

WATER UNDER THE GUN



Львівська
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рада



ЛМКП
Львівводоканал

GENERAL CONDITION OF THE WATER SUPPLY AND SANITATION SYSTEM OF UKRAINE

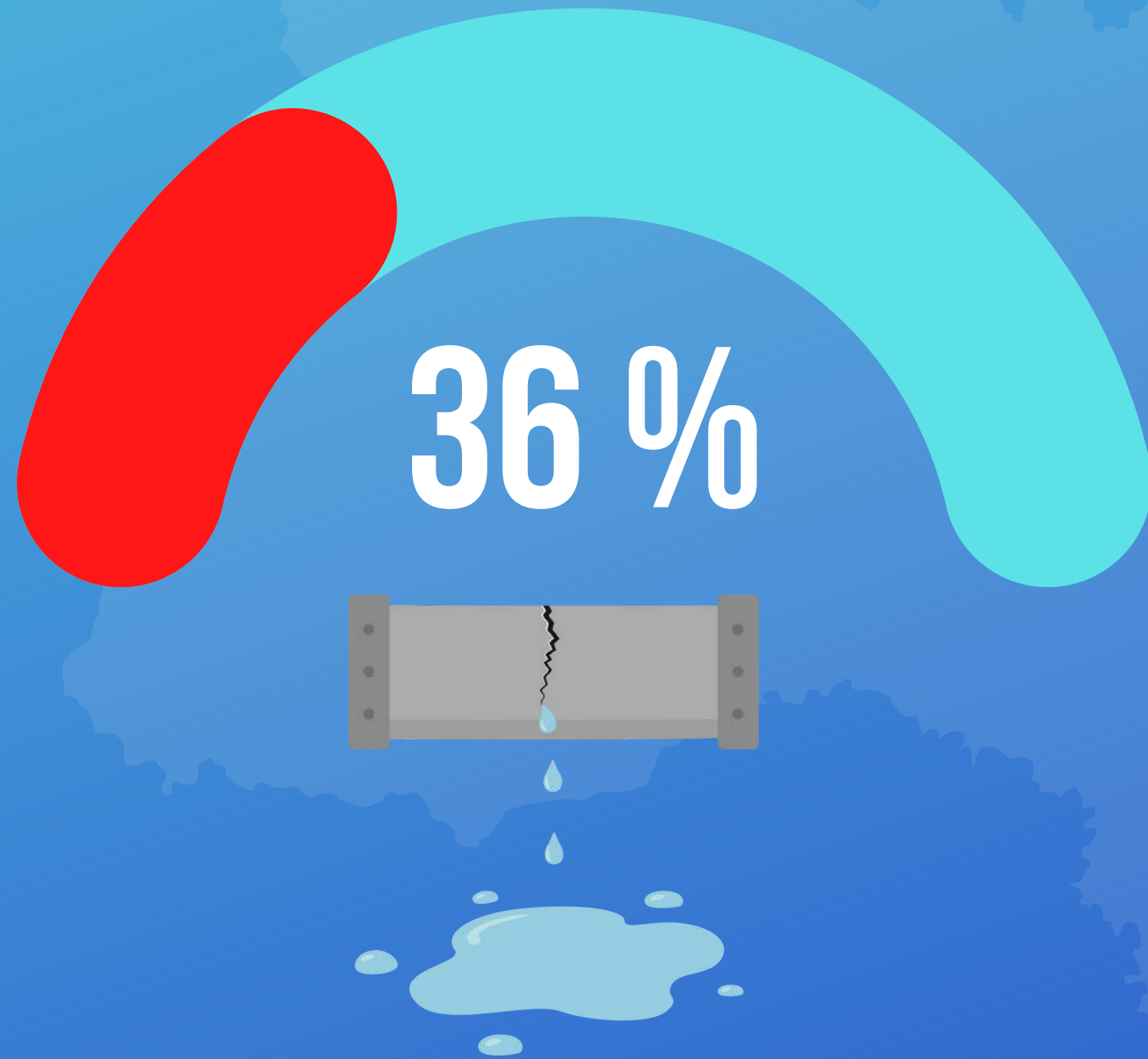
THE POPULATION OF UKRAINE IS **43** MILLION

80% OF DRINKING WATER SUPPLY IN
UKRAINE COMES FROM SURFACE SOURCES

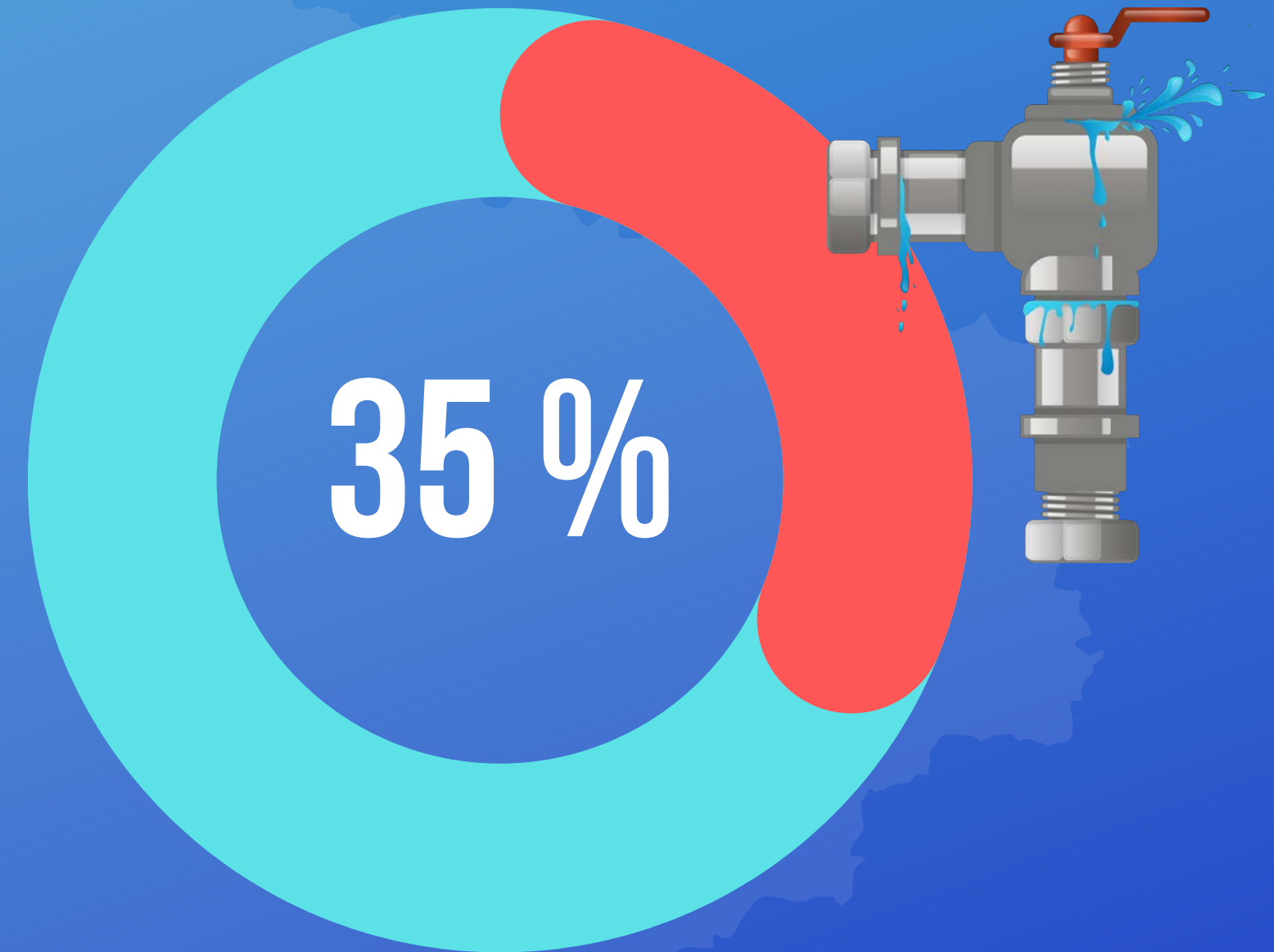
99% OF THE URBAN POPULATION HAVE ACCESS TO
CENTRALIZED WATER SUPPLY SYSTEMS



GENERAL CONDITION OF THE WATER SUPPLY AND SANITATION SYSTEM OF UKRAINE

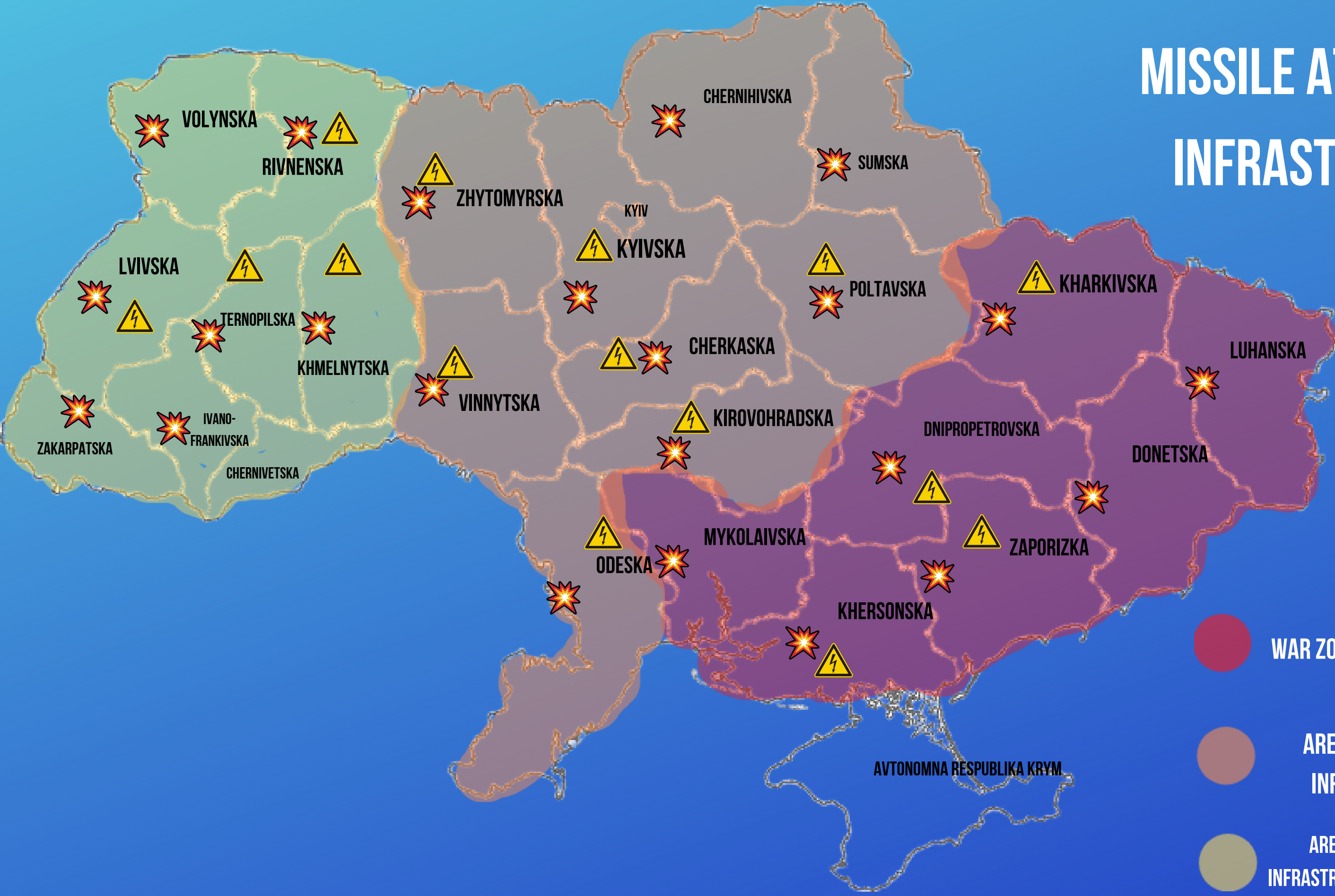





NETWORK LOSSES AMOUNT TO 36%



**35% OF THE INFRASTRUCTURE IS IN A STATE
OF EMERGENCY**

MISSILE ATTACKS AND DAMAGED INFRASTRUCTURE OF UKRAINE



-  WAR ZONE, WHERE THERE IS NO CENTRALIZED WATER SUPPLY
-  AREAS AFFECTED BY THE HOSTILITIES, WHERE THE INFRASTRUCTURE IS CURRENTLY BEING REBUILT
-  AREAS THAT ARE SUBJECT TO ROCKET ATTACKS ON CRITICAL INFRASTRUCTURE AND HAVE BECOME A PLACE OF REFUGE FOR MILLIONS OF REFUGEES

CHALLENGES OF WAR FOR THE WATER

SECTOR OF UKRAINE

DELIBERATE DESTRUCTION OF THE MAIN ELEMENTS OF OUR WATER INFRASTRUCTURE



MAIN WATER PIPELINES



PUMPING STATION



POWER ELECTRICAL SUBSTATIONS

CHALLENGES OF WAR FOR THE WATER SECTOR OF UKRAINE

**DUE TO SIGNIFICANT MIGRATION,
UKRAINE'S WATER UTILITIES:**

- **LOST ABILITY TO BE FINANCED BY CONSUMERS**
- **LOST MOST PRODUCTIVE HUMAN RESOURCES**



CHALLENGES OF WAR FOR THE WATER

SECTOR OF UKRAINE

- RELIANCE ON SOVIET TECHNOLOGY AND EQUIPMENT



CHALLENGES OF WAR FOR THE WATER

SECTOR OF UKRAINE

DESTRUCTION OF TREATMENT FACILITIES, RESPECTIVELY,
THE INABILITY TO:

- TREAT DRINKING WATER (LIMITED ACCESS TO REAGENTS)
- TREAT WASTEWATER THAT ENTERS THE RIVERS, WHICH ARE THE SOURCE OF DRINKING WATER



CHALLENGES OF WAR FOR THE WATER

SECTOR OF UKRAINE

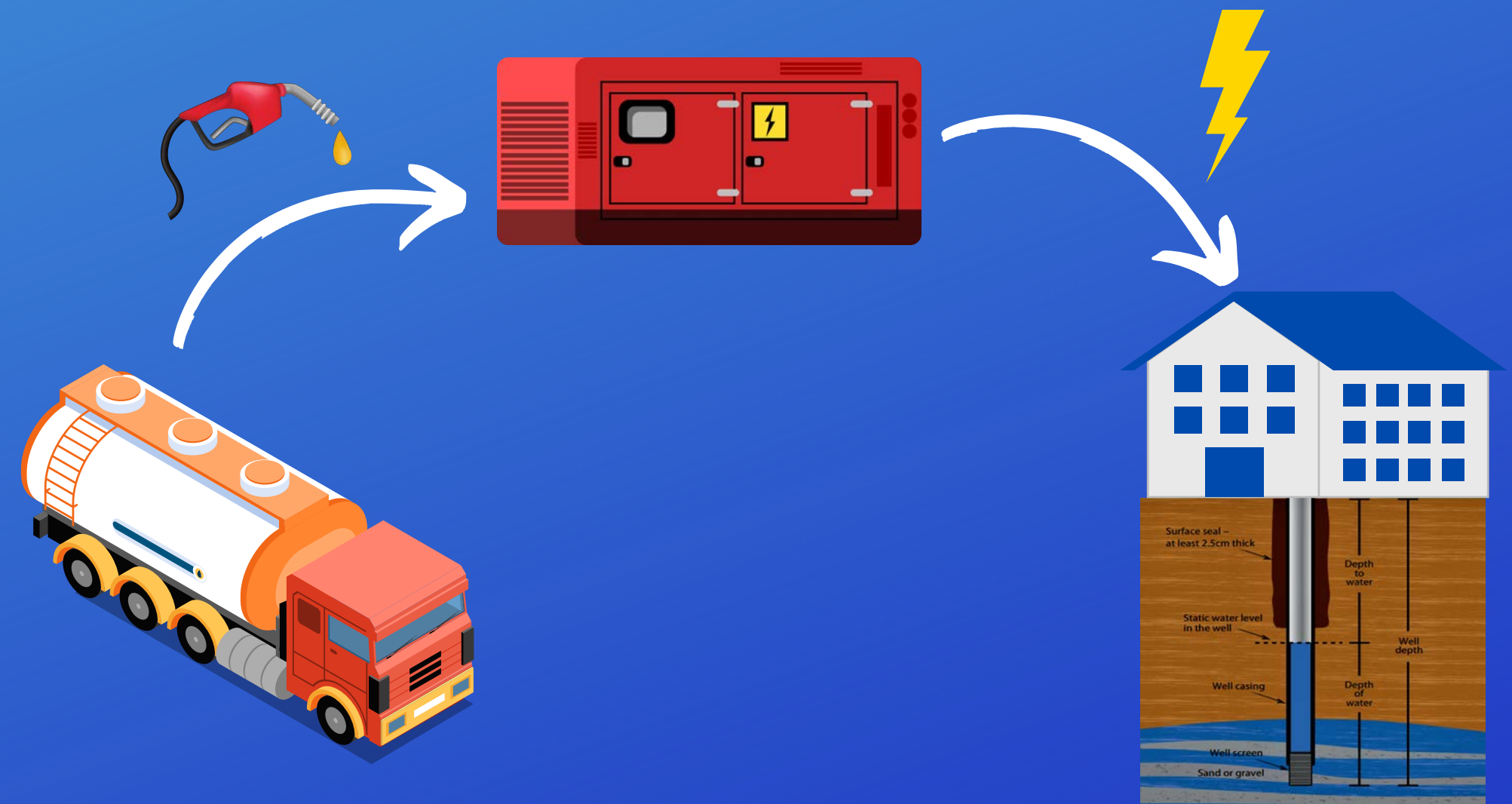
- ENVIRONMENTAL DAMAGE



RESPONSES TO THE CHALLENGES OF WAR



CONSTRUCTION OF A BACKUP POWER SUPPLY SYSTEM IS A SET OF MEASURES



- GENERATORS
- RECONSTRUCTION OF THE ELECTRICAL PART OF PUMPING STATION
- FORMATION OF STOCKS AND DAILY DISTRIBUTION OF FUEL TO GENERATORS.

RESPONSES TO THE CHALLENGES OF WAR

FOCUS ON THE USE OF WESTERN TECHNOLOGIES AND EQUIPMENT TO COMPENSATE FOR THE IMPOSSIBILITY OF OBTAINING COMPONENTS FROM RUSSIA



RESPONSES TO THE CHALLENGES OF WAR



- **BUILDING A SYSTEM OF INTERACTION WITH DONORS BASED ON TRUST**
- **WAR AS A CHANCE TO REBUILD AND MODERNIZE THE MODEL OF THE WATER INDUSTRY**
- **OUR TASK IS TO MAKE UKRAINE PART OF THE INTERNATIONAL WATER PARTNERSHIP. AND ON THIS WAY, WE HOPE FOR THE LEADERSHIP OF THE UNITED STATES, JUST AS THE UNITED STATES IS THE LEADER OF MILITARY ASSISTANCE TO OUR COUNTRY.**