



**EUSBSR**  
EU STRATEGY  
FOR THE BALTIC  
SEA REGION

# **EUSBSR TO HELP REBUILD UKRAINE**

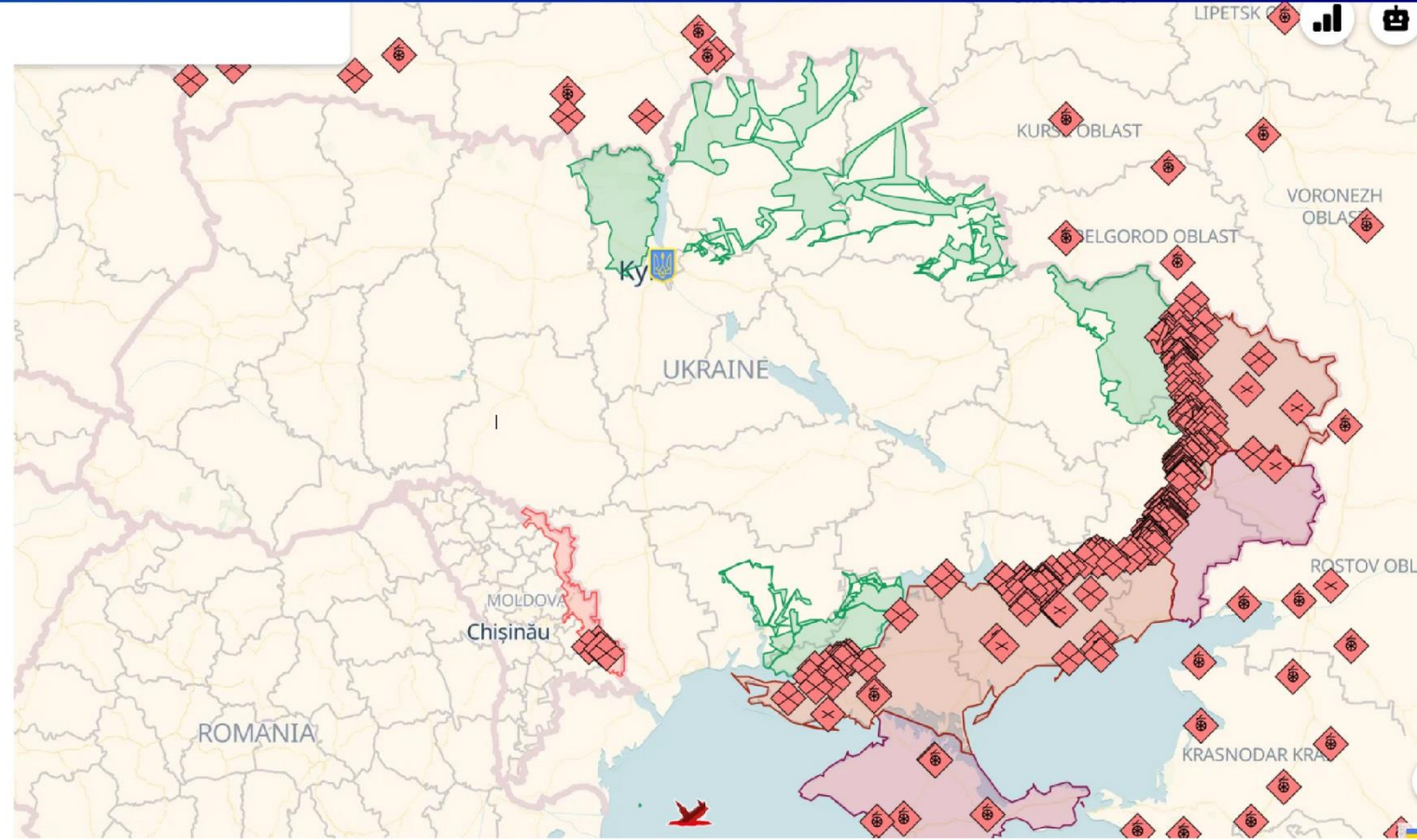
STEERING GROUP  
BIOECONOMY MEETING

**20.02.2024**

**DR. OLGA TROFIMTSEVA**

# CURRENT SITUATION IN UKRAINE

- **FULL-SCALE WAR WITH ON GROUND FIGHTS IN EAST AND SOUTH, AND ROCKET ATTACKS IN ALMOST ALL REGIONS**
- **FARMERS DECREASED THE SOWN AREAS BY 20% IN 2022, AND BY AT LEAST 10% IN 2023**
- **CRITICAL INFRASTRUCTURE (ENERGY, TRANSPORT ETC.) IS STILL UNDER THE ATTACKS**
- **ALMOST 4 MLN. PEOPLE ARE INTERNALLY DISPLACED PLUS OVER 6.5 MLN. ARE REFUGEES**



# DAMAGE AND LOSSES: LATEST ESTIMATIONS BY WORLD BANK (DEC 2023)



- **RAPID DAMAGE AND NEEDS ASSESSMENT:**

- DIRECT DAMAGE - **US\$152 BILLION**
- RECOVERY AND RECONSTRUCTION NEEDS - **US\$486 BILLION**

- **MOSTLY IMPACTED SECTORS:**

- HOUSING
- TRANSPORT
- INFRASTRUCTURE
- AGRICULTURE
- ENERGY

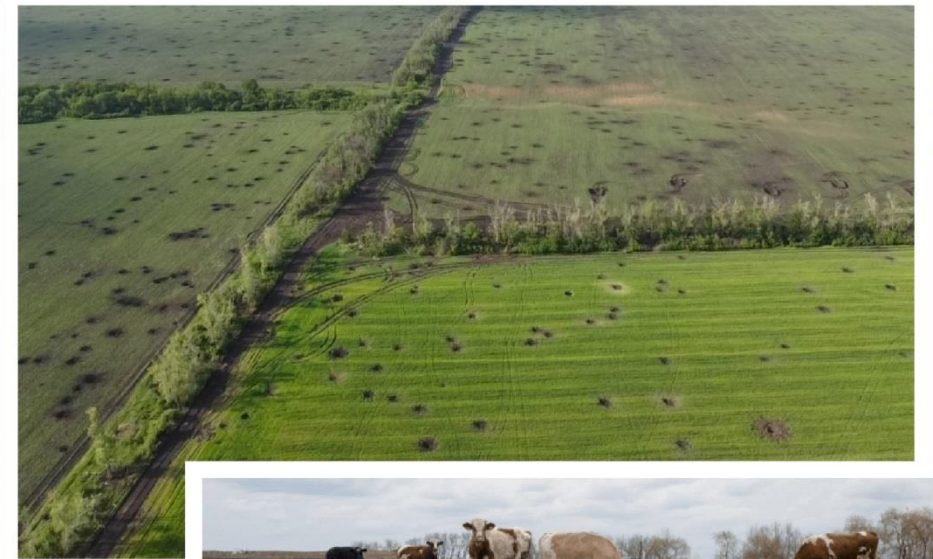
# DAMAGE AND LOSSES IN AGRICULTURE: US\$80.1 BILLION

- **DIRECT DAMAGE – US\$10.3 BILLION:**

- MACHINERY AND EQUIPMENT DAMAGE – 57%
- STOLEN INPUTS AND OUTPUTS – 18%
- DAMAGED STORAGE FACILITIES – 18%

- **MOSTLY AFFECTED REGIONS:**

- LUHANSKA
- ZAPORIZKA
- KHERSONSKA OBLAST



# DAMAGE AND LOSSES IN AGRICULTURE: ENVIRONMENTAL IMPACT

- **DAMAGE TO UKRAINE'S IRRIGATION AND WATER RESOURCE - US\$ 740.2 MILLION:**

- ON-FARM INFRASTRUCTURE DAMAGE - 48.5%
- KAKHOVKA DAM - 48%

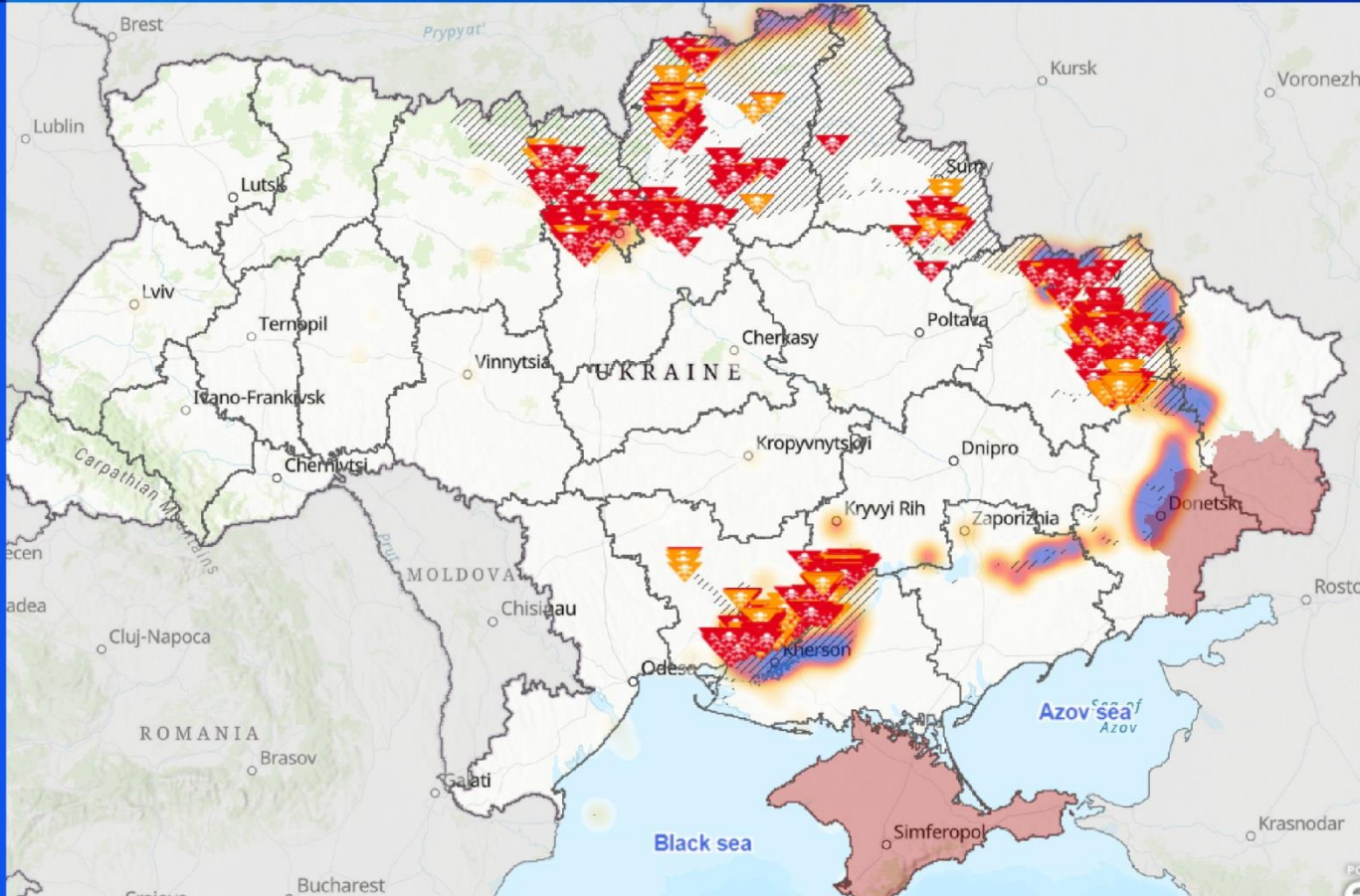
- **LOSSES IN THE I&D SECTOR - US\$716.8 MILLION**

## CONSEQUENCES:

- PROBLEMS WITH WATER AVAILABILITY
- HIGHER ENVIRONMENTAL AND PUBLIC HEALTH RISKS
- RURAL ECONOMIES DEPRESSION



# DAMAGE AND LOSSES IN AGRICULTURE: SOILS



- ESTIMATED RECOVERY NEEDS FOR THE DEMINING AND SOIL HEALTH RESTORATION

**US\$ 15 BILLION**

## MANY ISSUES:

- FARMLAND EXPOSED TO LANDMINES RANGE FROM **470,000 HECTARES** TO **2.5 MILLION HECTARES** (ESTIMATIONS!)
- UNEXPLODED SHELLS IN MANY FIELDS
- INCREASED TOXICITY AND REDUCED DIVERSITY OF MICROORGANISMS
- CHANGING WATER TABLE'S DEPTH, DEPRIVING VEGETATION

# ASSISTANCE AND „BUILDING BACK BETTER“

- STRATEGIC PRIORITISATION
- SHORT- VS. LONG-TERM GOALS & PRIORITIES
- SUPPORT OF LOCAL COMMUNITIES
- ATTRACTING THE PRIVATE INVESTMENTS
- INTERSECTORAL APPROACH
- EUROPEAN INTEGRATION AS A DEFINING FRAMEWORK



# EUSBSR ROLE IN "REBUILD BACK BETTER" PROCESS:



- PROVIDE AVAILABLE TECHNOLOGIES AND SCIENTIFIC APPROACHES
- R&D, EDUCATION AND SCIENCE AS A PRIORITY
- SUSTAINABILITY VS. ANTIFRAGILITY
- RENEWABLE ENERGY RESOURCES
- LEGAL REFORMS' SUPPORT AND STIMULATION
- SMES IN RURAL AREAS, INCLUDING THE NON-AGRICULTURAL ACTIVITIES
- INCLUSIVENESS (VETERANS ETC.)
- WOMEN EMPOWERMENT AT ALL LEVELS



# TIME



## THE FIRST AI WAR

Palantir and other tech giants are building the future of battle in Ukraine

By VERA BERGENGRUEN





**THANK YOU FOR YOUR ATTENTION  
AND SUPPORT!**



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