10th WORKSHOP OF REGIONAL APPROACH TO STOCKPILE REDUCTION (RASR) OF CONVENTIONAL WEAPONS AND MUNITIONS
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Challenges and good practices in disposal of large caliber ammunition including environmental aspects of the disposal

UNDP BiH
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- Context
- Ammunition disposal challenges
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• Context

• 2007 - stock of ammunition of 36,000 tonnes;
• Average age 35+ years - almost all with no service/storage history;
• Country wide presence;
• 2013 start of 100% Inspection and inventory;
• Overarching coordination BiH AWE Master plan;
• Continuous international support;
• Currently at 14,000 tonnes total.
• In the last 10 years, the international community has supported disposal over 15,000 tonnes of ammo;
• AF Formation kit calls for 7000 tonnes;
• UNDP was/is at the forefront of industrial demilitarization supported by the EU in four stages (SAC BiH I&II, EXPLODE and EUSTAR) amounting to 12.4 million EURO;
• Also supporting specific disposal activities: Germany, Netherlands, Norway and USA;
• By end of 2019 AWE Master plan calls for disposal of all unsafe/surplus ammunition to enable sustainable stockpile management system start with overall stocks at/or under 10,000.
• Large quantities on uncared for ammunition;
• Situation worsen by sealing the crates before an inventory;
• Majority stored in improper conditions;
• No maintenance whatsoever;
• No clear indicators on origin, number, types and/or models;
• Expired shelf life.
European Union is continuously supporting efforts of the Ministry of Defense BiH to reduce stockpile thus providing for higher safety on ASS locations, but also in the country and region as well.
Ammunition disposal challenges

- Unknown ammunition status/history
- Systematic approach
- Limited capacity / technically inadequate
- Resource management vs. available time
- High hazardous ammunition disposal
- Sustainability
MoD/AF BiH supported by IC partners
2013 - 2017 (in tonnes)
• Ammunition disposal processing at TROM Doboj ammunition disposal site – UNDP team

• pull apart lines;
• permeant damage with a saw.
Environmental aspects

- 3R approach
- Reduction of pollution
- Energy efficiency
Lessons learned

- Baseline is everything
- Mindset change
- Flexible approach
- Regional cooperation
- National defense capacities
- Value for money
Q&A...