

LAND RELEASE

**as a new approach to address
the problem of mines in BiH**

Land Release

In 2009 in International Mine Action Standards (IMAS) Land Release was introduced as a new approach to address the problem of mines.

Land Release is a process of applying all reasonable efforts in order to identify and remove any presence and suspicion of mines through non-technical survey, technical survey and clearance.

In order to adopt Land Release as a concept for solving problem of mines in BiH, it is necessary to develop appropriate standard.

Basis principles for development of standards

1. Land Release is a future approach for solving the problem of mines in BiH.
2. In the transitional period current approach and land release will be applied in parallel.
3. It is necessary to develop a new standard that will be adjusted to this new approach.
4. New standard has to be in coordination with IMAS.
5. First will be developed Chapters on Land release, Non-technical survey and Technical survey.
6. Land Release process in BiH will be managed by BHM MAC. Demining organizations will conduct technical survey and clearance.

Land Release

In accordance with mentioned assumptions, there were adopted Standard for Mine Action in BiH :

- Chapter 1. Land Release
- Chapter 2. Non-technical survey
- Chapter 3. Technical survey in the process of Land Release

and Standard Operation Procedure

- Chapter 1. Non-technical survey
- Chapter 2. Tasking

BASICS OF LAND RELEASE **as the approach for addressing mine problems**

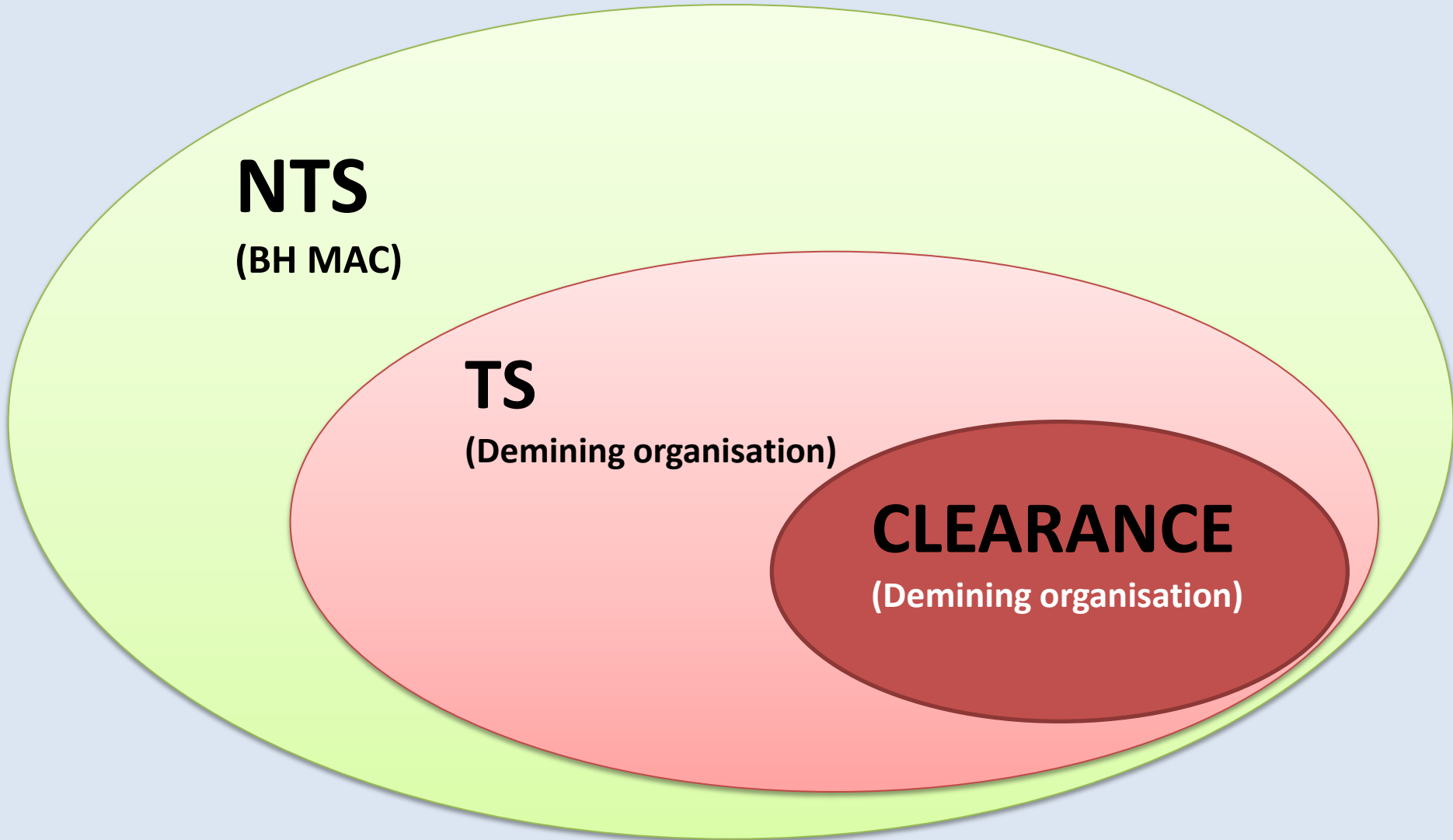
- Important difference in this approach compared to those used by now is shifting the **focus** of mine problem solving **to non-technical survey** methods.
- Within this approach, focus in solving the problem of mines is **on non-technical survey process** (NTS) in which all information about mines and minefields are being collected and analyzed without use of technical methods.
- **Technical survey** (TS) is being used for checking and confirmation of information collected through non-technical survey (NTS), as well as for precise determining the boundaries of mined areas.
- Mines/ERW are being removed through **clearance** operations from the areas determined through NTS and TS processes.

Land Release

NTS
(BH MAC)

TS
(Demining organisation)

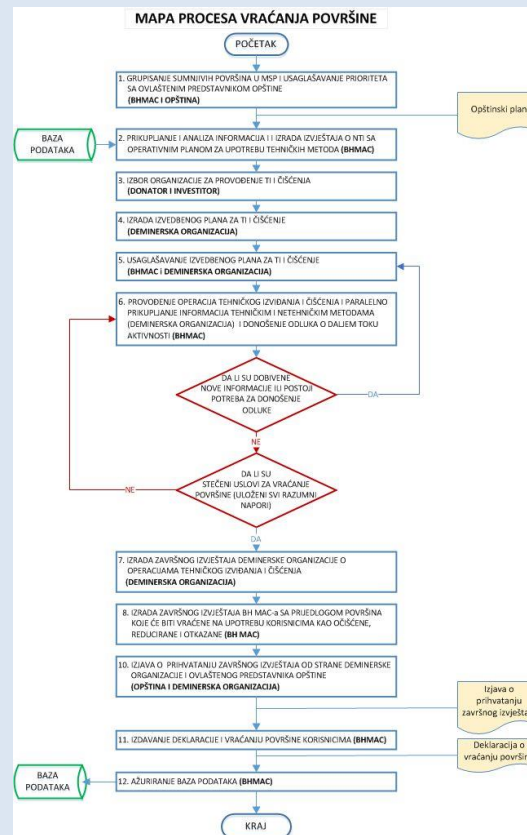
CLEARANCE
(Demining organisation)



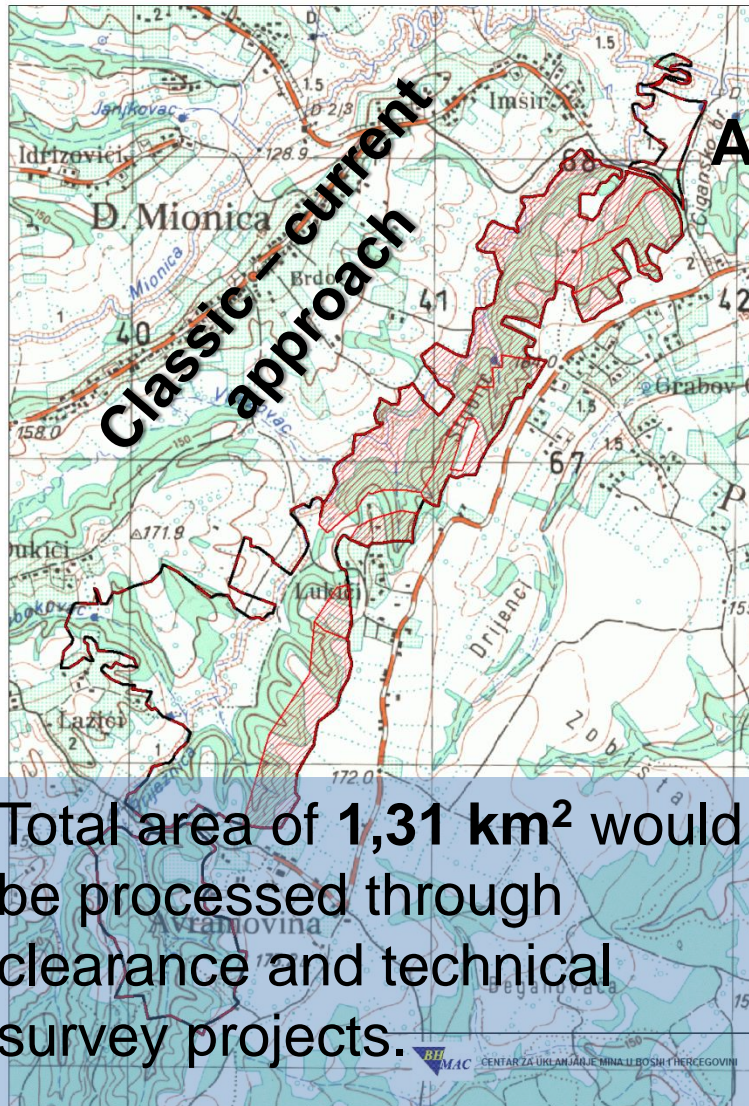
BASICS OF LAND RELEASE **as the approach for addressing mine problems**

- The area in which clearance operations were conducted is declared as **cleared** and that area is being returned to beneficiaries for use.
- The area in which TS operations were conducted and after that was concluded that there are no evidence of mines, that area is declared as **reduced** area and it is being returned to beneficiaries for use.
- Other area that was subject to NTS but evidence of mines were not found, that area is declared as **cancelled** area and it is being returned to beneficiaries for use.

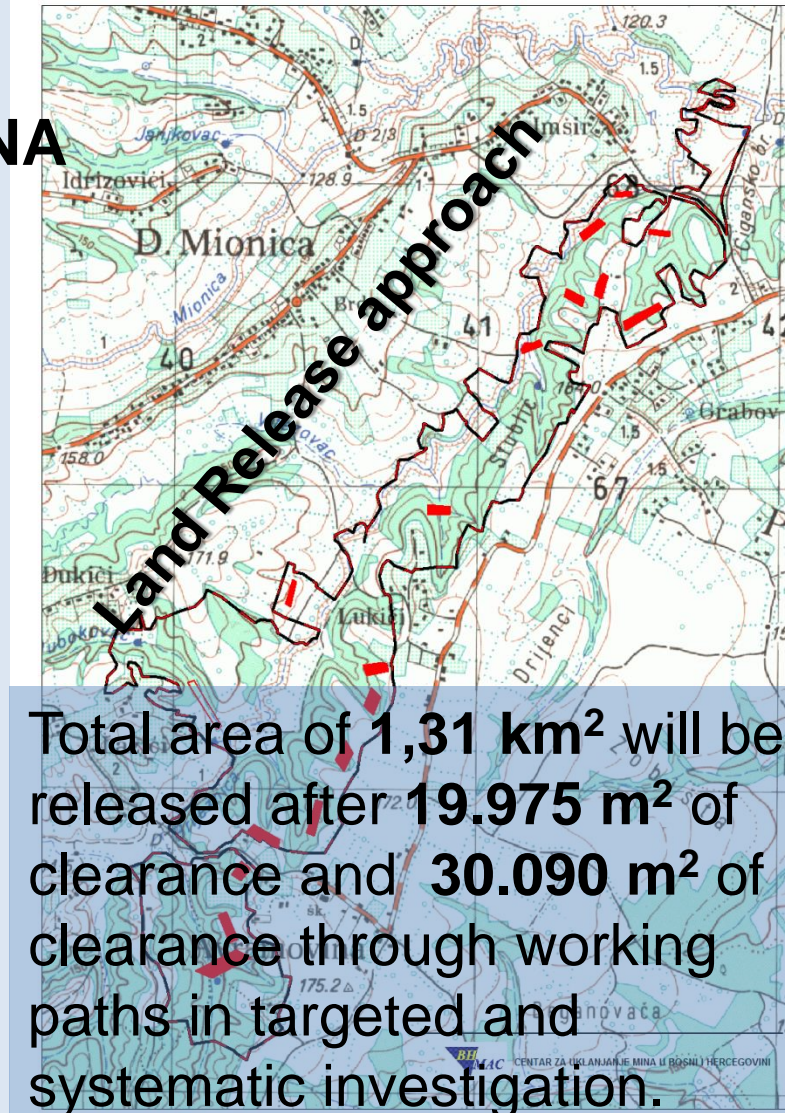
MAP OF THE LAND RELEASE PROCESS



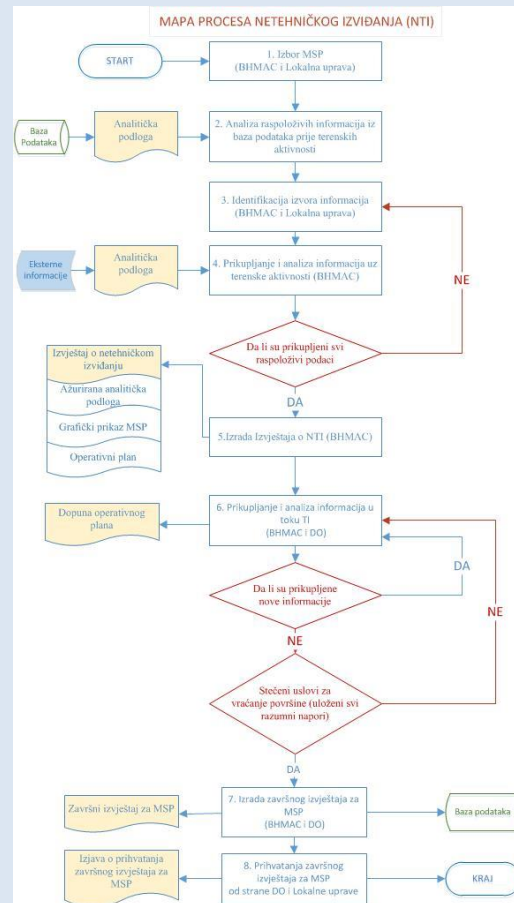
Comparison of classic approach and land release approach in addressing the problem of mines



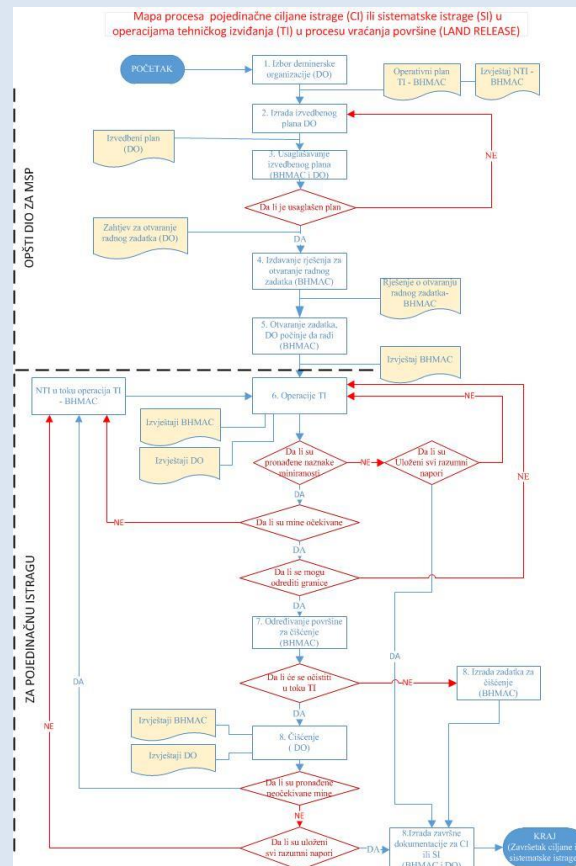
MSP AVRAMOVINA



MAP OF NON-TECHNICAL SURVEY PROCESS



MAP OF TECHNICAL SURVEY PROCESS



Activities on application of Land Release concept in BiH

Finished MSPs (October 2018)

	Ent	MSP Id	MSP Area m ²	Cancelled m ²	Reduced m ²	Cleared m ²	Investigation paths m ²	Mines found
1	Fed	1	5,990,000	5,675,011	190,631	8,660	44,876	23
2	Fed	2	9,410,000	9,294,082	206,770	32,992	17,018	18
3	Fed	3	1,310,000	852,235	297,845	20,002	30,063	32
4	Fed	4	1,550,000	1,243,770	274,629	12,894	40,765	46
5	Fed	9	2,500,000	2,000,738	211,267	23,881	24,768	258
6	Fed	11	3,380,000	2,726,101	651,187	3,173	72,234	36
7	Fed	12	6,770,000	2,298,690	305,056	9,366	53,133	40
8	Fed	16	2,141,221	1,746,520	381,791	26,959	53,638	132
9	Fed	17	3,900,000	3,524,686	515,149	45,393	121,776	380
10	Fed	18	2,039,000	1,730,631	322,262	40,814	50,476	66
11	Fed	31	3,798,741	3,552,931	229,565	18,301	61,238	113
TOTAL:			42,788,962	34,645,395	3,586,153	242,432	569,985	1,144

Activities on application of Land Release concept in BiH
Realization in progress - MSPs
(October 2018)

17 MSPs
Total area 48 km²

Activities on application of Land Release concept in BiH
Operational plan finished – waiting for donor (October 2018)

	Ent	ID	MSP Area m ²
1	FED	10	5,910,597
2	FED	14	3,087,809
3	FED	23	3,355,379
4	FED	26	4,055,039
5	FED	28	1,875,658
6	FED	30	448,811
7	FED	33	3,528,587
8	FED	34	3,075,444
9	FED	39	2,269,326
10	FED	40	1,965,192

	Ent	ID	MSP Area m ²
11	FED	45	2,743,747
12	FED	46	2,264,197
13	FED	47	1,053,617
14	FED	48	360,308
15	FED	49	1,156,306
16	FED	50	515,087
17	FED	51	1,060,039
18	FED	55	784,554
19	FED	58	1,943,882
TOTAL:			41,453,580

Thank you for your attention !

Questions ?