



Rebuilding Ukraine with Private Sector



Contents



New opportunities

2 Why invest in Ukraine

3 Why Ukraine matters

4 How to support Ukraine



Foreword



Executive Director, UkraineInvest



On 24 February 2022, the Russian Federation began a large-scale armed aggression against Ukraine, killing peaceful civilians and destroying towns 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 tailored needs emerging as a result of this unprecedented crisis.

Relocation in Ukraine Guide, 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 upcoming victory of Ukraine at all fronts is unequivocal. At UkraineInvest, we strongly believe that further rise of Ukraine is only possible in the event of joint cooperation and support from international businesses and organizations.



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

For 2022 Ukraine is projected to experience large GDP contractions of -35% **as a direct result of the Russian invasion**, destruction of infrastructure, and exodus of its people.

As of June 9, the total amount of direct damage to Ukraine's economy from damage and destruction of residential and non-residential buildings and infrastructure reached \$103,9 billion, or over UAH 3.1 trillion.

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

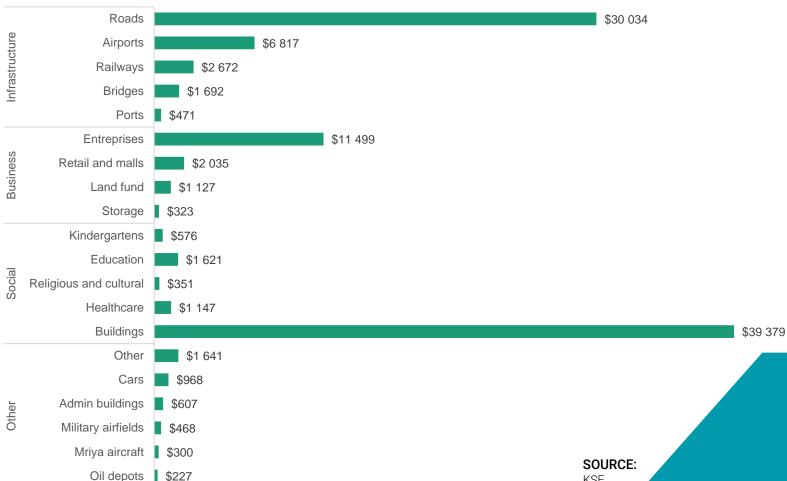




Damages caused by Russian military aggression

(as of June 2022)

Damages of physical infrastructure, mln USD



Overall infrastructure damage

103.9 bln USD

256 businesses 304 bridges 656 medical facilities 198 warehouses 141 religious buildings 668 kindergartens

111 administrative buildings

28 oil depots

11 civilian airports

The full-scale recovery may cost around 600 bln USD

KSE



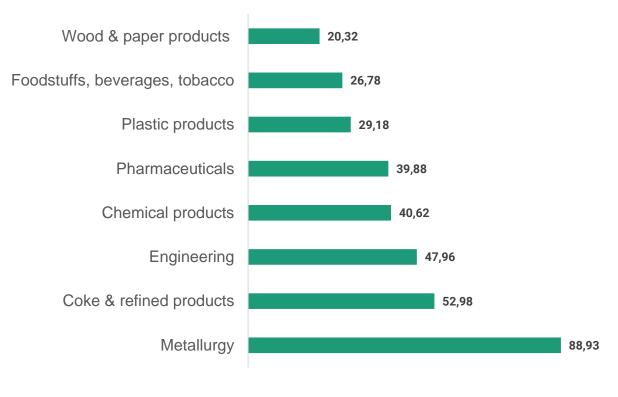
Sectoral damages (potential) caused by Russian military aggression

As far as industry damage is concerned, metallurgy, coke & refined products and engineering are amongst the most severely affected sectors.

The regions fully or partially occupied by Russia are likely **to be excluded** from national value chains to some extent.

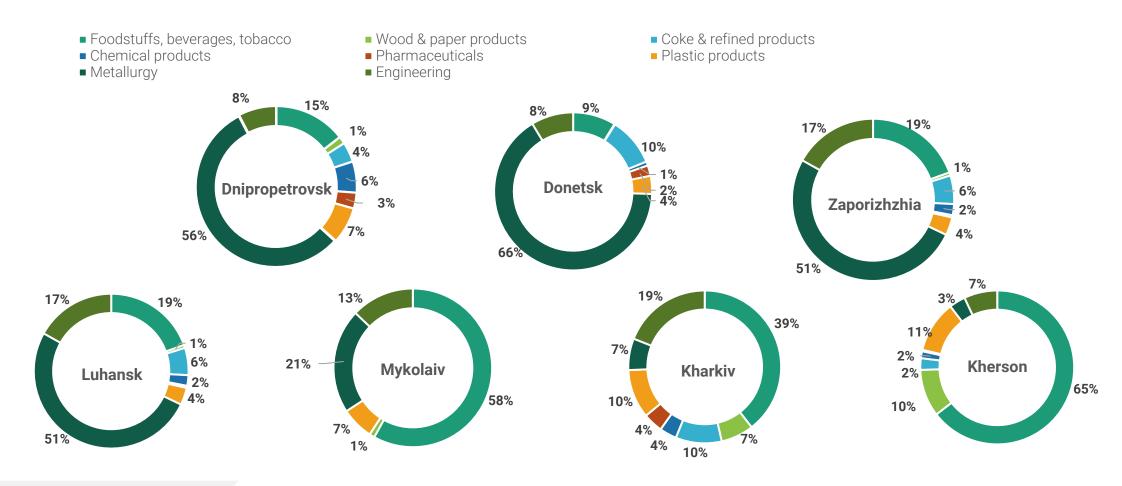
The seven regions that are fully or partially occupied by Russia account for 54% of national manufacturing output.

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





Manufacturing output structure in regions fully or partially occupied by Russian Federation, %





Reconstruction opens vast investment opportunities for building materials producers, logistics and EPC companies. The construction of residential apartments with total area of millions of square meters is one example.

In addition, reconstruction offers a unique opportunity to upgrade Ukraine's productive capacity and **attract** foreign capital in modern technology. This will lay the **foundation** for long-term growth, and **facilitates Ukraine's tighter integration** into the global economy.

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





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 certain projects in damaged cities with support of their governments through peer to peer schemes.

The countries ready to take patronage over cities and regions:



Kviv City and Kviv region



Mykolaiv region

Estonia

Zhytomyr region

Denmark

Mykolaiv city







Donetsk Academic Regional Drama Theater

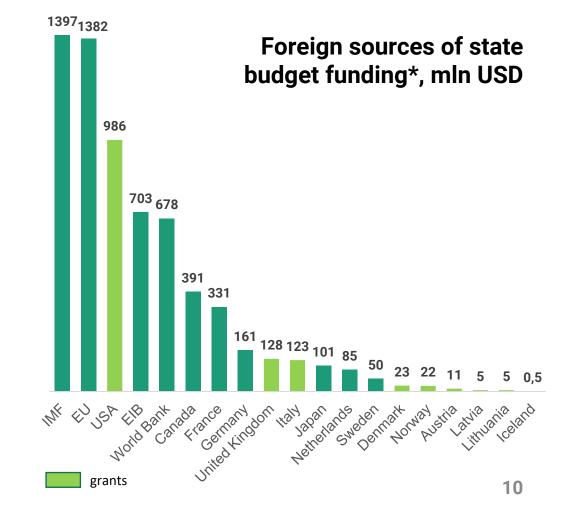
"When each of the partner countries or partner cities or partner companies will have the opportunity - historical one - to take patronage over a particular region of Ukraine, city, community or industry".

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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 should 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 aim is to ensure** a smooth division of **labour** between different partners, avoid duplication and promote synergies, including via joint co-financing of specific projects.



SOURCE:

*Ministry of Finance of Ukraine



Ukraine still has a lot of advantages that make it an attractive investment destination. We believe that there are many reasons to invest in Ukraine.

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 raise the investment attractiveness of Ukraine to a new level.





Ukraine MACRO OVERVIEW

Key Policy Rate

June 2022

Inflation (per annum)

25%

21.5%

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 the hryvnia, raise the attractiveness of hryvnia assets, reduce the 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.

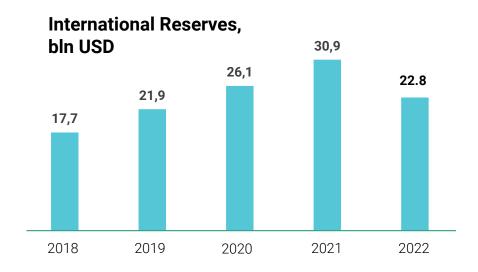
GDP growth 2021

GDP growth forecast 2022

3.4%

- 35%

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.



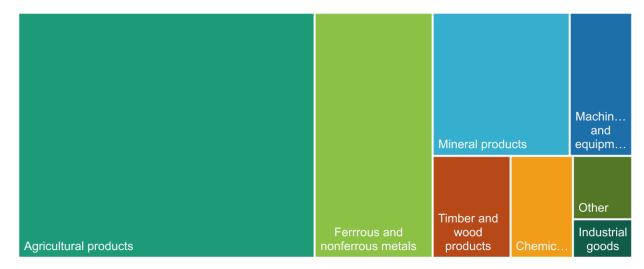
In 2022, the key determinants of international reserves dynamics included NBU transactions in the FX interbank market, public debt management and financial instruments revaluation due to change in their market value and exchange rate fluctuations.



Ukraine Export January – May 2022

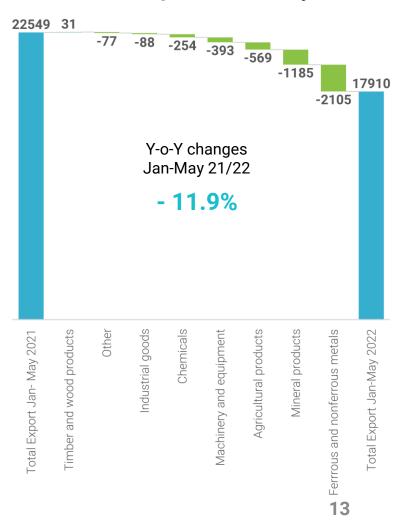
Total export 17 910
Jan-May 2022 USD mln

Export by category, Jan-May 2022



Exports of iron ore and ferrous metals declined because of destruction and conservation of production facilities, as well as **the constraints of shipping services** and a high load of available logistics corridors.

Y-o-Y changes factor analysis





10 reasons to invest in Ukraine

Consumer markets coverage (with 47 countries FTAs signed)

Considerable raw material base

Geographical position advantages

3 Skilled and competitive labor force

Opportunities in various sectors



Opportunities of operating costs optimization



7 AdvancedIT sector



Developing R&D ecosystem



Investment incentive schemes

Lots of international companies already there



1. Consumer markets coverage

Nearly 1 bln consumer market can be reached within 2500 miles distance

448 mln European Union

100 mln CIS (selected)

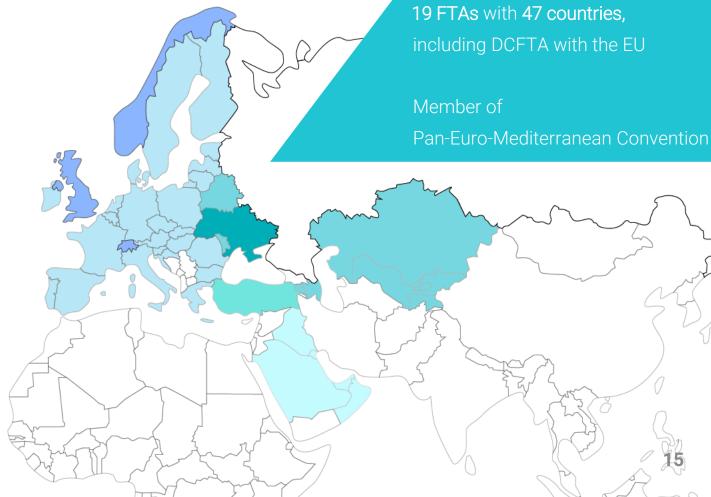
502 mln Non EU

44 mln* Ukraine

EU **suspends** for one year import duties on all Ukrainian exports.

The United States **has** suspended the collection of 232 duties on Ukrainian steel for one year.

*as of 2021



10 hours

Brasilia

20 hours



2. Geographical position advantages

International Ukraine's geographic location makes it an important transit corridor for trade and travel **Transport** between Europe, Asia and the Middle Corridors East. When combined with its other Crossing Ukraine comparative advantages, Ukraine has a potential to become an exclusive Eurasian hub. Gdansk Access to key global business Alexandroupolis hubs (flight hours) Brussels 3 hours KYIV New York / London Washington D.C. Beijing

> 1stanbul 2 hours

9 hours

Sydney

20 hours

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 - Alexandropoulos

INTERNATIONAL TRANSPORT CORRIDOR

Gdansk - Odesa

The road hauliers can reach most major European destinations from Ukraine in two days, which makes Ukraine highly competitive, in particular, with regard to food distribution processes. Whereas the delivery time across Europe is calculated for non-port cities, Ukraine stands out for its capability of delivering goods in a timely and cost-effective manner.

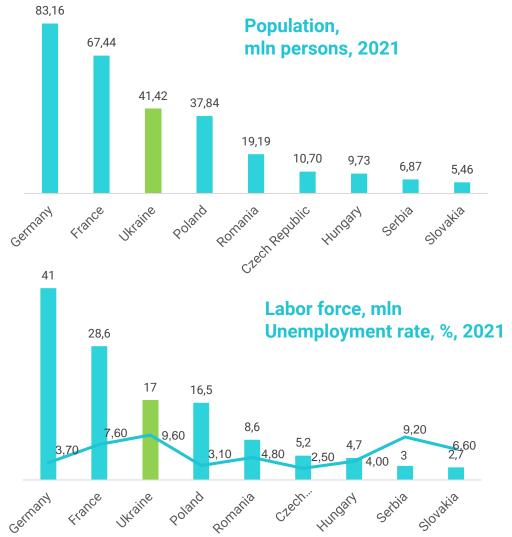


3.1 Skilled and competitive labor force

Globally, Ukraine is acknowledged for its highly skilled **labour** force and good education **as a country with high human development** (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 in search for job and reconstruction process opportunities.



SOURCE:

Eurostat
State Statistics Service of Ukraine

Labor force _____ Unemployment

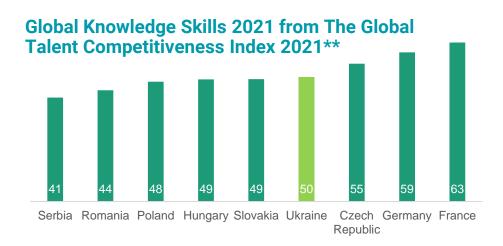


3.2 Skilled and competitive labor force

172 463

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

Ukraine is 21 among 100 countries in The Global Skills Index 2022



SOURCE:

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

^{*}State Statistics Service of Ukraine,

^{**} insead.edu

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3.3 Skilled and competitive labor force

TOP-15 Polytechnic Universities

- National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"
- Lviv Polytechnic National University
- National Technical University Kharkiv Polytechnic Institute
- 4 Dnipro University of Technology
- 5 Kharkiv National Aerospace University
- 6 National Aviation University
- National Metallurgical Academy of Ukraine
- 8 Kharkiv National University of Radio Electronics
- 9 Vinnytsia National Technical University
- Kharkiv National Automobile and Highway University
- 11 Poltava National Technical University
- The National University of Water and Environmental Engineering



Lutsk National Technical University



4.1 Considerable raw material base

Ukraine's mining industry ranks 25th in the world

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

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

thousand

deposits of industrial importance

total output of mining industries

UKRAINE'S PLACE 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:

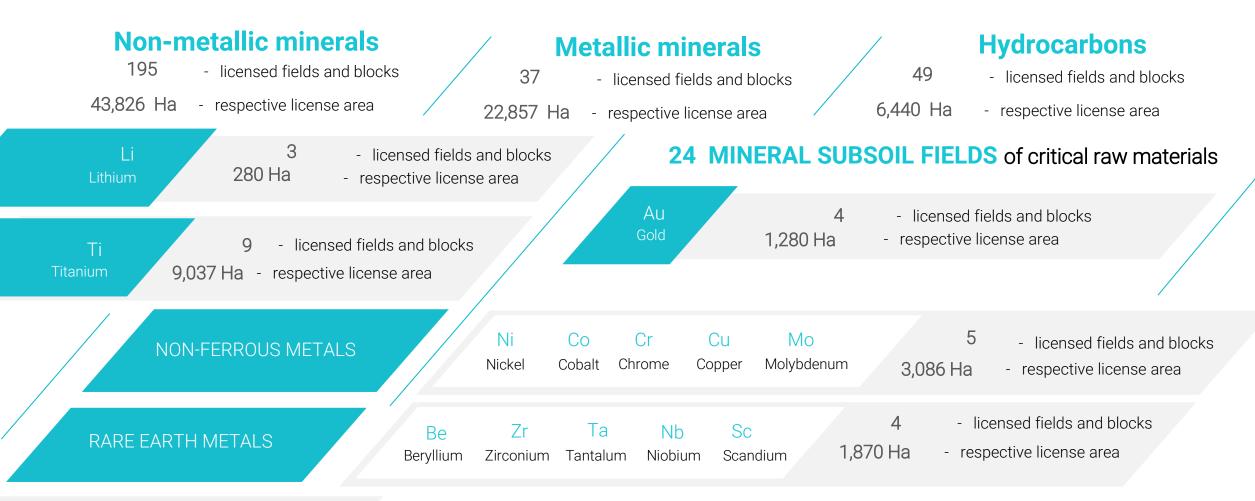
World Mining Data 2022 report 20



4.2 Considerable raw material base

4 MINERAL SUBSOIL FIELDS

available for investments





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

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5.2 Opportunities in various sectors

Ukraine is working on a Comprehensive Recovery Plan. The current situation is being analyzed and discussed in working groups that include international experts, government and business representatives working out plans and proposals.

The task is to rebuild and transform the country and its economy, in line with European standards and new world best practices.

The main principles of the 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





6.1 Opportunities of operating costs optimization

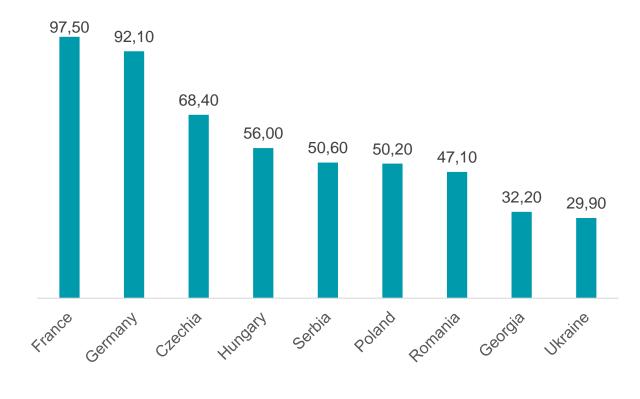
Cost of living

Key facts:

- 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.
- As for the rent price, Ukraine is the 3-rd most affordable country after Romania and Serbia. Same corresponds to Kyiv.

AVERAGE COSTS IN USD, 2022	UKRAINE	KYIV
Rent Apartment (45 m2) elite area	522	648
Rent Apartment (45 m2) average	252	412
Rent Apartment (85 m2) elite area	586	960
Rent Apartment (85 m2) average	478	597
Utilities (45 m2)	47	51
Utilities (85 m2)	71	78

Cost of living index



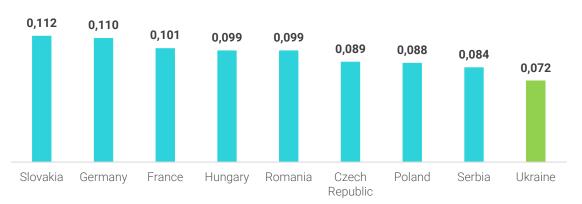
0 – the most affordable 100 - the most expensive



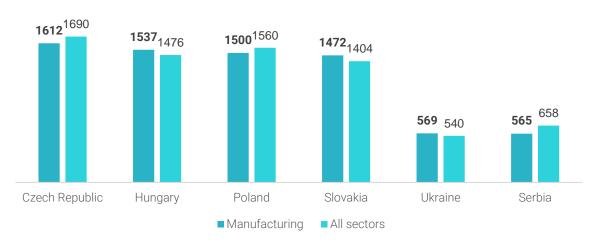
6.2 Opportunities of operating costs optimization

Cost of doing business

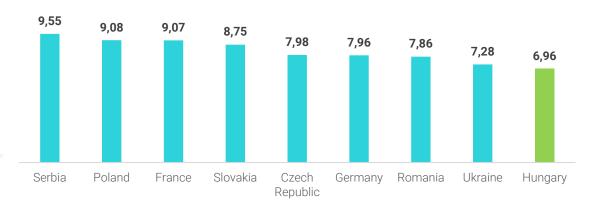
Electricity cost for a large non-household consumers, in USD/per KWh, 2021



Average monthly wages, in USD, 2021

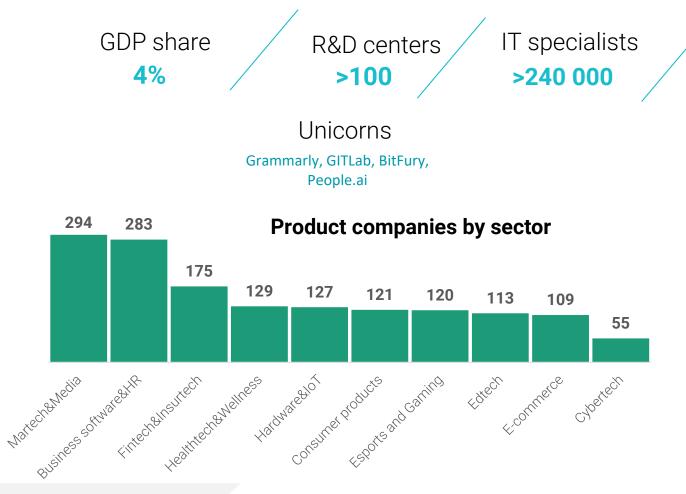


Gas cost for a non-household consumers, in USD/Gigajoule, 2021





7.1 Advanced IT sector



Despite the war, IT Industry breaks the record in export volume in the first quarter of 2022, having provided USD 2 billion in export earnings. Exports of computer services increased by 38.5% compared to the 1st quarter of 2021 (USD 1.4 bln).

According to IT Ukraine Association, 77% of IT companies attracted new customers during the war, and more than half of the companies expect growth of 5-30%.

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.

SOURCE:



7.2 Investment opportunities in IT

Ukrainian Startup Fund (USF)

State-owned fund and 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.

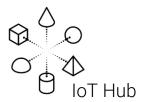


Ukrainian accelerators











USF startups catalog

SOURCE:

Ukrainian Startup Fund



8. Developing R&D ecosystem





9.1 Investment incentive schemes

State support for investment projects with significant investments in Ukraine



5-year corporate income tax (CIT) exemption*



Construction of related infrastructure**

(highways, communication lines, utilities etc.)



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



Lease of state or communal land plots without auction



Exemption from **import duty** of new equipment
and components to it***



Land tax exemption / lower land tax rate

* Not applicable to projects in extraction sector for the purpose of further processing and/or enrichment of natural resources.

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.

^{**} Not applicable to projects in enrichment of iron ore.

^{***} The list and volumes of equipment are approved by the Cabinet of Ministers for each project.



9.2 Investment incentive schemes

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





10-year CIT exemption



Favorable land tax rates by decision of local governments



Exemption from **import duty** of new equipment



Compensation for connecting to engineering grids



VAT exemption for import of new equipment

ELIGIBLE INDUSTRIES

- processing industry;
- recycling of industrial and/or household waste (except waste disposal);
- R&D;
- IT and Telecom.

As of June 2022, the Ministry of Economy of Ukraine, as the authorized state body, is working on development of the required bylaws to ensure full functioning of the system of industrial parks.

9.3 Investment incentive schemes

Diia City

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

- Employment contracts or Gig-contracts instead of employment agreements when hiring employees (i.e., more terms of contracts to be determined by the parties);
- Commercial contracts when involving contractors, incl. individual entrepreneurs.





• IP rights for an object created by the gig-specialist in connection under the gig-contract shall belong to the Diia City resident, unless otherwise provided by the gig-contract (at the moment when IP rights appear for the author, if not specified otherwise in the contract).

Access to legal elements of common law system

- The right to increase charter capital of a LLC via convertible loans mechanism:
- The right of LLC and any third party to be a party to a shareholders' agreement;
- Mechanisms of the employee stock ownership plan (ESOP);
- Warranties and indemnities regulations, liquidated damages provisions, etc.

REQUIREMENTS FOR ENTERING

- **9+** employees and/or gig-specialists;
- Average monthly salary of employees and is not less than the equivalent of EUR 1,200;
- 90% of IT company's total net income consists of the "qualified income" (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





9.4 Investment incentive schemes

TAX AND CUSTOMS INCENTIVES 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 ecotransport, 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



9.5 Financial incentives



State reimbursement of credit interest via State Credit Program with 0 / 5 / 7 / 9 %

- for SME;
- for agriproducers, etc.



For SMEs

Purpose: business entities development, increase in production volumes, exports, import substitution, high-tech production, energy efficiency, introduction of innovations, as well as facilitating the creation of new jobs and enterprises, return of migrant workers to Ukraine

UAH 60 mln - the maximum amount of loan

5, 7 or 9 % of interest rate

For up to 5 years

Amount of the loan guarantee - 80% of the sum of the loan of the subject of micro, small and medium legal entities



For duration of the martial law

Purpose: support and activation of business activity during the period of martial law, thus also meeting the needs of the armed forces, other military formations and/or the population (production of significant for society goods, investments into the critical infrastructure, etc.), for the aim of relocation, etc.

UAH 60 mln - the maximum amount of loan

0 % of interest rate during the period of martial law and one month after its termination

5 % of interest rate afterwards

For up to 5 years

For medium-sized legal entities with annual revenues **up to EUR 50 mln** and for large-sized legal entities with annual revenues **over EUR 50 mln** regardless of the number of employees

Amount of loan guarantee - **50%** of the amount of credit of subjects of micro, small and medium legal entities (except for subjects of big legal entities)



9.6 Temporary tax and customs exemptions

* During introduction of martial law



Special 2% single tax regime **



Single tax payers under single tax groups I and II, i.e., a small-scale business, are released from the obligation (i) to pay single tax and (ii) to submit tax reports**



No VAT is due on the supply or import of goods by single tax payers (including tax payers under special 2% single tax regime)**

^{*} Temporary tax and customs exemptions was introduced after martial law became in effect. Please note that Ukrainian legislation undergoes frequent changes and adjustments during this extraordinary period. We cannot exclude that the text available to you may not be up to date or may lack the latest developments.

^{**} Starting from 1 April, 2022 and for the duration of martial law in Ukraine special 2% single tax regime if in force. The 2% single tax will allow to opt out of CIT, VAT, land tax and PIT (in the context of the activities of private entrepreneurs). In order to benefit from the regime, the taxpayers should submit a relevant application to the tax authorities.



10. International companies operating in Ukraine





























and many more



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.

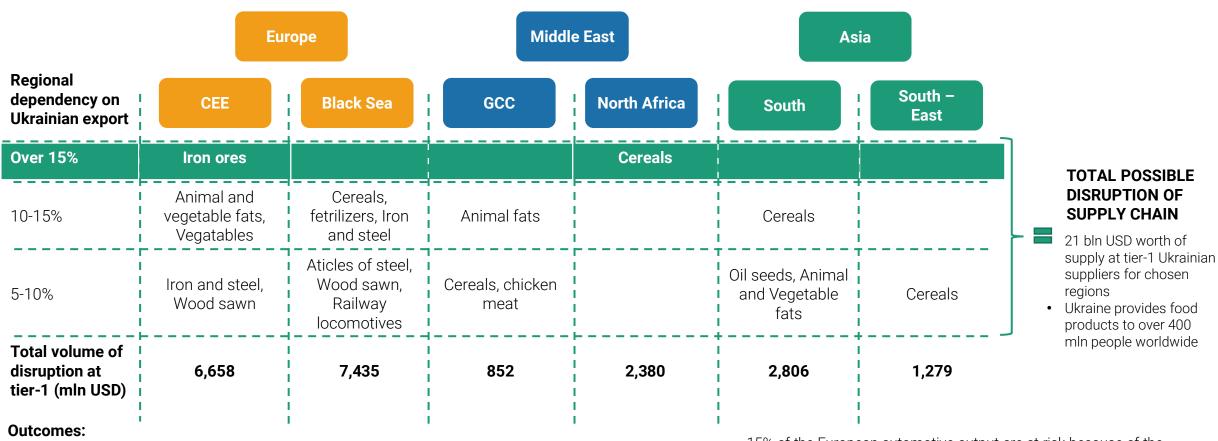
More importantly, Ukraine is a highly industrialized country. It is among the top global manufacturers of rocket launchers, steel products, and locating equipment as well as one of the world's largest exporters of iron, nuclear power plant turbines, defense industry products, ores, and concentrates.

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



Supply chain disrutpions

REGIONS HIGHLY DEPENDED ON UKRAINIAN EXPORT, BASED ON 2021 DATA



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.

400 mln people could be highly affected by food supply chain disruptions and unprecedented price increase.

15% of the European automotive output are at risk because of the lack of wire harness produced in Ukraine.

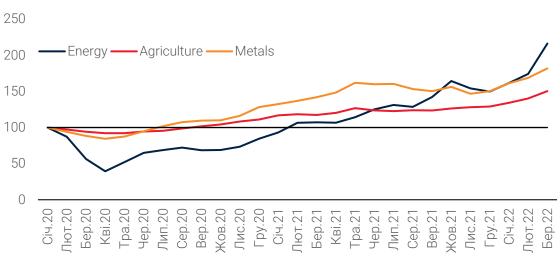
Ukrainian companies supply over 70% of the world neon gas used for production of semiconductors.

37

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Commodities markets

Commodities indices, Jan 2020 - basic period



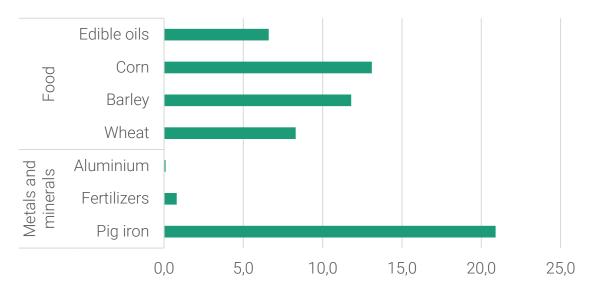
Commodities market faces unprecedented challenges

Energy price index continues to increase over a 23-month period, following disruption of gas and coal import from Russia.

Non-energy prices

Large increase in prices of fertilizers, oilseeds, nickel and wheat results in a severe raise of non-energy commodities price index. Price of most agricultural commodities got almost 30% higher since the beginning of the year. The metals and mineral index shows +24% increase yoy. Nickel and iron prices had a large increase due to hostilities in the main metallurgical regions of Ukraine.

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.

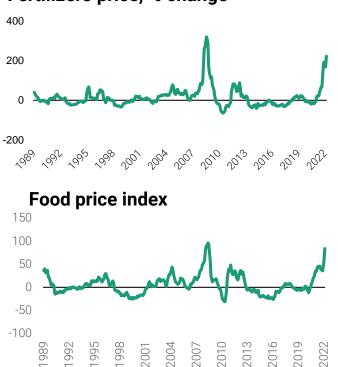
Forecast:

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%.

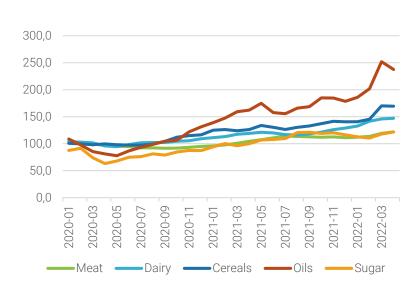


Food security

Fertilizers price, % change



FAO food price index components



Outcomes: cascade effect. Surging energy prices and fertilizer shortage correspond to higher operational costs for agriculture business all around the world. Ukraine has faced severe difficulties **as the main cereals exporter and one of the largest meat exporters. This** leads to the global shortage of essential food products, which, in turn, **will affect lots of** world economies, especially developing ones.

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 (+223%). Shortages in fertilizers could lead to reduced agricultural yields and production, particularly in EMDEs.

Food prices are historically high

FAO Food price index reached all-time height in March 2022. In April 2022, food prices were 29.8% higher than the previous year.

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



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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