



# ZAPORIZHZHIA REGION

PROJECTS FOR SECURITY AND RESILIENCE





# PRIORITY AREAS OF WORK



STRENGTHENING THE ZAPORIZHZHIA FRONT

SAFE STREETS

ENERGY RESILIENCE AND INDEPENDENCE

RECONSTRUCTION AND CONSTRUCTION

HIGH-QUALITY EDUCATION

MODERN HEALTHCARE

SUPPORT FOR VETERANS

BUSINESS DEVELOPMENT

ANTI-CORRUPTION EFFORTS

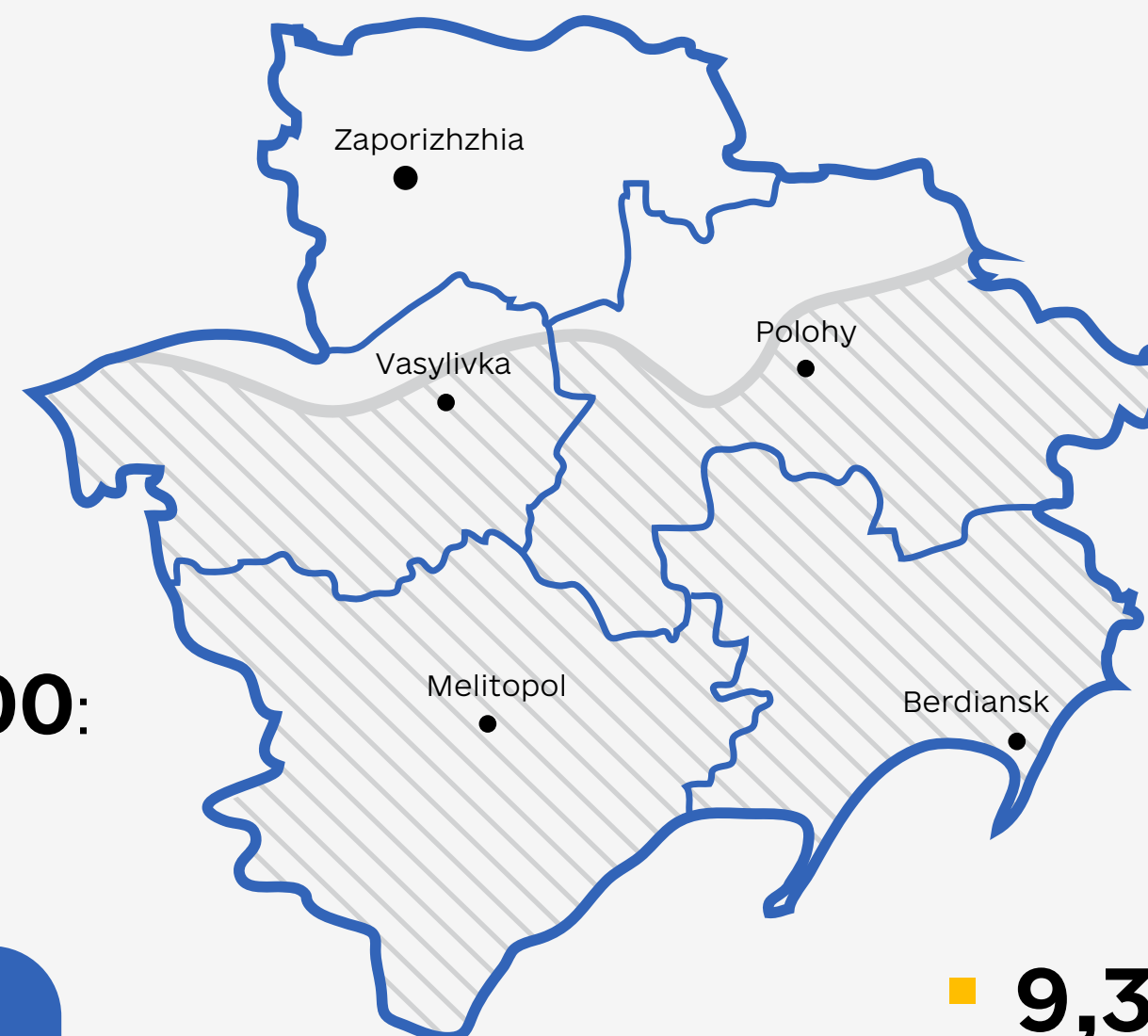
UNITY AND COOPERATION



# NEED FOR RECOVERY

## LOST ASSETS

- **70%** of Zaporizhzhia region territory is under occupation
- **300** residents are living under occupation
- Major cities with populations up to **200,000**: Melitopol, Berdiansk, Enerhodar, Tokmak



## DAMAGED / DESTROYED CIVILIAN INFRASTRUCTURE IN THE REGION

**15 700+**

total facilities affected, including:

- **9,324** residential buildings:
  - 8,151 private homes
  - 1,172 multi-storey buildings
- **4,165** critical infrastructure facilities
- **693** industrial facilities
- **577** social institutions:
  - 309 educational
  - 170 cultural
  - 87 healthcare
  - 6 social welfare
  - 5 sports facilities
- **370** transport infrastructure sites:
  - 337 roads
  - 23 bridges
  - 10 railway stations
- **334** other non-military objects
- **59** administrative buildings

## DESTROYED FRONTLINE AREAS

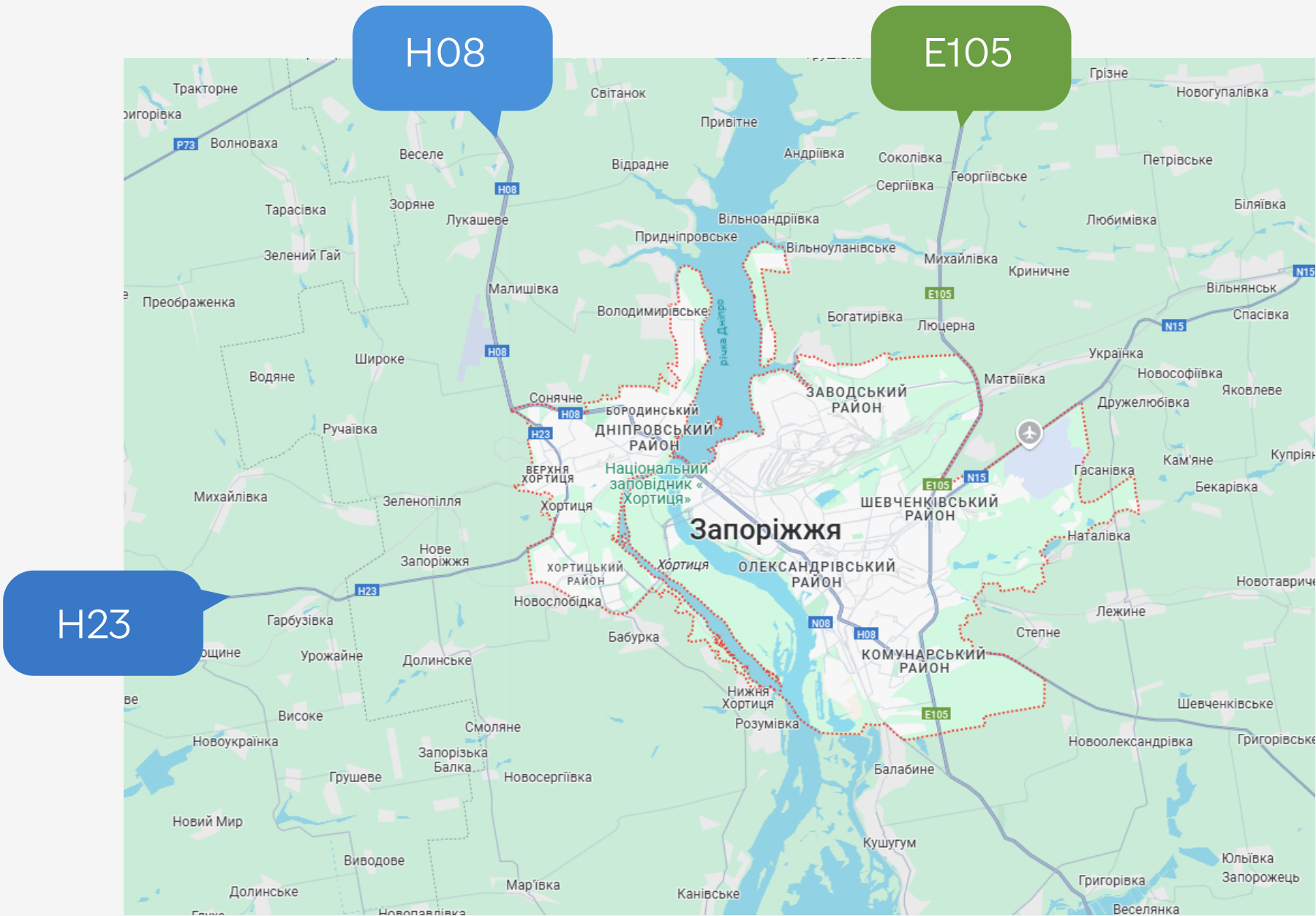
### KEY AREAS AFFECTED

VASYLIVSKYI  
DISTRICT, %  
OF DESTRUCTION

POLOHIVSKYI  
DISTRICT, %  
OF DESTRUCTION

Residential infrastructure	78%	83%
Social facilities	80%	88%
City-forming enterprises	85%	72%

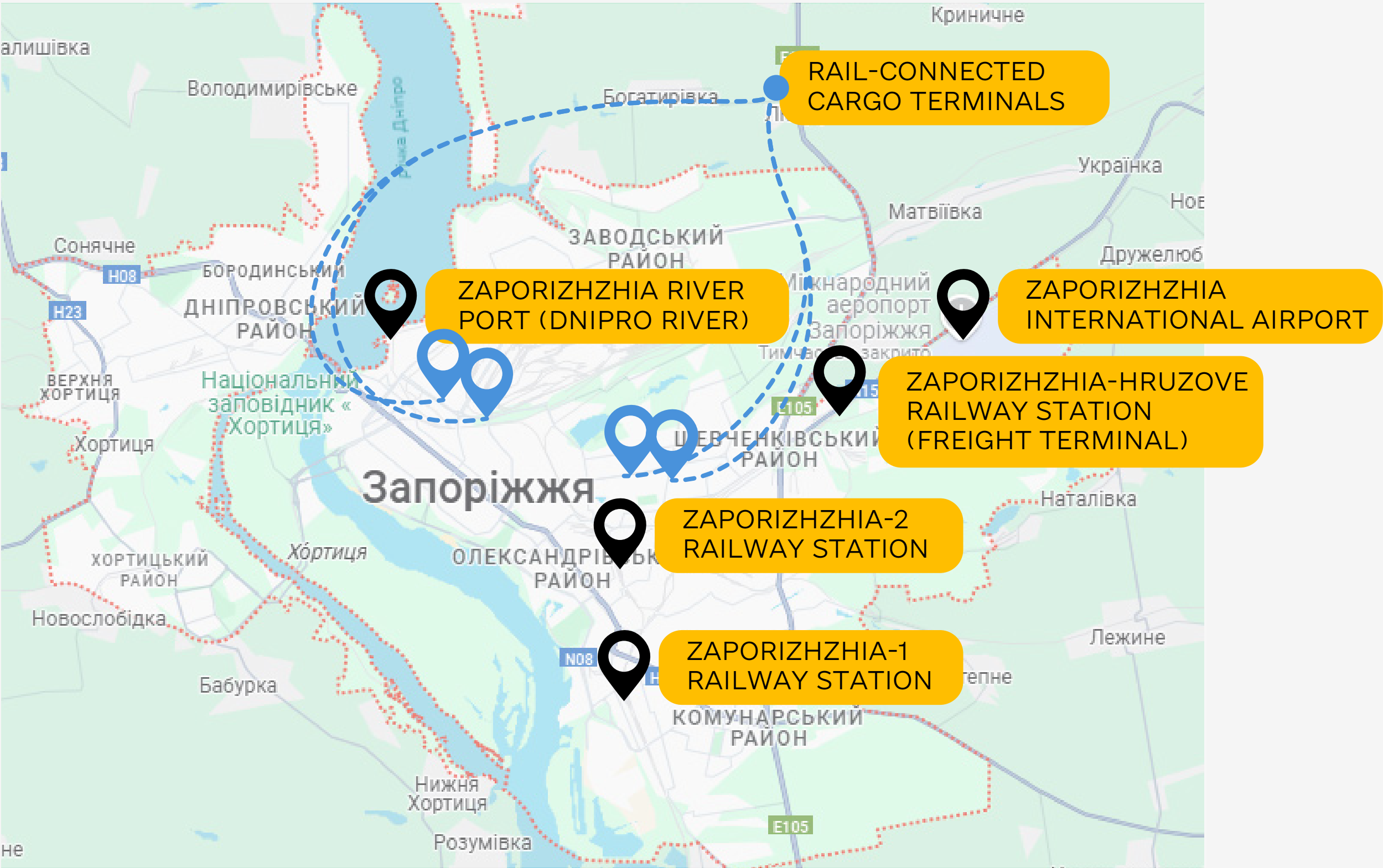
# LOGISTICAL ADVANTAGES



**H08** National Highway Connection to Dnipro and Kyiv

**E105** National Highway Connection to Kharkiv and Poltava

**H23** National Highway Connection to Kryvyi Rih, Kherson, Mykolaiv, Odesa – with access to Black Sea and Danube ports



# ZAPORIZHZHIA INDUSTRIAL PARK

## UNIQUE ADVANTAGE:

A cluster of two state-owned land plots with a total area of 270 hectares (designated for transport infrastructure)

## LOGISTICS:

Located along National Highway H-08  
(Zaporizhzhia – Dnipro – Boryspil/Kyiv)  
and intersecting with National Highway H-23  
(Kropyvnytskyi – Kryvyi Rih – Zaporizhzhia – Mykolaiv – Odesa)

- Zaporizhzhia city – 5 km
- Zaporizhzhia River Port – 18 km
- Zaporizhzhia International Airport – 38 km
- Zaporizhzhia-1 Railway Station – 32 km
- Dniprobud-II Railway Station – 20 km

## POWER SUPPLY CAPACITY:

35 kV “Armalit” Substation – 5 km away  
70+ MW available capacity

## ECONOMIC IMPACT:

- **15-20** resident companies
- **UAH 5 billion** in annual tax revenue

## SOCIAL IMPACT:

- **13 500** new jobs



# ZAPORIZHZHIA TITANIUM AND MAGNESIUM PLANT (ZTMP)

## BOOK VALUE:

**USD 24.4 million**

## ANNUAL REVENUE:

**USD 56.6 million** (2019)

## PRODUCTION CAPACITY:

- Sponge titanium – 8,000–9,000 tons/year
- Titanium slag – 30,000 tons/year
- Titanium ingots – 1,000 tons/year

## UNIQUE STRATEGIC ASSET:

- The only producer in Europe of sponge titanium, titanium slag, and titanium ingots
- Certified according to ISO 9001 and EN 9100
- Among 16 global sponge titanium producers (USA, Kazakhstan, Ukraine, India, China, Japan, Saudi Arabia)
- After modernization, can fully meet up to 100% of U.S. demand for aerospace-grade titanium

## EXPORT MARKETS (2021):

Supplied to 4 global regions:

- Europe
- Asia
- North America

## TECHNICAL DETAILS:

- Land plot: 236 hectares
- Production facilities: 64,000 m<sup>2</sup>
- Site dimensions: 1.2 × 1.4 km

## CURRENT STATUS:

Mothballed since 2022, can be restarted within a few months

RESTART SCENARIOS:

### 1. Titanium Slag Production

- Inputs: liquid oxygen, ilmenite (surplus on domestic market), electricity
- Timeline: 3 months
- Investment required: USD 1.5 million

### 2. Sponge Titanium Production

- Inputs: chlorine (Romania), magnesium (China), ilmenite, electricity
- Timeline: 6–10 months
- Investment required: USD 50 million

### 3. Titanium Ingot Production

- Inputs: sponge titanium (own or imported from China), electricity
- Timeline: 3 months
- Investment required: USD 1.5 million

Note: Outstanding debts exist but are subject to restructuring.

# ZAPORIZHTRANSFORMATOR



## BOOK VALUE:

USD 160.1 million

## ANNUAL REVENUE:

USD 112.1 million (2024)

## PRODUCTION CAPACITY:

- 50 GVA
- Power transformers
- Electrical reactors
- High-current bus ducts
- Transformer control and monitoring systems

## UNIQUE STRATEGIC ASSET:

- Potential partnership interest from Siemens Energy, General Electric, EFASEC
- One of the largest transformer equipment manufacturers in the world
- Export experience in 83 countries

## CURRENT STATUS:

- Production is being scaled up to support national energy security and defense needs
- Key customers include:
  - Ukrenergo (TSO)
  - Ukrhydroenergo (Hydropower utility)
  - Energoatom (Nuclear energy operator)
  - DTEK (Private energy holding)
  - Ukrzaliznytsia (Ukrainian Railways)
  - Regional power distribution companies
- Outstanding debt exists and is subject to restructuring

## EXPORT MARKETS:

- CIS countries
- Saudi Arabia
- Argentina
- India
- Malaysia
- Vietnam
- Egypt
- Various African countries

## TECHNICAL DETAILS:

- Land area: 123 hectares
- Production facilities: 53,300 m<sup>2</sup>





# ZAPORIZHZHIA REGIONAL STATE ADMINISTRATION

Sobornyi ave. 164, Zaporizhzhia, 69107  
uzez@zoda.gov.ua  
Department of foreign affairs and international  
economic relations

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