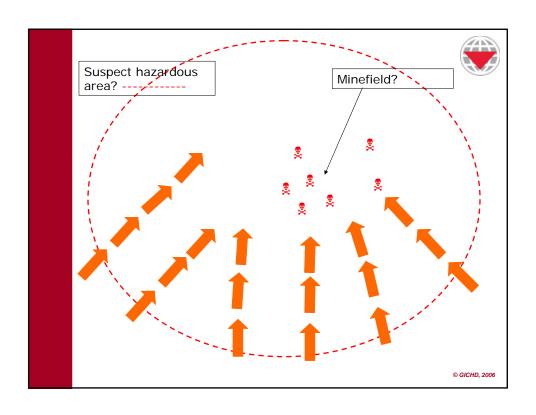


The Problem

- General assessments and impact surveys have led to large areas of "suspect" land, but in reality much less is actually mined
- Anti-vehicle mines and ERW also likely to be present
- Good procedures in place for full clearance, but not land release





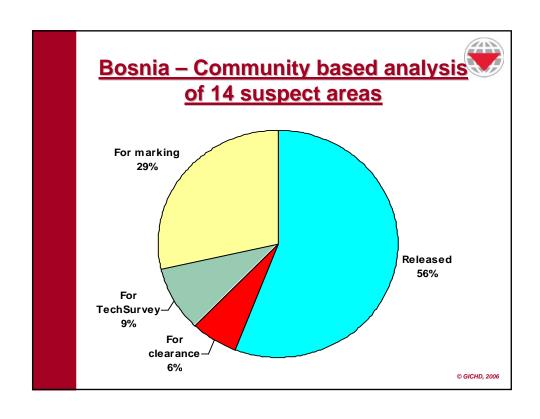






How much land is actually contaminated?

- □ Kosovo
 - oLIS survey − 350km²
 - ○Clearance required 45km²
- □ Cambodia
 - oLIS survey 4,466km²
 - oReality? 10%??





How to get from Suspect Hazard Area to Known Mined Area?

- SHA sq metres locked in database
- Need auditable trail to release land
- □ To date, only Technical Survey
- A risk management approach will provide additional tools

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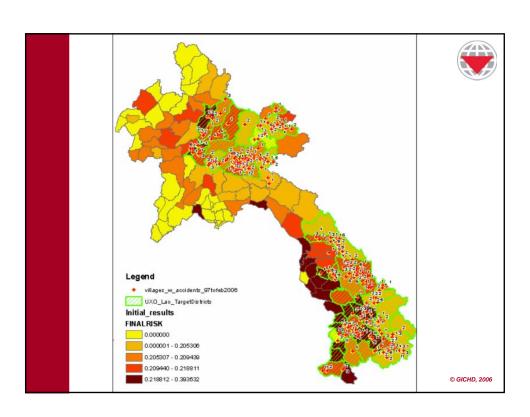
What is Risk Management?

- A systematic process to
 - o identify/quantify risk (survey), and
 - mitigate risk (<u>clearance/technical</u> <u>survey</u>), to
 - tolerable levels (<u>end user</u> <u>acceptance</u>)



Laos - National level

- □ Thorough analysis of data such as:
 - Population density; Land use; Accidents;
 Sorties; Intensity of bombing; Type of bombs; Rate of duds; Propensity to detonate; Rate of fatality as a function of distance to detonation; Clearance records
- □ Results in;

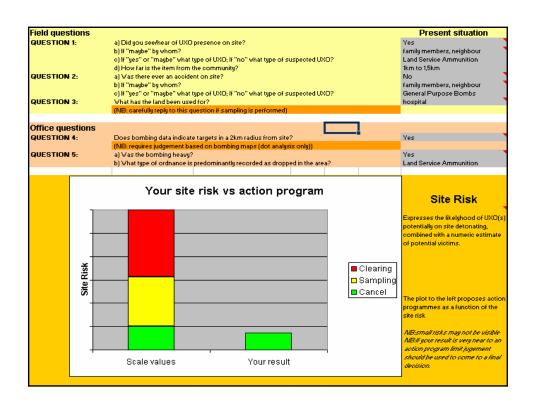






Decision Making Tools

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Benefits of a Risk Management Approach

- Standardised methodology for land processing
- Protection for decision makers at all levels
- Ability to make more effective strategic plans
- More effective use of the limited resources available

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Risk Management

- Helps define "known mined areas" more quickly and efficiently
- Does <u>not</u> imply reduced tolerability towards mine clearance (reduced quality)
- Clarify liability in case of accidents part operator, part host country

