



SERBIA AND MONTENEGRO
MINISTRY OF DEFENCE
MILITARY ECONOMIC AFFAIRS SECTOR

PROJECT ON DESTRUCTION OF APM STOCKPILES IN SERBIA AND MONTENEGRO

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Project goal

- **Ultimate goal is destruction all of APMs in stockpile in Serbia and Montenegro**
- **High-level timing goals:**
 - **three years (realistic)**
 - **two years (optimistic)**

General remarks on the project

- This is first project of APMs stockpile destruction in Serbia and Montenegro
- But, in technical sense, there are similarity with of SALW projects of destruction which we successfully realized
- Project conducted within Ministry of Defence and General Staff of Army
- Estimated costs whole project is 2 million USD

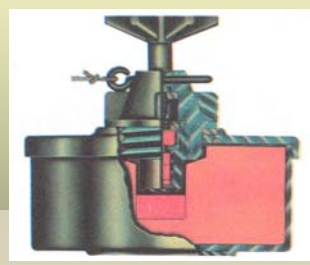
ELEMENTS OF THE DESTRUCTION PROJECT

No.	Type	Quantity (pcs.)
1.	PMA-1, 1A	287.804
2.	PMA-2	145.185
3.	PMA-3	258.631
4.	PMR-2	74.072
5.	PMR-2A	465.089
6.	PMR-3	3.528
7.	PROM-1	52.547
8.	uncomplete, damaged, without fuzes	33.764
Total :		1.320.620


PMA – 1, 1A

Weight, g	400	 A cross-sectional diagram of a cylindrical device, likely a mine. It features a green outer casing, a central grey rod, and a red explosive core. A small protrusion is visible on the right side.
Explosive, g	200	
Method of destruction	separation of explosive fuzes - detonation	


PMA - 2

Weight, g	135	 A cross-sectional diagram of a cylindrical device with a complex internal mechanism. It has a green outer casing, a red explosive core, and a central grey rod. A large, blue, textured component is visible on the right side.
Explosive, g	100	
Method of destruction	detonation	


PMA - 3

Weight, g	183	
Explosive, g	35	
Method of destruction	detonation	

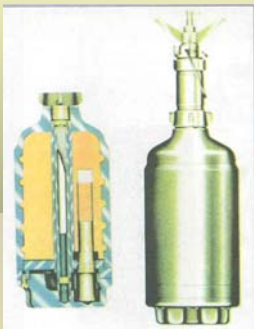
PMR – 2A

Weight, g	1700	
Explosive, g	100	
Method of destruction	separation of explosive metal body – melting initial devices – detonation	

PMR-3

Weight, g	2630	
Explosive, g	420	
Method of destruction	separation of explosive, metal parts – melting initial parts - detonation	

PROM - 1

Weight, g	3000	
Explosive, g	425	
Method of destruction	separation of fuzes other parts - detonation	

Team/Resources

- Project manager** - **col. V. Radic (MoD)**
- Assistant project manager** - **director of TRZ Kg**
- Members of team (5-7)** - **MoD, GS Army**
- Workers (engineers, technicians) – about 50**
- Location** - **Kragujevac**
- Objects** - **exist in facility**
- Equipment** - **for handling, manipulation, integral transport in facility, special tools**

CHALLENGES

- **Financial**
- **Logistical**
- **Technical**
- **Documentation (registration)**
- **Transparency**

FINANCIAL CHALLENGES

➤ **Main problem:**

Lack of necessary funds



We could provide

- **technical capacity and equipments,**
- **qualified manpower,**
- **high quality standards,**
- **full transparency all activities,**
- **excellent documentation about destruction APMs**
- **monitoring**

Substantial international assistance needed for:

- **organization for destruction (technical and human resources),**
- **registration equipment (computer and photo hardware, etc.),**
- **safety and security measures (protective suits, adaptation of objects in facility, objects for monitoring, preparation of destruction site ...)**
- **environment concerns ,**
- **transportation devices ,**
- **transportation fees (fuel, etc.) ,**
- **medical and fire protection , ...**

LOGISTICAL CHALLENGES

- **Storages manipulation**
- **Truck loading**
- **Transportation from 23 different locations to the destruction site in Kragujevac**
- **Fuel consumption and maintenance of trucks**
- **Unloading and re-packing**
- **Manual handling**
- **Preparation of destruction site**
- **Separation and registration by types of APMs**
- **De-assembling process (fuses – explosives)**

TECHNICAL CHALLENGES

- **Existing resources**
- **Capacity building**
- **Equipment needs**
- **Organization and evaluation of destruction**
- **Safety and environmental factors**
- **Collecting and recycling of plastic/metal parts, explosives**
- **Identification, registration and documentation about destruction of APMs**

TRANSPARENCY

**Full transparency
and
media covering
through the multi-layers verification
ensured**

Documentation

- **All documents will be transparent and completed with photographs**
- **All destruction procedures will be recorded on electronic and other media**
- **All steps in registration and identification will be separately recorded for each type of APMs**

DESTRUCTION SITE

**TEHNICKI REMONTNI ZAVOD
(TECHNICAL REPAIR
FACILITY)
Kragujevac**



DESTRUCTION SITE



CONCLUDING REMARKS

- ***The realization of the project will start as soon as the necessary funds are obtained.***
- ***Project will be oriented dynamically and each phase will be supported by necessary documentation***
- ***To this end, any interest of the potential donors to provide necessary assistance would be most welcome.***

Thank you for your attention.