



MINISTRY
OF INFRASTRUCTURE OF UKRAINE



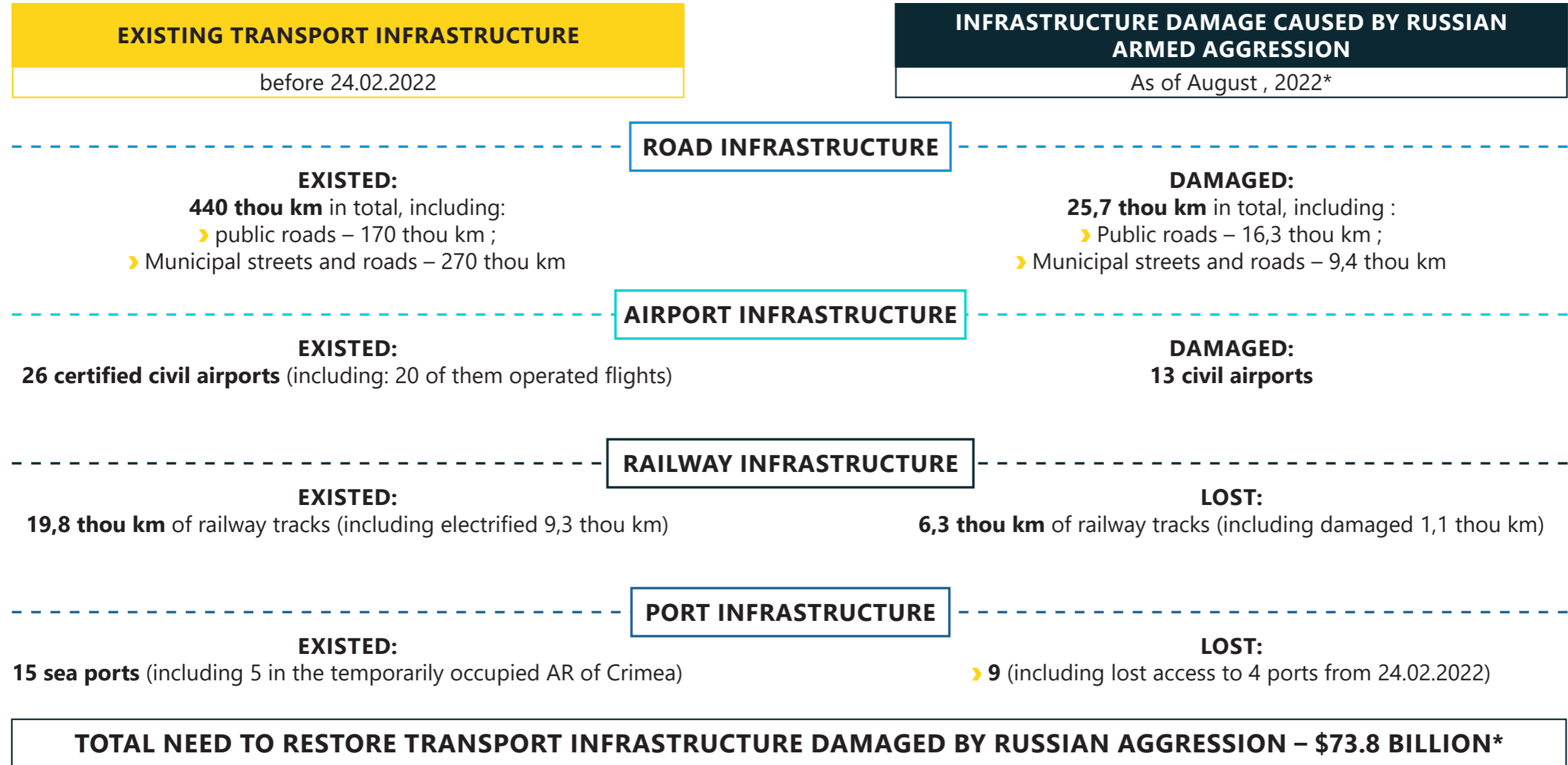
INFRASTRUCTURE IN UKRAINE: RECONSTRUCTION PLANNING





DAMAGES AND RECOVERY

TRANSPORT INFRASTRUCTURE: DAMAGES



*According to the World Bank study «UKRAINE RAPID ASSESSMENT OF DAMAGE CAUSED AND NEEDS FOR RECOVERY»

TRANSPORT INFRASTRUCTURE: DESTRUCTION



➤ Since the Russian aggression started, Ukraine has been restoring destroyed bridges, repairing and cleaning roads at the expense of the State budget. As of September 2022, in particular:



72 bridges on state roads were restored (150 destroyed);



more than **2000 km of roads** were cleared and provided with access

RECOVERY



DESTRUCTION





REFORMS



REFORMS AND THEIR MAIN PREMISES



Anti-corruption reform

- › “Tone from the top”
- › Code of ethics and conduct, anticorruption programme, policies and procedures based having in their core the integrity compliance.
- › Engagement of the civil servants in the implementation
- › Anonymous reporting channels and protection of the whistle-blowers.
- › Asset management rules aimed at the prevention of corruption in the most sensitive areas such as project prioritisation, public procurement, centralised storage of the project documentation, road quality management and monitoring

Standard forms of contracts

- › Transparency of contractual relations of construction market participants
- › Improvement of the mechanism of financial control of work performance
- › Taking into account all possible risks and ensuring guarantees for a construction contract
- › Unification of forms of contracts for construction works with international partners

Procurement reform

- › Simplification of procedural issues to shorten the terms of tenders
- › Simplification of the system of qualification of tenders participants
- › Unification of the system in accordance with the best global practices
- › Digitalization of the reporting, budgeting and forecasting functions

Standards approximation reform

- › Approximation of the construction norms and technical requirements in the infrastructure sectors with those of the EU
- › Introduction of Eurocodes in the national legal framework and their application
- › Identification, introduction and application of the private internationally recognized standards (e.g. ISO)
- › Accreditation of the relevant functions of the state-owned enterprises under the relevant ISO standards
- › Training of the key staff on the application of the new standards

Pricing reform

- › Simplifying the formation of the contractual price
- › Introduction of mandatory compilation of information on scope of work according to international measurement systems, including - CESMM4
- › Improvement of the price monitoring system due to the possibility to apply different sources of information including price databases
- › An updated methodological approach to the calculation of funds to cover risks and inflation

Urban planning reform and legislation for recovery

- › Delineation of functions of control and supervision of urban planning
- › Increasing the responsibility of construction market participants
- › Digitization of processes in construction
- › Implementation of Building information modeling (BIM) technologies
- › Comprehensive rehabilitation programs for each war affected area
- › Register of damaged and destroyed property



PROCUREMENT REFORM



ISSUES

- Lack of clear regulation of conditions for participation of non-residents
- Lack in the legislation of the possibility to define conditions for procurement at the expense of export credit loans
- Long term for submission of bid
- proposals due to the need to establish an additional term for publication in English
- Price dumping during the auction in the construction and maintenance works procurements, which leads to further adjustment of projects

SUGGESTED AMENDMENTS

- Establishment of new exceptions for non-residents regarding the requirements for submission of documents and amending the law in part of the documents they must provide in their proposals
- In the case of procurement at the expense of loans received through export credit agencies, the qualification criteria shall be based, inter alia, on the terms and conditions specified in the documents, the drawing up of which precedes the provision of loans
- Provision of an exception to the deadlines for submission of proposals for the construction and maintenance works procurements by removing the need for the employer to publish an announcement in English
- Introduction of a new mechanism for the evaluation of bids in the construction and maintenance work procurements without an auction, by opening financial proposals

AMENDMENTS TO THE LAW OF UKRAINE «ON PUBLIC PROCUREMENT»



WHY INTRODUCE THE AMENDMENTS?

- Simplify and detail the conditions for participation of non-residents in procurement procedures in order to expand the potential range of participants and increase competition
- Ensure the possibility of conducting procurements taking into account the loans received through export credit agencies
- Reduce the timeframe for the construction and maintenance works procurements in order to accelerate the restoration of Ukraine's infrastructure
- Introduce a new mechanism for evaluating bids in the construction and maintenance works procurements without an auction in order to avoid price dumping



TRUST FUND



INTRODUCTION: UKRAINE RELIEF, RECOVERY & RECONSTRUCTION TF (URTF) UMBRELLA PROGRAM



FIVE THEMES ACROSS ALL ACTIVITIES:

- I** strengthening sector governance;
- II** programming & preparing reconstruction;
- III** enhancing impact of reconstruction;
- IV** transparency and accountability of processes
- V** sector sustainability



EIGHT WINDOWS FOR DEPLOYING FUNDING:

- I** railway infrastructure;
- II** road infrastructure;
- III** transborder infrastructure;
- IV** infrastructure for maritime and inland waterways;
- V** aviation infrastructure;
- VI** logistics for private sector;
- VII** urban transport;
- VIII** sector policy & institutions

FUND FLOW CHART



1

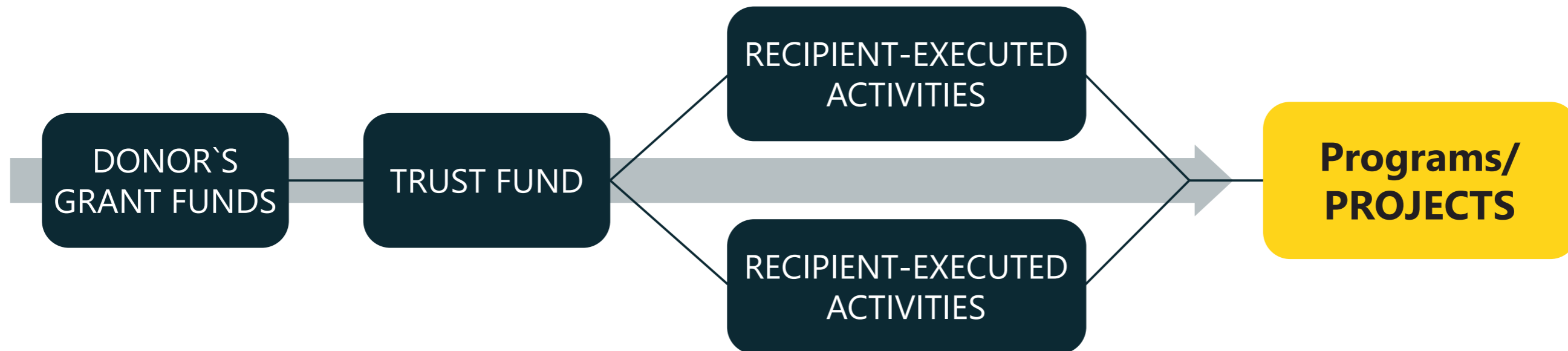
Donor transfers grant funds to the Rebuild Ukraine Trust Fund

2

The World Bank based on an administration agreement with a Donor, allocates fund between the recipient-executed and bank-executed activities

3

These activities are an integral part of a particular program or project





INFRASTRUCTURE PROJECT FUNDING NEEDS

GLOBAL GOAL: IMPROVEMENT OF UKRAINE'S EXPORT LOGISTICS



THE EFFORTS OF THE MINISTRY OF INFRASTRUCTURE OF UKRAINE ARE AIMED AT OVERCOMING 2 CHALLENGES

- 1 WORLD FOOD CRISIS**
- 2 HUMANITARIAN CRISES AND DISASTERS**



Reform of the public procurement system

Pricing reform

GLOBAL PRINCIPALS IN THE CONSTRUCTION MARKET

Drafting of standard forms of contracts for construction works

Update of the national regulatory framework for the design and construction

SUPPORT OF THE RAIL INFRASTRUCTURE PROJECT



SECO cooperation with Mol



➤ Delivery of the rail fastening system equipment:

- Source of funding – grant funds
- Grantor – SECO
- Delivery – the rail fastening system equipment
- Potential supplier – Schwihag AG
- Total cost – 14 million Swiss francs

To start the project, it is necessary to sign a Grant Agreement between the Government of the Swiss Confederation and the Government of Ukraine



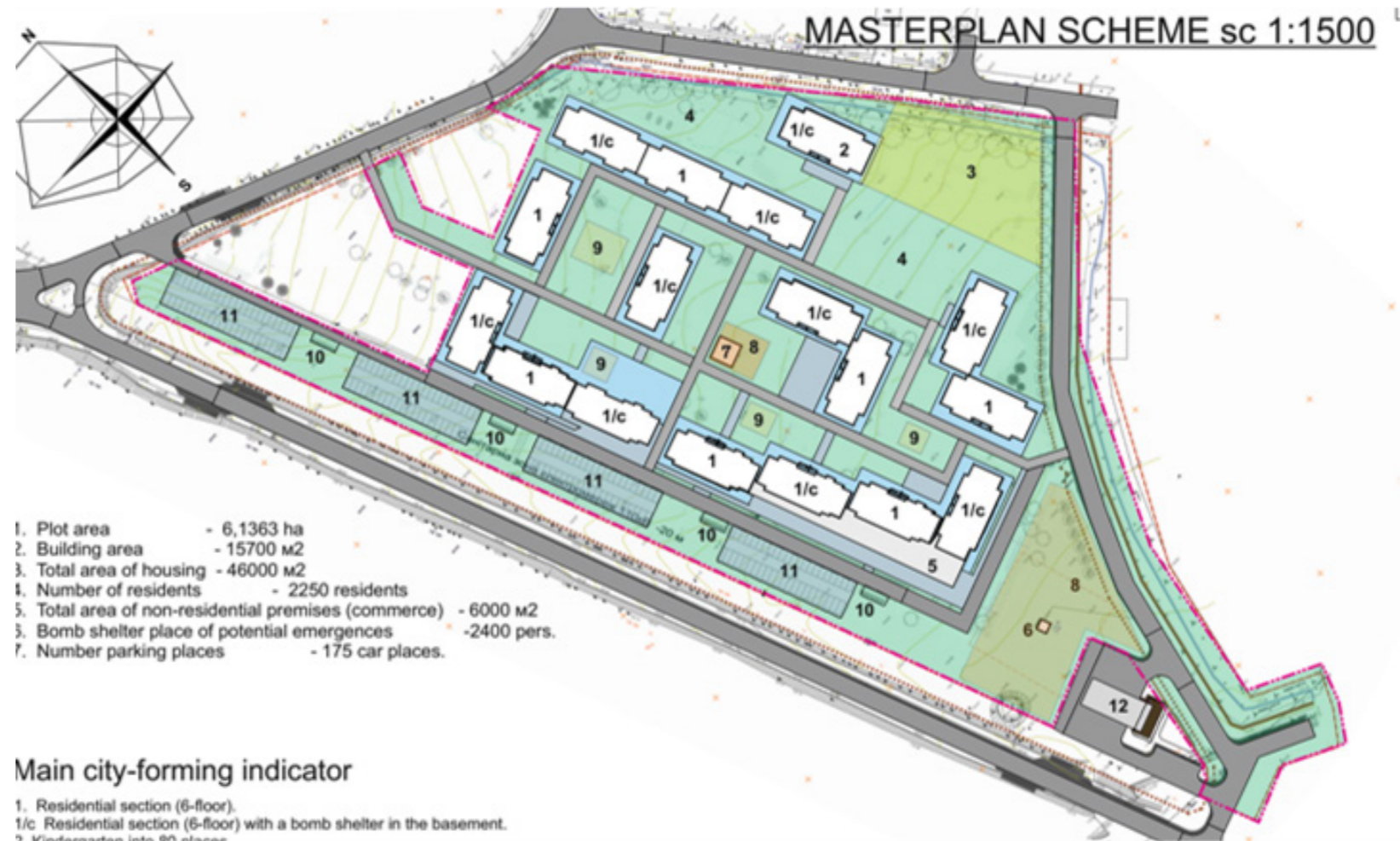
NEED FOR OTHER FACILITIES



Recovery and reconstruction of residential buildings

► Construction of residential buildings:

- residential buildings of the sectional type;
- equip each residential section with in accordance with the needs of disabled people;
- bomb shelters are provided for sheltering residents;
- built-in premises of public, commercial, and domestic purposes



NEED FOR OTHER FACILITIES

➤ Recovery and reconstruction of healthcare facilities

➤ **Construction of large multidisciplinary hospitals with a closed cycle of treatment:**

- RESEARCH
- DIAGNOSTICS
- OUTPATIENT TREATMENT
- INPATIENT TREATMENT
- SURGERY
- REHABILITATION



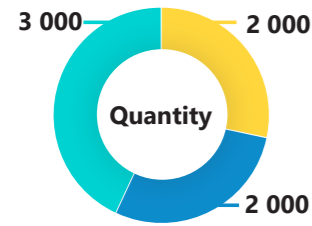
NEEDS OF THE DE-OCCUPIED TERRITORIES (TRANSPORT AND GENERATORS)



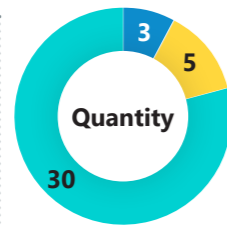
POWER SUPPLIES



- Needs**
- MEWP Trucks
 - Heavy Duty Trucks
 - Excavator
 - Electrolaboratory
 - Crane
 - Brigade vehicles (UAZ, GAZelle)



- Needs**
- PC-70
 - ШФ-20
 - ТФ-20



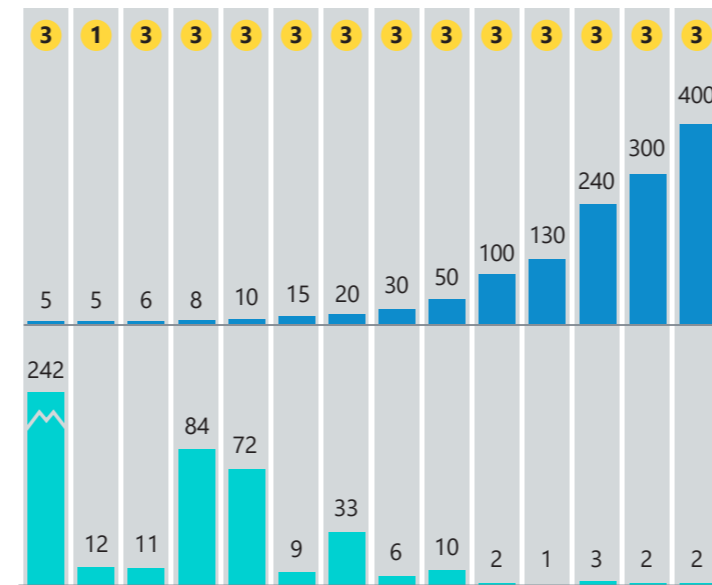
- Needs**
- 150/35/10 kW
 - 35/10 kW
 - 10/0,4 kW



- Needs**
- 35 kW
 - 10 kW
 - 0,4 kW

GENERATORS

The need of infrastructure facilities of the de-occupied part of Kherson region in backup power supply sources



- Power output (kW) ● Number of units ● X No. of phases

TRANSPORTATION

*Total quantity, pcs.

