

AP mines stockpiles in the Belarus Armed Forces

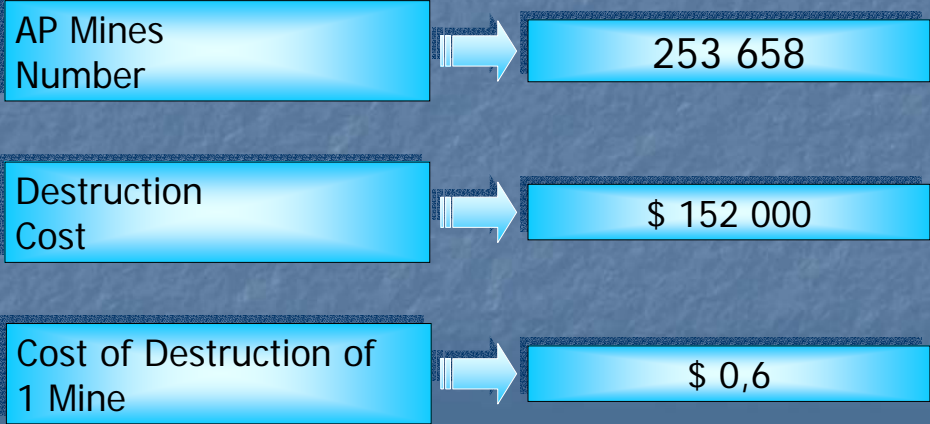
AP mine type	Quantity as of 1 January 2004
PMN	44 596
PMN-2	116 650
POMZ-2M	90 484
OZM-72	280 185
POM-2 (KPOM-2)	70 680
PFM-1/1s (KSF)	2 500 016
PFM-1S (BKF)	664 000
PFM-1S (9M27K3)	461 136
Total of PFM-1/1s	3 625 152
Total of POM-2	70 680

Number of AP Mines Destroyed by Belarus

AP Mine Type	Destroyed (Utilised)		
	2000 - 2002	2003	Total
MON-50	24	10 075	10 099
MON-90		10 008	10 088
MON-100	21	10 006	10 027
MON-200	15	10 001	10 016
PMN		10 000	10 000
PMN-2	27 423	156 085	183 508
OZM-72	-	20 000	20 000
TOTAL	27 483	226 175	253 658

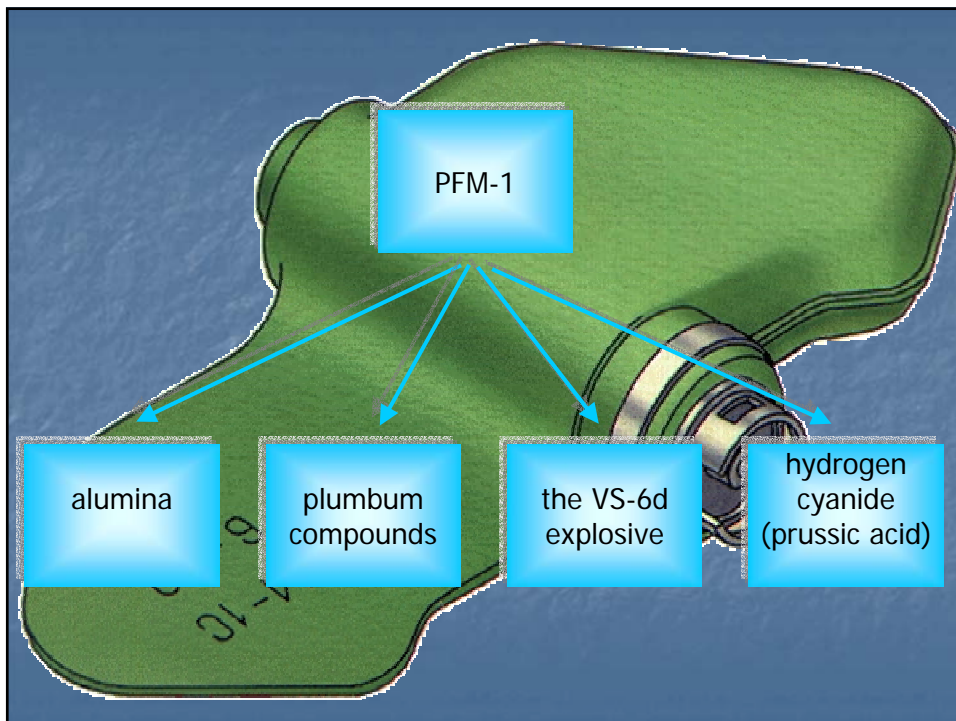


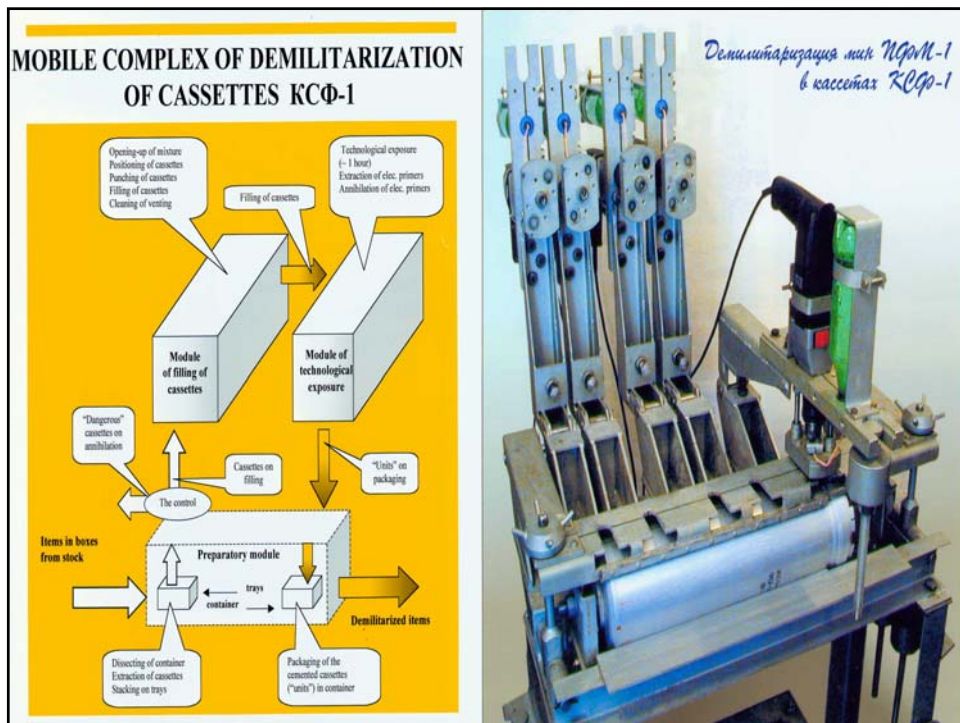
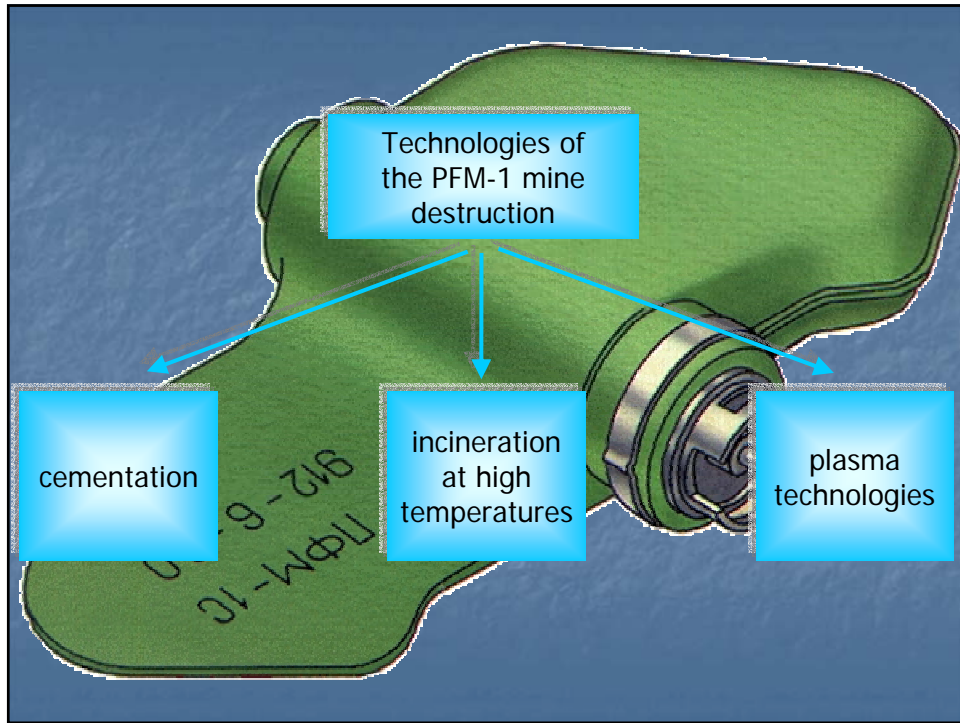
Costs of AP Mines Destruction by Detonation

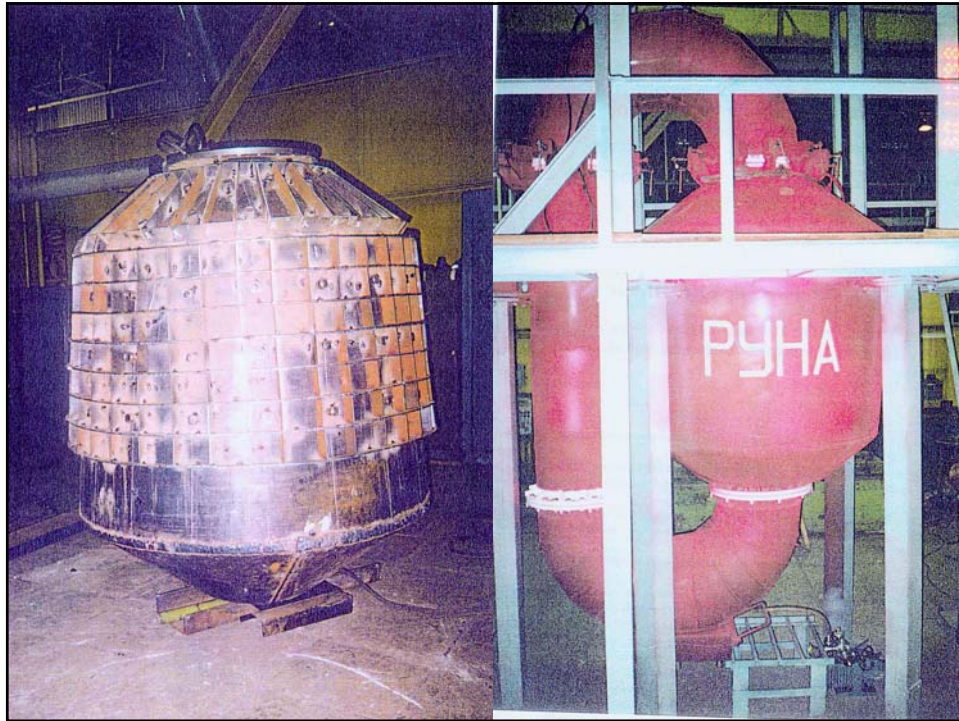


Problems Related to Mines Destruction

- ① Financial
- ② Ecological
- ③ Technological





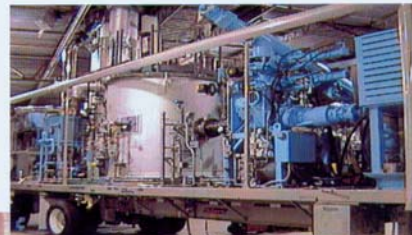


Plasma Energy Pyrolysis System – PEPS® Mobile System



Benefits

- On-site destruction of waste - Eliminates the shipping of hazardous materials
- No requirement to purchase equipment – VRI Operating Contract
- **No Burning – No Incineration**
- Safe to the environment – Benign By-products
- No special transport permits
- Zero water discharge – Minimal Water Usage
- Elimination of long-term liability
- Minimal permit requirements



Key Features

- Mounted on commercial trailers for short term deployments
- Can service multiple sites on a periodic basis
- 3-5 Ton/day capacity
- DRE >99.99999%

CONCLUSIONS:

- ❶ The method of the PFM-1/1s-type AP mines destruction should be standardised and allow to destruct them on different mine carriers;
- ❷ The installation for conduct of works to destruct mines should be mobile and allow to destruct mines at the places of their storage;
- ❸ Ecological effects of environmental pollution should meet the international ecological standards.

**THANK YOU FOR YOUR
ATTENTION**