



UXO IMPACT

Coordination and collaboration

MINISTRY OF ECONOMY OF UKRAINE

Mine contamination impact

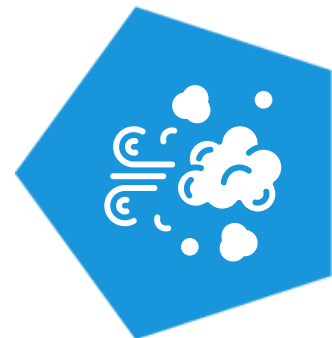


34,25 billion USD

Indirect losses in agriculture due to the Russian invasion, including GNP

156,000 km²

Potentially contaminated territories



Environmental damage only from the air pollution amounts to

16,4 billion USD

Damage to Ukraine's forestry fund is

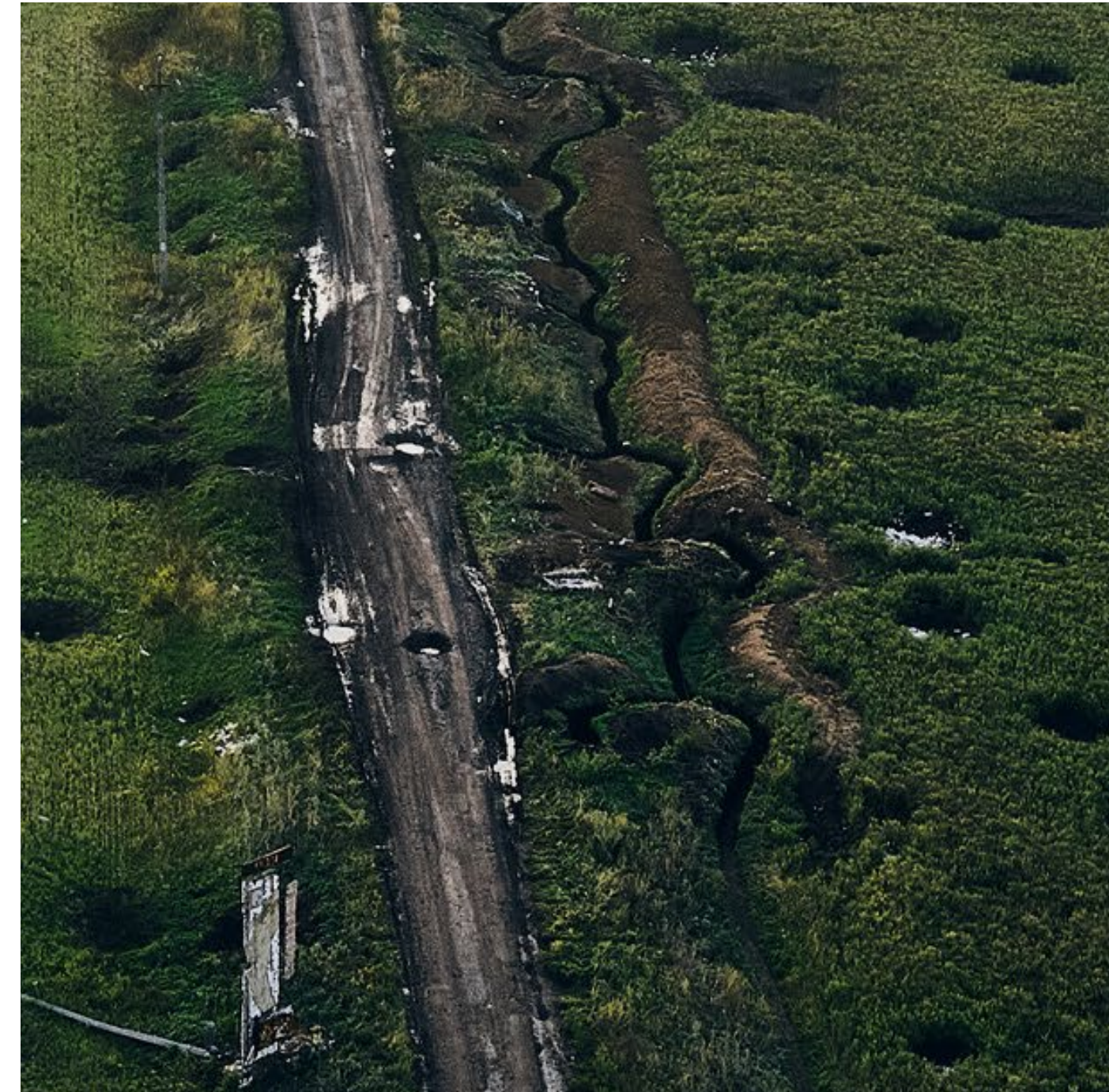
4,5 billion USD



Severity and complexity

Addressing the big challenge

Ukraine faces severe environmental challenges due to repeated Russian attacks, exemplified by the strikes aimed on creation of technogenic catastrophes by the aggressor. Forests, waters and soils are at risk due to mines, pollutants, and other conflict and mine triggered contamination, posing significant ecological challenges.



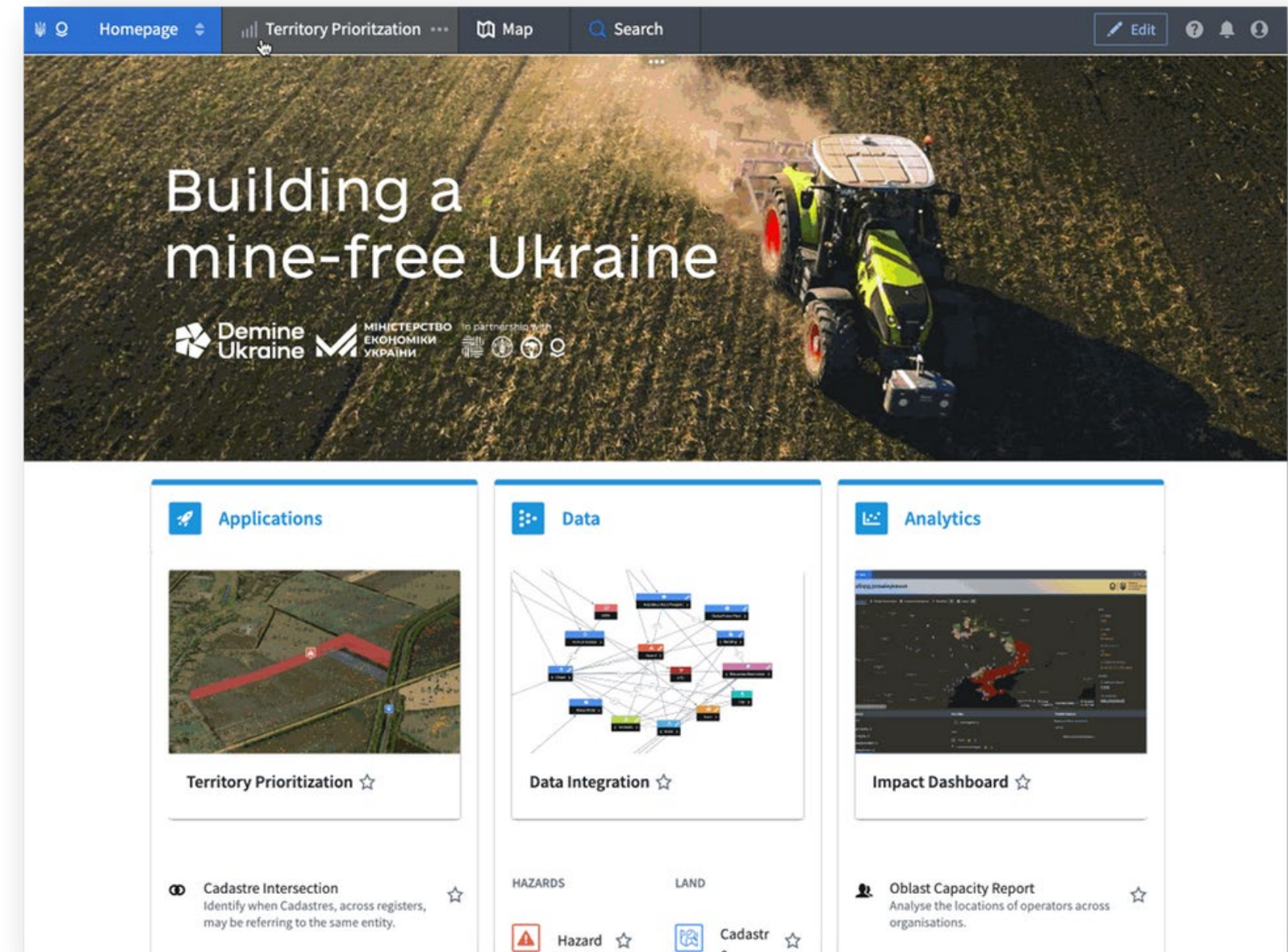
Data driven approaches

Automatic prioritisation model

- Based on the environmental economic and social data;
- Overlaying wide arrays of data, supplying it with environmental criteria to create a live info-model;
- High regard given to agricultural land, impact on soil, waters and forestry recorded;
- Further digitization of MA processes and environmental monitoring.

Analyzing the impact

- Recording data on craters and points of impact on affected territories;
- Analyzing the level of chemical contamination per UXO type.



Coordination and collaboration

Key factors to tackle the challenge efficiently:

- Incorporating environmental component as a cross-cutting provision throughout mine action;
- Coordination of all stakeholders on analysis, monitoring and action planning;
- Utilizing the capacity of key national partners, especially research institution;
- Collaboration with international partners to extend the knowledge base worldwide and tackle local challenges in Ukraine.





Thank you for attention!