NATO SPS PROGRAME
SUPPORT IN MONTENEGRO

Increasing the Clearance Capacities for Unexploded Ordnance

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Directorate for emergency management
Group for UXO
Composition and annual outcomes

Annual outcomes:

- 5 persons
- 160 interventions
- 25,000 UXO
- 13,000 tons
- 40,000 km
Types of ERW/UXO

Common types: bombs and cluster bombs, grenades, cannons and mortars, anti-hail rockets, torpedoes, small arms ammunition, etc...
Annual results of GROUP for ERW

500 kg
Podgorica City-center

Air Dropped Bombs
MAIN TASKS
Directorate for emergency management
GROUP for UXO/ERW

- Awareness raising activities of population about UXO/ERW
- Training of personnel (EOD courses)
- Procurement of high quality equipment
- Collection, transport and destruction of UXO/ERW
- Coordination with other governmental and NGO stakeholders
- Following all IMAS recommendations and procedures
- Data collection, transfer, record keeping and processing
- Surveillance and control of quality related to clearance activities
- Preparation of legal acts for adopting in national council
- Following the international documents, protocols and standards (IMAS, Protocols...)
- Establish international cooperation and data exchange with similar services and organizations in the region / world
- Drafting proposal and implementing national and international projects
International cooperation

- NATO SPS PROGRAM
- TNO
- ITF
- NPA
- CROMAC

Other relevant organizations
NATO SPS PROGRAMME

Project title: Increasing the clearance capacity for UXO

Phase I:

Preparation activities

- Period: Summer 2013
- Operated: Experts from TNO-innovation for life & MoI-Directorate for emergency management (Group for UXO)
- Aim: Estimation of capacities in the field of UXO clearance activities in Montenegro
- Target: Field visit of contaminated areas; Storage facility; Equipment; Transportation means,
- Analyzing and clarification of needs for further NATO project support
- Creating and submitting the project proposal to NATO SPS office
NATO SPS PROGRAMME

Project title: Increasing the clearance capacity for UXO

Phase II:

Approval and verification of project activities

- NATO SPS office approved the multi-year Project with title “Increasing the Clearance capacities for UneXploded Ordnance in Montenegro
- Verification of Grant letter (dated 19 December 2013)
- Duration of project: 3 years (dec.2013-dec.2016)
- Implementation: Arnold Schoolderman (NPD), TNO innovation for life
  Mirsad Mulic (PPD), General Director, Directorate for emergency management
  Milovan Joksimovic (PPCD), Coordinator of Group for UXO
- Benefits: Education, procurement of certified safety personnel equipment, uniforms, technical equipment (detectors, magnetometers, data loggers, computers, communication, drones), diving equipment and tools, vehicles, trailer, reconstruction of warehouse
- Project value: 370.000 €
NATO SPS PROGRAMME

Project title: Increasing the clearance capacity for UXO

Phase III:
- **Project implementation**

### Project Plan

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NATO SPS PROGRAMME

Project title: Increasing the clearance capacity for UXO

Phase III

Project implementation

2014:

• EOD Training for personnel III and IV level, Croatia HCR-CTRO

• Procurement of detection equipment type Sensys (4 sets):
  - SBL 10 – 1 person operated Iron detector (2 sets)
  - SMD 12 – 2 persons operated Large loop detector (2 sets)
  - Rugged data-logger set (to be used for SBL 10 and SMD 12)
  - Training for detection equipment (provided by experts from SENSYS)
Phase III

**Project implementation**

2015:

- EOD Training for personnel, level I, Croatia HCR-CTRO
- Toughbook “Panasonic” CF-19 mk7 (qty 2) – rugged toughbooks used for on-site operations
- Training for divers
- Underwater metal detectors type Vallon (qty 3)
- Diving personal equipment with compressor
- Training for using compressor
- Attendance on courses and symposiums
NATO SPS PROGRAMME

Project title: Increasing the clearance capacity for UXO

Phase III

Project implementation

2016:

- Transportation means with ADR certificate:
  - Reno "Kangoo Express"
  - Trailer EU 2
  - Dacia "Duster"
  - Reno Trafic-furgon
- Attendance on courses and symposiums

Up coming activates:

- Reconstruction of 2 buildings in warehouse
- Publishing of handbook for identification of UXO in Montenegro
- Personal protective equipment
- Uniforms
- Drones and other technical support tools
- EOD Training, level II
Thank You