

**Secretariat of National Mine  
Action Authority**

# **Humanitarian demining: challenges for Ukraine**





On February 24, 2022, the Russian Federation launched a full-scale invasion of Ukraine with the use of all types of weapons



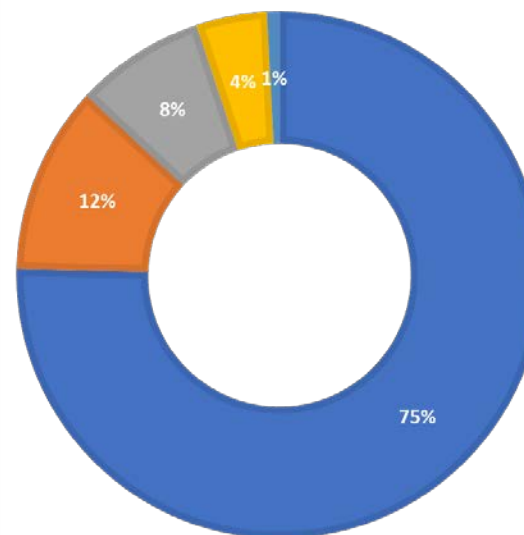
156 000 sq. km of potentially contaminated lands and 14 000 sq. km of water areas must be surveyed



More than 6 million people live near hazardous areas

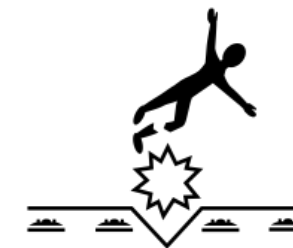
## NUMBER OF ACCIDENTS RESULTED BY

landmines UXO AXO unknown other



More 50% incidents in Kharkiv, Kherson and Mykolaiv regions

75% incidents with mines  
25% incidents with ERW



653 accidents with civilians



663 injured



295 died



# *Ways to support Demining in Ukraine*



**Expense of budget allocations for governmental units**



**Material and technical assistance under projects whose beneficiaries are central executive authorities**



**NATO CAP**



**Assistance under intergovernmental agreements**



**Donor assistance directly to mine action operators**



**Instrument for Pre-accession Assistance - EU IPA**





# Activities for governmental demining units and mine action operators



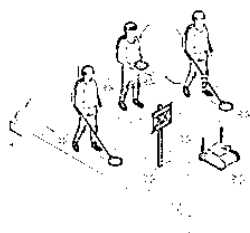
1<sup>st</sup> phase of humanitarian demining - EOD spot tasks, fast clearance of objects and the most priority lands with high-level EO risk

*Only governmental units*



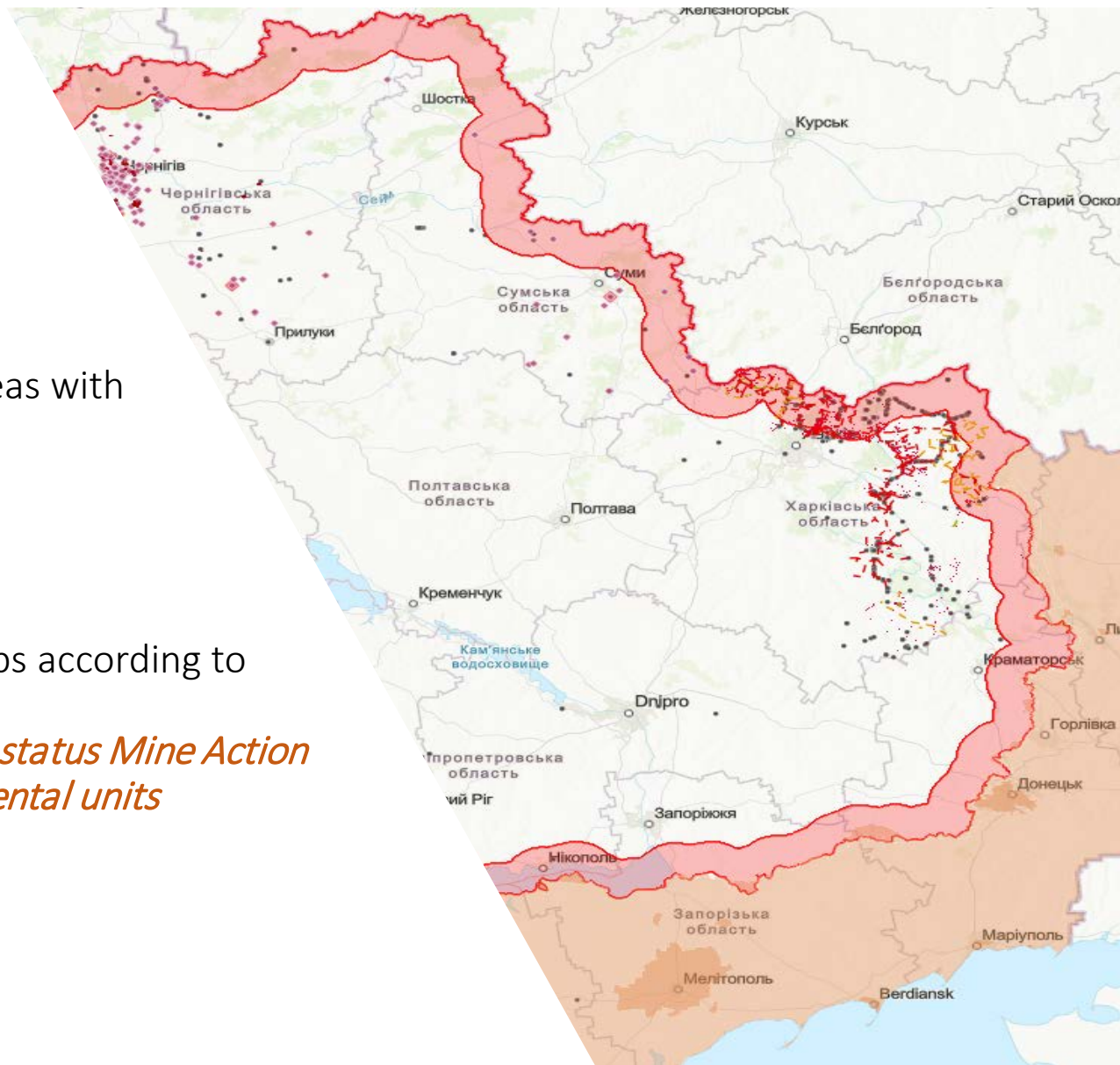
Survey and indication of minefields (areas with land mines) in 20 km zone

*Only governmental units*



Providing humanitarian demining ops according to MA standards

*All organizations that have received the status Mine Action Operators, including governmental units*





# Progress of government units

## Priority areas for demining



Electricity, water and heating infrastructure



Transport infrastructure



Residential areas



Agricultural lands



Critical industries



309,402 ha surveyed and cleared



139,362 ha



6,846 ha



209 ha



3,184 km



9,123 km



8,977 km



729,745 explosive ordnances indicated and destroyed



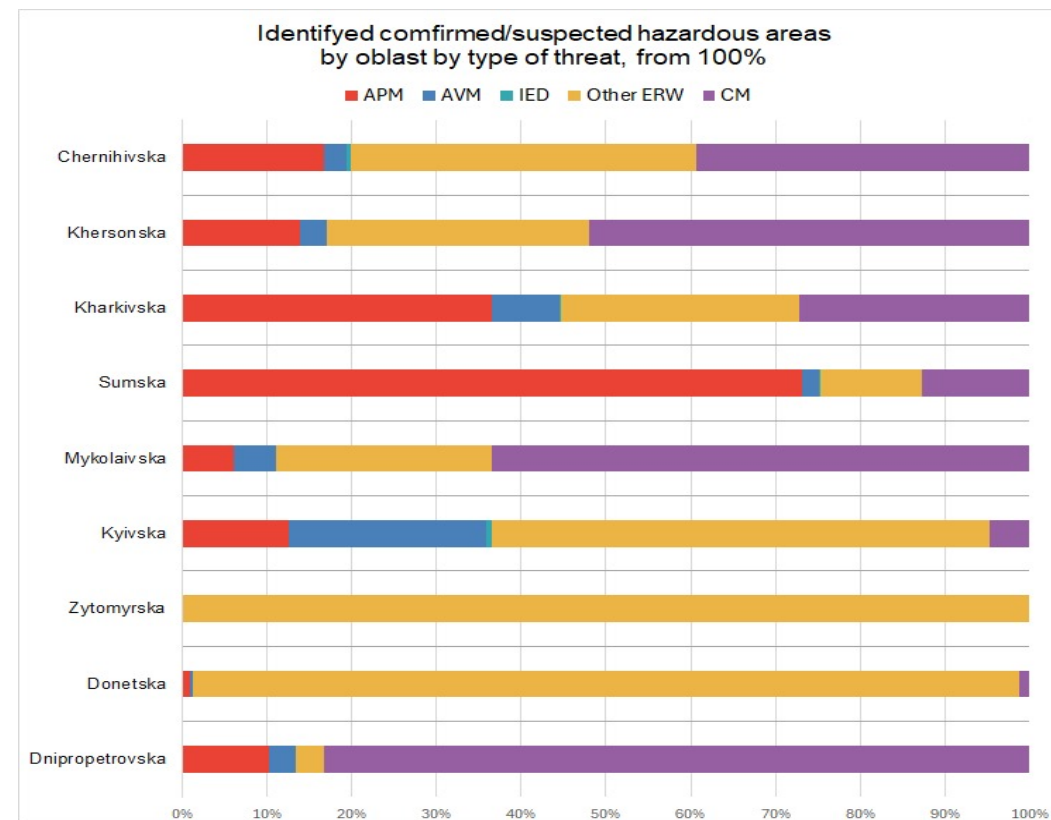
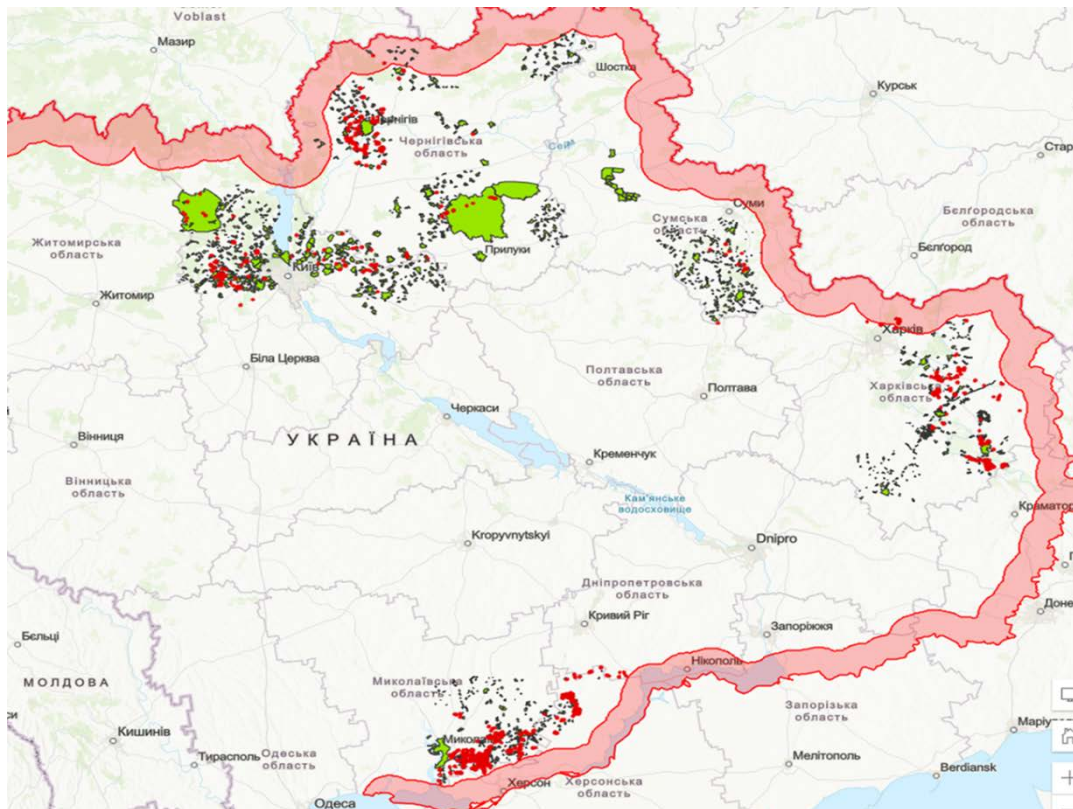
495 teams (2,263 personnel),  
39 machines



- EOD spot tasks
- Critical infrastructure clearance
- Rapid demining - the 1<sup>st</sup> phase before humanitarian demining aims to eliminate existing explosive ordnance risks in humanitarian purposes



# Progress of mine action operators



- NTS was covered 115 hromads with area more 56,000 sq. km
- 18,000 sq. km indicated as out of suspicion
- 2347 CHA/SHA with area 309 sq. km were indicated
- (CHA/SHA that include mine hazards is 68 sq.km)
- Total progress of humanitarian demining - 19.9 sq.km



For humanitarian demining

**34** Mine Action operators are certified

255 demining teams with almost 1624 personnel

116 NTS teams with more 432 personnel





# Potential Pool for Humanitarian Demining Capacities



Military personnel who cannot perform combat missions



Veterans



Population of Ukraine in need of employment



Enterprises to be involved in the production and maintenance of demining equipment

**Support of demining capabilities in Ukraine will allow development the following areas:**

- **Education**
- **Reducing unemployment**
- **Adaptation of discharged servicemen**
- **New industrial potential – demining machines, protective equipment, demining tools, UAV, Unmanned Ground Vehicles (UGV), sensors, software, etc.**



# Potential Pool for Humanitarian Demining Capacities

28 representatives of MOD and 8 representatives of MIA of Ukraine perform demining tasks



Military personnel who cannot perform combat missions



Veterans







# Demining Efforts in Ukraine

## STEPS FOR BETTER EFFICIENCY



**Development and implement MA National Strategy**



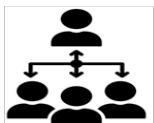
**Improvement of the system of national mine action standards, considering the introduction of the latest methodologies, elimination of identified gaps, considering the experience of mine action subjects**



**Development of national capabilities**



**Certification of new mine action operators (foreign, national and governmental)**



**Development of management structures**



**Involvement of the innovative technologies (including those using artificial intelligence), development of the innovative demining methodologies**



**Cooperation with international and NGOs, implementation of joint projects, programs for support farmers and local authorities**



**Thank you for your attention!**

