



**D R A F T**  
**DEMINING PLAN IN BOSNIA AND HERZEGOVINA**  
**FOR 2020**

## CONTENT

1.	GENERAL ASSESSMENT OF MINE SUSPECT AREAS.....	3
1.1.	Social and economic impact.....	3
1.2.	The nature of minefields and the size of suspect area .....	<b>Error! Bookmark not defined.</b>
1.3.	Mine victims .....	5
2.1.	Concept.....	6
3.	HUMANITARIAN DEMINING OPERATIONS.....	7
3.1.	Nontechnical survey .....	7
3.2.	Technical survey and mine clearance.....	9
3.3.	Marking of the suspect hazardous area.....	10
4.	MINE RISK EDUCATION .....	10
5.	MINE VICTIMS ASSISTANCE .....	11
6.	REVIEW OF AVAILABLE RESOURCES FOR HUMANITARIAN DEMINING .....	13
7.	TRAINING, RESEARCH AND DEVELOPMENT .....	15
8.	COMMUNICATIONS AND ADVOCACY IN MINE ACTION .....	16
9.	FINANCING .....	17
10.	CLUSTER MUNITION .....	<b>Error! Bookmark not defined.</b>
11.	GROUPING OF SUSPECT HAZARDOUS AREAS INTO MINE SUSPECT AREAS (MSP) .....	19

## **1. GENERAL ASSESSMENT OF MINE SUSPECT AREAS**

General assessment of mine suspect areas in BiH is a process of data collection, processing and analysis, in order to improve efficiency of mine action in Bosnia and Herzegovina through improved general assessment of mine/ERW/cluster munition threat and its influence in mine affected communities.

### **1.1. Social and economic impact**

Based on the preliminary results of “General Assessment of Mine Suspect Areas in Bosnia and Herzegovina” in 2020, 1,413 mine affected communities were identified.

- 981 low affected communities with 338.872 residents or 9.31% out of the total number of residents in BiH
- 193 medium affected communities with 82.775 residents or 2.27% out of the total number of residents in BiH
- 239 highly affected communities with 403.406 residents or 11.09% out of total number of residents in BiH

Locations contaminated with mine/ERW/cluster munition affect the safety of 825.053 residents or 22.68 % out of total number of residents in BiH. Out of that number, 120.760 residents or approximately 3.32% are directly affected.

### **1.2. The nature of minefields and the size of suspect area**

In Mine Action Centre Bosnia and Herzegovina database, there are 15.210 minefield records in operational use. Minefields in Bosnia and Herzegovina are characterized by relatively small number of mines. They are often placed both in groups and as individual mines of unknown layout. The problem is presented in the quality of minefield records, according to which the exact location, shape and mine layout on the ground often cannot be determined. Through the comparison of results from systematic survey and mine impact, conditions are created for detailed and accurate classification of suspect area in relation to the category of priority and classification of mine affected communities. The size of the suspect hazardous area<sup>1</sup> and its reduction is followed through

---

<sup>1</sup>Suspect hazardous area relates to the area where there is reasonable doubt for contamination, based on indirect evidence of mine existence.

systematic survey<sup>2</sup>. According to assessments conducted in January 2020, suspect hazardous area in Bosnia and Herzegovina is 965,26 km<sup>2</sup> which represents 1,88% in relation to the total area of BiH.

Administrative level	Total suspect area	Mine suspect area (category priority/km2)			Cluster munition suspect area (km <sup>2</sup> )
		I kategorija	II kategorija	III kategorija	
UNSKO SANSKI CANTON	96.26	40.47	37.51	17.91	0.07
POSAVSKI CANTON	15.53	3.95	9.71	1.86	0.00
TUZLANSKI CANTON	80.16	16.31	18.57	45.28	0.41
ZENICKO-DOBOJSKI CANTON	112.69	25.51	13.08	74.09	0.41
BOSANSKO-PODRINJSKI CANTON	46.82	5.01	8.79	33.02	0.00
SREDNJEBOŠANSKI CANTON	113.10	24.82	39.49	48.79	0.48
HERCEGOVACKO-NERETVANSKI CANTON	149.87	11.62	25.90	112.34	0.04
ZAPADNOHERCEGOVACKI CANTON	0.82	0.00	0.00	0.82	0.00
SARAJEVSKI CANTON	58.04	10.71	12.74	34.95	0.22
CANTON 10	79.27	10.48	12.82	55.97	0.18
FEDERATION BiH	752.56	148.89	178.62	425.05	1.82
BRCKO DISTRIKT	13.11	0.95	9.45	2.72	0.00
REPUBLIC OF SRPSKA	199.59	62.32	71.35	65.91	0.49
<b>BOSNIA AND HERZEGOVINA</b>	<b>965.26</b>	<b>212.16</b>	<b>259.42</b>	<b>493.68</b>	<b>2.31</b>

Table 1: The size of the suspect area January 2020

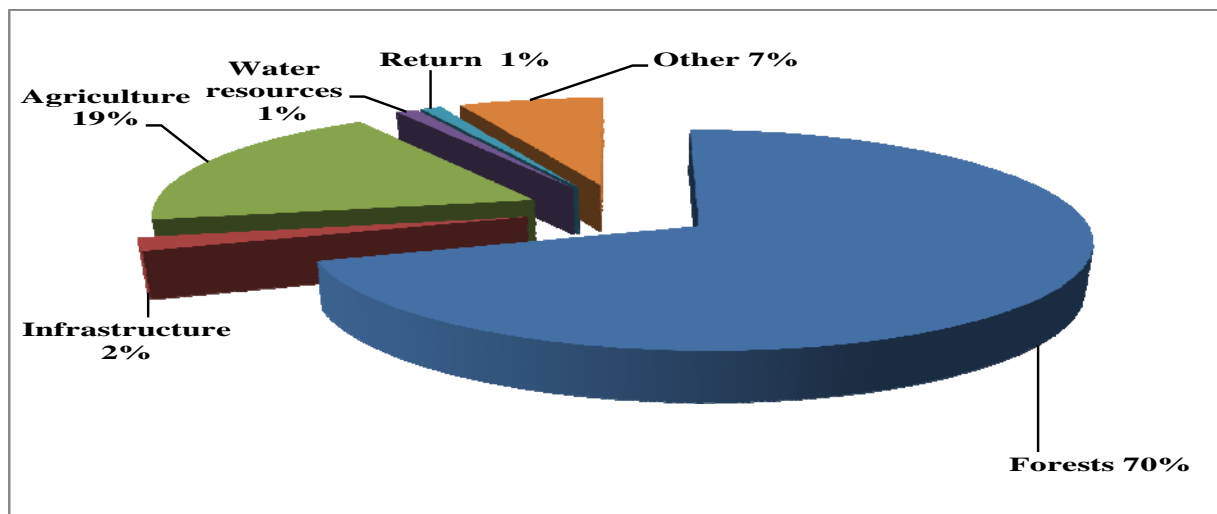
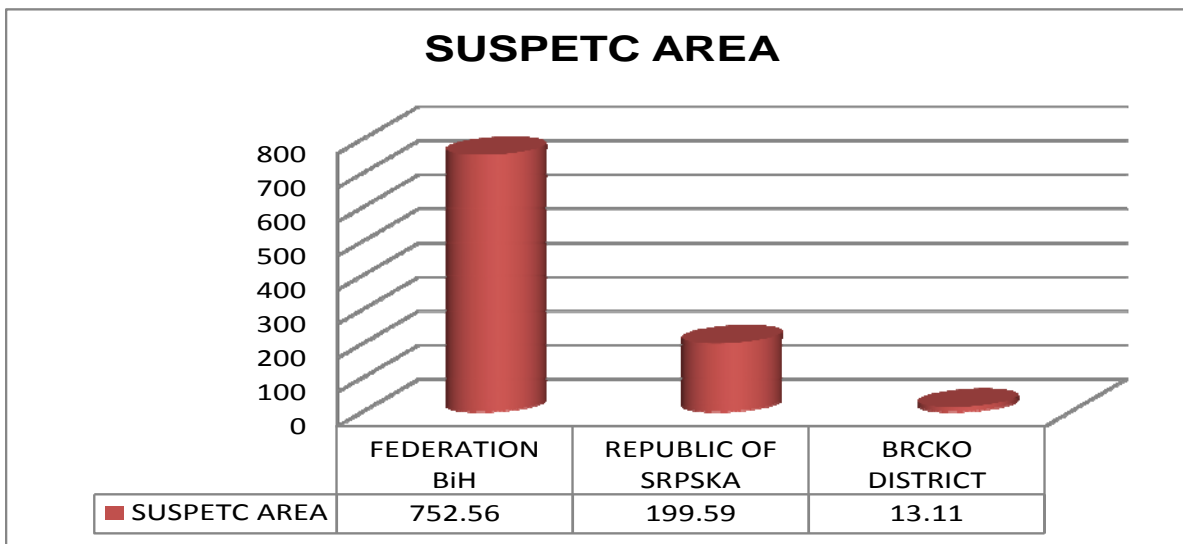


Chart 1: Suspect area as per intentional use

<sup>2</sup> Sistematic survey is an analytic procedure used to conduct the assessment of the suspect area that has been caught in combat activities of warring fractions. Systematic survey represents a part of general assessment of mine action in BiH, and at the same time it presents a tool for measuring the suspect area in BiH.

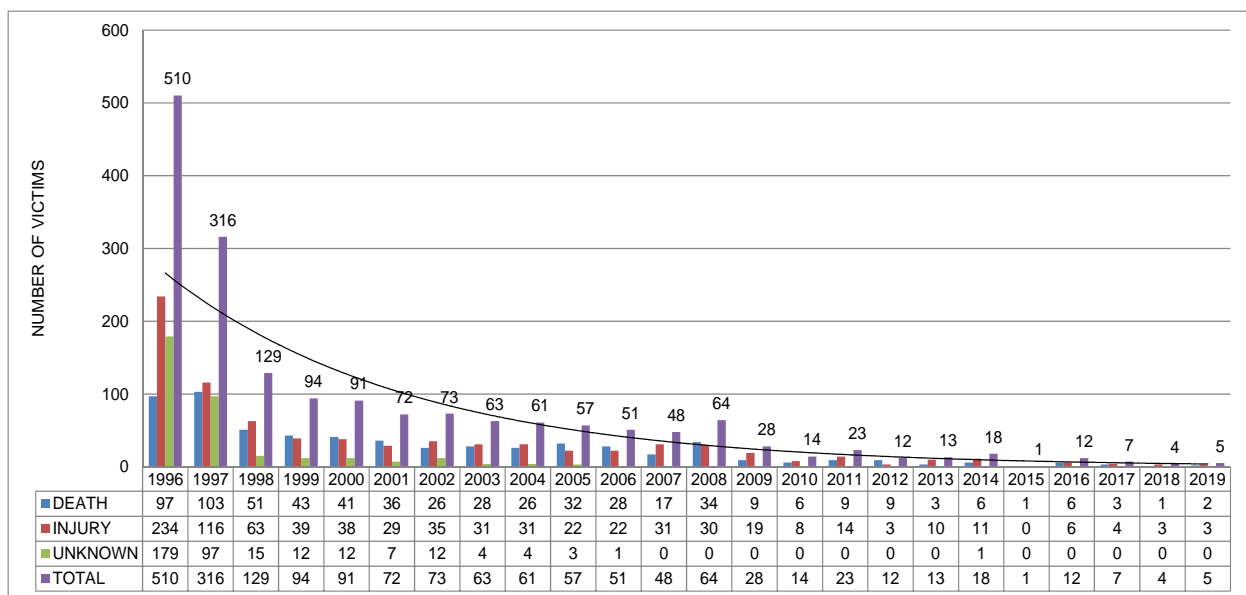


*Chart 2: Suspect hazardous area, January 2020*

### 1.3. Mine victims

In 2019, 2 demining accidents were registered in BiH, with 2 deminers killed and 2 deminers injured. In the demining accident that occurred June 25 2019, location Nekopi near Goražde (organization “MAG”) 2 deminers were injured. In the demining accident that occurred on August 25<sup>th</sup> 2019, location Donji Mušići, Kupres (Association “Pazi Mine”), 2 deminers were killed and two of them were injured.

Since 1992, there were 8.386 mine/ERW/cluster munition victims in BiH. During the war period (1992 – 1995) there were 6.354 mine victims, while there were 1766 mine victims after the war, out of them 617 fatalities and 802 injured. For 347 persons, it is not known the exact year of their accident. Out of the total victims’ number, 232 persons were victims of cluster munition, out of which there were 43 fatalities. Out of total number of victims in afterwar period, 185 victims were female or 10%, 250 victims were children or 14%. During humanitarian demining operations in BiH, there were 133 deminers victims, out of which 53 of them fatalities.



**Chart 3: Mine/ERW/cluster munition victims from 1996 to 2019**

## 2. REALIZATION OF STRATEGIC AND OPERATIONAL GOALS

### 2.1. Concept

Land release is the basic concept in resolving the mine issue. This concept is promoted in international standards for mine action – IMAS. Bosnia and Herzegovina committed to the application of this concept in resolving the mine issue. In the period from 2013 to 2016, Mine Action Centre in Bosnia and Herzegovina conducted the project “Land Release IPA 2011”, with a focus to define a new method in approaching mine suspect and risk area through targeted and systematic searches. This concept has been integrated in mine action in 2016 and consists an integral part of operational plans on all levels in Mine Action Centre BiH.

At its 175. Session held August 5<sup>th</sup> 2019, the Council of Ministers BiH took a decision to adopt the Mine Action Strategy for the period 2018 – 2025. With the adoption of the Strategy, the Land Release concept has been adopted as a norm for the implementation of strategic goal 3. (The size and the impact of contamination problem caused by mines/ERW/cluster munition has been defined and confirmed; the issue is being resolved in accordance with mine action standards in BiH, where land release of safe areas is ensured for return to contaminated communities for use). Using this approach, technical survey and clearance is conducted more efficiently. In comparison with previous approaches, the significant difference in this approach is setting focus onto nontechnical survey methods.

As per this approach, the focus in resolving the mine issue is shifted onto nontechnical survey process (NTS) which is used for collecting and analysis of all information about mines, and without the use of technical methods. Technical survey (TS) is used for checkup and confirmation of information collected through nontechnical survey (NTS), as well as for precise definition of mined areas borders. Clearance removes mines/ERW/cluster munition from areas that are defined through NTS and TS processes.

Mine action in Bosnia and Herzegovina in 2020 will continue to focus onto affected communities and their needs. Risk reduction from mines and their social and economic impact will be resolved through integrated approach to mine action at all levels of affected communities, and through the new concept, by forming the mine suspect areas (MSA), and with the aim to eliminate risk or reduce it to acceptable level, in order to create conditions for use of certain resources, to enable reconstruction and sustainable return. Priority setting is also adapting to this method of problem solving. The balance of Demining plan for 2020 and the set concept will be ensured through the coordinated work of government demining organizations as well as non-government organizations-

### **3. HUMANITARIAN DEMINING OPERATIONS**

#### **3.1. Nontechnical survey<sup>3</sup>**

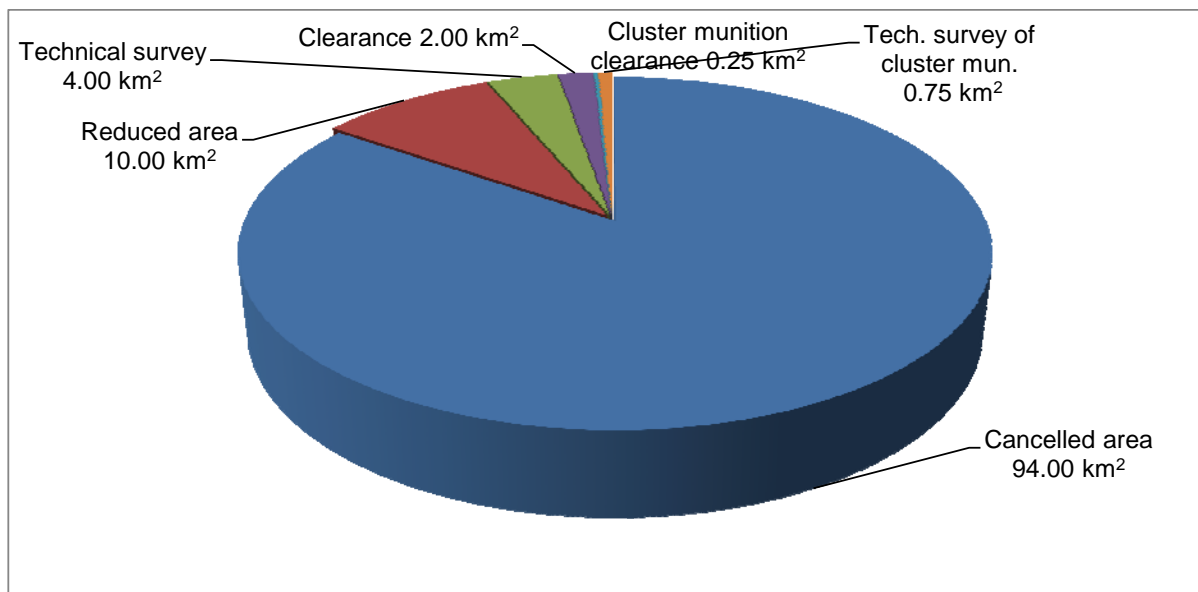
Humanitarian demining operations encompass: nontechnical survey, technical survey, mine clearance, marking, preparation of maps and creating projects.

In 2020, nontechnical survey will be a routine activity of Mine Action Centre BiH, and within its frame the mine situation will be constantly assessed. This mine situation assessment will be conducted through visits to suspect areas and more precise identification of the risk level. Terrain activities of systematic survey (nontechnical survey) will be coordinated with collection and processing of the data on the ground, which will be conducted as a part of nontechnical survey, and in order to control it prior to public tenders for demining jobs, i.e. for opening of humanitarian demining operations tasks. Also, more precise and smaller suspect areas through nontechnical survey will be conducted as a result of assessment of certain areas outside nontechnical survey in smaller

---

<sup>3</sup> Nontechnical survey is an activity for collecting and analysing information on presence, type and layout of mines without the use of technical methods. Although nontechnical survey use no technical methods, there is a close connection between technical and nontechnical survey. Nontechnical survey (NS) defines areas that will be technically surveyed. In nontechnical survey, all information collected through technical survey are analysed and decisions are made about further activities. Systematic survey is shaped into mine suspect areas (MSA) and it is a subject of nontechnical survey.

scale (reduced area), during resurvey, along with the assessment that follows nontechnical survey in this new land release concept.



**Chart 4: Planned structure of reduced area in 2020**

Cabcelled area	<b>94.00</b>	Nontechnical methods
Reduced area	<b>10.00</b>	
Technical survey	<b>4.00</b>	Technical methods metode
Clearance	<b>2.00</b>	
Cluster munition clearabce	<b>0.25</b>	
Technical survey of cluster munition	<b>0.75</b>	
<b>Total</b>	<b>111.00</b>	

**Table 2: Suspect hazardous area reduction in 2020**

Nontechnical survey of the minefield areas will remain the basic activity for Mine Action Centre BiH in 2020. As such, NTS produces a detailed assessment of risk, analysis of available data, collecting and processing information from the ground, performing necessary measurements and defining the borders of the risk areas, reduction of suspect area, assessment of social and economic impact of mines, and potential use of demining operations. Based on nontechnical survey results, project documentation is created for other humanitarian demining operations (targeted investigations, technical survey, mine clearance, permanent marking), preparation of priority suggestions and the operational plan.



Full attention will be paid to the priority list, and in relation to that, following instructions should be followed:

- For the priority list in 2020 in BiH, it is necessary to prepare projects of 110 km<sup>2</sup> area, 60 km<sup>2</sup> for Federation, 36 km<sup>2</sup> in Republic of Srpska and 14 km<sup>2</sup> for District Brčko.
- The priority list will include: all projects with identified minefield records or confirmed information exists on mining, but they are not within MSAs.
- Projects that are obstacle to sustainable return (water supply, roads etc.) or projects located up to 500 m from inhabited objects; this also applies to projects which are not within MSAs.
- During the selection of projects, it is necessary for every affected community to define the sequence of work priority for each and every project, in accordance with the level of threat and the level of usability.
- The priority list will also contain all MSAs prepared so far but not yet realized.

### **3.2. Technical survey and mine clearance**

Technical survey and mine clearance operations will be conducted by accredited demining organizations, based on Demining plan in BiH for 2020. The distribution of areas for humanitarian demining operation has been carried out according to administrative regions in Bosnia and Herzegovina, and adjusted to the size of their suspect area and planned levels of humanitarian demining operations per affected communities.

Technical survey and clearance will be conducted via two methods:

1. Through targeted<sup>4</sup> and systematic investigations<sup>5</sup> within Land Release concept.
2. As individual projects or groups of projects used to eliminate high risk locations, or enable the use of certain natural and economic resources.

All locations scheduled for humanitarian demining operations were processed through nontechnical survey projects, with detailed information on location, suggested humanitarian demining methods, as well as deadlines set by the dynamic plan.

---

<sup>4</sup> Targeted investigation is the activity of finding indications of mines based on location-defined evidence on mine existence in suspect hazardous area and confirmed hazardous area, using technical methods

<sup>5</sup> Systematic investigation is the activity of finding indications of mines based on evidence on mine existence which are not location-defined in suspect hazardous area and confirmed hazardous area, using technical methods.

### 3.3. Marking of the suspect hazardous area

Marking of the suspect hazardous area in 2020 is presented by permanent and emergency marking, as measures of risk reduction. Marking of the suspect hazardous area is conducted by municipalities, mine action organizations and other organizations, in accordance with prescribed Standing Operational Procedures. Emergency marking is an integral part of humanitarian demining operations and a part of mine risk education. In 2020, the plan is to conduct emergency marking operations with 18,910 mine warning signs. Emergency marking will be conducted through general survey operations – nontechnical survey conducted by Mine Action Centre BiH survey teams, Armed Forces BH, as well as through the realization of projects by accredited demining organizations and mine risk education organizations, where residents will be educated and informed about the mine threat in their area.

Permanent marking of the suspect hazardous area is a part of humanitarian demining operations that is conducted as a follow-up activity with clearance and technical survey, and as individual activity within mine risk education, in order to reduce risk in suspect areas of second and third category priority. It is planned in 2020 to conduct permanent marking operations with 1.500 signs, with focus on second category priority.

EMERGENCY MARKING (NUMBER OF SIGNS)							
BOSNIA AND HERZEGOVINA		FEDERATION OF BIH		REPUBLIC OF SRPSKA		BRCKO DISTRICT	
Survey teams of BHMIC and AFBH	18,910	14,270	75,46%	4,095	21,65%	1,210	6,39%
PERMANENT MARKING (NUMBER OF SIGNS)							
BOSNIA AND HERZEGOVINA		FEDERATION OF BIH		REPUBLIC OF SRPSKA		BRCKO DISTRICT	
TOTAL	1500	975	65%	450	30%	75	5%

*Table 3: Schedule for emergency and permanent marking in administrative Units and BHMIC Regional Offices in 2020*

## 4. MINE RISK EDUCATION

During 2020, mine risk education will be realized through public dissemination, education of affected and other groups of people, as well as through liaising of mine action and affected communities. Tasks to be realized through mine risk education in 2020 arise from strategic and operational goals set by the Strategy for Mine Risk Education 2018 – 2025.

The focus of mine risk education organizations, community service organizations and citizens associations who are involved in mine risk education will conduct priority activities in communities

with large suspect area and most affected targeted groups of people. Specific stress will be given to raising mine awareness in large groups of immigrants in transit through Bosnia and Herzegovina, since their specific manner of movement makes them especially susceptible to mine threat. Apart from Mine Action Centre BiH survey teams, it will be necessary to engage accredited demining organizations and mine risk education organizations. Activities will be coordinated through the existing coordinating system, i.e. technical working groups, in order to enable information exchange, assessments of needs and avoidance in overlapping activities. The focus of mine risk education is also on liaising with community through the new concept of resolving mine situation in BiH.

The knowledge for planning and better management of the program will be gained through specialized training of organizations and individuals for the realization of the program and mine risk education projects through courses, seminars and symposiums, and through the development of new educational material. Due to the need for more mine risk education inspectors in 2020, two courses were planned for said inspectors with 50 attendees from different organizations dealing with mine risk education. The main goal of quality assurance in mine risk education in 2020 will be permanent follow-up of quality assurance systems in organizations that conduct mine risk education. The goal also implies grading of their work's quality. Specific attention will be paid to Mine Action Centre BiH internal control, in order to improve the quality of creation of individual projects, Land Release projects as well as mine risk education projects, with the aim of integrating them into a unique process.

Priority in public dissemination in 2020 will be conveyed by local media, aimed at problems of population in affected communities, and able to significantly contribute to risk reduction.

## **5. MINE VICTIMS ASSISTANCE**

The Council of Ministers of Bosnia and Herzegovina, at their 143. Session held 23<sup>rd</sup> May 2018, passed a decision on founding of the Mine Victims Assistance Coordination Body for Bosnia and Herzegovina, for assisting mine/ERW/cluster munition victims. It is formed as a standing technical and advisory body under the Ministry of Civil Affairs in Bosnia and Herzegovina. Among the tasks of the Coordination body is the coordination with all organizations and institutions involved in mine victims assistance. The Coordination group gathers all active participants in the field of mine victims assistance. Through fulfilment of this aim, it is expected that mine victims in BiH will finally be recognized in all social structures of Bosnia and Herzegovina.

By forming the coordination flow, the information about mine victims will be better and easily available. In accordance with that, it will be easier to transparently distribute help to the ones

in need. It is to be expected that the extent of donor funds, and funds from the government sector, will be decreased. It is also to be expected a better final effect in targeted groups of mine victims. By establishing the mechanism for exchange of information about mine victims, existing information will be supplemented, creating a complete picture of mine victims situation in BiH as well as the impact of mine victims assistance program.

In 2020, there will be efforts through various programs to improve psychological and social assistance to mine victims; efforts will also be made to economically empower mine victims and their families. Furthermore, efforts will be made to widen and guarantee medical rehabilitation, as well as quality orthopedic aids. Long term financial support to mine victims programs and projects will present a great challenge, and great significance will be given to increased mine victims involvement into the process of decision making both internationally and nationally.

Mine Victims Assistance Activity Plan for 2020													
Serial	Activity	Month											
		1	2	3	4	5	6	7	8	9	10	11	12
1	Coordination working group for MVA works at full capacity after its appointment												
2	Participation is planned at several seminars dealing with MVA projects												
3	The plan is to urgently develop rules of procedure for the group, and the forming of working bodies for specific areas in MVA process												
4	Development of quarterly reports on mine victims												
5	Collection of data for reporting in accordance with Chapter 7 ICBL of Mine Ban Convention												
6	Collection of data for reporting in accordance with IPAP - NATO Bruxelles												
7	Report on implementation - for mine victims (Ottawa Convention)												
8	Preparation of cluster munition report												
9	Reporting as per Article H of cluster munition victims assistance												
10	Reports and data analysis on mine victims for third persons												
11	Implementation of the activities from the operational plan												
12	Creation of activity report for 2020i												
13	Streamlining and publishing of the operational plan for 2020												
14	Analysis of data from the local community and storing the daid data into the mine victims database												
15	Collection of data for the creation of plan for 2020												
16	Creation of the work plan for 2020												
17	Entry of new incidents into the BHMIC database												
18	entry of new victims into the BHMIC database												
19	Updating of existing information on incidents and mine victims												
20	Following legislation and collecting data on existing and new laws and provisionsodredbama												
21	Preparation of mine victims dana for the needs of BHMIC website												
22	Maintenance of the mine victims information system												
23	BHMIC activities necessary for the realization of EU projects for mine victims assistance												

**Table 4: Mine Victims Action Plan 2020**

## 6. REVIEW OF AVAILABLE RESOURCES FOR HUMANITARIAN DEMINING

Rb	ORGANIZATION	MACHINES	NO OF EDDs PREGA	DETECTORS
1	"Minemon" d.o.o. Pale	0	0	10
2	"Trotil" d.o.o. Sarajevo	0	0	7
3	"POINT" d.o.o.	1	2	26
4	DETEKTOR	1	2	29
5	CHR	0	2	23
6	EKSPLORING	0	0	5
7	N&N IVSA	2	3	58
8	UEM d.o.o.	1	2	30
9	IN DEMINING	1	2	35
10	Centar za obuku pasa za otkrivanje mina	0	2	21
11	NGO POSAVINA BEZ MINA Brčko DC BiH	0	0	0
12	NGO PRO VITA	1	0	19
13	NGO STOP MINES	2	4	116
14	NORWEGIAN PEOPLES AID (NPA)	5	13	191
15	UDRUŽENJE ZA ELIMINACIJU MINA UEM	1	2	27
16	UG DEMIRA	1	2	42
17	UG EKO DEM	1	0	22
18	Udruga "Pazi mine" Vitez	1	0	35
19	MAG	0	2	52
20	Udruženje za obuku pasa "Trening Tim"	0	0	0
21	Federal Civilian Protection	5	4	109
22	Brčko District Civilian Protection	0	0	7
23	Red Cross Society BiH	0	0	0
24	Armed Forces BH	5	22	257
25	Republic of Srpska Civilian Protection	5	4	45
<b>TOTAL</b>		<b>33</b>	<b>68</b>	<b>1166</b>

*Table 5: Review of accredited organizations with available material and technical resources*

Currently there are 25 accredited organizations for mine action, out of them 8 commercial companies, 12 non-government and 5 government organizations for mine action (Armed Forces BH, Federal Department of Civilian Protection, Republic Administration of Civil Protection of the Republic of Srpska, Brčko District Civilian Protection and Red Cross Society BiH). In accredited organizations, there are currently approximately 1.200 engaged persons who possess accreditation for deminer activities, as well as their working licenses. This number included 850 trained deminers and 350 persons authorized for the conduct of managerial and supervisory tasks (team leaders, site leaders, operations officers, quality assurance officers, EDD trainers, dog handlers, operators etc.). Technical capacities available at the moment will increase the deminers productivity, decrease the cost of demining and most importantly, improve safety and reliability of the demining process itself.

Machines or EDDs will be engaged in technical surveys, depending on the configuration and conditions on the ground.

Based on currently available resources, it is possible to conduct humanitarian demining operations on an area of approximate size of 42 km<sup>2</sup>.

Resources	Clearance m <sup>2</sup>	Technical survey m <sup>2</sup>	TOTAL m <sup>2</sup>
Machines	1,500,000	30,000,000	30,000,000
EDDs	1,256,640	2,932,160	4,188,800
Deminers	2,376,000	5,544,000	7,920,000
<b>TOTAL</b>	<b>5,132,640</b>	<b>38,476,160</b>	<b>42,108,800</b>

*Table 6: Review of productivity with resources available for 2020*

This is a transition period where both classical approach (technical survey and clearance according to Standard for mine and UXO removal in BiH) and land release approach (technical survey and clearance according to Mine Action Standard in BiH – Land Release concept) are used, the resources of demining organizations stated above will be engaged with both concepts, in accordance with the shown interest from the donors.

During 2020, Department for management of MA will conduct training of the inspectors in order to improve technical supervision, participate in training of personnel within demining, monitoring and mine risk education organizations, participate in the work of technical working groups of demining community in BiH, and conduct testing of persons authorized for the conduct or management of mine action activities.

The following is expected during 2020: development of missing chapters of the Standard and SOP, as well as amendments of the existing ones. Mine Action Centre BiH has 44 surveyors, i.e. 22 survey teams for nontechnical survey, general and systematic survey, emergency marking; it further has 8 senior administrative assistants for planning of general survey operations, 12 inspectors and 28 senior administrative assistants for quality control, i.e. for the conduct of technical supervisions/inspections.

In 2020, the project “A Comprehensive Assessment of the Suspect Area for existence of mine and cluster munition threat in Bosnia and Herzegovina 2018-2019” continues with the aim of evidence-based defining of the suspect area containing mine threat. In this project, 9 BHMALC survey teams are engaged along with 3 NPA survey teams and 2 Armed Forces BH survey teams.

Due to participation in the conduct of the stated project, the decrease is expected in the realization of basic tasks defined by this Plan in the part that relates to nontechnical survey operations, i.e. preparations of new projects.

## **7. TRAINING, RESEARCH AND DEVELOPMENT**

Project 1. – Training of employees in Mine Action in BiH

Aim: Ensure specialized education of existing and new personnel in BiH in the area of mine action.

Activities:

1. Approval, supervision and recording of additional training by accredited organizations for approximately 1100 deminers – participants.

Deadline: January – December 2020

Number of tasks: 30

2. Approval, supervision and recording of training by accredited organizations and BHMAC.

Deadline: January – December 2020

Number of tasks: 20

Project 2. – Research and development

Aim: - Maintain and establish technical cooperation with adequate national and international institutions and individuals in order to improve mine action in BiH, and technical improvement of personnel in accordance with the development of MA and new scientific and technological achievements.

Activities:

1. Organization of training with the topic of deminers accident investigation and quality control management in MA, in cooperation with GICHD, AF BH and NGO “MAG International”.

Deadline: May – June 2020

Number of tasks: 2

2. Encourage cooperation of BHMAC, Armed Forces BH and Civilian Protections with other organizations and countries which are dealing with mine issue, all in order to promote knowledge and experiences from BiH.

Deadline: January – December 2020

Number of tasks: 4

## **8. COMMUNICATION AND ADVOCACY IN MINE ACTION**

Considering fundamental aims and tasks of Mine Action Centre in BiH and legislature which enables legal and timely conduct of mine action, as well as faster and more efficient way of the Mine Action Centre itself. In cooperation with all subjects involved in this area, BHMACH will assume a sequence of activities to inform and increase the level of understanding in citizens and donors in mine action process, and improve the image of both BHMACH and MA system in public, and its position in the society.

Led by set strategic goals, communications and public relations activities that will be the focus of Mine Action Centre in BiH during 2020 will be communication and advocacy, which will include:

Information dissemination to increase the level of understanding and interest in citizens in mine actions in BiH, as well as raising awareness and trust of national and international actors; promotion of Mine Action Centre in BiH and its activities to inform the public of institution's working results, promotion of achievement in mine action; consultations with relevant institutions and organizations involved in mine action process and responsible for the implementation of Ottawa Convention, all in order to improve the work of the Centre and to advocate the principles of Ottawa convention

Informative activities:

Regular update of the site [www.bhmac.org](http://www.bhmac.org)

Presence at national and international conferences with the topic of mine action,

Media appearances as a tool of adequate answering to requests and questions presented by national and local media, which includes guest appearances, media conferences, and timely and accurate publishing of articles and announcements of news in mine action,

Presentations of the work of the Centre and of results in mine action to both national and international public,



Ongoing and systematic follow-up of public opinion, and analysis of printed and electronic media/press clipping,

Adequate featuring of April 4<sup>th</sup>, International Mine Awareness Day, as an opportunity to increase awareness about mine threat and the necessity to continuously setting aside resources for the resolvment of this long-term problem.

Continuous cooperation with Mine Action Centers in both region and the world, to exchange experiences and improve cooperation in this area.

## 9. FINANCING

The Article 18. of the Demining Law in BiH prescribes: “The resources for the implementation of Demining Plan are ensured from the donors’ resources, Bosnia and Herzegovina budget and Entities’ budgets, as well as from other resources.”

LAND RELEASE ( 1 million km)		2020
Activity	Implementing agency	
Cancelled area - nontechnical survey	BHMAC	2,950,000
Reduced area - technical survey	Accredited organizations	28,600,000
Cleared area - mine clearance	Accredited organizations	4,200,000
Total		35,750,000
NONTECHNICAL SURVEY AND MARKING (1 million km)		2020
Activity	Implementing agency	
Processed SHA - nontechnical survey	BHMAC	2,950,000
Emergency marking	BHMAC	50,000
Total		3,000,000
Grand total		<b>38,750,000</b>

*Table 7: Necessary funding for 2020*

The expenses of Mine Action Centre in BiH that amount to BAM **5.945.000** were not included in the total sum of necessary funding, and will be spent through two programs, planning and project making in mine action and quality assurance in mine action. It is planned that BAM 3.567.000 is spent for the first program, and BAM **2.378.000** for the other program. Total necessary financial funds for 2020 are BAM **38.750.000**

According to information gathered from main actors in mine action in BiH, the total planned funds are BAM **37.624.101** as follows:

### Sources from BiH

For the needs for Mine Action Centre BiH, the budget of BiH institutions will provide BAM **5.945.000**.

Out of the BIH institutions budget for mine action, and through the budget of Ministry of Defense and Armed Forces BH, approximately BAM **4.500.000** will be secured.

Out of the budget of the Federal Government BiH and through the budget of Federal Department of Civilian Protection, approximately BAM **6.000.000** will be secured.

Out of the budget of government of Republic of Srpska for mine action, and through the budget of Republic Administration of Civil Protection of the Republic of Srpska, approximately BAM **3.000.000** will be secured.

Out of the budget of Brčko District government for mine action, approximately BAM 1.000.000 is secured.

**Total planned funding by institution will be approximately: BAM 20.445.000**

#### **Donors resources**

Through the mediation of ITF (International Trust Fund for Demining and Mine Victims Assistance in S/E Europe – Enhancing Human Security) approximately BAM 8.500.000 has been planned for mine action.

Through the mediation of NGO NPA, BAM **4.500.000** are planned for spending.

**Total planned funds should be approximately BAM 13.000.000.**

As for other donors' resources for the realization of the Operational plan, it is estimated to provide additional BAM **3.500.000** (individual donor countries, EU, UNDP, ICRC etc.).

It is planned that all the sources combined should secure BAM **36.945.000**, which is not sufficient for the conduct of this plan, therefore it is necessary to ensure additional BAM **1.805.000**.

## **10. CLUSTER MUNITION**

In the period from 01.01.2011 to 30.06.2011, NPA implemented the first phase of the general survey of areas contaminated with cluster munition in Bosnia and Herzegovina, which as a result provided the general assessment of the situation with remained cluster munitions, as follows: (1) threat assessment from remained cluster munition and (2) its social, economic and environmental impact in Bosnia and Herzegovina. General assessment of the remained cluster munition situation is

the basis for strategic planning and measurement of success in the implementation of Mine Ban Convention ratified by Bosnia and Herzegovina on August 25<sup>th</sup> 2010, having committed to obligations and deadlines prescribed by the Convention. Through the realization of the first phase of general survey, the immediate aim of Norwegian People's Aid in Bosnia and Herzegovina has been achieved – to assist government authorities in fulfilling their obligations undertaken by the ratification of the Mine Ban Convention.

In 2020, NPA (Norwegian Peoples Aid), Armed Forces Bosnia and Herzegovina and Federal Department of Civilian Protection intend to conduct operations at the area of 14 municipalities: Travnik, Kladanj, Zavidovići, Tešanj, Zenica, Sapna, Kalesija, Gradačac, Glamoč, Bosansko Grahovo, Han Pijesak, Bratunac, and Krupa na Uni, Brod. Current size of cluster munition suspect area is 2,31 km<sup>2</sup>.

Red	Entitet	SurveyID	Opština	Lokacija	Površina u m <sup>2</sup>	Nivo ugroženosti zajednice	Lokalna zajednica
1	FED	10066	Travnik	Travnik - Grad	12,626	Visoki	Travnik
2	FED	10422	Kladanj	Zorin potok	13,963	Niski	Vitalj (Javor)
3	FED	10617	Zavidovići	Ribnica	37,270	Srednji	Ribnica
4	FED	10618	Zavidovići	Ribnica 2	15,111	Srednji	Ribnica
5	FED	11065	Tešanj	Školjica Brdo	49,841	Visoki	Tešanj
6	FED	11071	Zenica	Smetovi	42,605	Srednji	Vranovići
7	FED	11075	Zavidovići	Novo naselje	37,931	Srednji	Novo naselje
8	FED	11099	Sapna	Sapna	13,052	Srednji	Sapna
9	FED	11101	Kalesija	Tojšići	5,299	Srednji	Tojšići
10	FED	11102	Gradačac	Mionica	8,356	Srednji	Mionica
11	FED	9508	Glamoč	Paljenica	58,099	Srednji	Korićina
12	FED	11114	Bosansko Grahovo	Lugarnica 3 A	15,140	Srednji	Gornje Peulje
13	RS	4208	Han Pijesak	Japaga	154,082	Visoki	Japaga
14	RS	4282	Bratunac	Zaseok Krke-nastavak	41,306	Niski	Pobudje
15	RS	4409	Krupa na Uni	Rejon Grabovac	8,190	Visoki	Donji Petrovići, Krupa na Uni
16	RS	4694	Brod	Novo Selo-nastavak 1	95,497	Visoki	Novo Selo, Brod
17	RS	4696	Brod	Novo Selo-nastavak 2	98,352	Visoki	Novo Selo, Brod

**Table 8: Projects reserved for cluster munition in 2020**

## 11. GROUPING OF SUSPECT HAZARDOUS AREAS INTO MINE SUSPECT AREAS (MSA)

The process of land release is based on collection and analysis of all information about mining, having in mind all the relevant information related to the wider area, such as methods of warfare, course or warring activities, most frequently used mines, common methods of laying mines and similar. For the reason of the implementation of land release process, wider area will be defined,

which can be treated as a logical whole from the viewpoint of this issue – MSA. This area encompasses one or more mine contaminated communities.

With the support of authorized representatives from municipalities (local communities), BHMIC performs the grouping of suspect areas at the territory of the subject municipality into logical wholes of individual MSAs and defines priority, i.e. the sequence of performance and release of the MSAs. In cases of manifested needs for urgent resolution of smaller areas, the said areas can be excluded from already defined MSAs, and treated through the process of land release.

Red.	Entitet	MSP-Id	Naziv MSP	Površina u m <sup>2</sup>	Status	Opština
1	FED	6	Bili potok	2,667,184	Rezervisano	Kupres
2	FED	10	Jelačići	5,910,597	Rezervisano	Kladanj
3	FED	14	Vozuča	3,087,809	Rezervisano	Zavidovići
4	FED	15	Cavas	2,538,314	Rezervisano	Ravno
5	FED	33	NP Una	3,528,587	Rezervisano	Bihac
6	FED	41	Veseoski podovi	123,089	Rezervisano	Bugojno
7	FED	42	Kozlovac	2,072,082	Rezervisano	Ilijas
8	FED	45	Bijelo Bučje	2,743,747	Rezervisano	Travnik
9	FED	47	Radoč	1,053,617	Rezervisano	Bužim
10	FED	48	Drenova Glavica	360,308	Rezervisano	Bosanska Krupa
11	FED	49	Donji Ulišnjak	1,156,306	Rezervisano	Maglaj
12	FED	51	Orahovica Jug	1,034,316	Rezervisano	Lukavac
13	FED	54	Vlajčići	1,910,420	Rezervisano	Visoko
14	FED	61	Lukavica Rijeka - Stanić Rijeka	365,123	Rezervisano	Doboj-Istok
15	FED	70	Milino selo	1,433,051	Rezervisano	Lukavac

**Table 9: MSA projects reserved in 2020**

The release of the land for use will be fully implemented in BiH during this strategic period, and there is a general consensus that its full implementation is a solution for higher operational efficiency. BHMIC committed to elaborate and specify the issue of mine/ERW contamination through the conduct of nontechnical survey, technical survey and clearance operations. BHMIC will ensure that all organizations accredited for technical survey and clearance comply with the principles of land release for use through the quality system of quality management, and comply as well with the recently revised Standard and Standing Operational Procedures of BHMIC for land release. Furthermore, BHMIC will ensure that information management processes enable collection, storage and analysis of accurate and updated information on survey and clearance, which will in return facilitate the operational planning and decision making, and enable consistent and transparent reporting on the results of technical survey and clearance. This also encompasses recording regarding the commitments arising from the international conventions. BHMIC also committed to organize

semiannual technical group meetings in order to enhance coordination, information exchange and transparency.

BHMAC will continue to plan the operation of technical survey and clearance in direct cooperation with municipalities and committed mine action coordinators at cantonal and municipality level. Municipality mine action plans will be created that will reflect local needs and priorities in order to ensure the sustainable results of mine action.

Red.	Entitet	MSP-Id	Naziv MSP	Povrsina u m <sup>2</sup>	Status	Opština
1	FED	5	Zlosela	11,700,000	U toku CI i SI	Kupres
2	FED	7	Donji Malovan	5,311,753	U toku CI i SI	Kupres
3	FED	8	Olovske Luke - Petrovići	7,770,000	U toku CI i SI	Olovo
4	FED	32	Gojčin	2,380,837	U toku CI i SI	Kalesija
5	FED	36	Vlašići 3	2,229,002	U toku CI i SI	Travnik
6	FED	53	Hodovo	2,038,187	U toku CI i SI	Stolac
7	FED	60	Orahovica	2,129,152	U toku CI i SI	Lukavac
8	FED	67	Matijaševo brdo	268,101	U toku CI i SI	Sarajevo-Noví Grad
9	RS	13	Zborište - Krušćik	825,665	U toku CI i SI	Brod
10	RS	18	Koprivna	2,613,254	U toku CI i SI	Oštra Luka
11	RS	25	Ljubljénica	1,551,765	U toku CI i SI	Berkovici
12	RS	27	Crni Vrh - Šibovi	904,842	U toku CI i SI	Mrkonjić Grad
13	RS	35	Istočni Stari Grad	478,507	U toku CI i SI	Istočni Stari Grad

**Table 10: Ongoing MSA projects in 2020**