



**The Republic of South Sudan  
Article 5 Extension Request  
Updating the Work Plan  
01 January 2020 - 30 June 2026**

**Intercessional Meetings – Geneva  
20 June 2022**

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- **Background**
- **Start Point**
- **Progress made since 01 January 2020**
- **The overview of the current known EO threat**
- **Estimated progress towards the extension finish line - Milestone**
- **Survey requirements**
- **Clearance**
- **Capacity**
- **Challenges**
- **The way forward from July 2026**

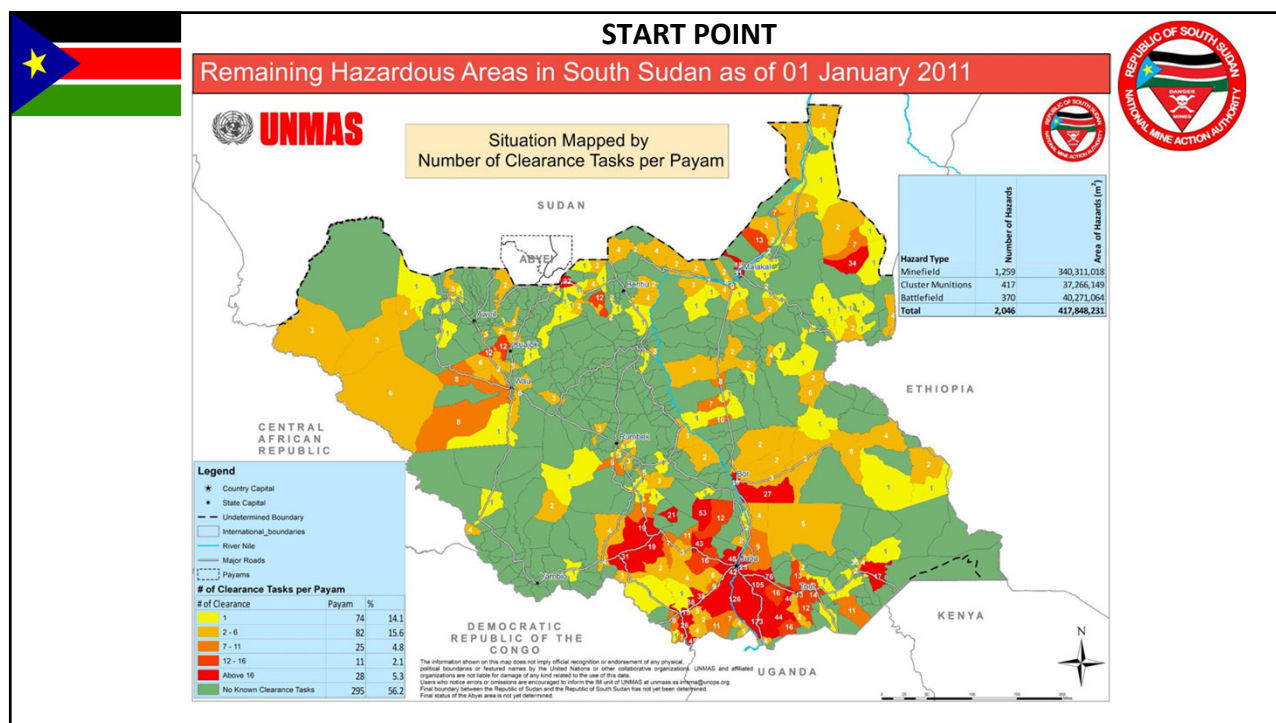
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## Background

- The Republic of South Sudan submitted the request for an extension of the deadline for completing the destruction of Anti-personnel Mines in mined areas in accordance with Article 5, paragraph 1 of the APMB Convention to the Chair of the Committee on Article 5 Implementation at the 19<sup>th</sup> Meeting of the State Parties on 31 March 2020
- Updated Work Plan is expected to be submitted to the Committee by 30 April 2022 and to be presented by the NMAA in Geneva in June 2022
- The Work Plan presents an overview of remaining Explosive Ordnance (EO) hazard with focus on Anti-Personnel landmine hazards, geographical positions, required clearance methodologies and capacities within estimated timeframe and budget.
- Emphasis is given to a short, and long-term challenges which may affect the implementation of the plan

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## Progress Made Since 01 January 2020

(Date of entry into force of extension)

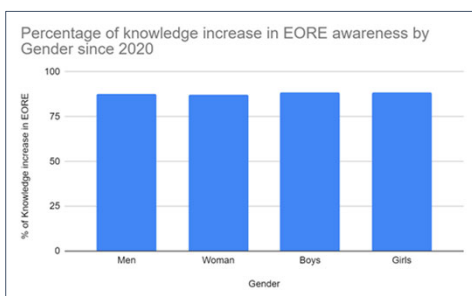
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State	# Counties	Cancelled area (m <sup>2</sup> )	Reduced area (m <sup>2</sup> )	Cleared area (m <sup>2</sup> )	Total area released (m <sup>2</sup> )	Number of AP Mines destroyed	Number of other explosive remnants of war	Number of areas release
Central Equatoria	1	51,536	0	608,402	659,938	196	138	13
Eastern Equatoria	2	15,650	0	314,706	330,356	63	205	5
Jonglei	1	133,207	0	0	133,207	0	0	0
Northern Bahr El Ghazal	2	10,332	11,564	34,979	56,875	3	2	3
Upper Nile	2	4,700,000	0	0	4,700,000	0	0	2
<b>Total</b>	<b>8</b>	<b>4,910,725</b>	<b>11,564</b>	<b>958,087</b>	<b>5,880,376</b>	<b>262</b>	<b>345</b>	<b>23</b>

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## EORE Beneficiaries Since 01 January 2020

Year	Boys	Girls	Men	Women	Total
<b>2020</b>	67,937	62,778	56,402	59,684	246,801
<b>2021</b>	107,599	97,761	60,627	70,303	336,290
<b>2022</b>	28,849	25,995	12,578	15,430	82,852



Using Pre-Post EORE survey helps us define knowledge increase as a precondition for a risk behavior changing



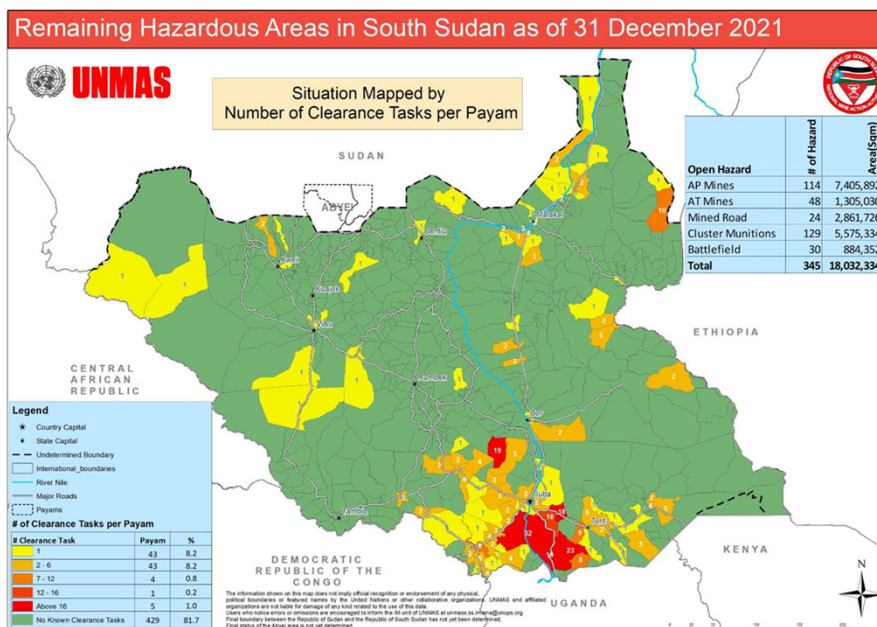
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## Slide 5

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- 1 @ayuathm@unops.org @netsaneth@unops.org  
Apology for short notice, but NMAA will need this for their meeting this Friday. If we can update the information provided in slides looking for achievements since Jan 2020 and current threat as of 28 Feb 2022  
\_Reassigned to Ayuath Moses Noel ALFRED\_  
Zehrudin SUKANOVIC; 16.03.2022
- 1 Kindly noted  
Ayuath Moses Noel ALFRED; 16.03.2022
- 2 @ Zed, The tables and the maps have been updated accordingly  
Ayuath Moses Noel ALFRED; 16.03.2022
- 2 Thank you Moses  
Zehrudin SUKANOVIC; 16.03.2022

## Currently known EO threat

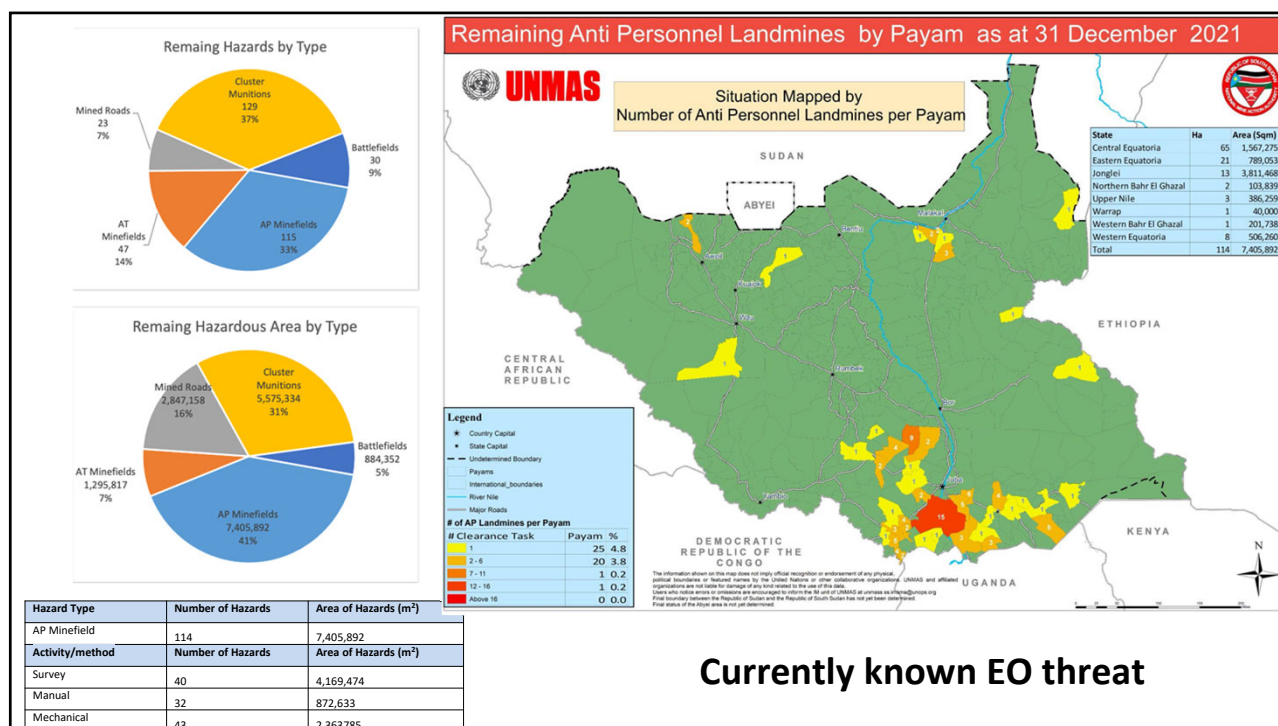


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## Currently known EO threat

State	MF		CM		BF		ALL HA	
	#HA	Area (sqm)	#HA	Area (sqm)	#HA	Area (sqm)	#HA	Area (sqm)
Central Equatoria	89	2,070,811	46	2,576,305	17	354,584	152	5,001,700
Eastern Equatoria	30	1,548,480	55	2,323,416	5	263,836	90	4,135,732
Jonglei	29	5,972,188	9	187,571	1	28,200	39	6,187,959
Lakes	0	0	1	58,040			1	58,040
Northern Bahr El Ghazal	3	120,972					3	120,972
Unity	1	69,900			1	18,980	2	88,880
Upper Nile	19	1,019,576	4	113,599	5	208,752	28	1,341,927
Warrap	1	40,000	1	19,745			2	59,745
Western Bahr El Ghazal	3	218,819	1	36,502			4	255,321
Western Equatoria	11	511,902	12	260,156	1	10,000	24	782,058
<b>Total</b>	<b>186</b>	<b>11,572,648</b>	<b>129</b>	<b>5,575,334</b>	<b>30</b>	<b>884,352</b>	<b>345</b>	<b>18,032,334</b>

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## Estimated progress towards extension finish line - Milestones

	# of Areas Cleared in the year	Area Cleared	Total # of Areas Remaining	Total Area (m2) Remaining
01 Jan - 31 Dec 2020	12	756,334 (manual) 16,385 (mechanical)	119	7,278,506
01 Jan - 31 Dec 2021	42	1,056,000 (manual) 704,000 (mechanical)	114	7,405,892
01 Jan - 31 Dec 2022	35	1,680,000 (manual) 1,050,000 (mechanical)	79	4,657,892
01 Jan - 31 Dec 2023	35	1,680,000 (manual) 1,050,000 (mechanical)	44	1,945,892
01 Jan - 31 Dec 2024	22	600,000 (manual) 1,050,000 (mechanical)	22	295,892
01 Jan - 31 Dec 2025	22 + new finds	295,892 (mechanical)	0	0

**NB** - this estimation is based on predicted clearance rates and homogenous minefield sizes. It is only an indication of likely progress as both of these elements are variable, and are subject to further external impediments such as security, increased flooding, etc.

Of note: The revision of the APMBC Extension Work Plan is ongoing and an updated version will be submitted by April 2022

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## Survey Requirements



For Surveys	Number of Hazards	Area of Hazards (m <sup>2</sup> )
CHA	15	296,254
SHA	24	3,873,220
0 m <sup>2</sup> polygon CHA	6	267,048
0 m <sup>2</sup> polygon SHA	8	0

- LIS legacy still leaves a number of overestimated hazards that requires detailed NTS
- 40 AP hazards require survey, or 56% of currently recorded 7,4 km<sup>2</sup> of total AP threat
- Only one suspected AP minefield in Akobo (DA-SS-120) is estimated to 1,9 km<sup>2</sup> - survey recommends the cancellation in which case the AP hazard will reduce to **5,427,813 m<sup>2</sup>** as of July 2022
- 8 SHA with 0 m<sup>2</sup> are also likely to be cancelled
- NTS will continue through the implementation of the work plan with provision to identify/ report new hazards

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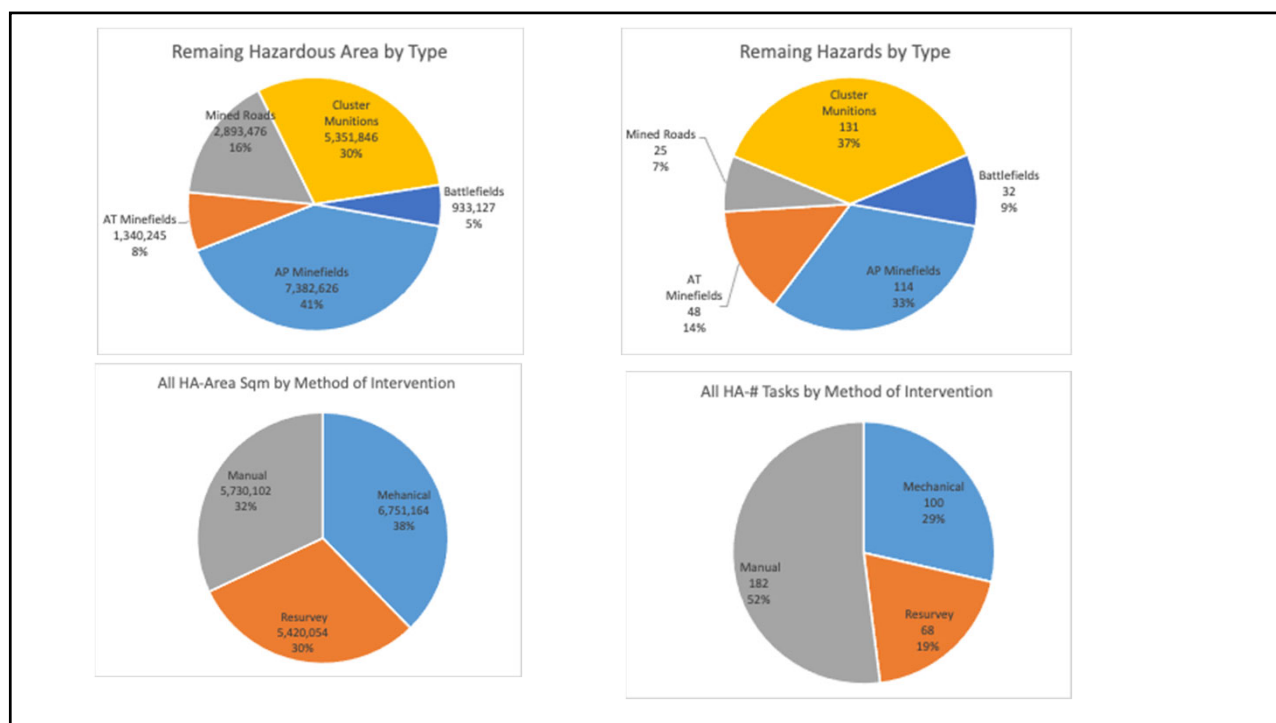
## Clearance





AP	Central Equatoria	Eastern Equatoria	Western Equatoria	Jonglei	Upper Nile	Northern BG	WBG, Lakes, Warap
# hazards	114	65	21	8	13	3	1
Area m2	7,405,892	1,834,323	789,053	506,206	437,279	386,259	40,000
Manual clearance days (1 team)	2,461	1,066	955		278		162
Manual clearance months(1 team)	93.9	48.5	43.4		1.0		1.0
Mechanical Clearance days (1 team)	1,630	708	247	219	199	129	128
Mechanical Clearance months (1 team)	69.2	32.2	11.2	9.9	9.0	1.0	5.8

- Clearance estimated through the method of intervention on manual and mechanical
- Manual mine clearance (MMC) teams structured to have larger clearance capacity with 15+ deminers/detectors in a team. Clearance of 300 m<sup>2</sup> per day
- Mechanical clearance (ground prep teams) MW330 and MW240 deployed in support to minefields clearance. Only effective asset where minimum metal AP mines are present. Estimated daily clearance rate at 2,500 m<sup>2</sup>.

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**Capacity estimated to be required to complete milestone**

Team Type	Required number of teams				
	2022	2023	2024	2025	2026
15 lane Manual	16	16	10	10	5
BAC	4	4	4	3	0
Mechanical	2	4	3	3	3
Road	4	4	4	0	0
Survey	4	4	4	4	4

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### Current Clearance and Survey Capacity

Currently the following clearance assets are either deployed or in reserve within the South Sudan program

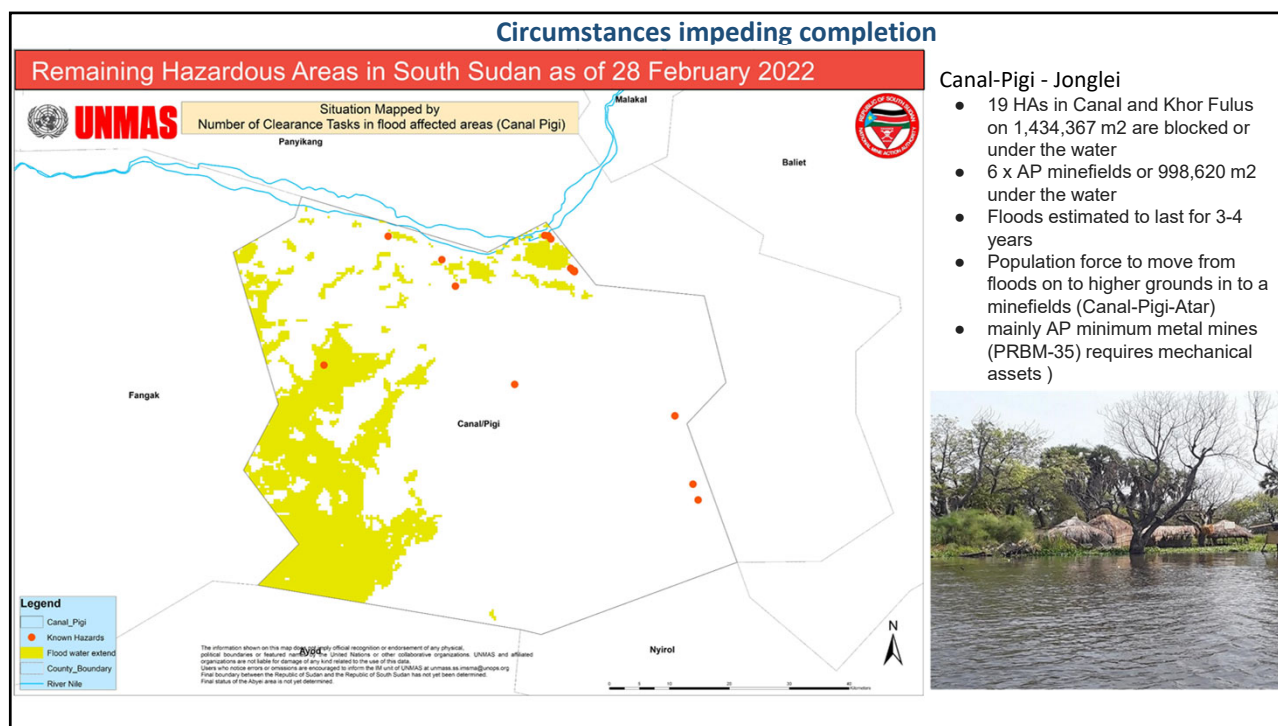
- 25 Multi-task teams
  - o 14 Large Multi-Task Teams (15 deminers) UNMAS,
  - o 2 Large Multi-Task Teams with Road Clearance Capability (GPR) UNMAS,
  - o 9 Medium Multi-Task Teams (8 - 12 deminers: MAG [6], DRC [2], DCA [1]) bilaterally funded,
- 1 Small Survey/EOD Response teams
  - o 1 Small Response team (DRC [1]) bilaterally funded,
- 2 Road clearance/verification teams (Dogs [MDD & MDD+] & GPR) UNMAS,
- 2 Mechanically Integrated Clearance Teams (MW330 + MW240) UNMAS,
- 4 Light Flails (used to support BAC teams MAG [3], DCA [1]) bilaterally funded

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Clearance capacity	Cost /team (\$million)	2021	2022	2023	2024	2025	2026	Budget (\$mill)	Output in 5 years (m2)
		# Teams	# Teams	# Teams	# Teams	# Teams	# Teams		
Manual teams cost per year	1	18	16	16	10	10	5	75	4,104,000
Mech teams / Year	1.2	2	3	3	3	3	3	13.2	3,150,000
BAC /Year	0.65	7	4	4	4	3	0	14.3	7,200,000
Survey	0.4	4	4	4	4	4	4	9.6	0
Road	1.4	2	4	4				14	3,840,000
NMAA	0.25	2	2	2	1.5	1	1	2.375	0
QA	1	3	3	3	3	2	1	15	0
<b>Total /year (million)</b>		<b>37.2</b>	<b>39</b>	<b>35.9</b>	<b>30.9</b>	<b>28.8</b>		<b>143.475</b>	<b>18,294,000</b>

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### Circumstances impeding completion

Hazard ID	Area size	Hazard type	Method	State	County	Payam	Boma	Location	Threat	Hazard stat
DA-LK-2	113	Minefield	Resurvey	Jonglei	Canal_Pigi	Atar	Atar	Atar / Atar	AP Mines	SHA
DA-SS-816	37,817	Minefield	Mechanical	Jonglei	Canal_Pigi	Kadak	Atar	Atar / Panyidwai	AP Mines	CHA
MA-IS-SS-165-SS-1	850,000	Minefield	Resurvey	Jonglei	Canal_Pigi	Wuonlam	Wunadol	Wunadol / Wunlam	AP Mines	SHA
MF-SS-52B	106,293	Minefield	Mechanical	Jonglei	Fangak	Phom	Pacchoul Kon	Pacchoul Kon / Jonglei	AP Mines	CHA
MF-SS-73	0	Minefield	Resurvey	Jonglei	Canal_Pigi	Atar	Atar	Atar / Atar	AP Mines	SHA
TDI-146-18	4,397	Minefield	Resurvey	Jonglei	Canal_Pigi	Kadak	Atar	Atar / Panyidwai	AP Mines	CHA

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### **The way forward from July 2026**

- **Remaining HAs + new HAs**
- **Residual risk**
- **National Survey/EOD/clearance capacity**

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**Thank you**

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