



INTRODUCTION

War history

- The Balkan wars,
- I and II World War
- The armed conflict in 2001.

Problem

- Consequently, large quantity of UXO and Mine Killing Devices (MKD) remain on our territory
- 5-10% of explosive devices used during the wars are not activated due to different reasons.
- It is hard to estimate and determine number and amount of UXO and MKD





LEGAL FRAMEWORK

- National Strategy
- Law of Protection and Rescue
- Signing and implementation of the Ottawa Convention
- Decree for protection of UXO
- Manual for human de-mining SOP
- National De-mining Plan (project to be realized in the next 5 years)



AIM

- Establishing national de-mining capacities
- Cleansing of contaminated areas
- Providing safe living and working conditions for the population
- Enabling undertaking of activities for economic and other development in contaminated areas



CONTAMINATED AREAS



General characteristics

- Geographical
- Spatial
- Regional
- Border areas
- Largest quantity and concentration



Contaminated sections

- Bitola
- Prilep-Mariovo
- Ohrid-Debar
- Gevgelija-Dojran
- Eastern border
- Kumanovo-Skopje-Tetovo



Contaminated sections



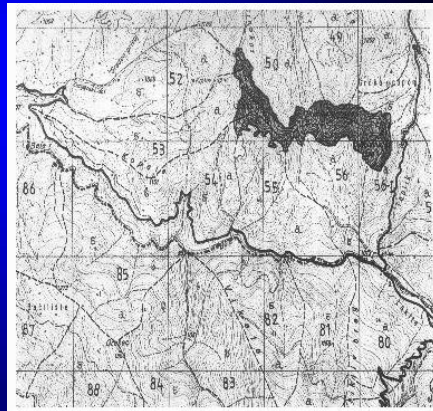
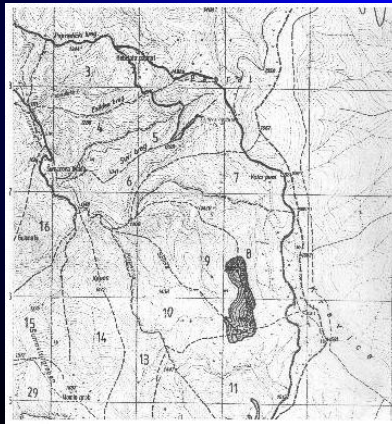


Bitola section

No.	Location	Contaminated area (km ²)
1	v. Armatus	200
2	Locality Bojceva Tumba- Kravica	60
3	Locality Dusegubec	160
4	Locality Niska Proseka	150
5	Locality Zmejca	250
Total		820



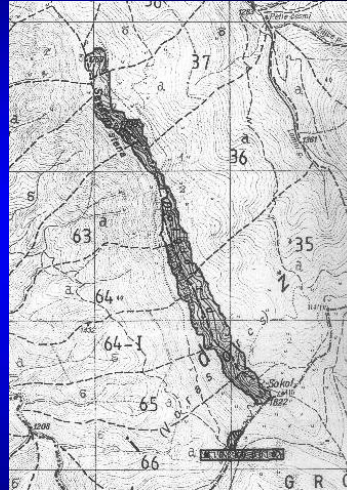
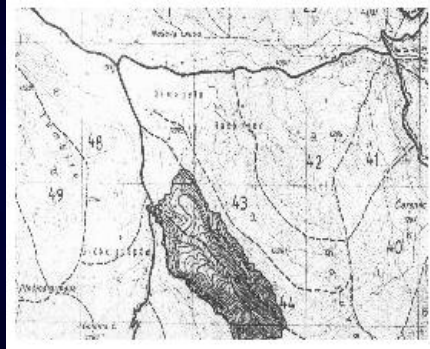
Bitola section





Bitola section

Geneva International Centre for
Humanitarian Demining
Centre International de
Démontage Humainitaire - Genève



Bitola section

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Characteristic of the terrain and appropriate actions

- Extremely steep and mountainous
- Largely aggravates detection, cleansing and logistic support
- Bordering area with Greece
- Need of financial support



Prilep-Mariovo section

- No available data
- Probability Mariovo region to be intercepting Bitola section
- Unexploded devices from I and II World War



Prilep-Mariovo section





Ohrid-Debar region

No.	Location	Contaminated areas
1	v. Pestani, its surroundings and the lake itself	TBD
2	v. Gradiste, in the lake	TBD
3	v. Kaliste, in the lake	TBD
4	v. Radozda, in the lake	TBD
5	Border belt with Albania	TBD
6	Debar, border belt with Albania	TBD





Ohrid-Debar Section Characteristics

- Devices discovered in last 15 years remain from the I and II World War
- Detected by local population and other subjects
- Need to perform search and technical survey
- Need of financial support



Gevgelija-Dojran section

No	Location	Contaminated area
1	Dojran Lake	TBD
2	Coast of Dojran	TBD
3	Locality Ladja	TBD
4	Locality Zeleno Brdo	TBD
5	Locality Bugarsko Seciste (north)	TBD
6	Locality Serimli (western border)	TBD
7	v. Stojakovo, locality Usite	TBD
8	v. Bogorodica (border, locality Korija)	TBD
9	Locality Srednobilо (oil pipeline)	TBD
10	Locality Cuculen	TBD
11	v. Huma	TBD
12	Locality Suva Reka	TBD



Gevgelija-Dojran Section

Characteristics and appropriate actions

- Devices from the I World War (Thessalonica front)
- 6-7.000 UXO are discovered
- Most of the devices discovered by local population
- Information that large number of UXO still remain
- Need of detection and technical survey
- Need of financial support



Gevgelija-Dojran Section





Gevgelija-Dojran Section



Extremely endanger areas





Sections affected during the conflict in 2001

During the post-conflict period, most of the activities were focused on cleansing and de-mining of this section. This includes the regions of **Kumanovo, Skopje and Tetovo.**



Capacity of expert personnel and equipment

- 10 pyro-technicians with international certificates
- 22 de-miners with international certificates
- 5 ambulances
- 5 terrain vehicles (Land-rovers)
- 15 detectors VALON
- 30 detectors SHONSTED
- 35 protective equipment kits
- Part of informatics equipment



PRIORITIES

- Detection and de-mining of Gevgelija-Dojran section
- Detection and de-mining of the Bitola section
- Underwater de-mining of Ohrid Lake (Pestani, Gradiste, Kalista, Radozda)



FINANCIAL PLAN

Assessment of the technical support for
detection and destruction of **UXO** and **MKD**
for the period 2006-2010

Year	EUR
2006	560.000
2007	470.000
2008	280.000
2009	220.000
2010	155.000
Total	1.685.000



The total amount of financial means include:

- Technical survey and detection
- Expenses for engagement of personnel for de-mining, removal and destruction
- Expenses for engagement of international experts for control
- Adaptation and construction of appropriate storage facilities
- Personal and collective protective equipment
- Provision of more sophisticated equipment for destruction and deflagration
- Expenses for training of the de-miners
- Maintenance of the vehicles
- Other unexpected expenses



ACTIVITIES IN 2005-2006

- Clearance activities in 2005, 1 APM, 7 aerial bombs, 319 hand grenades, 45 mortars, 678 pieces of artillery ordnance were located and destroyed.
- Ratifying of protocols IV and V – in progress
- Stocked for training 4.000 APM, should be destroyed by August 2006.
- Five possible contaminated areas in Kumanovo-Skopje-Tetovo – Protection and Rescue Directorate intend to clear this area within the 120 days.
- Until September 2006, Republic of Macedonia should be APM free country.



Conclusions

- Large amount of UXO and MKD remain from the I and II World War
- Consequences are felt today and pose everyday threat for the population (by 2004, 40 are killed and 1003 injured; 200.000 UXO are discovered and destroyed)
- Most of the devices are found and reported by local population and other subjects
- Some of the devices are with chemical agents
- Most of the affected areas are border areas giving international dimension to the issue
- Most affected areas are found in the southern parts of the country making its detection and cleansing a priority.
- The total financial support for realization of this project in the following 5 - year period is EUR 1.685.000 requiring international assistance



**THANK YOU FOR YOUR
ATTENTION!**