



GUIDE: Rebuilding Ukraine with Private Sector

September 2022



1	New opportunities	4
2	Why to invest in Ukraine	11
3	Why Ukraine matters	38
4	How to support Ukraine	42
5	Investment projects	43



Foreword

Sergiy TSIVKACH

Executive Director, UkraineInvest



On 24 February 2022, the Russian Federation began a large-scale armed aggression against Ukraine, killing Ukrainians and destroying Ukrainian cities and villages by offensive hostilities, including missile, artillery, and air strikes. This war has been devastating to the Ukrainian economy, with dramatic consequences for international supply chains, manufacturing inputs, and, ultimately, food security, both regionally and globally.

Since the beginning of the war UkraineInvest's team have been tediously working to help raise the profile of crucial economic issues, bringing together the international business community in support of Ukraine to find new, cooperative solutions to needs emerging as a result of this unprecedented crisis.

Guide: Rebuilding Ukraine with Private Sector, as one of the outputs of such work, is the primary information source for investors and operating companies to do business with Ukraine. It contains information on Ukraine's investment profile, financial incentives, business opportunities, as well as analytical data from various industries.

The need to rebuild the country's economy within a relatively short period of time is creating an unprecedented number of opportunities for investors. Savvy and visionary investors are already considering Ukraine as an investment destination as investment projects require some ground work. The Ukraineinvest team is a reliable partner to the business community and is here to help you and guide your investment.

NEW OPPORTUNITIES

Before the full-scale Russia's military aggression Ukraine's GDP growth forecast 2022 was estimated as **3.4%**.

For 2022 Ukraine is projected to experience large GDP contractions of -33% **as a direct result of the Russian invasion**, destruction of infrastructure, and exodus of its people.

As of August 1, the total amount of direct damage to Ukraine's economy destruction of residential and non-residential buildings and infrastructure reached **USD 113.5 billion**, or over UAH 3 trillion.

The economic shock of the war in Ukraine is having various negative effects on the **various sectors** of the economy.



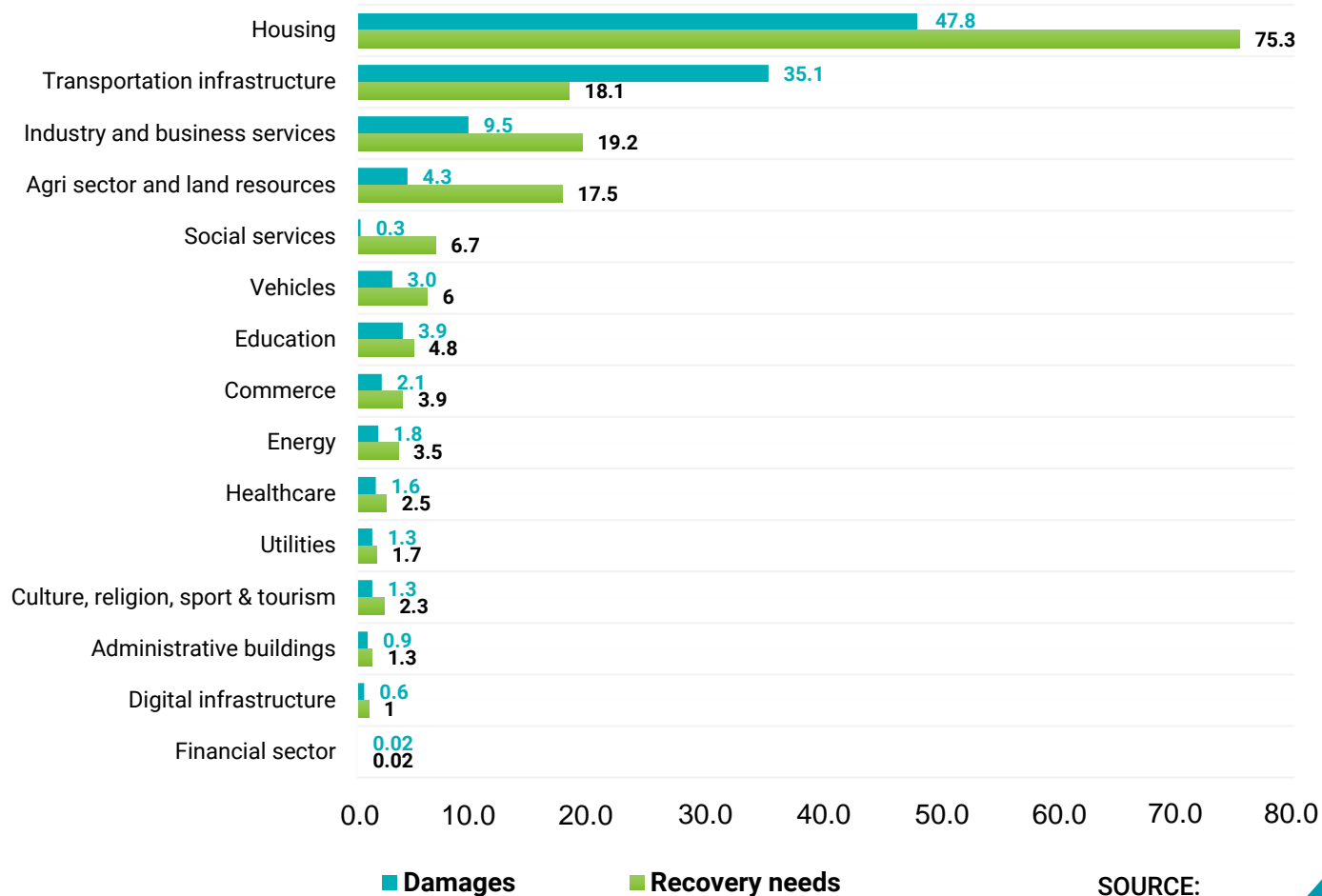
SOURCES:

International Monetary Fund
Kyiv School of Economics

NEW OPPORTUNITIES

Damages caused by Russian military aggression (as of August 2022)

Damages of physical infrastructure, bln USD



SOURCE:
Kyiv School of
Economics

Overall infrastructure damage 113 bln USD

388 enterprises
19 civilian airports
28 oil depots
511 administrative buildings
764 kindergartens
27 shopping centers
634 cultural facilities
43 700 agricultural machinery

The full-scale recovery of the
economy may cost around
750 bln USD

NEW OPPORTUNITIES

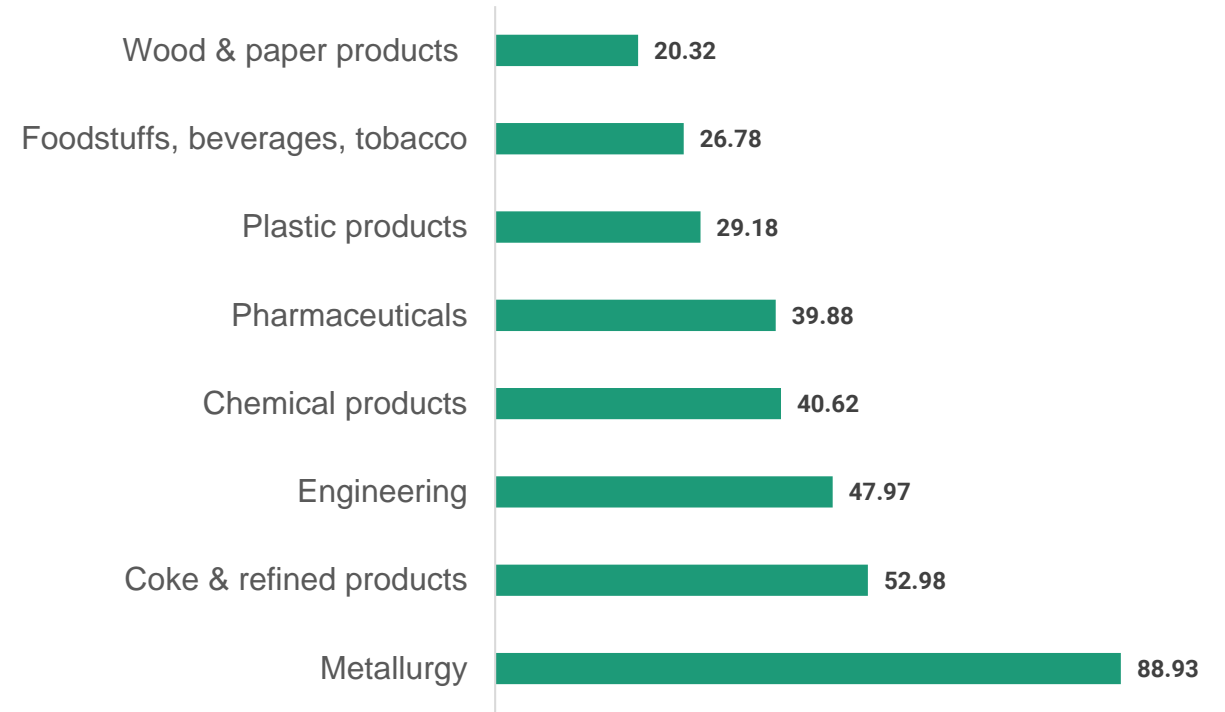
Sectoral damages (potential) caused by Russian military aggression

By industry suffered, most of the damage was done to metallurgy, coke & refined products, and engineering.

The regions fully or partially occupied since the beginning of the full-scale invasion by Russia are likely to be withdrawn from national value chains to some extent.

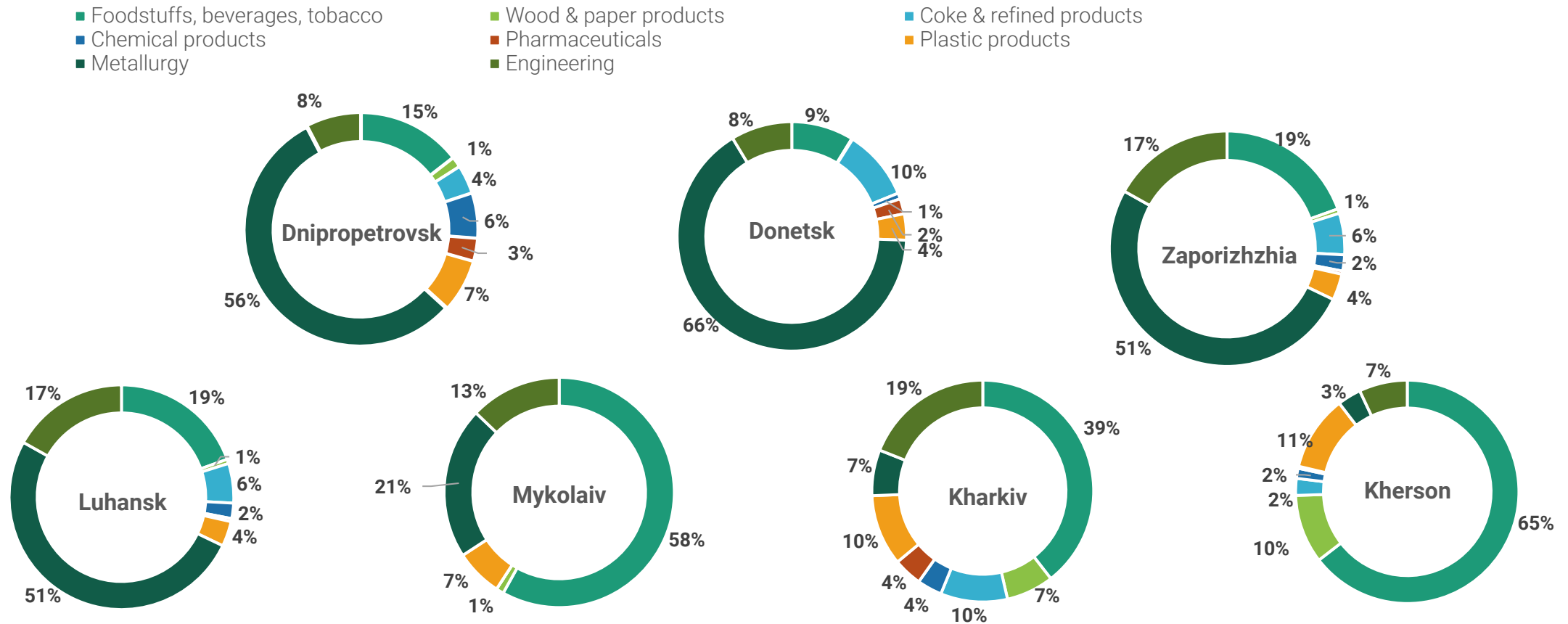
Seven regions* fully or partially occupied by Russia account for 54% of national manufacturing output.

Total share of regions fully or partially occupied due to Russian military aggression* in manufacturing output, % 2020



NEW OPPORTUNITIES

Manufacturing output structure in regions fully or partially occupied by the Russian Federation since February 24th, %



NEW OPPORTUNITIES

Reconstruction opens vast investment opportunities **for building materials producers, logistics and EPC companies**. As an example, Ukraine will require millions of square meters of residential apartments construction.

In addition, reconstruction offers a unique opportunity to **upgrade Ukraine's productive capacity**, attracting foreign capital in modern technology, laying the foundations for long-term growth, and integrating Ukraine more tightly into the global economy.

Besides, plenty of **international partners** are ready to support Ukrainian cities and participate in the **twinning reconstruction initiative**.



NEW OPPORTUNITIES

Twinning Reconstruction Initiatives

Facilitating the cooperation of twinning investment programs is one of the directions to move forward in foreign direct investment attraction. That is when private investors from a certain country aim to finance specific projects in damaged cities with support of their governments through peer to peer schemes.

The countries ready to take patronage over cities and regions:



United Kingdom

Kyiv city and Kyiv region



Sweden

Mykolaiv region



Estonia

Zhytomyr region



Denmark

Mykolaiv city



Greece

Odesa city



Taiwan

Kharkiv city



Italy

Donetsk Academic
Regional Drama
Theater

“When each of the partner countries or partner cities or partner companies will have the opportunity - historical one - to take patronage over a particular region of Ukraine, city, community or industry”.

President Zelenskyy's Address at WEF 2022

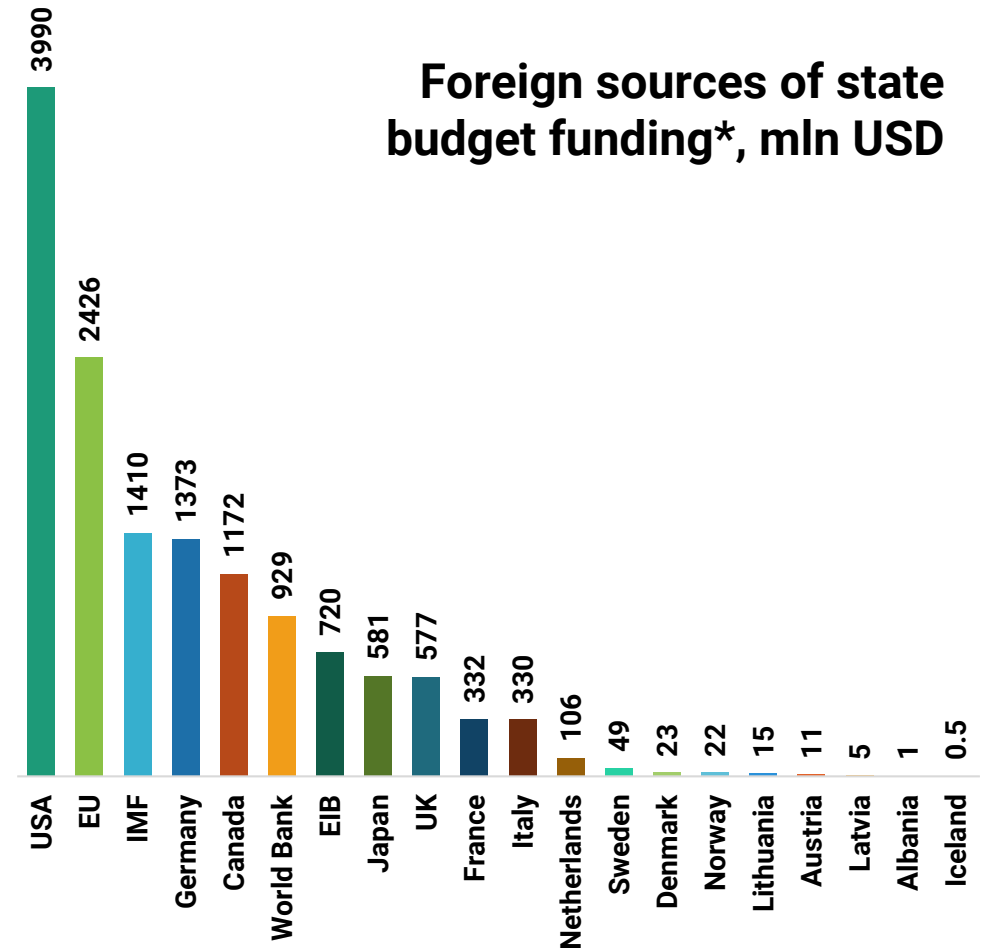
NEW OPPORTUNITIES

Support from international partners

The EU together with Ukraine will create a financial platform of reconstruction that will help Ukraine rebuild critical infrastructure after Russia's devastating aggression and pave the way to the European future through key economic, legal, and social reforms.

Ukraine Reconstruction Platform is to bring together under one roof the EU support, as well as other initiatives set up by partners, such as the World Bank Trust Fund or the International Monetary Fund administered account. **The platform's purpose is to ensure** efforts coordination between partners, avoid duplication and promote synergies, including via joint projects co-financing.

Foreign sources of state budget funding*, mln USD



SOURCE:

*Ministry of Finance of Ukraine

WHY TO INVEST IN UKRAINE

Ukraine still has a lot of advantages that make it an attractive investment destination.

Ukraine's financial system has demonstrated resilience and readiness for such a challenge as Russia's armed aggression.

Assistance from international financial organizations, as well as European integration processes will foster the investment attractiveness of Ukraine to the new level.



WHY TO INVEST IN UKRAINE

Ukraine **MACRO OVERVIEW**

Key Policy Rate

25%

In June 2022, the National Bank of Ukraine raised the key policy rate to 25% per annum. Along with other measures, this step aims to protect households' income and savings in hryvnia, raise the attractiveness of hryvnia assets, reduce pressure on the FX market, and thus enhance the NBU's capability to maintain the exchange rate stability and restrain inflation processes during the war.

Inflation (per annum) July 2022

22.1%

GDP growth 2021

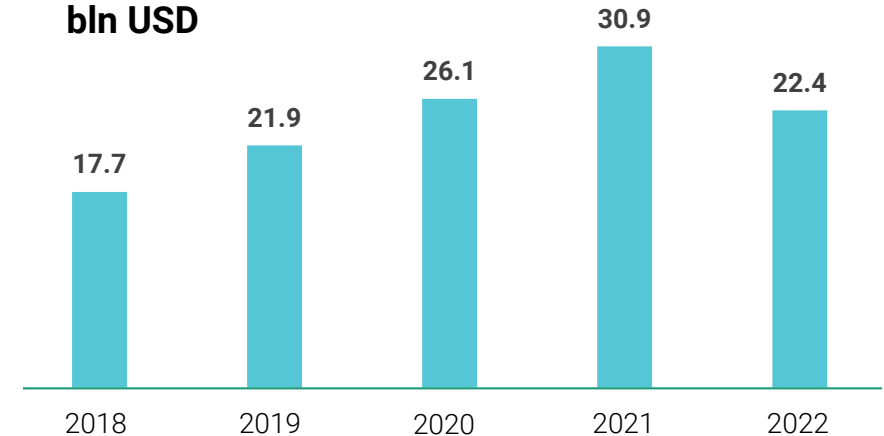
3.4%

The Ukrainian economy returned to growth in 2021, despite the difficult conditions caused by the coronavirus crisis consequences: real GDP grew by 3.4% as of the year-end, after a 4% drop in 2020.

GDP growth forecast 2022

-33.4%

International Reserves, bln USD



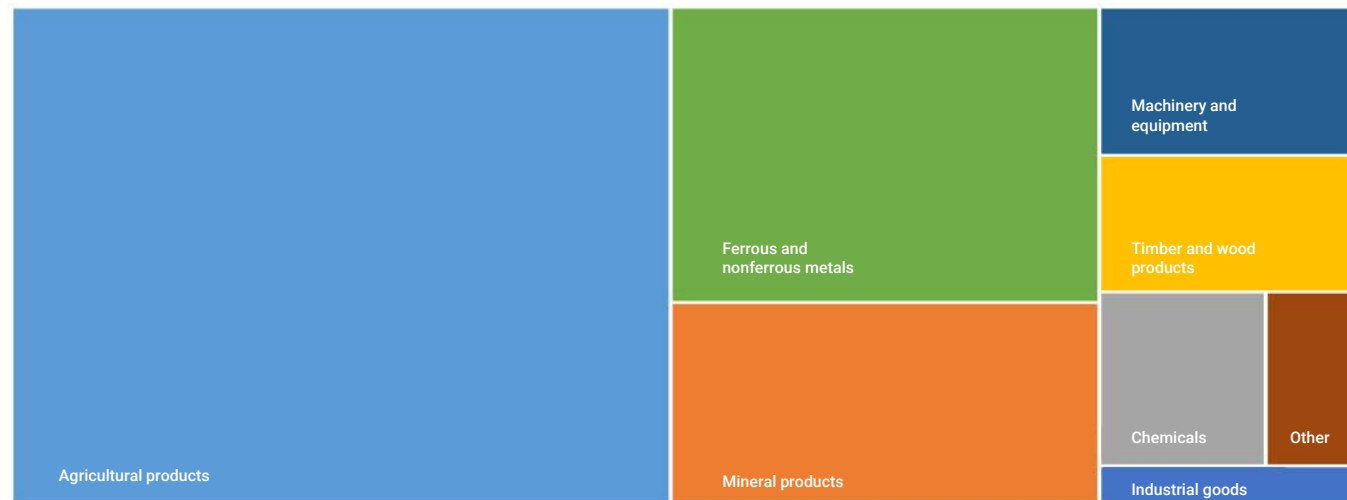
In 2022, the key determinants of international reserves dynamics included the NBU transactions in the FX interbank market, public debt management and financial instruments revaluation due to change in their market value and exchange rate fluctuations.

WHY TO INVEST IN UKRAINE

Ukraine Export January – June 2022

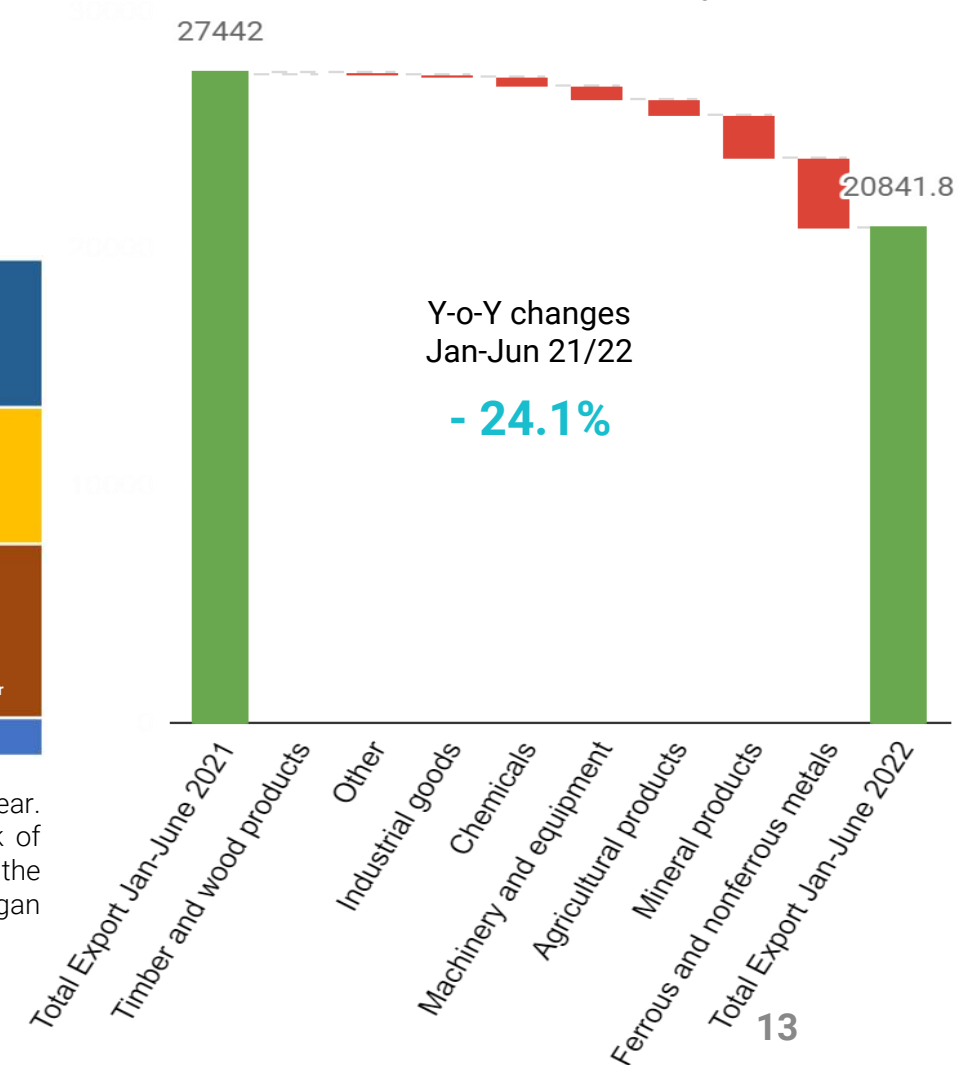
Total export
Jan-Jun 2022 **20 842**
mln USD

Export by category, Jan-Jun 2022



Export of goods in Jan – Jun 2022 period decrease significantly compared to the same period in previous year. The main reason behind this is the blockade of Ukrainian ports, disruptions of supply chains, and lack of access to raw materials. The main drop is reported in the export of mineral products and metals. Despite the war, Ukrainian agricultural companies develop new export routes, and moreover cereals sea corridor began functioning. Thus, it makes it possible to resume the level of agricultural goods export.

Y-o-Y changes factor analysis



WHY TO INVEST IN UKRAINE

10 reasons to invest in Ukraine



**1. Consumer markets coverage
(with 47 countries FTAs signed)**



**2. Geographical position
advantages**



**3. Skilled and competitive
labor force**



**4. Considerable raw
material base**



**5. Opportunities in
various sectors**



**6. Opportunities of operating
costs optimization**



**7. Advanced
IT sector**



**8. Developing
R&D ecosystem**



**9. Investment incentive
schemes**



**10. Lots of international
companies already there**

WHY TO INVEST IN UKRAINE

1. Consumer markets coverage

Nearly 1 bln consumer market can be reached within
2 500 miles

448 mln

European Union

100 mln

CIS (selected)

502 mln

Non EU

44 mln*

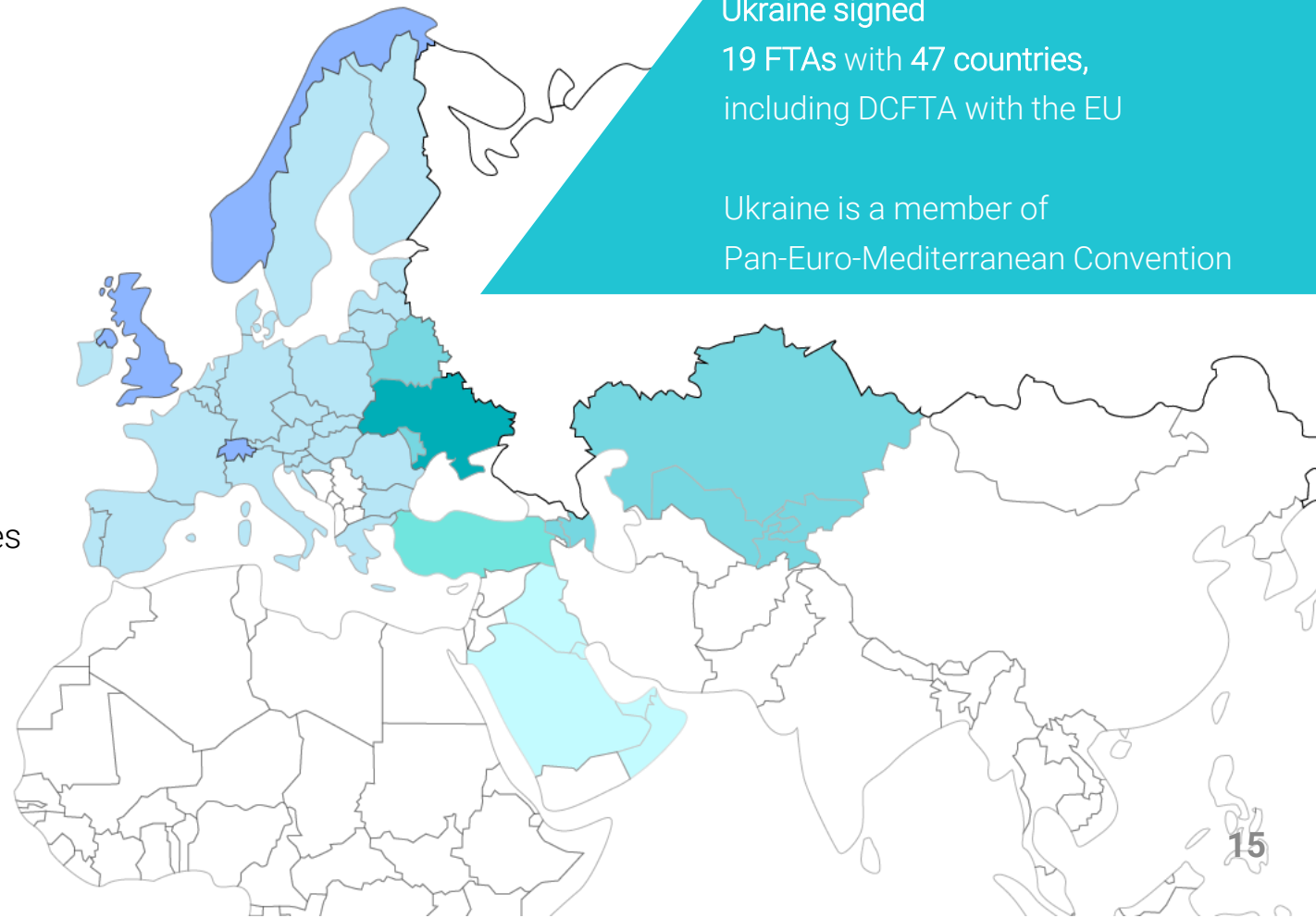
Ukraine

The EU, UK, Canada and Australia **have suspended** import duties on all Ukrainian exports for one year. The United States **has suspended** the collection of 232 duties on Ukrainian steel for one year (2022/2023).

This creates new opportunities for Ukrainian exporters. Trade turnover between Ukraine and these countries is expected to increase, strengthening mutually beneficial partnership.

Ukraine signed
19 FTAs with 47 countries,
including DCFTA with the EU

Ukraine is a member of
Pan-Euro-Mediterranean Convention



WHY TO INVEST IN UKRAINE

2. Geographical position advantages

Ukraine's geographic location makes it an **important transit corridor for trade and travel between Europe, Asia and the Middle East**. When combined with its other comparative advantages, Ukraine has a potential to become an exclusive Eurasian hub.

Access to key global business hubs (flight hours)



International Transport Corridors Crossing Ukraine

PAN-EUROPEAN TRANSPORT CORRIDOR III

Berlin – Wrocław – Lviv – Kyiv

PAN-EUROPEAN TRANSPORT CORRIDOR V

Trieste – Ljubljana – Budapest –
Uzhhorod – Lviv

PAN-EUROPEAN TRANSPORT CORRIDOR IX

Helsinki – Kyiv – Odesa – Bucharest – Alexandroupolis

INTERNATIONAL TRANSPORT CORRIDOR

Gdansk – Odesa



Most major destinations in Europe can be reached **in two days** by truck from Ukraine, which gives it a competitive edge, particularly for food distribution. When the truck time to ship across Europe is added for non-port cities, Ukraine stands out for its capability of delivering goods in a **timely and cost-effective** manner.

WHY TO INVEST IN UKRAINE

3.1 Skilled and competitive labor force

Globally, Ukraine is acknowledged for its qualified labor force and educated population as the country of high human development category (Human Development Index above 0.753).

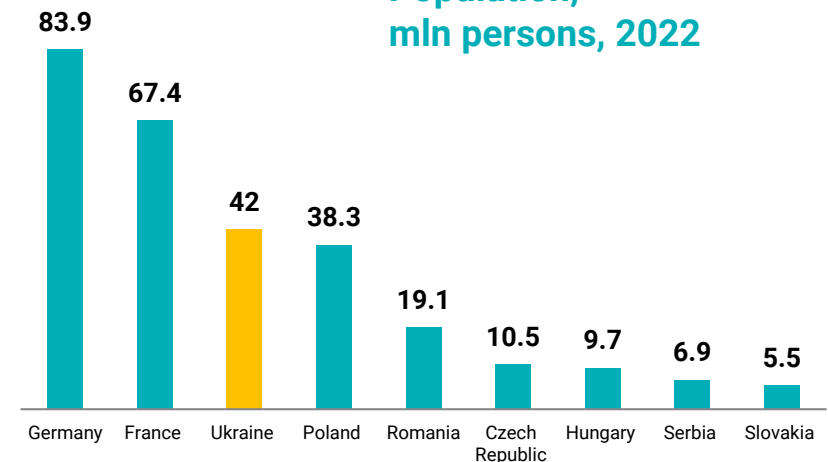
As of 2021, Ukraine ranks 6th among European countries by population.

Despite the fact that the war forced many Ukrainians to flee to Europe, millions of motivated Ukrainians are starting to return home looking for work and opportunities to take part in the reconstruction process.

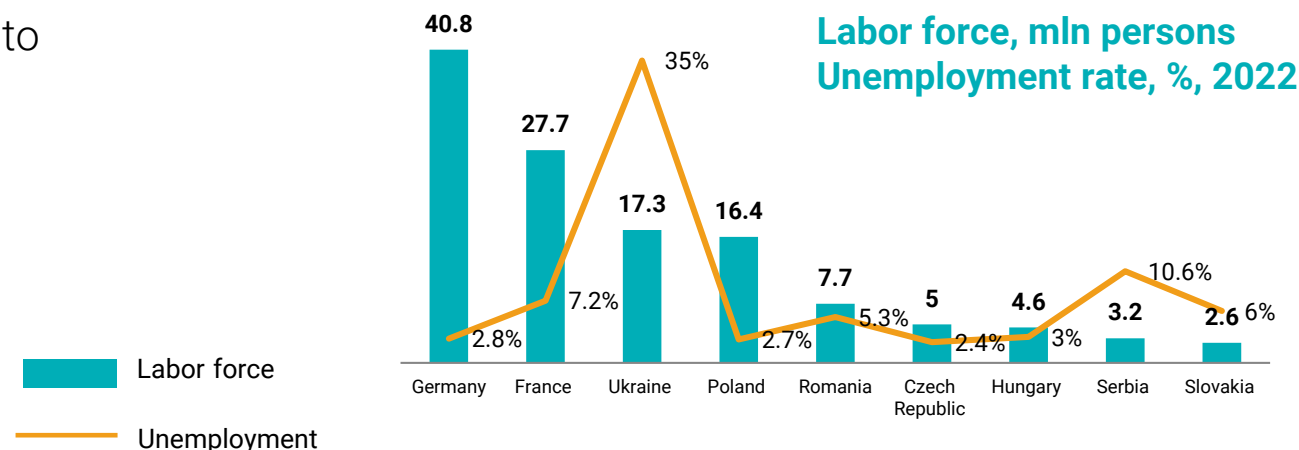
SOURCES:

Eurostat
State Statistics Service of Ukraine

Population,
mln persons, 2022



Labor force, mln persons
Unemployment rate, %, 2022



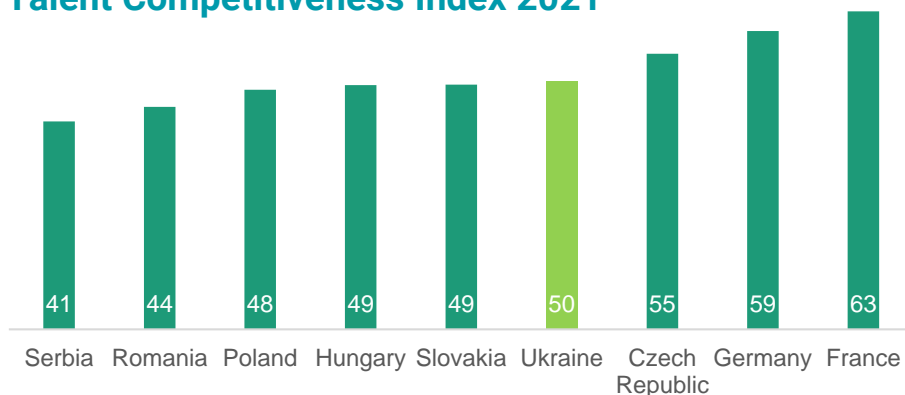
WHY TO INVEST IN UKRAINE

3.2 Skilled and competitive labor force

172 463

Graduates with a Bachelor's Degree in all specializations
2020/2021

Global Knowledge Skills 2021 from The Global Talent Competitiveness Index 2021**



SOURCE:

*State Statistics Service of Ukraine,

** inseed.edu

Bachelor graduates by Specialization*

Name of Specialization	Number of Graduates
	2020/2021
Natural Sciences	2 948
Mathematics and Statistics	845
Information Technology	12 347
Mechanical Engineering	4 796
Electrical Engineering	4 760
Automation and Instrumentation Engineering	2 982
Chemical and Bioengineering	1 390
Electronics and Telecommunications	2 059
Production and Technology	5 214
Architecture and Construction	5 921
Agricultural Sciences and Food Technology	6 903
Transport	7 352

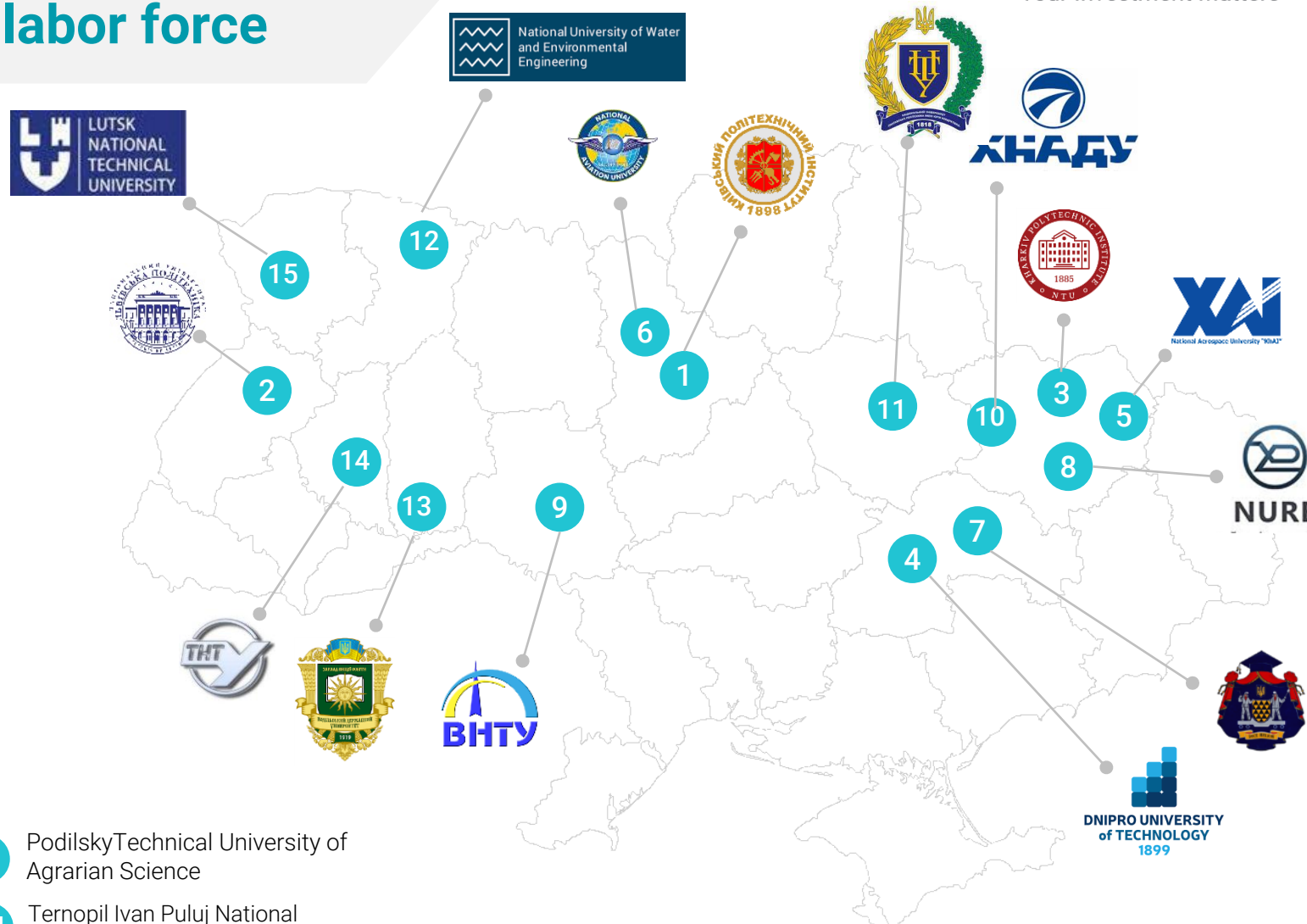
WHY TO INVEST IN UKRAINE

3.3 Skilled and competitive labor force

UkraineInvest
Your Investment Matters

TOP-15 Polytechnic Universities

- 1 National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"
- 2 Lviv Polytechnic National University
- 3 National Technical University Kharkiv Polytechnic Institute
- 4 Dnipro University of Technology
- 5 Kharkiv National Aerospace University
- 6 National Aviation University
- 7 National Metallurgical Academy of Ukraine
- 8 Kharkiv National University of Radio Electronics
- 9 Vinnytsia National Technical University
- 10 Kharkiv National Automobile and Highway University
- 11 Poltava National Technical University
- 12 National University of Water and Environmental Engineering
- 13 Podilsky Technical University of Agrarian Science
- 14 Ternopil Ivan Puluj National Technical University
- 15 Lutsk National Technical University



WHY TO INVEST IN UKRAINE

4.1 Considerable raw material base

Ukraine ranks 25th in mining in the world (among 165 countries)

Due to unique raw material base of iron and manganese ores, Ukraine is one of the countries with the most developed ferrous metallurgy in the world.

RICH MINERAL RESOURCES BASE

117

types of minerals
found in Ukraine
(out of 120 known)



8.8

thousand

deposits of industrial
importance



\$11.7

bln

total output of
mining industries



UKRAINE'S POSITION IN THE WORLD BY MINERALS EXTRACTION

METALLIC MINERALS

Iron - 6th place: 49.3 mln t. (7.24%
of global output)

Manganese - 7th place: 699 thousand t.
(3.62% of global output)

Titanium - 5th place: 537 thousand t.
(6.38% of global output)

NON-METALLIC MINERALS

Kaolins - 7th place: 1.68 mln t
(3.96% of global output)

Zircon - 11th place: 16 thousand t
(1.29% of global output)

Graphite - 10th place: 10 thousand t
(1.06% of global output)

MINERAL FUELS

Steam coal - 12th place: 21.6 mln t
(0.31% of global output)

Coking coal - 10th place: 6.43 mln t
(0.62% of global output)

Uranium - 9th place: 0.9 thousand t
(1.56% of global output)

SOURCE:

World Mining Data 2022 report

WHY TO INVEST IN UKRAINE

4.2 Considerable raw material base

4 MINERAL SUBSOIL FIELDS
available for investments

Non-metallic minerals

195 - licensed fields and blocks
43.826 Ha - respective license area

Metallic minerals

37 - licensed fields and blocks
22.857 Ha - respective license area

Hydrocarbons

49 - licensed fields and blocks
6.440 Ha - respective license area

Li
Lithium

3 - licensed fields and blocks
280 Ha - respective license area

Ti
Titanium

9 - licensed fields and blocks
9.037 Ha - respective license area

NON-FERROUS METALS

RARE EARTH METALS

Au
Gold

4 - licensed fields and blocks
1.280 Ha - respective license area

24 MINERAL SUBSOIL FIELDS of critical raw materials

Ni
Nickel

Co
Cobalt

Cr
Chrome

Cu
Copper

Mo
Molybdenum

5 - licensed fields and blocks
3.086 Ha - respective license area

Be
Beryllium

Zr
Zirconium

Ta
Tantalum

Nb
Niobium

Sc
Scandium

4 - licensed fields and blocks
1.870 Ha - respective license area

WHY TO INVEST IN UKRAINE

5.1 Opportunities in various sectors

Developed industries:



Agri processing



IT



Automotive



Furniture



Metal working

High potential for development:



Machinery



Electric vehicles and
batteries



Industrial R&D



Medical R&D and generics



Electronics and
electrical equipment

WHY TO INVEST IN UKRAINE

5.2 Opportunities in various sectors

Ukraine is working on a comprehensive Recovery Plan. Post-war reconstruction of Ukraine will be one of the largest projects since the well-known Marshall Plan.

The task is to rebuild and transform the economy and the state, according to European standards and in accordance with new world best practices.

The main principles that will form the basis of the recovery plan are:

- Full access to EU and G7 markets
- EU membership
- Deregulation and liberalization of the economy
- Transition from raw material exports to increased processing
- Development of the Military Industrial Complex
- Climate modernization
- Involvement of domestic producers in economic recovery



WHY TO INVEST IN UKRAINE

6.1 Opportunities of operating costs optimization

Cost of living

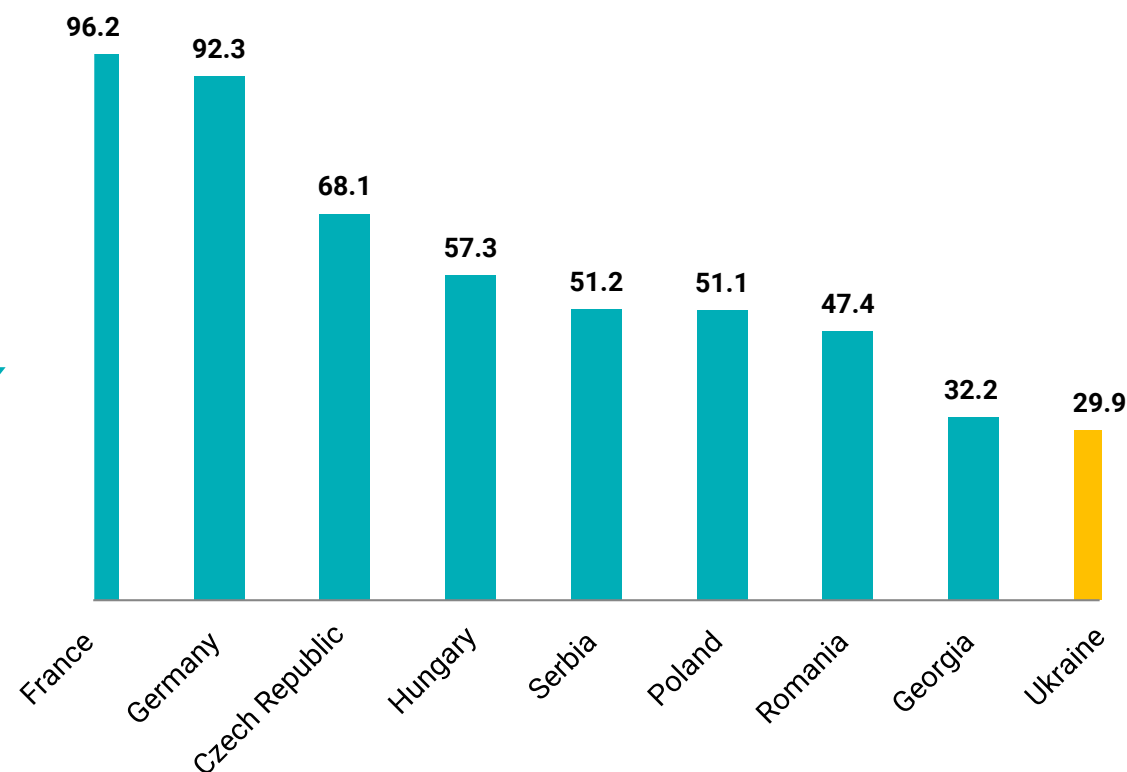
Ukraine is the most affordable country in the Europe regarding cost of living.

Kyiv also has competitive cost advantage among the selected European capital cities.

AVERAGE COSTS IN USD, 2022	UKRAINE	KYIV
Rent Apartment (45 m ²) elite area	522	648
Rent Apartment (45 m ²) average	252	412
Rent Apartment (85 m ²) elite area	586	960
Rent Apartment (85 m ²) average	478	597
Utilities (45 m ²)	47	51
Utilities (85 m ²)	71	78

SOURCE:
worlddata.info
expatistan.com

Cost of living index



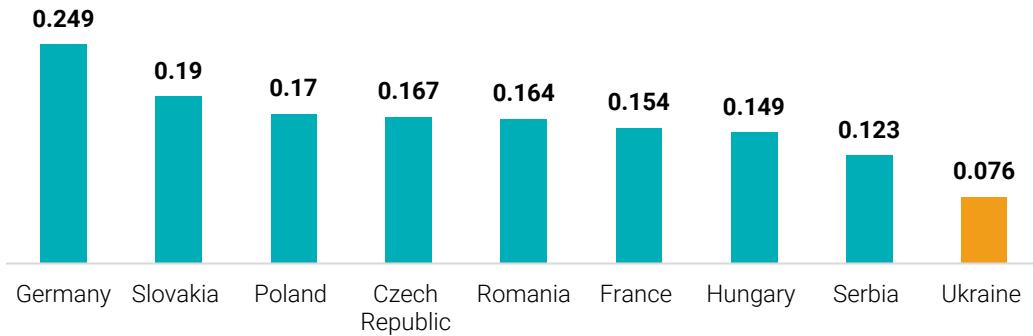
0 – the most affordable
100 - the most expensive

WHY TO INVEST IN UKRAINE

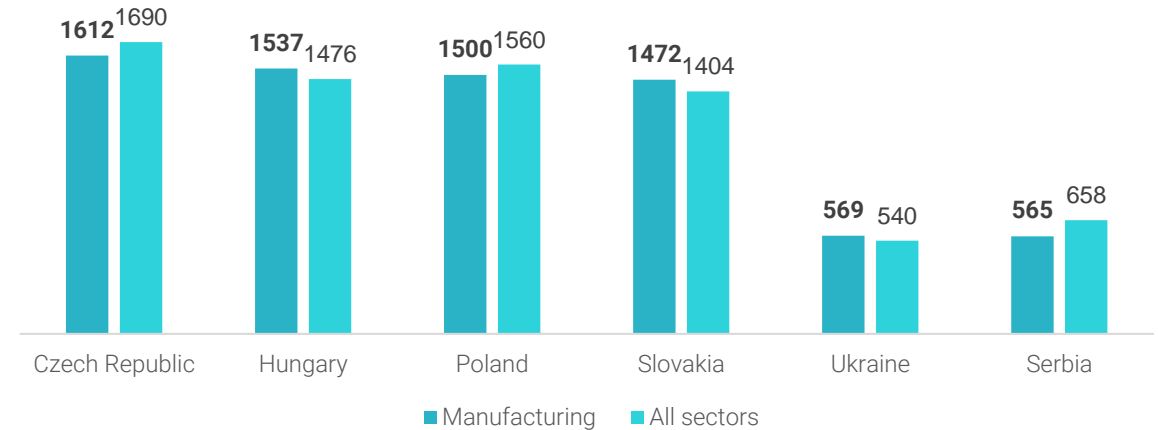
6.2 Opportunities of operating costs optimization

Cost of doing business

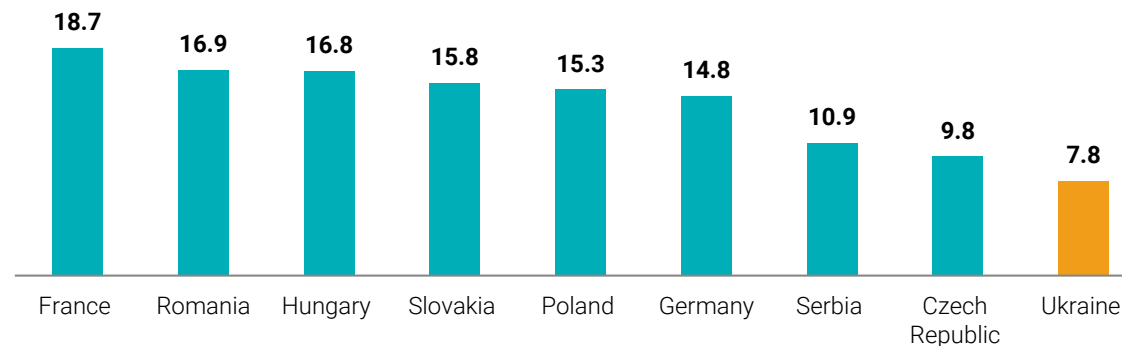
Electricity cost for a large non-household consumers, in USD/per KWh, 2022



Average monthly wages, in USD, 2021



Gas cost for a non-household consumers, in USD/ per Gigajoule, 2022



SOURCE:
Eurostat

* All tax included

WHY TO INVEST IN UKRAINE

7.1 Advanced IT sector

GDP share
4%

R&D centers
>85

IT specialists
>240 000

Unicorns with Ukrainian roots

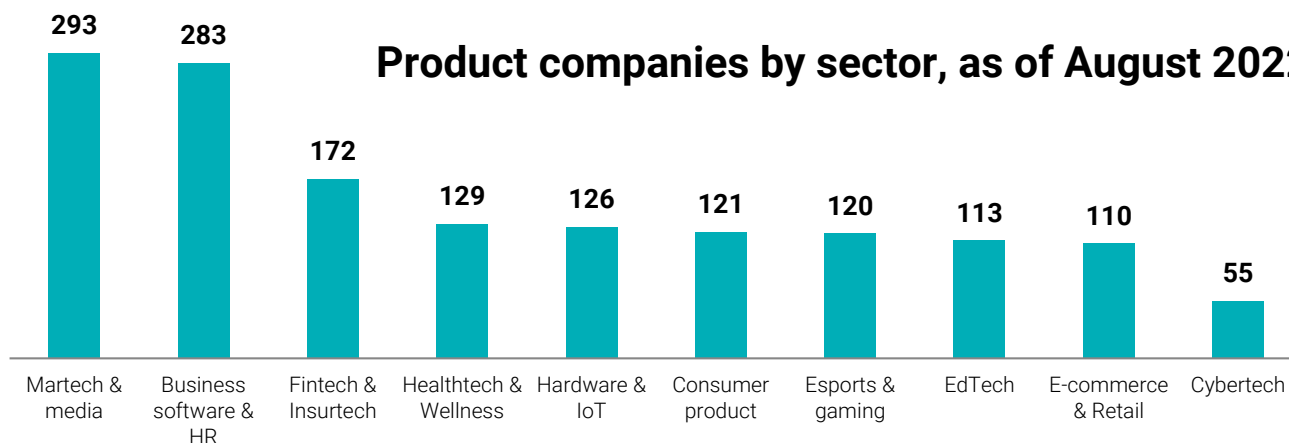
Grammarly, GITLab, BitFury,
People.ai, Airslate

Despite the war, the IT industry continues to show record-breaking performance. The export volume of computer services for the first half of 2022 is 3.74 billion dollars, which is 23% more than for the same period of the previous year. According to the forecasts, in 2022 the IT sector in Ukraine expects more than 8.5 billion USD in export revenue, i.e. 23% annual growth.

The IT sector continues to show resilience and has optimistic forecasts for the future. According to the results of the IT Resilience study, about 65% of companies recorded a positive financial result, while 13% of them had an increase in revenues by 25-50% compared to the same period last year. 85% of companies have fully resumed their activities.

All this testifies to the resilience and adaptability of the IT industry and the high level of professionalism of employees, as the work goes on during intense hostilities, the ever-present danger of air attacks and stress.

Product companies by sector, as of August 2022



SOURCE:

State Statistics Service of Ukraine
techecosystem.gov.ua

WHY TO INVEST IN UKRAINE

7.2 Investment opportunities in IT

Ukrainian Startup Fund (USF)

State-owned fund is one of the largest angel investors in Ukraine. The mission of the fund: to promote creation and development of technology startups in Ukraine at an early stage in order to increase their global competitiveness.

USF provides financial support to startups in the early stages in the form of grants, as well as creates additional opportunities for startups to incubate, accelerate, and receive other types of support.

3700+

applications

160+ mln UAH

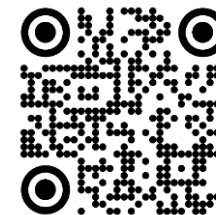
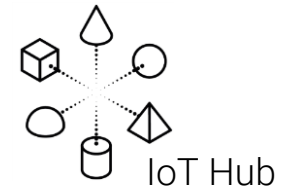
grants

229+

startup financed

SOURCE:
Ukrainian Startup Fund

Ukrainian accelerators



USF startups catalog

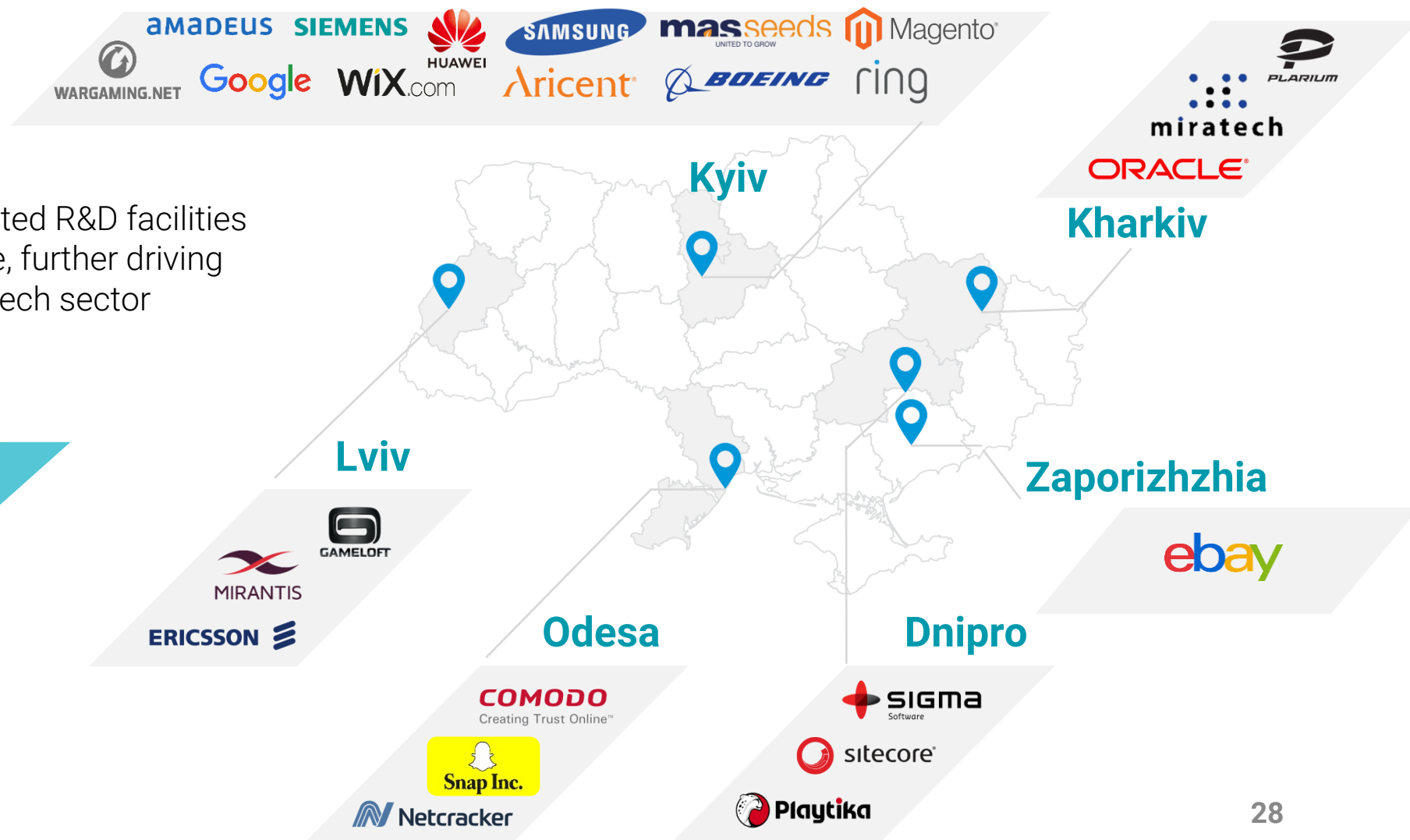
WHY TO INVEST IN UKRAINE

8. Developing R&D ecosystem

100+
global players

have located R&D facilities
in Ukraine, further driving
the high-tech sector

Ukraine emerges as
a global R&D hub



WHY TO INVEST IN UKRAINE

9.1 Incentives for large projects

State support for investment projects with significant investments in Ukraine



5-year corporate
income tax (CIT)
exemption



Value-added tax (VAT)
exemption for import of
new equipment and
components to it



Exemption from import
duty of new equipment
and components to it



Construction of **related
infrastructure**
(highways, communication
lines, utilities etc.)

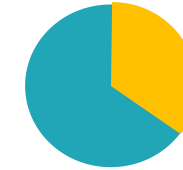


Lease of state or
communal **land plots**
without auction



Land tax exemption / lower
land tax rate

SCOPE OF STATE SUPPORT



**up to 30%
CAPEX**

PROJECT REQUIREMENTS

20+ mln EUR investments
80+ jobs to be created

Eligible industries:

- processing industry
- extraction for the purpose of further processing and/or enrichment of natural resources (except hard coal, lignite, crude petroleum, natural gas)
- waste management
- transportation
- warehousing
- postal and courier activities
- logistics
- education
- R&D
- healthcare
- arts and culture
- sports
- tourism
- hospitality

WHY TO INVEST IN UKRAINE

9.2 Incentives for industrial parks

As of September 2022, the Ministry of Economy is working on the development of relevant bylaws to launch the system of state support for industrial parks.



Full or partial **compensation of interest rates** on loans



Non-refundable financing for the arrangement of industrial parks and/or construction of related infrastructure



Compensation for **connecting to engineering grids**



Exemption from real estate tax for industrial buildings



10-year **CIT exemption**



Favorable land tax rates by decision of local governments



Exemption from **import duty** of new equipment



VAT exemption for import of new equipment

WHY TO INVEST IN UKRAINE

Diia City

9.3 Incentives for IT industry

DIIA CITY REGIME



Special taxation regime for Diia City residents

- 9% of withholding tax instead of 18% of CIT
- 5% of PIT (instead of 18% of PIT and 1.5% of military tax)
- 0% of withholding income tax of an individual received as dividends, if not distributed for 2 or more years etc.



Flexible forms of employment

- More favorable employment practices, including certain aspects of freelance employment model (commercial contracts, Gig-contracts)



Better IP rights protection for IT companies

- IP rights for an object created by the gig-specialist shall belong to the Diia City resident



Access to legal elements of common law system

- Convertible loans mechanism
- Liquidation preferences
- ESOP mechanisms
- Warranties and indemnities regulations etc.

REQUIREMENTS FOR ENTERING

- **9+** employees and/or gig-specialists
- **EUR 1 200+** average monthly salary
- **90%** of IT company's total net income obtained as a result of IT activities
- **Eligible industries:**
 - software development and testing, including games
 - publishing and distribution of software, including SaaS
 - teaching computer literacy, programming, testing, software technical support
 - digital marketing and advertising via software developed by Diia City residents
 - R&D in IT and Telecom
 - cybersport
 - providing services related to the virtual assets flow etc.

While martial law is in force, companies will not be deprived of the status of residents of Diia City, even if they do not meet the above criteria

WHY TO INVEST IN UKRAINE

9.4 Incentive for e-transport industry

Temporary CIT (Companies Income Tax) exemption (till 2036) for legal entities that conduct solely business activity of production and sale of electric motors, lithium-ion (lithium-polymeric) batteries, their charging devices, electric transport, other eco-transport, tram and metro cars

Temporary VAT exemption (till 2026) for import and sale on the territory of Ukraine of electric and eco-vehicles

Temporary VAT and customs duty exemption (till 2031) for importing goods by the legal entities that conduct or plan to create/modernize their production for industrial production of electric vehicles, eco-transport, trams and metro cars






THE AMOUNT OF CIT EXEMPT

can only be used for purposes of R&D activities, creation or re-equipment of factories material and technical base, increasing the volume of production

WHY TO INVEST IN UKRAINE

9.5 Incentives for aircraft manufacturing

-  temporary **exemption from VAT and customs duties** (until 2025) of operations on import of goods for the aircraft industry
-  temporary **VAT exemption** (until 2025) of supply of the results of R&D works for the needs of the aircraft industry
-  **0% VAT** of operations on the sale of products (services) produced by enterprises at the expense of the State Budget of Ukraine

For more information please visit [UkraineInvest's website](https://ukraineinvest.gov.ua/)

WHY TO INVEST IN UKRAINE

9.6 Incentives for SME and agriproducers

State program “Affordable loans 5-7-9%”

For SME and agriproducers

- **Purpose:**
 - increase in production volumes
 - exports, import substitution
 - high-tech production and introduction of innovations
 - creation of new jobs and enterprises
 - return of migrant workers to Ukraine etc.
- **60 mln UAH** maximum amount of loan
- **3, 5, 7 or 9%** of interest rate
- up to **5 years** program duration

During martial law

- **Purpose:**
support business activity during martial law, thus also meeting the needs of the armed forces and/or the population (production of significant for society goods, investments into the critical infrastructure, etc.), support relocation, etc.
- **0%** of interest rate (during martial law + 1 month)
- **5%** of interest rate afterwards
- up to **5 years** program duration

For more information please visit [UkraineInvest's website](https://ukraineinvest.gov.ua/).

9.7 More incentives for agribusiness



Forms of state support:

- special budget subsidies, and
- partial reimbursements of the invested costs



Amount of support:

- up to 50% of the investments in construction of facilities and processing enterprises
- up to 80% of the values of breeding animals
- up to UAH 30 000 per farm animal



Supported activities:

- purchase of breeding animals
- construction of grain storage and processing enterprises, livestock farms facilities
- keeping and increase in farm animals

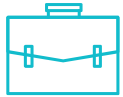


How to apply: during September – November 2022 send applications to the Ministry of Agrarian Policy and Food of Ukraine

WHY TO INVEST IN UKRAINE

9.8 Incentives for business development

State program “yeRobota Program”



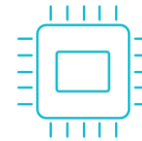
GRANT FOR BUSINESS
up to UAH 250 000



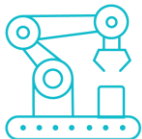
GRANT FOR GREENHOUSE
up to UAH 7 million



GRANT FOR GARDEN
up to UAH 400 000



GRANT FOR IT STARTUP
up to UAH 3.5 million



GRANT FOR PROCESSING INDUSTRY
up to UAH 8 million

WHY TO INVEST IN UKRAINE

10. International companies operating in Ukraine

LEONI



GLENCORE



and many more

WHY UKRAINE MATTERS

Ukraine is rich in mineral resources such as uranium, titanium, manganese, iron, and mercury ores. It ranks fourth in the world when it comes to the total value of natural resources, with 22 trillion cubic meters of shale gas reserves and 33.9 billion of coal reserves.

More importantly, it is highly industrialized and is among the top global manufacturers of rocket launchers, steel products, and locating equipment as well as one of the world's largest exporters of iron, nuclear power plant turbines, defense industry products, ores, and concentrates.

In addition, Ukraine is the leading country in terms of export of: sunflower seed, wheat, barley, soy beans, chicken meat.

WHY UKRAINE MATTERS

Supply chain disruptions

REGIONS HIGHLY DEPENDENT ON UKRAINIAN EXPORT, BASED ON 2021 DATA

Regional dependency on Ukrainian export	Europe		Middle East		Asia	
	CEE	Black Sea	GCC	North Africa	South	South – East
Over 15%	Iron ores			Cereals		
10-15%	Animal and vegetable fats, Vegetables	Cereals, fertilizers, Iron and steel	Animal fats		Cereals	
5-10%	Iron and steel, Wood sawn	Articles of steel, Wood sawn, Railway locomotives	Cereals, chicken meat		Oil seeds, Animal and Vegetable fats	Cereals
Total volume of disruption at tier-1 (mln USD)	6.658	7.435	852	2.380	2.806	1.279

TOTAL POSSIBLE DISRUPTION OF SUPPLY CHAIN

- 21 bln USD worth of supply at tier-1 Ukrainian suppliers for chosen regions
- Ukraine provides food products to over 400 mln people worldwide

Outcomes:

Most of emerging markets in North Africa, Central and Eastern Europe, and South-East Asia are highly depend on Ukrainian critical agricultural and metallurgical products, which directly influence food security and core economic activities.

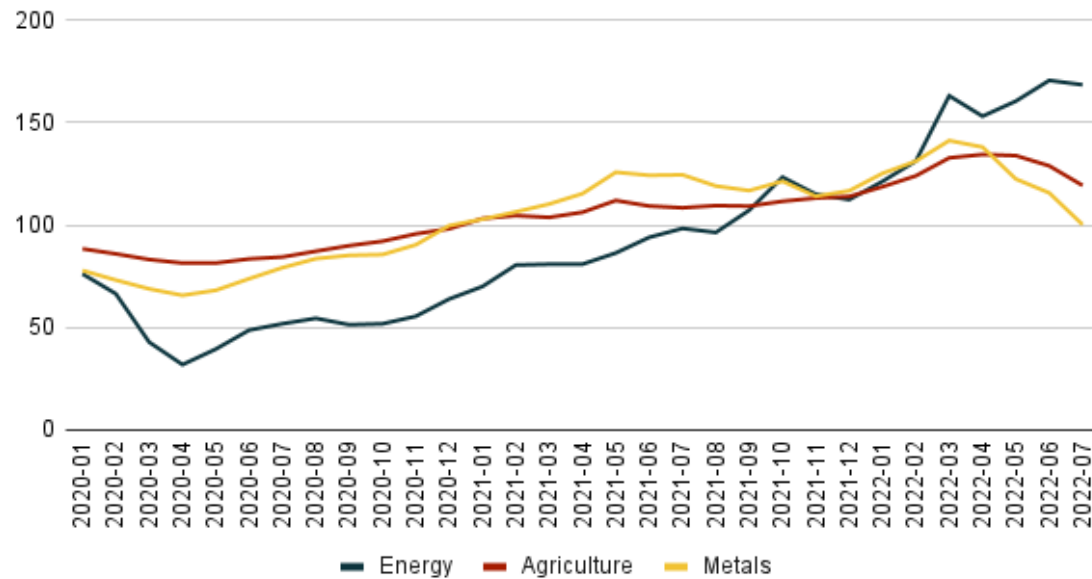
The majority of European manufacturers experiencing severe disruption in the supply chain of metal products from Ukraine and faces the necessity to increase the price for the final consumers, as well as the time of the delivery.

15% of the European automotive output are at risk because of the lack of wire harness produced in Ukraine.
Ukrainian companies supply over 70% of the world neon gas used for production of semiconductors.

WHY UKRAINE MATTERS

Commodities markets

Commodities indexes, Jan 2020 – Jul 2022



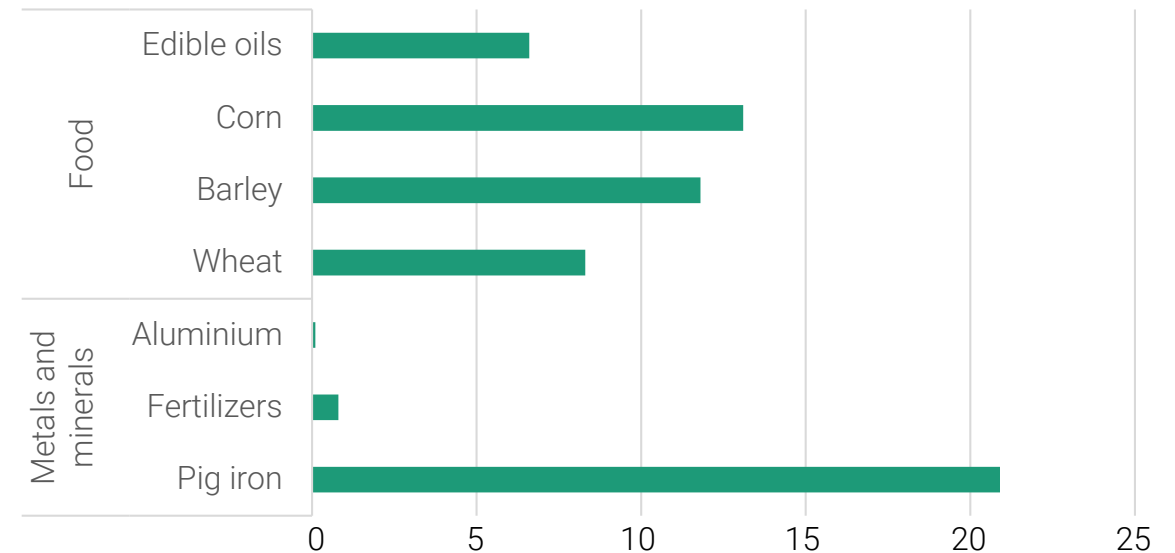
Energy prices

In July 2022, the energy prices index fell by no more than 2%, still remaining significantly higher than the same period in 2022 (the energy price index was 168% in July 2022). The decline was mostly driven by the price decrease of crude oil, although European natural gas gained more than 50% of its price.

Non-energy prices

The non-energy sector price index fell by almost 9%. That was mostly driven by the stabilization of the agricultural global market, which results in agricultural prices dropping by 7.4%. The same situation could be seen in the metal market, as prices plunged by more than 13%. It is explained by the price decrease from historically high levels in previous months.

Ukraine's global export share, in %



Outcomes:

Unprecedented increase in commodities prices and shortage of the key raw materials severely affects most of industries of the global economies, increasing production and operational costs. Thus, there is a broader increase in inflation, affecting both producers and consumers.

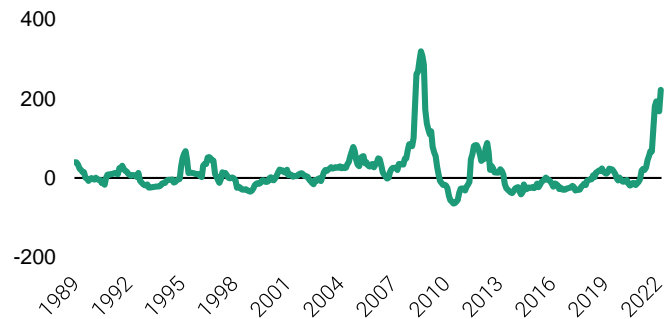
Forecast:

The World Bank forecasts that most commodity prices are expected to be sharply higher than in 2021 and hardly recover to the past 5-year levels till 2023-24. Commodity prices are expected to continue going up in 2022, the forecast suggest that energy price would gain +50% and non-energy prices +20%.

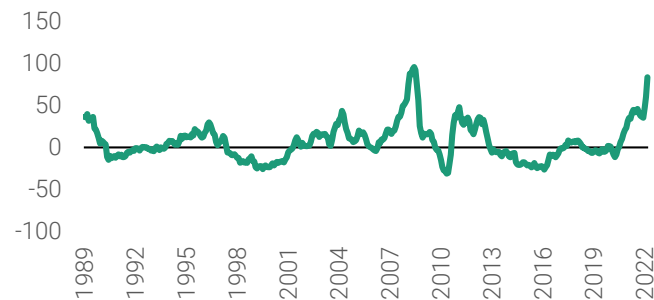
WHY UKRAINE MATTERS

Food security

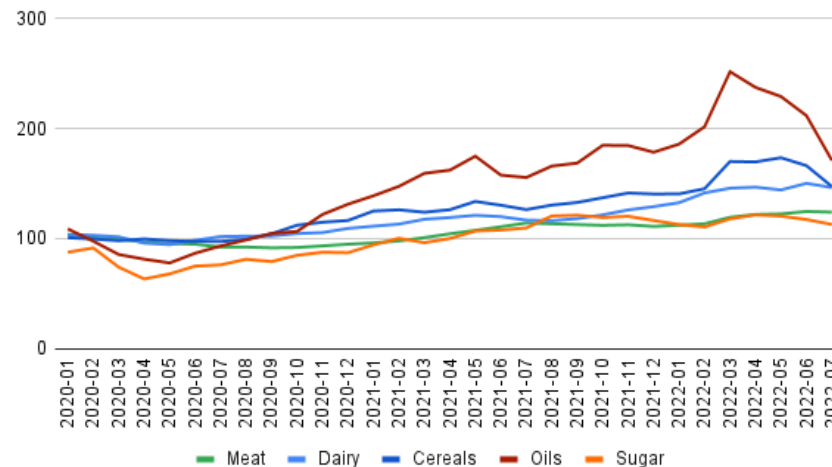
Fertilizers price, % change



Food price index



FAO food price index components, %, Jan 2020 – Jul 2022



After record growth, global food commodity prices continue to decrease over the course of the last 4 months. The most significant reduction was in July as Ukraine restarts exports.

That results in a slight recovery of the global commodity prices, and a decrease in uncertainty. Further restoration of the blocked trade routes of Ukrainian export products could significantly recover shocks to the global markets.

Ukraine is the breadbasket of the world

Ukraine is the leading country in terms of export of: sunflower seed, wheat, barley, rapeseed, soy beans, chicken meat. Furthermore, Ukraine is one of the main food exporter to a number of countries, including Moldova, Lebanon, Pakistan, India, Qatar.

Fertilizers crisis

The global fertilizer market was already under a severe stress before the war, pushing some fertilizers prices to their highest level since 2010, whereas now prices are more than doubled (+213%). Shortages in fertilizers could lead to reduced agricultural yields and production, particularly in EMDEs.

Food prices are historically high

The U.N. Food and Agriculture Organization's (FAO) Food Price Index indicates a decrease in the prices. The Index averaged 140.9 points in July, down 8.6% from June, but remained 13.1% higher than in July 2021.

HOW TO SUPPORT UKRAINE

UNITED24 was launched by the President of Ukraine Volodymyr Zelenskyy as the main platform for collecting charitable donations in support of Ukraine. Funds will be transferred to the official accounts of the National Bank of Ukraine and allocated by assigned ministries to cover the most pressing needs:

- Defense and demining
- Medical aid
- Rebuild Ukraine



u24.gov.ua

UNITED24

**REBUILDING
UKRAINE**
with the private sector

INVESTMENT PROJECTS

UkraineInvest
Your Investment Matters



Agro food tech cluster

AGRICULTURE



KEY PROJECT HIGHLIGHTS

The establishment of Ukraine's unique center of breakthrough technologies synergy in the field of the agro-food industry.

OPPORTUNITIES

The park's infrastructure and technological capabilities will provide the entire chain from idea to sale of the finished product:

- Business accelerators;
- Technological innovation kitchen;
- Test production;
- Mass production;
- Warehousing and transport logistics;
- Organization of sales and export

FORMAT

Industrial technopark equipped with production and technological equipment, near

- LVIV (Hrushev) - Production&logistic
- IVANO-FRANKIVSK - Corn Cluster
- VINNYTSIA - Innovation&Production

\$300 mln
\$1 bln

Total investment amount, mln USD

7
years

PAYBACK PERIOD

4 years

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Type of required investment: loan/equity/mixed

Corn Processing Plant



KEY PROJECT HIGHLIGHTS

Production capacity of 100,000 tons / year:

- L-Lysine Sulfate - 70%,
- Embryo, Cellulose, Gluten - 30%.

The plan includes:

- reconstruction of the plant
- launching of a line for the reception and storage of corn grain
- installation, commissioning and launching of a technological line for the production of corn starch.

FINANCIAL DETAILS

- IRR - 15%
- NPV – USD 52,7 mln
- EBITDA margin – 30 %

AGRICULTURE

\$150
mln

**Total investment
amount, mln USD**

Amount of own investment in
the project, mln USD

\$60 mln

7 years

PAYBACK PERIOD

2 years

**PROJECT
IMPLEMENTATION
PERIOD (time to launch
of operations)**

Type of required investment: loan, equity

Greenhouse economy

AGRICULTURE

KEY PROJECT HIGHLIGHTS

- The complex is located on several owned land plots of 3.7 hectares in total. Land is located in the industrial area of Novi Petrivtsi village (Vyshgorod district, Kyiv region). Current total cultivated area is – 1,440 sq. m. Total monthly capacity is around 40 thousand plants.
- Key products: green basil, lettuce, salad set (oak leaf + frisee), frisee. Products are mainly sold in Kyiv based retail chains: Novus (including private label), Megamarket, Fozzy, Lotok and Salateira. It makes 41 points of sale in total. Plans to expand supplies to other retail chains: Metro, Silpo, Fora, Auchan, Ecomarket, Billa, and nearby regions. But the current production capacities are not enough to accommodate supplies.
- Project strategy is to build up production capacities to lower the share of overhead costs in expenses. It is also planned to scale up production and supplies to retail chains. Over six years the cultivated area is to be expanded up to 16,2 thousand square meters of greenhouses, and monthly production of salad greens is to be ramped up to 547 thousand pieces.

FINANCIAL DETAILS

- EBITDA 27%
- ROI 368,2%
- PBP 6 years
- NPV 11,8 mln USD

\$2 mln

60%

4-6 year

PAYBACK PERIOD

Total investment amount, mln USD

Amount of own investment in the project

12 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Ownership: Private

Project status: Looking for cofinancing

Cattle Growing and Slaughter House

AGRICULTURE



KEY PROJECT HIGHLIGHTS

- The development of a complex for raising, slaughtering and processing of cattle for beef sales for the domestic and foreign markets.

The plan includes:

- To increase the herd level from 1 200 to 20 000 cows of premium genetics to raise 5 000 bulls per year that will provide marble meat ready for export.
- To build the slaughterhouse and refrigeration with capacity of about 4,000 animals per month.

FINANCIAL DETAILS

- IRR – 25,2%
- EBITDA for the entire period – USD 128,4 mln
- ROI – 137%

\$44 mln

Total investment amount, mln USD

\$19 mln

Amount of own investment in the project, mln USD

6 years

PAYBACK PERIOD

2 years

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Type of required investment: equity or mixed

Construction the first black pellet plant in Ukraine

ENERGY & WASTE MANAGEMENT

KEY PROJECT HIGHLIGHTS

- is creating an alternative biofuel which is accepted as carbon neutral and can be used as a direct replacement for coal in power production
- is using a technology to produce, from waste wood, a high quality biofuel with similar properties to coal.

Plant specification: Production of 72,000 tons black pellets per annum (10 tons/hour capacity)

Location: Western part of Ukraine, desirable next to a forest, with reforestation potential

FINANCIAL DETAILS

- IRR – 30+%
- NPV – estimated \$110 million USD
- EBITDA – margins of +30% are expected - 8500 USD per annum
- ROI – 22% (more accurately stated when full inputs known)

\$40 mln

Total investment amount, mln USD

7 years

PAYBACK PERIOD

2 years

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Type of investments: mixed (loan + equity)

Ownership: Private

Project status: Pre-FS

Production of dairy products

AGRICULTURE

KEY PROJECT HIGHLIGHTS

- There is an industrial enterprise for processing milk on the territory of the community, which has the necessary permits, infrastructure and engineering network, with a capacity of up to 10 tons per day. Currently, the company is not working.
- The amount of milk produced by farmers in the community ranges from 5 to 10 tons per day.
- The main tasks of the project:
 - restoration of the milk processing plant on the territory of the community;
 - creation of new jobs and employment of the rural population;
 - provision of high-quality dairy products to residents of Dnipropetrovsk and Donetsk regions.
- Project goals:
 - development of production of domestic milk and processed products;
 - increase in the number of dairy cows;
 - support of the rural population through the milk cooperative movement;
 - promotion of intensification of milk production technology and introduction of new production technologies of ecological dairy products;
 - bringing new ecological dairy products to the markets of domestic trade networks;
 - export of finished high-quality products;
 - introduction of modern dairy farming technologies;
 - energy saving and production of energy from biofuel on dairy farms.

FINANCIAL DETAILS

- EBIDTA \$ 10,8 mln
- ROI - 120%
- NPV - \$1,1 mln

Type of investments: credit, creation of a joint venture

\$7.6 mln

Total investment amount, mln USD

\$2.1 mln

Amount of own investment in the project

5 years

PAYBACK PERIOD

11 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Ownership: Private

Production of agricultural drones

AGRICULTURE

KEY PROJECT HIGHLIGHTS

- Exclusive representation of the manufacturer of agricultural drones in Ukraine for sales, service and provision of services to the agricultural sector for the application of plant protection products (PP) and microfertilizers. Expansion of the number of crews (from 9 crews - 18 drones to 50 crews - 100 drones) for drone services in agriculture. Creation of a network of representative offices for the sale and service of drones for the agricultural sector, construction, energy security. The goals of the project are to create an agro fleet of drones for the provision of services for the application of chemical fertilizers and microfertilizers - a minimum of 100 drones. Processing of agricultural fields - 1,000,000 ha per year.

FINANCIAL DETAILS

- ROI 35%

Type of investments: credit

\$2.5 mln

Total investment amount, mln USD

\$0.2 mln

Amount of own investment in the project

8 month

PAYBACK PERIOD

4 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Ownership: Private

Production of corn biodegradable tableware and packaging

AGRICULTURE

KEY PROJECT HIGHLIGHTS

- It is planned to select, purchase, install and adjust a line for the production of disposable biodegradable tableware made of polymer based on corn starch. Also selection and testing of raw materials, rent of production premises, communal services and payment of labor of employees (7-10 people) in the first month of operation of the enterprise.
- Project goals:
- Increase in turnover to 100,000 - 200,000 USD per month;
- Expansion of the client base due to the production of new products to order at our own facilities;
- Reduction of the production cost, as well as its value for the final consumer;
- Increase in tax revenues to the local budget;
- Entry of the Ukrainian product to the European market, which will ensure the flow of foreign exchange earnings to Ukraine (there are already requests for products from European buyers)
- Providing the Armed Forces with biodegradable tableware, which is very important in today's realities. We then have to clean and cultivate this land, and now, unfortunately, we pollute it every day.

Type of investments: reverse investments

\$0.5 mln

\$1 mln

4-6 years

PAYBACK PERIOD

Total investment amount, mln USD

Amount of own investment in the project

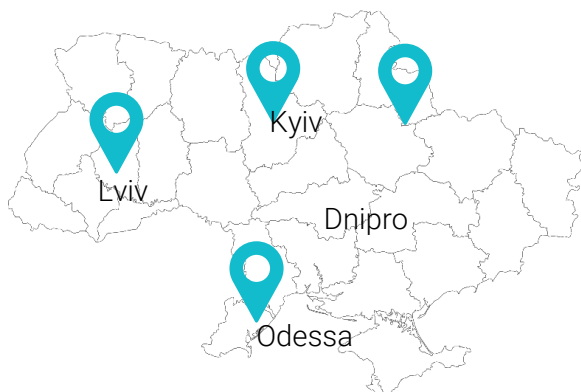
9-15 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Ownership: Private

Logistics Hubs cluster

TRANSPORT & LOGISTICS



KEY PROJECT HIGHLIGHTS

The project for the construction of 700 000 m² of logistics hubs
Logistics A-class warehouse complexes, equipped with new technological equipment near

- KYIV 400 000 m²
- LVIV 150 000 m²
- DNIPRO 50 000 m²
- ODESA 100 000 m²

OPPORTUNITIES

- New technologies for heating (heat pumps) and electricity (solar energy)
- Full cycle of waste processing and disposal
- Electric charging stations for vehicles on the territory of each Hub
- Complex infrastructure for operation, such as service stations, hostel, recreation areas for staff

\$450 mln

Total investment amount, mln USD

7
years

PAYBACK PERIOD

1 year

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Type of required investment: loan/equity/mixed

Construction of the logistics center in Kyiv Region

TRANSPORT & LOGISTICS



KEY PROJECT HIGHLIGHTS

The construction of the company's own logistics center in the Kyiv region with the total area of 70,209.6 sq.m, with following structure:

- Warehouses - 59 393.5 sq. m;
- Offices - 1 816.1 sq. m;
- Mezzanine space - 9 000 sq. m.

FINANCIAL DETAILS

- IRR - 11,5%
- NPV – 1,473 thd USD
- EBITDA in year 5: 8 452 ths USD
- EBITDA in year 10: 9 291 ths USD

\$34 mln

Total investment amount, mln USD

\$14 mln

Amount of own investment in the project, mln USD

7 years

PAYBACK PERIOD

1,5 years

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Type of required investment: loan

Manufacture of carts for the 1435 mm rail

TRANSPORT & LOGISTICS

KEY PROJECT HIGHLIGHTS

- The project for the manufacture of carts for the 1435 mm rail track. Rearrangement of wagons - replacement of wagon bogies of freight or passenger railway wagons to ensure non-reloading or direct rail traffic on railways with different gauges. The railway car is lifted with special jacks, after which the car bogies of one gauge are rolled out, and the bogies of another gauge are rolled in their place. In the case of a transition between 1520 and 1435 mm gauges, the movement of the bogies is carried out along the same transition track with a 1520 mm gauge with counter rails holding the 1435 mm bogies by the inner surface of the flanges of the wheel sets from derailing. The path of 1520 mm directly turns into 1435 mm at the exit from the exchange point, gradually narrowing.

\$3 mln

10%

1 year

PAYBACK PERIOD

Total investment amount, mln USD

Amount of own investment in the project

3 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

FINANCIAL DETAILS

- EBITDA USD 812 071.43
- ROI 60%
- NPV USD 1052.68
- IRR 17 %

Type of investments: mixed (loan + equity)

Ownership: Private

Project status: in progress

TEF for testing self-driving vehicles and innovative technologies

TRANSPORT & LOGISTICS

KEY PROJECT HIGHLIGHTS

Setting up the Test and Experimentation Center (TEF)
- a world-class reference site for testing autonomous driving systems, infotainment and navigation systems, and robotics.

Purposes:

- testing of automated transport systems, "smart" roads, communication technologies between vehicles and road infrastructure, including crisis conditions (bad weather, lack of road markings, etc.);
- creation of a research center for the development of autonomous driving technologies;
- popularization of Ukraine as a platform for development and testing of modern innovative solutions.

Task:

Launch of a pilot project to test an unmanned car in cooperation with world and Ukrainian leaders in automotive IT.

\$0.5-1.0
mln

Total investment amount, mln USD

2 years

PAYBACK PERIOD

1 year

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Type of investments: mixed (loan + equity)

Ownership: Private

Construction of a float-glass factory

CONSTRUCTION & BUILDING MATERIALS



KEY PROJECT HIGHLIGHTS

- Glass plant with a production capacity of up to 750 tons of glass per day
- The mission of the production is to provide the Ukrainian market and the need of the world community for a quality product of glass production

Financial Details

- IRR – 10%
- NPV – €30,2 mln
- EBITDA margin – 31%

Stage of Implementation

- Search for investments;
- Preparatory work of the building site;
- Choice of local building company;
- Construction of buildings and structures;
- Purchase and manufacture of technological equipment;
- Determination of the optimal raw material base and labor market;
- Supply of energy carriers;
- Supply and installation of equipment;
- Production tests

€195 mln Total Investment Amount

€19,5 mln Amount of own investment in the project

4 years

PAYBACK PERIOD

2 years

PROJECT IMPLEMENTATION TERM
(time before the start of operation)

Type of investment required:

- Investment funds - 90%
- Own investments - 10%

Construction of the modern bricks factory

CONSTRUCTION & BUILDING MATERIALS

KEY PROJECT HIGHLIGHTS

- Construction of the modern bricks factory. The project provides involves construction of a brick production plant with a planned capacity of 120,000 thousand bricks per year (produced in the form of: porous blocks of 10,800 thousand pieces (equivalent to 90,000 thousand units of conventional bricks) and 30,000 thousand pieces of clinker bricks) and ventilated facades with an annual output of 350 thousand square meters.

\$118 mln

Total investment amount, mln USD

5%

Amount of own investment in the project

6,9 year

PAYBACK PERIOD

36 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

FINANCIAL DETAILS

- NPV - USD 171 726 305
- IRR - 11%
- EBITDA margin - 39%
- DPP - 11,7 years
- NPV - USD 71 961 499

Ownership: Private

Project status: FS

Construction of multifunctional complex in Uzhhorod

CONSTRUCTION & BUILDING MATERIALS

KEY PROJECT HIGHLIGHTS

The construction of multifunctional center with business infrastructure for the IT industry and an environment for living, education and recreation in the Uzhhorod with the total area of 39800 sq.m, with following structure:

- IT office space - 12000 sq. m;
- Innovation Labs Complex - 5000 sq. m;
- Apartments - 16000 sq. m;
- Hotel - 4800 sq. m.;
- Wellness zone – 2000 - sq. m.

\$45 mln

Total investment amount, mln USD

\$5 mln

Amount of own investment in the project

5 years

PAYBACK PERIOD

1,5 years

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Type of investments: equity

Ownership: Private

Processing of the materials (bricks, concrete, asphalt etc) after distruction of the buildings.

CONSTRUCTION & BUILDING MATERIALS

KEY PROJECT HIGHLIGHTS

- Processing of the materials (bricks, concrete, asphalt etc) after distruction of the buildings and further utilization of the processed materials in new construction.

€26,7 mln

Total investment amount

1 year

PAYBACK PERIOD

3-5 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

FINANCIAL DETAILS

- 200 000 t, 40 buildings (9-story), 4 months after start
- IRR – 4,3 proc.
- NPV – 1 256 320 Eur
- EBITDA – 3,34 mln. Eur
- ROI – 11,16 proc.
- C/B (cost/benefit) – 1,03

Ownership: Private

Project status: in progress

Production of gypsum based construction mixes

KEY PROJECT HIGHLIGHTS

- Development of fabric for production of gypsum-based construction mixtures.
- Located directly on the gypsum deposit.
- The capacity of the project is 60,000 tons/year (5% of the Ukrainian market)
- Gipsfabrik Group is a manufacturer of gypsum based construction materials, launched first production in 2019.

FINANCIAL DETAILS

- IRR – 36%
- NPV – 1,7 mln USD
- EBITDA margin – 31,5%

PROJECT STATUS:

- Project plan and feasibility
- The workshop for the production of construction mixtures - implemented
- Raw gypsum production workshop - to be implemented

\$5,7 mln

Total investment amount, mln USD

\$3,4 mln

Amount of own investment in the project

8,5 years

PAYBACK PERIOD

1 year

PROJECT IMPLEMENTATION PERIOD
(time to launch of operations)

Type of investments: mixed (loan + equity)

Ownership: Private

Modernization of bricks and ceramic blocks production

CONSTRUCTION & BUILDING MATERIALS

KEY PROJECT HIGHLIGHTS

- Modernization of bricks and ceramic blocks production. Construction of tunnel furnace with driers, Transfer from seasonal to year-round work. The existing bricks factory operates 7 months/year. Construction of the new furnace will allow 24/7/365 operation. The company has a permit to use subsoil. Loam mining is carried out on an area of 6.3 hectares. Reserves are estimated at 466.4 thousand square meters. Permit for water use is available.

FINANCIAL DETAILS

- EBITDA USD 812 071.43
- ROI 60%
- NPV USD 1052.68
- IRR 17 %

\$1.8 mln

Total investment amount, mln USD

4 year

PAYBACK PERIOD

12 months

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Ownership: Private

Project status: Business plan, FS

Construction of waste processing (waste to energy)

ENERGY & WASTE MANAGEMENT

KEY PROJECT HIGHLIGHTS

- Construction of waste processing (waste-to-energy) plant in Poltava. Implementation of the project will cover approx 48% of Poltava city heat demand. Electricity production - 55,7 GWttH/year. Decrease of natural gas consumption will equal to 19 mln m3/year. CO2 emission decrease - 38 thd tons/year.

\$92.3 mln Total investment amount, mln USD

8,2 years

PAYBACK PERIOD

3-5 years

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

FINANCIAL DETAILS

- NPV – 22,8 mln USD
- IRR – 12,7 %

Ownership: Municipal

Project status: Pre-FS

Construction of a fast pyrolysis plant

ENERGY & WASTE MANAGEMENT

KEY PROJECT HIGHLIGHTS

- Project for the construction of a fast pyrolysis plant, which makes it possible to produce fuel and energy from waste.
- In the process of processing by the fast pyrolysis method, it is possible to obtain:
 - "Synthetic gas" — 30-90% of the amount of the original substance, which includes the mixture
 - gases from methane and above, hydrogen, oxygen, nitrogen, a small amount of carbon monoxide, (average heat of combustion is 30-65 MJ/m³)
 - High-carbon material (VUM, pyrocarbon) - 10-20% of the amount of the starting material
 - (average heat of combustion is 35-45 MJ/kg)
 - "Synthetic oil" — 10-70% of the amount of the starting substance (average heat of combustion is 30-50 MJ/kg)
 - "Heat energy" — in large quantities, released when molecules break down. Number
- of thermal energy released depends on the type of starting substance.

\$2 mln

Total investment amount, mln USD

1 year

PAYBACK PERIOD

6 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

Ownership: Private

Project status: Pre-FS

Construction of the 50 GWh Gigafactory in Ukraine

MANUFACTURING

KEY PROJECT HIGHLIGHTS

- The construction of the 50 GWh Gigafactory in Ukraine.
- The following information provides a summary of the order of magnitude for 50 GWh facility across key criteria:
 - Cell production (Pouch Cell) – 207,900,200 cell/year.
 - Direct Labor – 2,065 Nos/day.
 - Indirect Labor – 1,908 Nos/day.
 - Facility Cost Estimate (CAPEX) – \$5,769 mln
 - Facility Cost Estimate (OPEX) – \$2,581 mln
 - Revenue From Sales - \$4,725 mln
 - Total area of facility is 376,085 SQM
- Further detail, justification, considerations and insights are shared in the 50 GWh Gigafactory feasibility study.

\$8,241
mln

**Total investment
amount, mln USD**

3,6 years

PAYBACK PERIOD

51 months

**PROJECT
IMPLEMENTATION
PERIOD (time to launch
of operations)**

FINANCIAL DETAILS

- IRR - 24.98%
- NPV – 2,358,450.0 USD
- EBITDA – 47.68% USD
- ROI – 27.33%

Type of investments: equity

Ownership: Private

Expanding production of non-contact engines in Lviv

MANUFACTURING

KEY PROJECT HIGHLIGHTS

- Project envisage expanding existing production of technically new non-contact engines and to create a wider line of such engines
- Mastered the PC 70 alternating current collector motor for the separator at PJSC "Motor Sich. Zaporizhzhia
- DSM 107 and DSM 77 DC collector motor for honey drives at ABV-100 LLC, Kharkiv.
- Mastered for export T9060 collectorless servo motor for automated control systems, customer RIEDL, Germany.

\$0.43 mln Total investment amount, mln USD

3,5 years

PAYBACK PERIOD

1,5 years

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

FINANCIAL DETAILS

- IRR - 20%
- NPV - \$0.658 mln
- EBITDA - \$0.847 mln
- ROI - 53%

Type of investments: loan

Ownership: Private

Modern public electric transport

MANUFACTURING

KEY PROJECT HIGHLIGHTS

- Development and introduction into production of modern public electric transport (low-floor tram, trolleybus) and buses R&D and manufacturing of ecological 12m electric buses for passengers transportation .

\$4.5 mln

60%

20 month

PAYBACK PERIOD

Total investment amount, mln USD

Amount of own investment in the project

29 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

FINANCIAL DETAILS

- NPV - 13,9 mln.USD,
- EBITA - 17,9 mln.USD,
- ROI - 72 %

Ownership: Private

GENESIS ENGINEERING LLC

CONSTRUCTION MATERIALS

KEY PROJECT HIGHLIGHTS

- Construction of the only modern high-tech enterprise for the production of float glass according to EU standards on the territory of Ukraine.
- Production capacity: 510 tons of finished products per day (18 million m² per year based on glass with a thickness of 4 mm).
- Product range: Transparent float glass from 2 to 19 mm thick, colored, tinted, anti-reflective, self-cleaning, energy-efficient and others.
- Sales markets: EU, world market, domestic market.

FINANCIAL DETAILS

- IRR: 11.28%.
- Net present value calculated for 15 years
- NPV: 237.7 mln Euros.

PROJECT STATUS:

- The technical and economic justification is developed.
- The Business Plan is developed
- The plot of land that meets all the requirements of the project is selected
- The key specialists are selected

\$250 mln

60-70%

10 year

PAYBACK PERIOD

Ownership: Private

Total investment amount, mln USD

Amount of own investment in the project, due to the attraction of credit funds after the stage of attracting a partner/investor.

36 month

PROJECT IMPLEMENTATION PERIOD (time to launch of operations)

KEY PROJECT HIGHLIGHTS

- Creation of a line for applying polymers to galvanized sheet steel
- Project capacity of 55,000 tons/year of steel.
- Galvanized sheet steel with a polymer coating is a raw material for the production of modern facade and roofing materials, including sandwich panels and metal tiles.
- Project goals:
 - saturation of the Ukrainian market with galvanized sheet steel with a polymer coating. Currently, there is no modern manufacturer in the country;
 - wholesale and retail trade of steel with various types of coating, production of roofing and facade materials (metal tiles, corrugated board, siding), production of metal packaging;
 - the equipment will make it possible to produce in small batches a wide range of products both in color range and with textured and mechanical properties.

FINANCIAL DETAILS

- NPV 4,5 mln USD
- PI 27 %
- IRR 35%
- EBITDA 16 mln USD

Type of investments: credit line; equity participation

\$9 mln

**Total investment
amount, mln USD**

\$4.2 mln

Amount of own investment in
the project

6 years

PAYBACK PERIOD

12 month

**PROJECT
IMPLEMENTATION
PERIOD** (time to launch
of operations)

Ownership: Private

Your investment **matters**



The Cabinet of Ministers of Ukraine
12/2 Hrushevskoho St., Office 148
Kyiv, Ukraine 01008

+38 098 567 8899
+38 044 256 7832

info@ukraineinvest.gov.ua
ukraineinvest.gov.ua

