



**Secretariat of National Mine
Action Authority**

**Humanitarian
demining
in the context of
russian aggression**



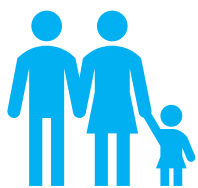


Mines and ERW contamination of Ukraine



Oblast exposed to conflict	%
Avtonomna Respublika Krym	100
Luhanska	100
Khersonska	95
Chernihivska	80
Zaporizka	74
Sumska	70
Donetska	64
Kharkivska	46
Kyivska	37
Mykolaivska	14
Zhytomyrska	14

160 000 sq. km of lands and 14 000 sq. km of water areas were affected by EO and must be surveyed



Almost 5 million people live near hazardous areas



Were indicated 407 accidents with civilian
 210 persons (13 children) died
 434 persons (53 children) injured
 More than 75% accidents with mines



Examples of EOD hazards

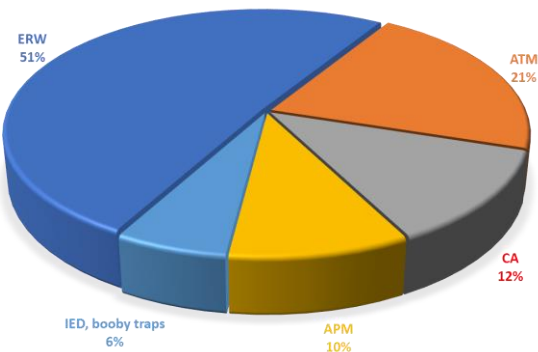
Cluster munitions

Remotely delivered mines

Bombs and missiles

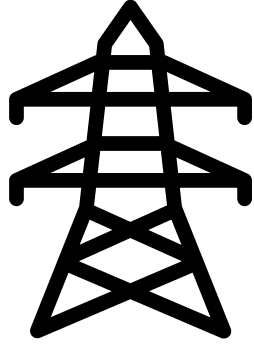
Land mines in plastic casing

Non-retrievable land mines and booby traps

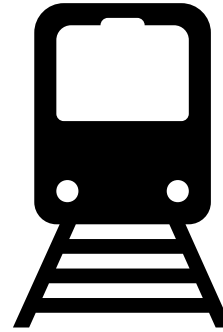




Priority areas for demining activities



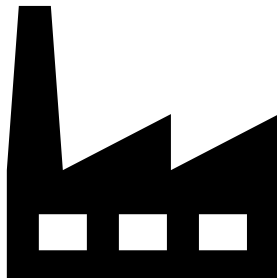
Electricity, water and heating infrastructure



Transport infrastructure



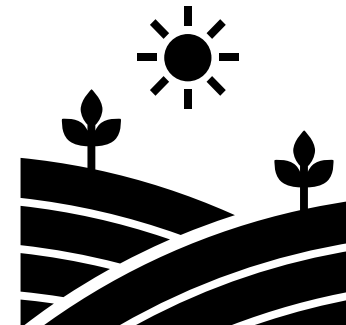
Residential areas



Critical industries



Governmental structures



Agricultural lands





Governmental units activities

Today governmental units that provide EOD tasks include more than 200 teams and 1000 personnel



Since February rapid demining and EOD tasks were conducted



More than 1700 liberated settlements



On the terrain that covered almost 80 000 sq.km



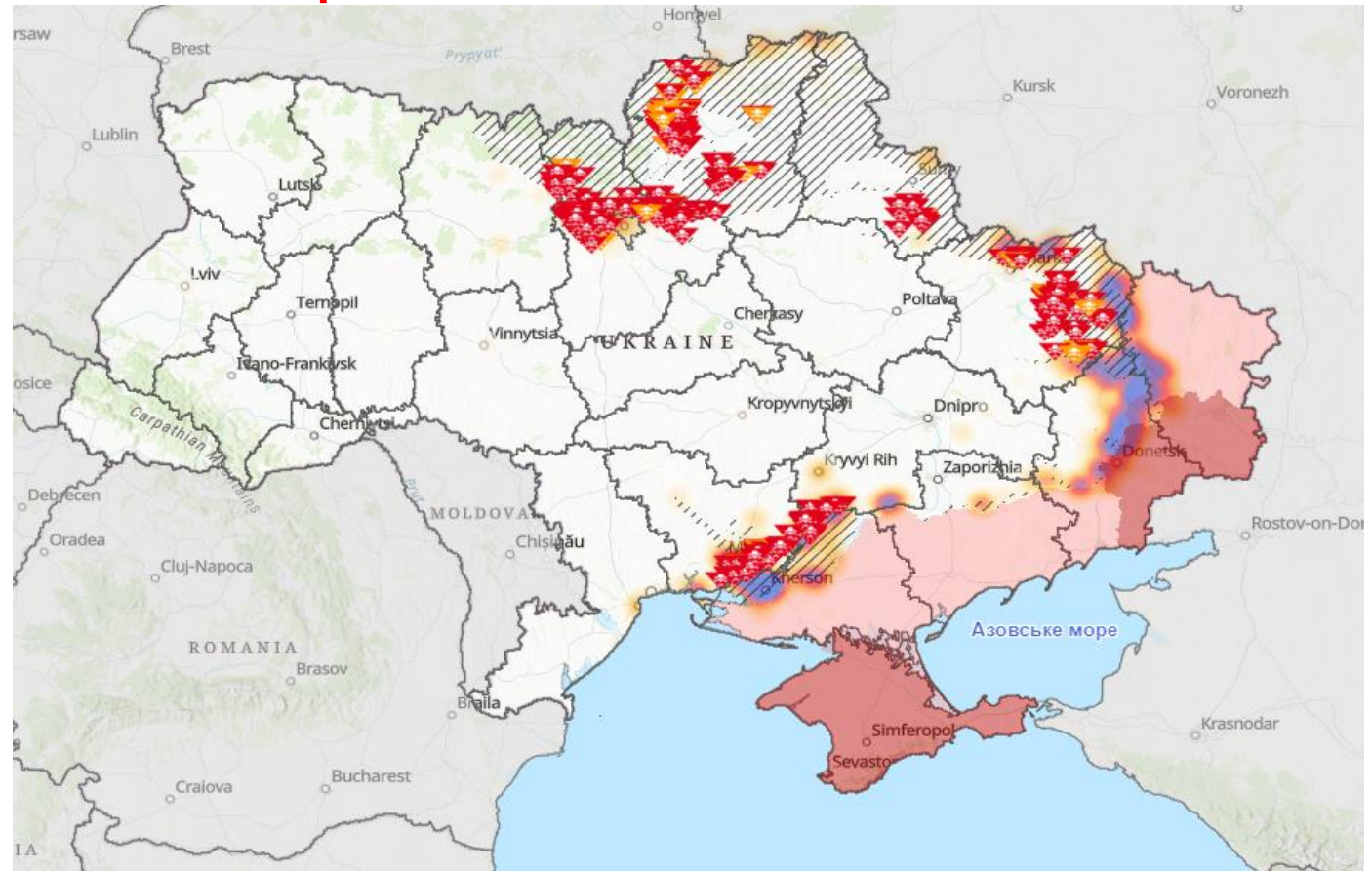
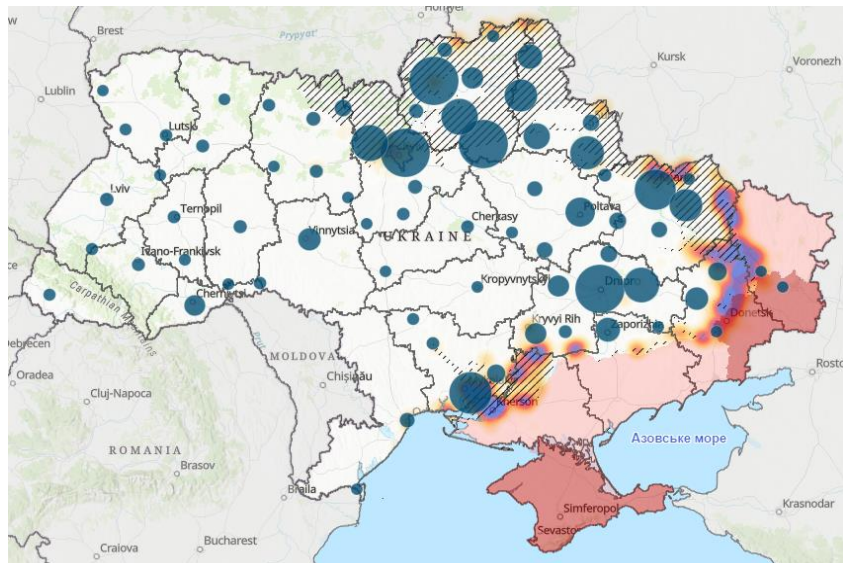
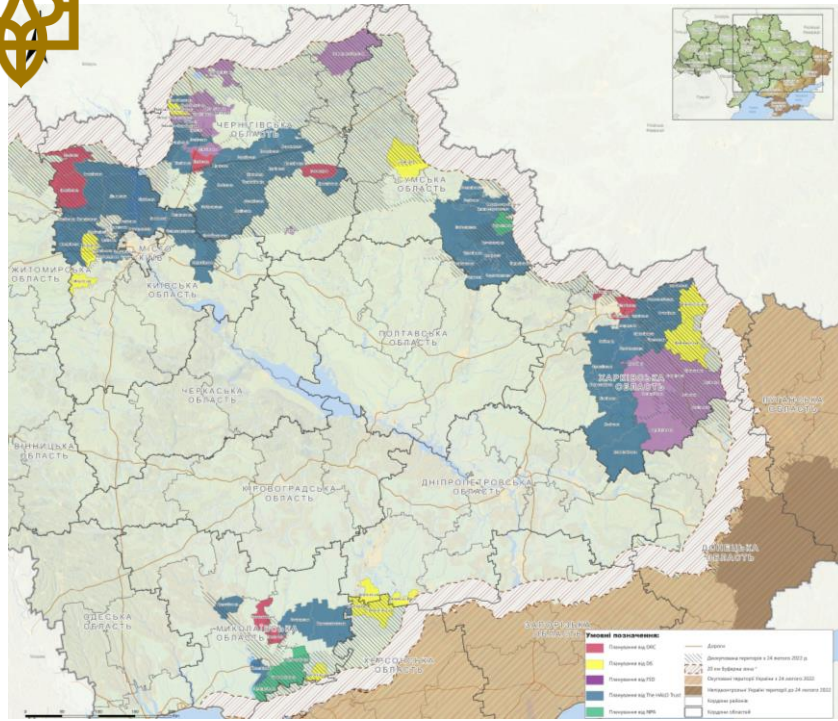
90 000 ha, 6000 km of roads, 4000 km of railway, 5900 electricity lines, 9800 buildings were surveyed,



More 570000 EODs were indicated and destroyed



Mine Action operators activities



More 120 teams of nongovernmental MA operators
More than 700 demining specialists

➤ **Cleared 178 ha**

➤ **Handed over to communities 10 areas of 45 ha**

<https://ua.imsma.org/portal/apps/webappviewer/index.html?id=814d2770d197474d8ad7e8014c0a275e&locale=uk>



DEMINING OF AGRICULTURAL LANDS III stage

AREAS REQUIRING SURVEY AND DEMINING **470 000 ha**

Armed Forces of Ukraine

The State Emergency Service of Ukraine

State special transport service

Mine Action operators

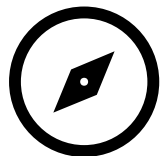


More than 1000 personnel



8 demining machines

REGIONAL MILITARY ADMINISTRATIONS ARE IN CHARGE OF COORDINATION OF PLAN ACTIVITIES IMPLEMENTATION

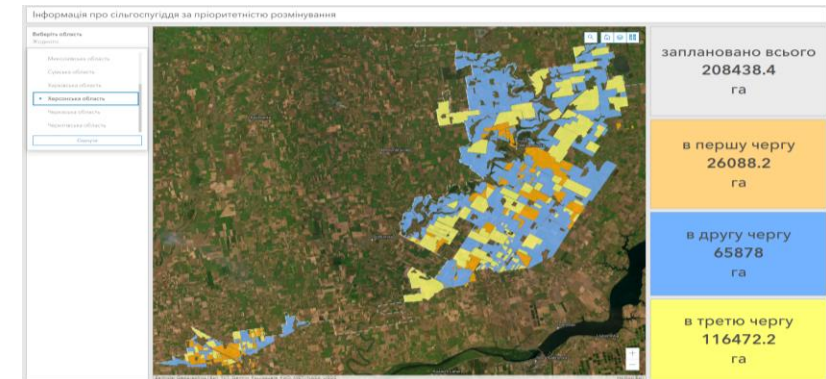
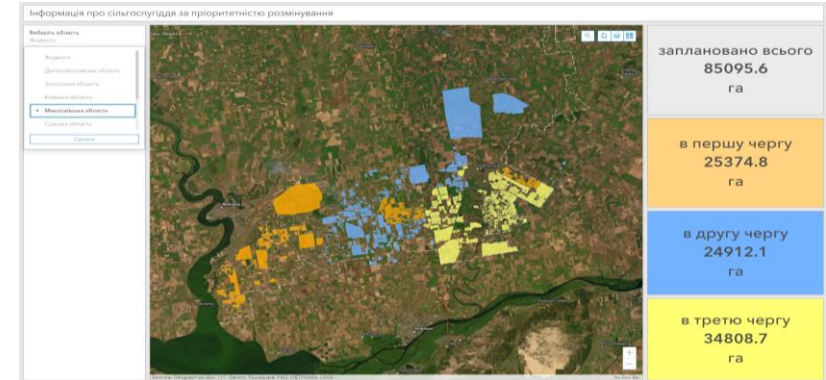


Surveyed **30 000 ha**



4000 ha need humanitarian demining

91 ha cleaned





Example of impact of the security situation on mine action (accident on Kahovka dump)



600 sq. km were flood (408 sq. km - TOT)

20 demining teams of Security and Defense Forces provide EOD tasks on area of 92 sq. km



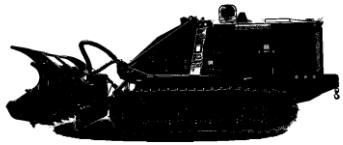
NEEDS IN EQUIPMENT FOR UNITS INVOLVED IN HUMANITARIAN DEMINING



Vehicles for personnel



Vehicles for EOD transportation



Machines and robot systems



Metal detectors, EOD and demining kits



Armed Forces – 3 HD Bat. (200 teams, 1000 per.)



State special transport service – 1 HD center, 5 HD bat. (800 teams, 4000 per.)



SESU – 300 teams (1500 per.)



Protective suits, demining protection kits



5000 personnel should be trained for EOD and demining activities

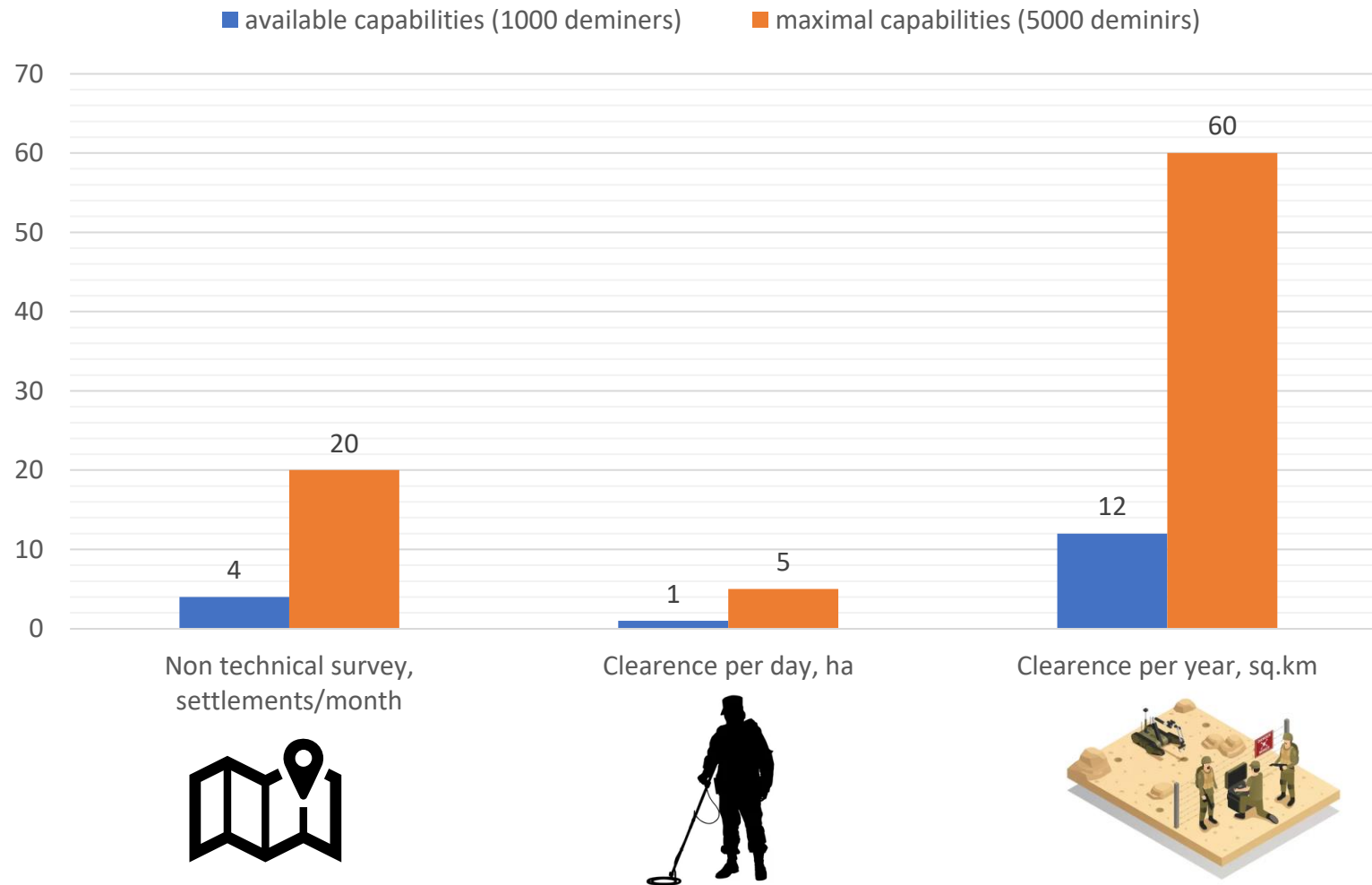




Increasing potential in the field of mine action

To increase potential in sphere of humanitarian demining in Ukraine Ministry of Defense started the process of forming humanitarian demining units. The total need in deminers for humanitarian demining of liberated areas is **5000 specialists**

operational capabilities



Thank you for your attention!

