



UKRAINE

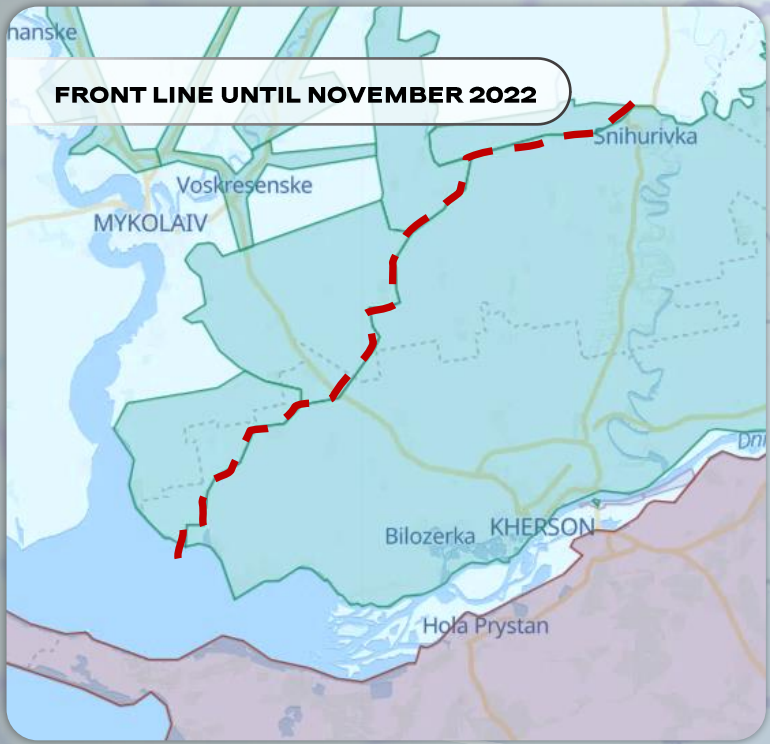
MYKOLAIV CITY

MYKOLAIV CITY MAYOR

OLEKSANDR SYENKEVYCH

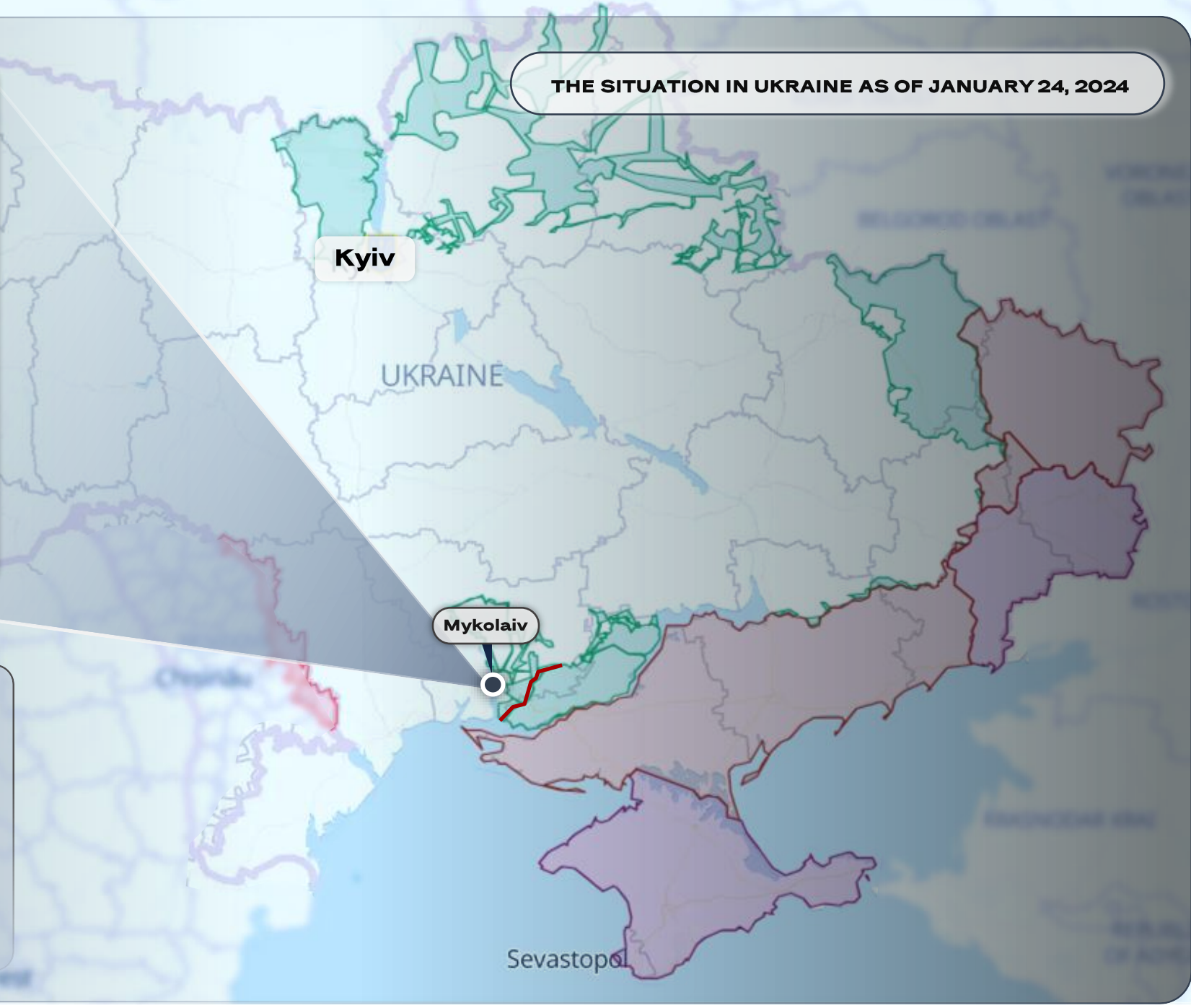
THE SITUATION IN UKRAINE AS OF JANUARY 24, 2024

FRONT LINE UNTIL NOVEMBER 2022



LEGEND:

- liberated less than 2 weeks ago
- liberated
- territory with unknown status
- territory occupied by russians
- territory of Crimea and occupied in 2014-2015
- occupied territories of other states



INFORMATION ABOUT THE CITY



BEFORE THE WAR / DURING THE WAR

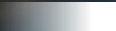
 **POPULATION: 469,545 / 423.225**

 **AREA: 259.8 km² / 259.8 km²**

 **INTERNALLY DISPLACED PERSONS 44.048**

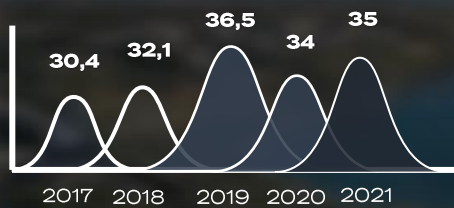
POPULATION DURING THE WAR

 JANUARY, 2024  447.694

DECEMBER, 2022  300.000

JUNE, 2022  230.000

THE TOTAL VOLUMES OF PROCESSED CARGO IN THE CITY (MILLION TONS)



23%

FROM THE TOTAL VOLUME OF PROCESSED CARGO IN UKRAINE

MYKOLAIV

AREAS OF BUSINESS DEVELOPMENT



MECHANICAL ENGINEERING, INCL. SHIPBUILDING



INFORMATION, TELECOMMUNICATIONS AND IT



FOOD INDUSTRY



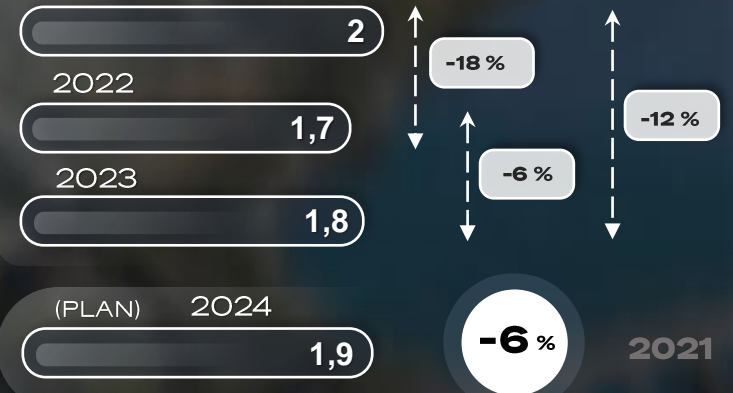
LOGISTICS



PERSONAL INCOME TAX

(EXCLUDING INCOME FROM MILITARY SERVANTS)

2021 BILLION. UAH



DAMAGED OBJECTS



974

APARTMENT
BLOCKS



1070

HOUSES



88

EDUCATIONAL
FACILITIES



24

CULTURAL
FACILITIES



15

SPORTS
FACILITIES



17

HEALTH
FACILITIES

DAMAGE IN MONETARY LOSSES

MONETARY LOSSES TO SOCIAL INFRASTRUCTURE



+

1.4

MLN €

ELDERLY
FACILITIES



COMMUNITY
CENTERS

MONETARY LOSSES TO SOCIAL SERVICES



41

MLN €

WATER SUPPLY



+

13.9

MLN €

POWER
STATIONS



BOILER
HOUSES

MONETARY LOSSES TO DAMAGED OBJECTS



+

386

MLN €

APARTMENT
BLOCKS



HOUSES



45.3

MLN €

EDUCATIONAL
FACILITIES



+

10.9

MLN €

CULTURAL
FACILITIES



SPORTS
FACILITIES



222.6

MLN €

HEALTH
FACILITIES

MONETARY LOSSES TO INDUSTRY & INFRASTRUCTURE



299

MLN €

INDUSTRIAL
BUSINESSES



0.6

MLN €

BRIDGES &
OVERPASSES



+

68.8

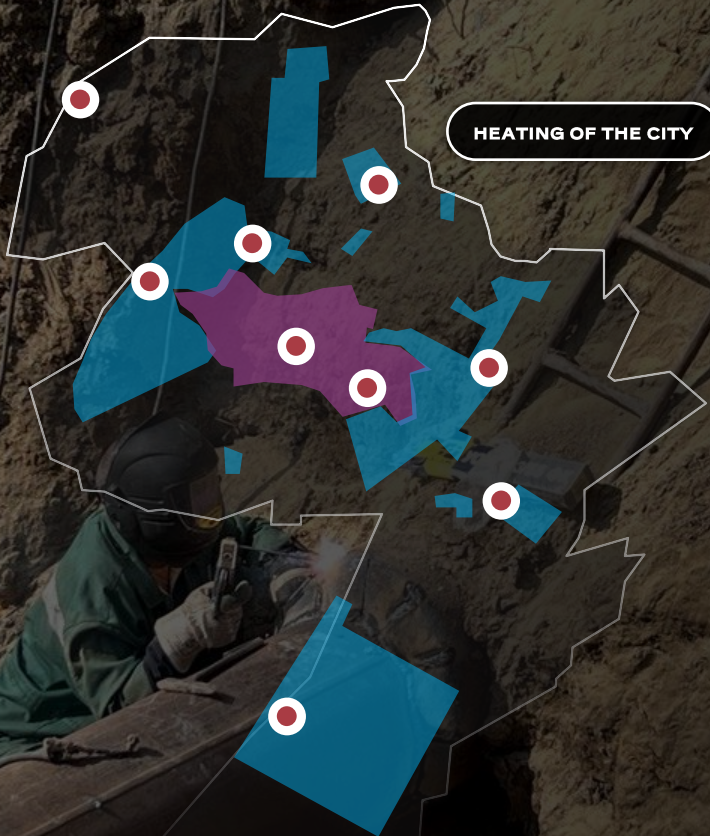
MLN €

AGRICULTURAL
BUILDINGS



INDUSTRIAL
BUILDINGS

KEY EMERGENCY CHALLENGES FOR THE CITY



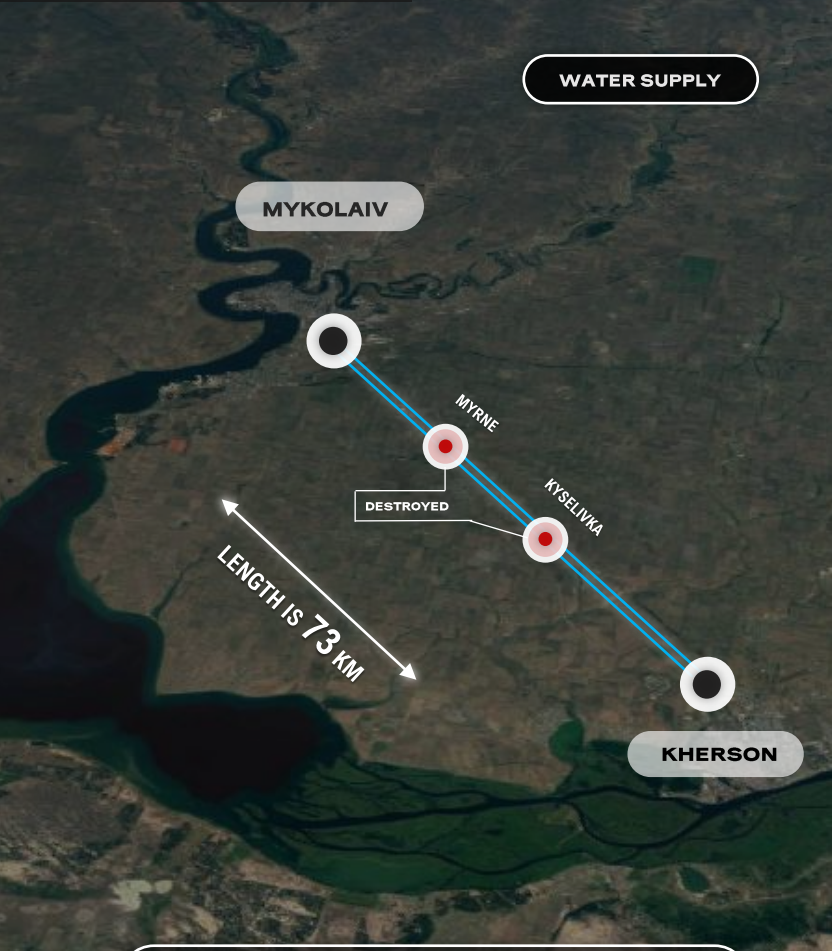
HEATING OF THE CITY

HEATING AREA
RCE "MYKOLAIVOLTEPLOENERGO"
NUMBER OF CUSTOMERS - 85,963

HEATING AREA
PJSC "MYKOLAIV THERMAL POWER PLANT"
NUMBER OF CUSTOMERS - 40,000

LOCATION OF BOILERS

RAW-WATER TRANSMISSION MAIN
"DNIPRO-MYKOLAIV"



WATER SUPPLY

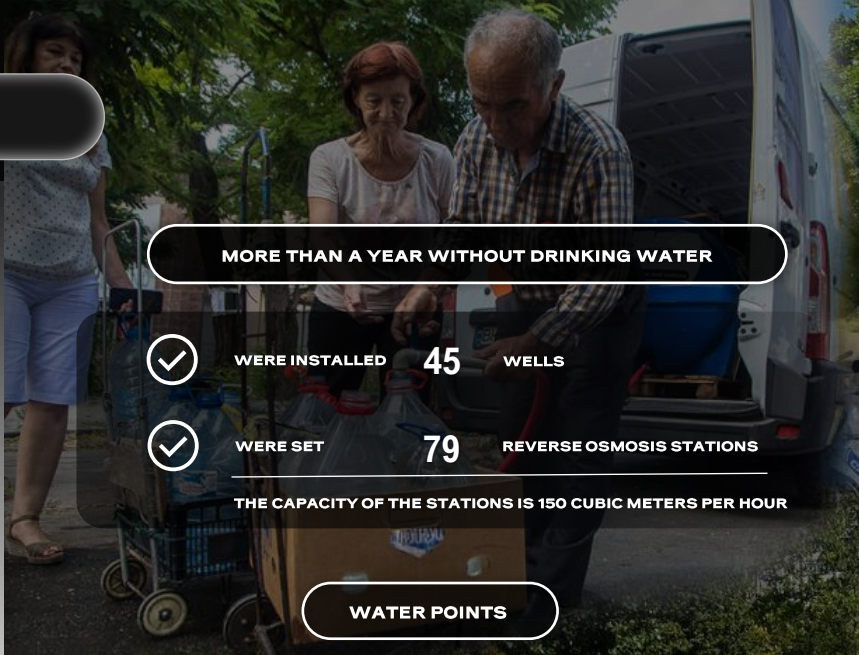
MYKOLAIV

MYRNE
DESTROYED
Kyselivka

LENGTH IS 73 KM

KHERSON

THE WATER MAINS WERE WITHIN
THE VILLAGES MYRNE AND KYSELIVKA



MORE THAN A YEAR WITHOUT DRINKING WATER

WERE INSTALLED 45 WELLS

WERE SET 79 REVERSE OSMOSIS STATIONS

THE CAPACITY OF THE STATIONS IS 150 CUBIC METERS PER HOUR

WATER POINTS



ZAVODSKYI DISTRICT

INHULSKYI DISTRICT

CENTRAL DISTRICT

KORABELNYI DISTRICT

PRIORITY FOR ASSISTANCE TYPE



**WATER SUPPLY
MANAGEMENT**



**EDUCATIONAL
FACILITIES**



**HEALTH CARE
FACILITIES**



**TRANSPORT
INFRASTRUCTURE**



**HOUSING
MICRO-DISTRICT**



**DESTRUCTION
WASTE
MANAGEMENT**



HEATING



**INNOVATION
AND INDUSTRY**

CONSTRUCTION OF A FIBERGLASS
SLEEVE IMPREGNATION AND
STORAGE WORKSHOP

PURCHASE OF A COMPLEX FOR
TRENCHLESS LAYING OF PIPES USING
THE "PIPE-BURSTING" TECHNOLOGY

EQUIPMENT FOR GENERATING
NANO-BUBBLES

MOBILE COMPLEX FOR
SLUDGE DEWATERING IN A
CONTAINER TYPE XJD-2000

BIOGAS PRODUCTION COMPLEX
FROM SLUDGE

WATER SUPPLY MANAGEMENT





EDUCATIONAL FACILITIES



RECONSTRUCTION OF SCHOOLS AND KINDERGARTENS

EQUIPMENT FOR INCLUSIVE GROUPS

REPAIR AND ARRANGEMENT OF SHELTERS

REPAIR AND ARRANGEMENT OF FOOD BLOCKS

EQUIPMENT FOR SPORT YARDS

LAUNDRY EQUIPMENT

STAIR CRAWLER LIFTS

EQUIPMENT FOR A CHILDREN'S
DIAGNOSTIC CENTER

EQUIPMENT FOR THE
REHABILITATION CENTER

EQUIPMENT FOR THE
PERINATAL CENTER

**HEALTH CARE
FACILITIES**



PURCHASE OF A FLUOROSCOPIC
C-SHAPED MOBILE SYSTEM WITH A
FLAT PANEL DETECTOR

PURCHASE OF A LAPAROSCOPIC
VIDEO STAND

PURCHASE OF AN ULTRASONIC
BIPOLAR GENERATOR

DIGITAL INTRAOPERATIVE NEURONAVIGATION
SYSTEM FOR NEUROSURGERY





**TRANSPORT
INFRASTRUCTURE**



RECONSTRUCTION OF ROADS

CONSTRUCTION OF
TUNNELS, BYPASS ROADS

PURCHASE OF BUSSES
AND TROLLEY BUSES



**HOUSING
MICRO-DISTRICT**



**CONSTRUCTION
OF NEW HOUSING
MICRO-DISTRICT**

DESTRUCTION WASTE MANAGEMENT



THE EQUIPMENT REQUIRED FOR DISMANTLING OF TOTALLY DESTROYED RESIDENTIAL BUILDING

CRUSHER FOR OVERSIZED AND CONSTRUCTION WASTE

MOBILE SORTING TABLE FOR SIX SORTING STATIONS

EDDY CURRENT SEPARATOR

N	CODE	PROJECT NAME	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036-2040	2041-2045	2046-2050	CAPEX*
INVESTMENT PROJECTS																		
1	STIP	Development of a new sanitary landfill																Capex: ~30-35 mln EUR (capacity of 180,000 tpa, 30 Ha)
2	MTIP	Closure of existing landfill																~ 30 mln EUR (800.000 Eur/ha, ca.38 ha)
3	STIP	Demolition and clean-up																Capex: ~500.000-800.000 EUR (project preparation); 20-50 M EUR project implementation (depending on ~400.000 - 650.000 EUR (project preparation)
4	STIP	Construction and demolition waste facility for emergency clean-up																Equipment: 1.350.000 to 2.000.000 EUR ~ 2 mln EUR (further details in the descriptopn of STIP 5)
5	STIP	Waste separation, collection and transportation in a pilot district																
6	MTIP	Improvement of MW collection and transportation system in Mykolaiv city																~7-10 mln EUR (further details in MTIP 6)
7	STIP	Construction of the sorting line for the recyclables																~250,000 EUR, capacity 10,000 t/year with a possibility for extension with two more lines. OPEX 25 EUR/t
8	MTIP	Construction of MBT facility with RDF production and biostabilisation																Capex: ~35 mln EUR (capacity 95,000 – 100,000 tpa) Opex: 40 EUR/t
9	MTIP	Construction of composting plant for separately collected biodegradable and green waste																Capex: ~1.5 mln EUR for 38,000 tpa Opex: 35-40 EUR/t
ENABLING PROJECTS																		
1	STEP	Support to development Municipal Waste Management Plan for Mykolaiv																Time based. Estimated 60-100.000 EUR
2	STEP	Improvement of regulatory environment to support efficient handling of demolition waste																Time based. Estimated 60-100.000 EUR
3	LTEP	Enhancing capacity and fostering public awareness on MW management																Time based. Estimated 50-100.000 EUR, excluding direct costs related to capacity development (travel,
4	MTEP	Implementation of the EU Waste Acquis at municipal level																TBD

Legend:

Project preparation period



STIP expected duration



MTIP expected duration



MTIP ad-hoc assistance



STEP/LTEP expected duration



STEP/MTEP/LTEP follow-on implementation

RECONSTRUCTION OF BOILER HOUSES

CONSTRUCTION OF A BIOFUEL CHP PLANT AT 42 SAMOILOVYCH ST., MYKOLAIV

CONSTRUCTION OF A NEW BOILER HOUSE

CONSTRUCTION OF A COGENERATION COMPLEX AT THE FACILITIES OF RCE "MYKOLAIVBLTEPLOENERGO"

HEATING



MEASURES TO RECONSTRUCT HEATING NETWORKS WITH THE MERGER OF BOILER UNITS OR SWITCHING OF CONSUMERS TO PJSC MYKOLAIV CHP

CONSTRUCTION OF A POWER COMPLEX BASED ON GAS TURBINE UNITS AT THE FACILITIES OF MYKOLAIVBLTEPLOENERGO

INSTALLATION OF INDIVIDUAL HEATING STATIONS IN RESIDENTIAL BUILDINGS FROM BOILER HOUSES AT 42 SAMOILOVYCH STREET AND 71 BILA STREET

CONSTRUCTION OF A PLANT FOR THE PRODUCTION OF ALTERNATIVE FUELS (BRIQUETTES, PELLETS)

MYKOLAIV INNOVATION DISTRICT

THE DISTRICT WILL SERVE AS A HUB FOR KNOWLEDGE EXCHANGE, IDEA GENERATION, AND RESOURCE SHARING, WITH THE GOAL OF DRIVING ECONOMIC GROWTH, TECHNOLOGICAL ADVANCEMENTS, AND SOCIETAL PROGRESS IN UKRAINE

INNOVATION
AND INDUSTRY



ACTIVITIES

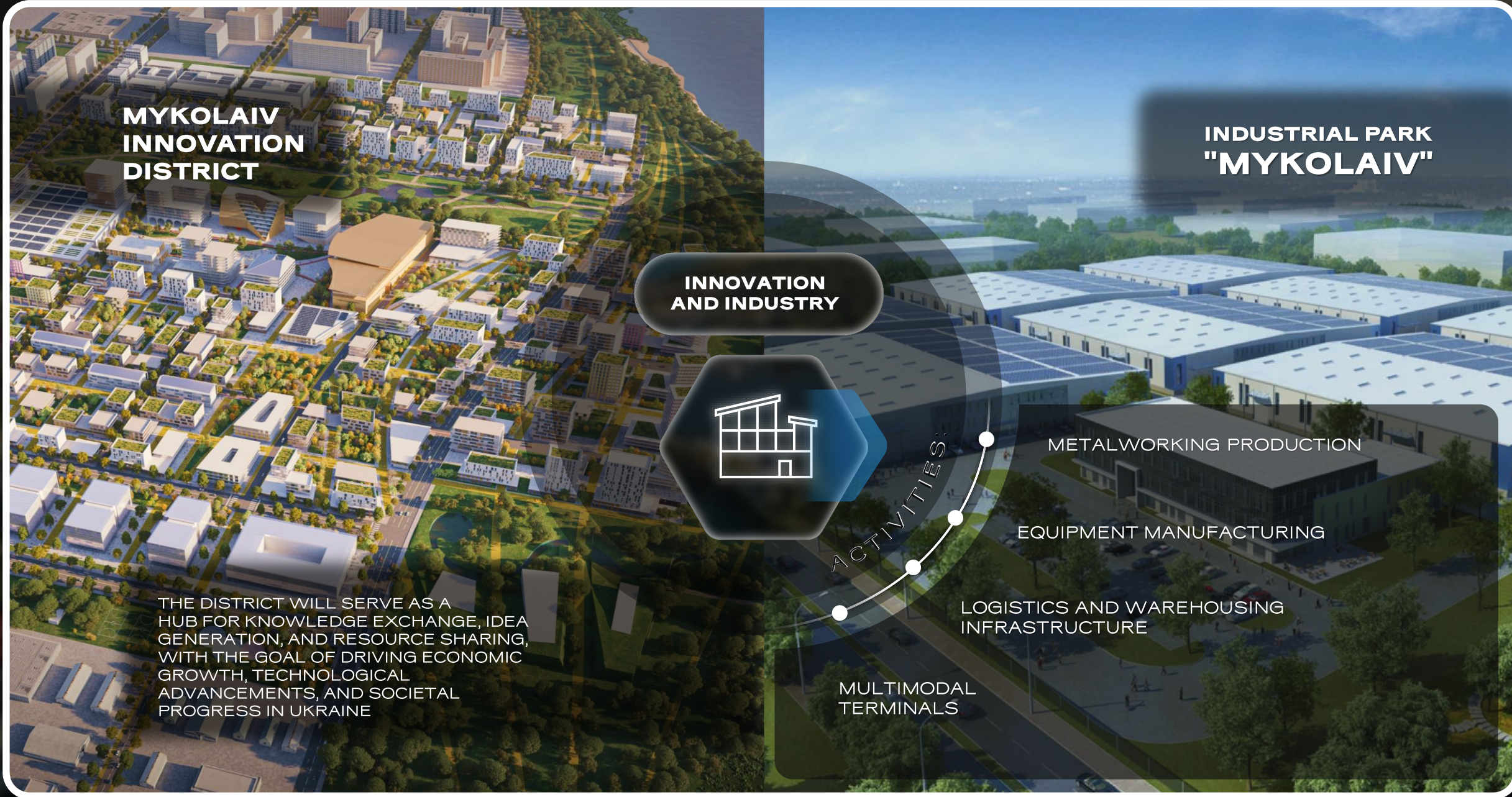
METALWORKING PRODUCTION

EQUIPMENT MANUFACTURING

LOGISTICS AND WAREHOUSING
INFRASTRUCTURE

MULTIMODAL
TERMINALS

INDUSTRIAL PARK "MYKOLAIV"



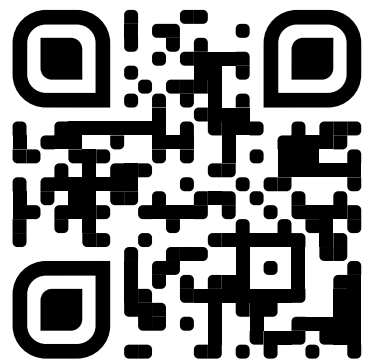
MYKOLAIV CITY COUNCIL

THANK YOU FOR YOUR ATTENTION

LOOKING FORWARD FOR COOPERATION



mkrada.gov.ua



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@mykolaivrada