RESTORING LIVELIHOODS AND REVITALIZING RURAL COMMUNITIES

THROUGH MINE ACTION

AGRICULTURE & MINE ACTION
PROJECT CYCLE

Transparent selection criteria applied

Cartographic analysis

Farmer and Household plots applications submitted

Agricultural land 'blocked' by explosive ordnance

Target farms & household plots identified

Rural populations better informed on explosive ordnance risk

Land cancelled by non-technical survey

Land released by technical survey & clearance

PRIORITIZATION

Market linkages made

RESTORATION OF LIVELIHOODS & FOOD PRODUCTION

MINE ACTION & TESTING

RESTORATION

Technical assistance delivered

Cash and voucher inputs provided

Health of soil restored or mitigated

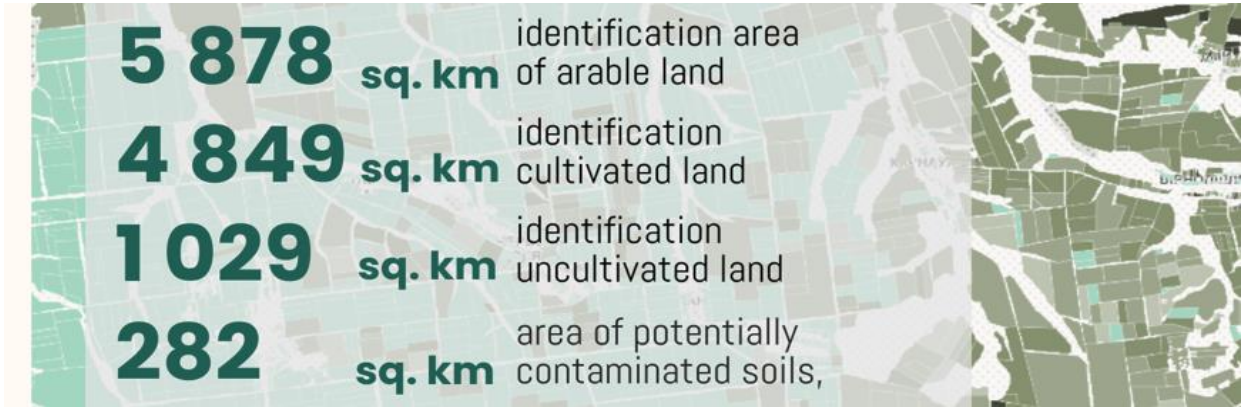
Soil testing

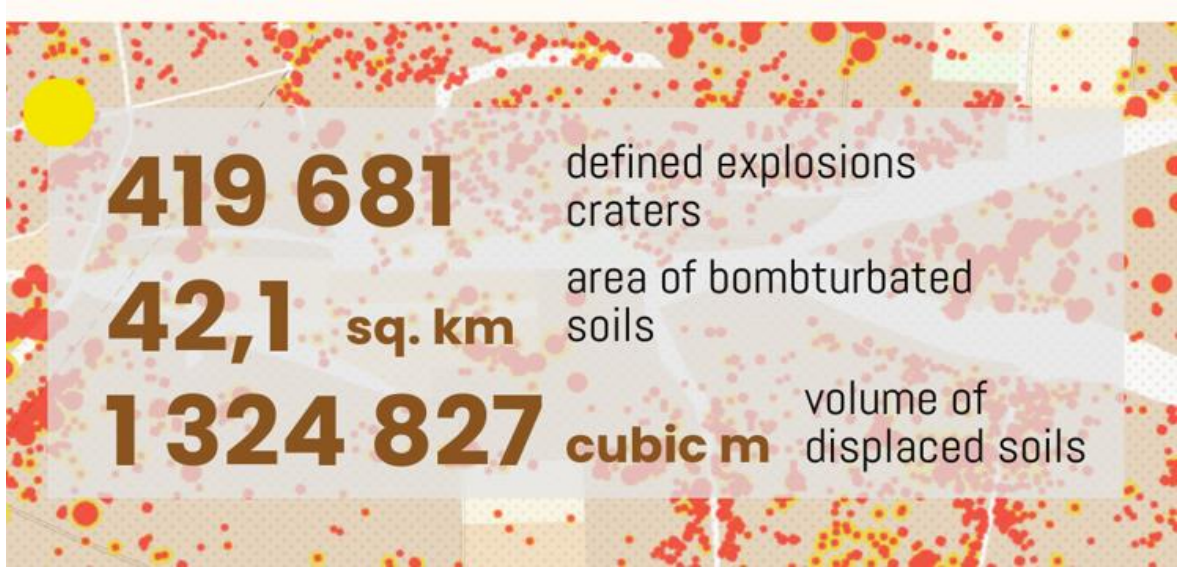
Damage to arable lands related to Russia's invasion of Ukraine

- [ ] Soil compaction
- [x] Geomorphological hazards
- [x] Administrative boundaries
- [ ] Drainage basins
- [x] Soil typology
- [ ] Farmers
- [x] Cultivated land (as of autumn 2021)
  - [ ] Cultivated land as of autumn 2021
  - [ ] Degree of potential contamination
  - [ ] Number of craters
  - [ ] Non-cultivated land that are designjated as agricultural in the Cadastre
- [x] Cultivated / uncultivated land (as of May 2023)
  - [x] Cultivated land as of May 2023
  - [x] Uncultivated land as of May 2023
  - [ ] Cultivated land as of May 2023, however uncultivated prior the war
- [ ] Cadastral plots
- [ ] Area to be analyzed

To date – 48% agricultural land in Kharkiv Oblast analysed

Of this, 80% of land cultivated in October 2021 is now back under cultivation

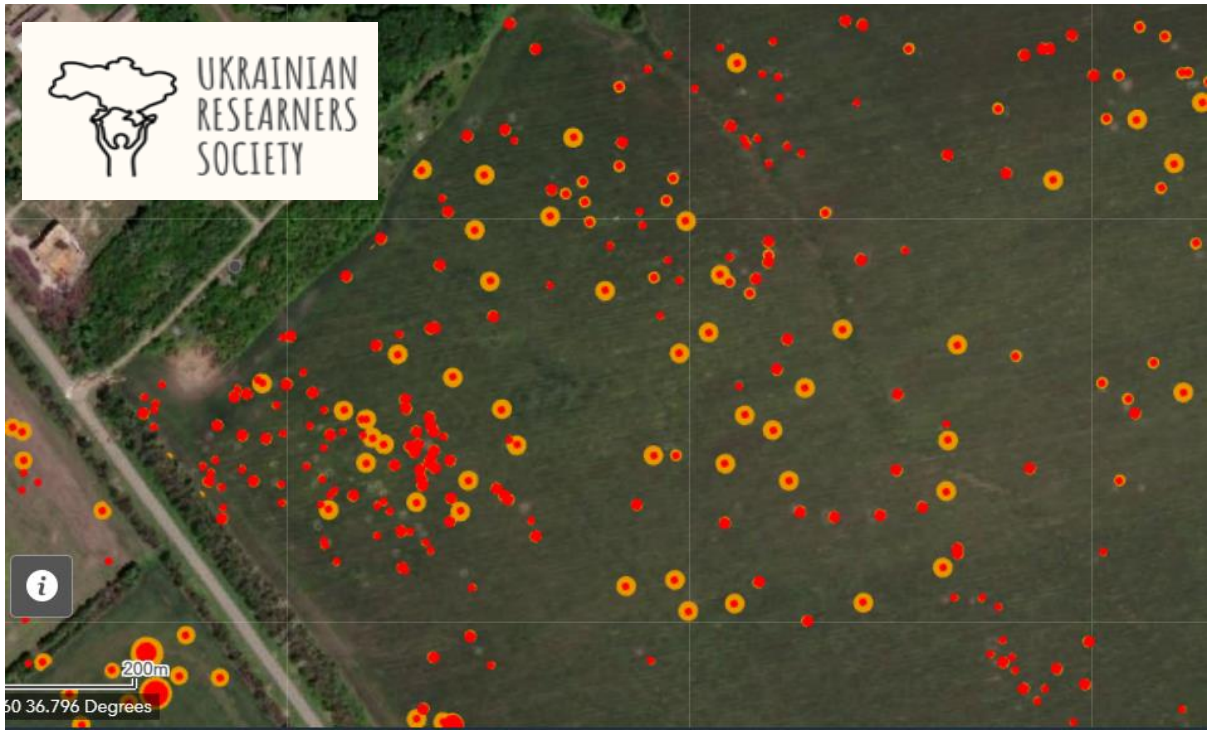




Within the remaining 20% of lands not under cultivation hundreds of farms and household agricultural plots are entirely blocked by explosive contamination or blocked to the point that they can not operate productively

Soil Sampling, Testing & Analysis (FAO)

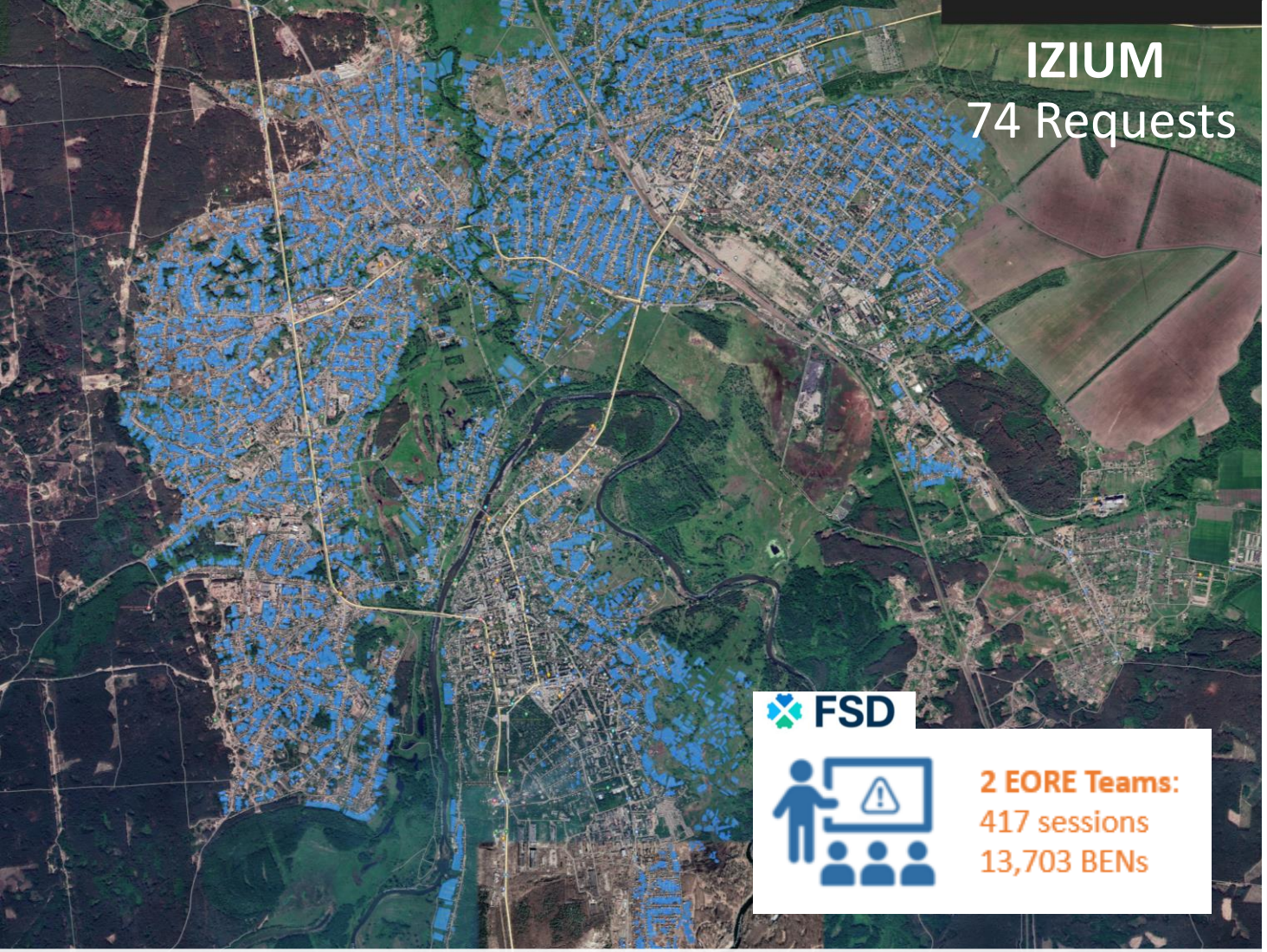
Kharkiv Institute of Soil Science



Provide information in a scientific, balanced and non-alarmist manner

Adapted support mechanism for farmers to resume production

Models to mitigate risks of contamination

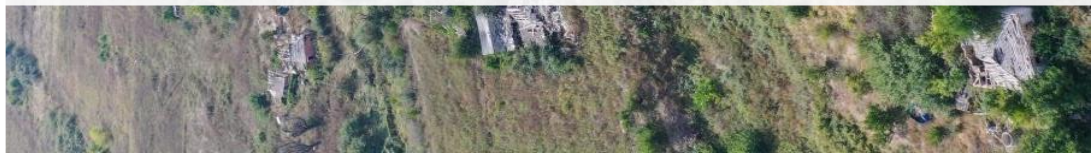


FSD

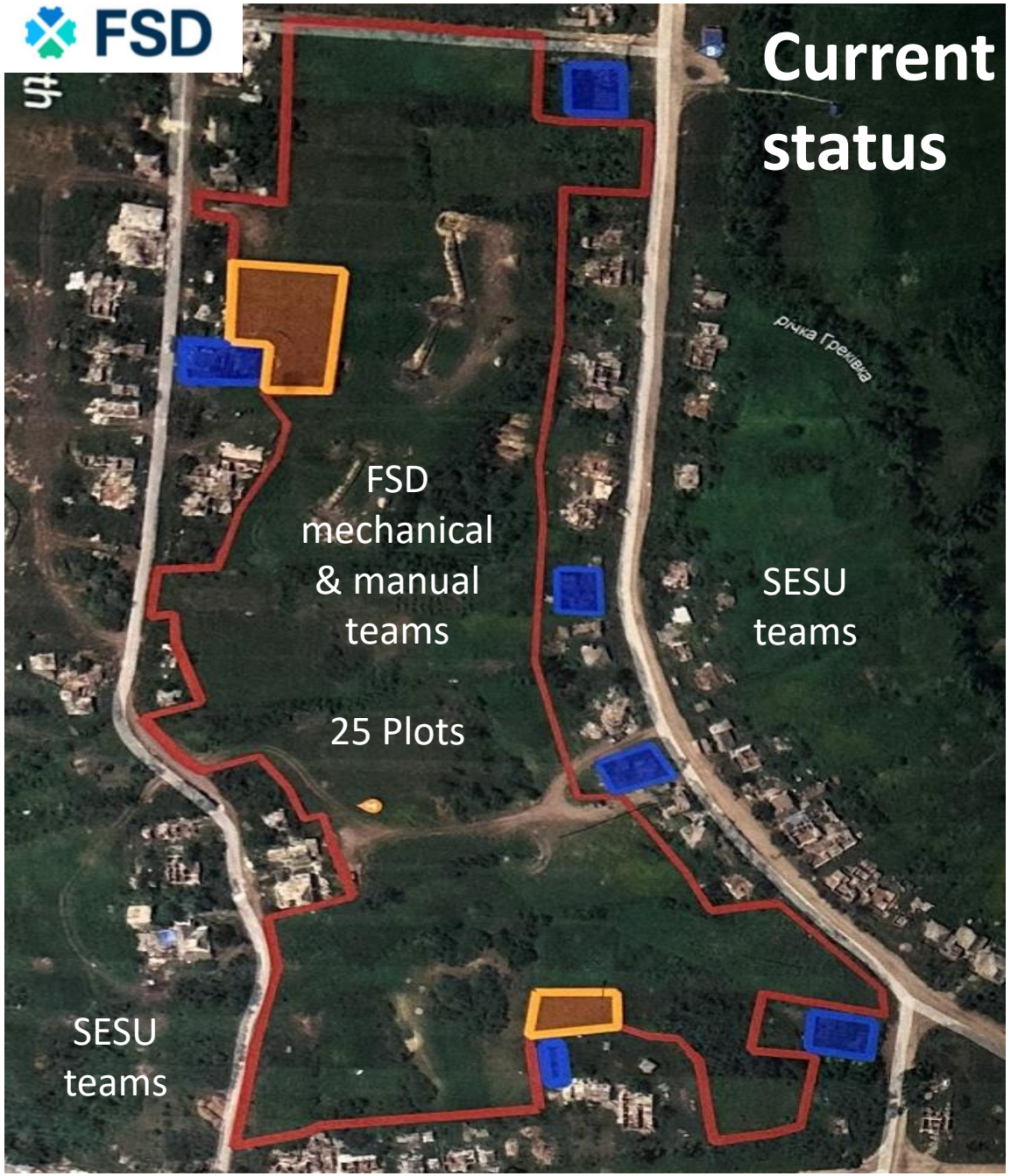
2 EORE Teams:
417 sessions
13,703 BENs

Rural Household Plots

132 908 HH Plots assessed remotely
1638 cash & multi purpose voucher distribution




Google Earth
BEFORE war
річка Грековка
Kamyanka


FSD
Current status
річка Грековка
FSD mechanical & manual teams
25 Plots
SESU teams
SESU teams

Cartography

Applications through SAR

76 farm applications validated

Prioritization

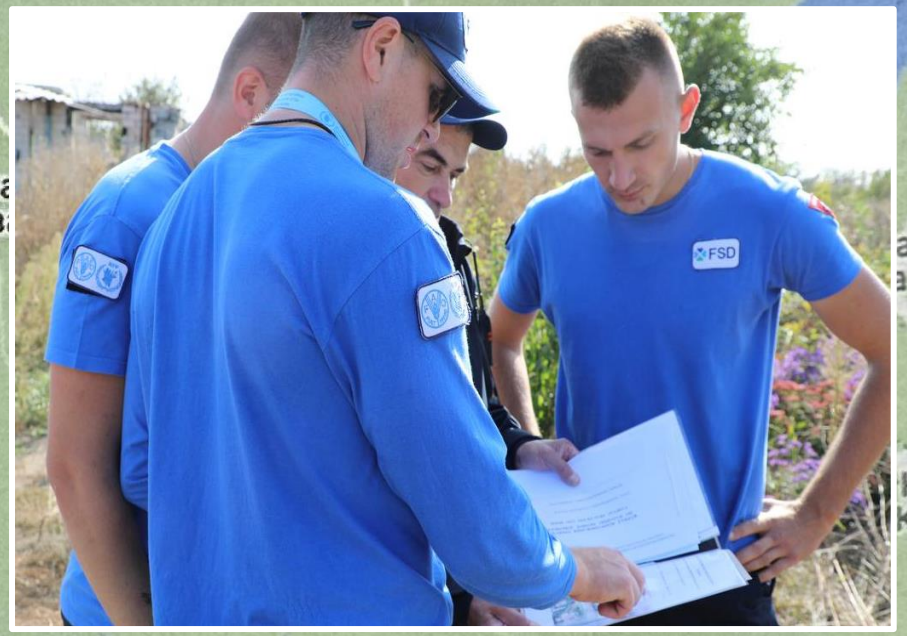
13 prioritized applications

NTS

20% EO Free, 60% SHA, 20% CHA

TS

Clearance



Small farms

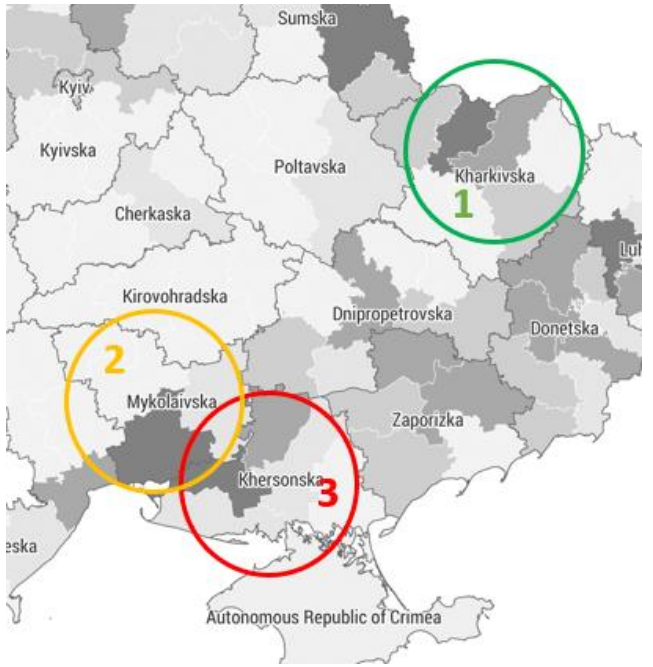
34,490 agricultural fields assessed remotely

76 farms mini grants/voucher prorata (ha)

Developing Landscape of Operational Capacity

LAND CANCELLED & RELEASED

From Small Scale Farms and Household Plots



National MA Capacities

International MA Capacities
(Funded and in-kind)

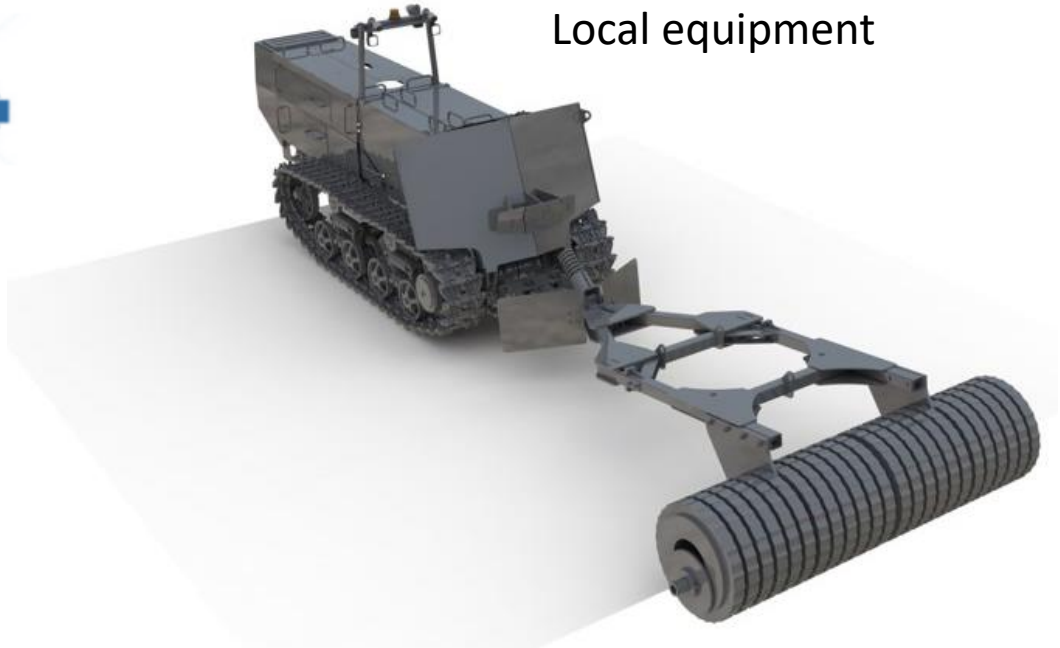
TASKS PRIORITISED BY FAO/WFP

In conjunction with farmers, oblast and national authorities and aligned with government priorities

UNITED NATIONS
UKRAINE

International equipment

Local equipment



Principal Land Release Challenges

The ability to deliver on mine action does not connect with strategic narrative

1. Lack of Operational Capacity , but
2. Methodology to process land

- National Mine Action Standards
- Criteria to cancel and release land

Need to expedite the land release process in low-risk areas using technical survey tools and remote analysis

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