



# ANNUAL REPORT

## 2022





**DEAR FRIENDS,**  
**2022 changed the  
lives of all Ukrainians.  
And every member of  
the DiXi Group think  
tank team.**

At the end of 2021, we dreamed together about ambitious offline conferences after COVID-19, advocacy trips to fight Nord Stream 2 and summer camps for young people on the European Green Deal. However, after a few months, our team members went to Lviv, Chernivtsi, Ternopil, Uzhhorod and abroad, and Denys Nazarenko put on a military uniform.

Our team managed to maintain unity. The daily roll call in the first weeks of the war became a habit as well as joint donations – for drones for someone, for a car for someone. Despite everything, we were able to gather for a strategic session with almost the entire team and remember how to brainstorm together, joke and dream for the next few years ahead. Today, DiXi Group, despite the war, has a five-year strategic development plan already in Ukraine, has which won.

In the conditions of war, we were able to find a niche where our knowledge and competences help in the fight for victory. The team launched a product that is read in the highest corridors of power in various countries. Daily reviews of the energy industry were cited by journalists of world publications as well as the ministries of energy and foreign affairs of almost all Western partner countries. We help keep the world's attention on Ukraine's energy sector and provide impartial coverage of events.

The DiXi Group open data team, together with the Ukraine Energy Support Fund, helps energy companies receive the necessary humanitarian aid to quickly repair equipment. The rest of the team worked with communities to provide generators they needed. In the conditions of war, our think tank has become a real logistics, communication and volunteer platform that brings the country closer to victory.

Despite the full-scale invasion of Ukraine, DiXi Group is increasing its team and the number of projects. We help each other and are ready to provide support to everyone who is at war with Russia, in particular on the energy, military or other fronts. We continue to train, analyze, advise and criticize so that the Ukrainian energy sector becomes part of the strategy that will lead Ukraine to victory.

**The word “victory” at the end of  
each paragraph is no accident. We  
will definitely win in 2023!**

**Glory to Ukraine!**

## MISSION

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WE INTRODUCE THE LATEST SOLUTIONS  
AND FAIR RULES FOR AFFORDABLE,  
QUALITY AND CLEAN ENERGY.

## VISION

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Ukraine needs to continue energy market reforms, which should promote competition and strengthen the role of consumers, as well as deeper integration with the EU energy market to guarantee security in the region. Ultimately, the policy should include a transition to clean and green technologies for energy production, transformation, transmission and consumption.

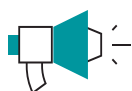
DIXI GROUP SEES ITSELF AS A DRIVER  
OF THESE CHANGES AND A SAFEGUARD  
AGAINST A RETURN TO OLD AND CORRUPT  
PRACTICES.

## KEY AREAS OF OUR ACTIVITY:

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**ANALYTICS:** data research and analysis to make reasonable decisions



**ADVOCACY:** approval of new governance standards in energy policy



**TRAINING:** dissemination of knowledge and best practices in new markets



**CONSULTING:** provision of useful information for governments and investors



# TEAM



4

**OLENA PAVLENKO**  
President

**VIKTORIYA PETROVYCH**  
Financial Director

**DENYS NAZARENKO**  
General Manager for Educational Programs

**VADYM DUMANCHUK**  
Communications Specialist

**BOHDAN SEREBRENNIKOV**  
Manager for Consulting Services in Analytical Activities

**ANASTASIYA MELNYKOVA**  
Conference Service Specialist

**ANTON ANTONENKO**  
Vice President

**NATALIYA BUDZAN**  
Chief Accountant

**MYKOLA YAKOVENKO**  
General Manager for Energy Sector Development

**VIKTOR CHORNYSH**  
Leading Supply Manager

**OLGA POLUNINA**  
Manager for Consulting Services in Sustainable Development

**ANNA STEPANOVA**  
Organizational Development Specialist

**ROMAN NITSOVYCH**  
Head of Research

**VIKTORIYA HUROVA**  
Senior Accountant

**OKSANA RIABCHUN**  
Chief Communications Specialist

**VIKTORIYA TKACHUK**  
Manager for Consulting Services in Consumer Relations

**ANDRII BILOUS**  
Manager for Consulting Services in Open Data

**VIKTORIYA VASYLIUK**  
Supply Specialist

# MANAGEMENT BOARD



ANDRII  
VOLODYMYROVYCH DUDA



IRYNA IVANIVNA  
SOLOLENKO



SVITLANA ANATOLIIVNA  
HOROBCHYSHYNA



VOLODYMYR  
OLEKSANDROVYCH KUPRII



ROMAN BOHDANOVYCH  
VYBRANOVSKYI

# SUPERVISORY BOARD



KEITH SMITH



FRANK UMBACH



ALAN RILEY



GEORG ZACHMANN



MARC-ANTOINE EYL-MAZZEGA



JANEZ KOPAC

## DAILY ALERT

Effective 26 February 2022, the DiXi Group team is preparing the Russian War Against Ukraine: Energy Dimension daily review in Ukrainian and English. 249 publications were released from 26 February to 30 December 2022. Initially, the daily alerts were published on a daily basis, and effective 15 July 2022, the team switched to a 5-time format (Monday to Friday); a final summary for the week is also prepared on Fridays.

Every day, at least 11 colleagues are involved in the preparation of the review, and everyone also has a backup in case of force majeure. At first, the mailing list had about 300 contacts, and by the end of December it grew to more than 800. The review is also published on the website and on social media. In this way, Ukrainians and the international community have access to a comprehensive and unbiased analysis of the situation and are also able to make decisions based on verified data and facts.

The project team received more than 50 acknowledgments and positive feedback about the review, including from NATO Headquarters, the United States Atomic Energy Commission, the U.S. Department

of State, the United States House of Representatives, the European External Action Service, the Naftogaz office in Brussels, UNDP, the World Bank, the Center for Strategic and International Studies, OECD, GIZ and others.

The document reflects the full public domain picture in the gas and power engineering sectors, informs about the consequences of attacks on infrastructure, emergency situations, repair work, nuclear and radiation safety, transit of energy carriers through the territory of the state, countermeasures of companies and the government in conditions of military aggression of the Russian Federation. The Russian War Against Ukraine: Energy Dimension daily review is prepared on the basis of analyzed messages from more than 100 open official primary sources: ministries, state agencies, network operators and energy companies.

When preparing the review, experts work only with official data that are in public domain.

### [List of daily releases](#)

## VOLUNTEERING



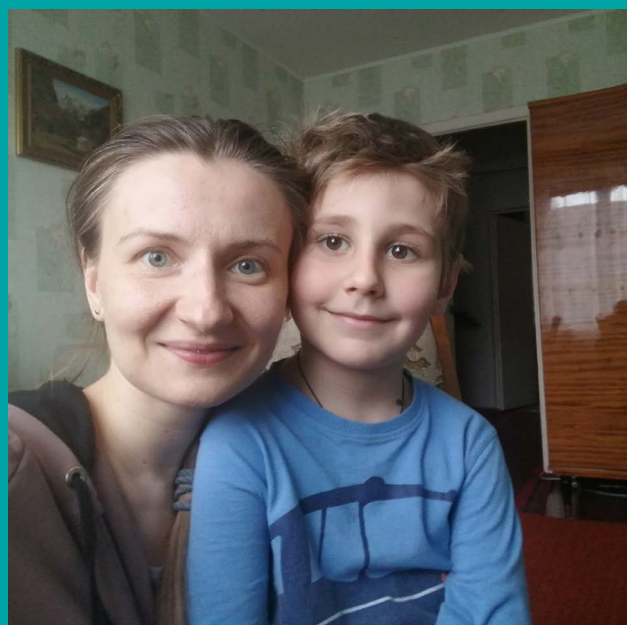
Since the beginning of the full-scale invasion, we have had a new important activity – volunteering. All team members help with the provision of information, logistics and contributions to the Armed Forces of Ukraine.

So far, we have transferred to the frontline a thermal imager, winter clothes, collected and continue to collect funds for the needs of the army, were engaged in the search for generators and other necessary things for both defenders and civilians. This process is quite complicated, since most of the necessary goods must be purchased in Europe and then delivered to Ukraine. However, our experts helped with logistics and contacts.



Our colleagues actively continue to help: they are engaged in the procurement of necessary things for the Armed Forces of Ukraine (in particular, sleeping pads, raincoats, bulletproof vests, hygiene products, medicines and food); help procure equipment for one of the battalions of the Kyiv Territorial Defense Forces (in particular,

7 telescopic lenses and other important items for optical instruments); prepared food for the Kyiv Territorial Defense Forces as well as for children from families who were forcibly resettled in the western regions; participated in various volunteer initiatives, assistance to IDPs, tailoring and procurement.



## PARTICIPATION IN THE WORKING GROUP OF THE MINISTRY OF ENERGY ON HUMANITARIAN AID FOR ENERGY SECTOR ENTERPRISES

From the first days of the invasion, DiXi Group experts from the USAID Energy Sector Transparency Project joined the work of the Ministry of Energy and became members of the working group on humanitarian aid for energy sector enterprises. They became not just outside observers but integral members of the operational team.

The project specialists participated in the development of the data structure regarding the needs of the affected companies of the fuel and energy complex as well as designed the process of their collection and updating, helped automate all available processes in the conditions of the available tools. Team experts ensure the stability of this process and its main result which is a usable and analyzable array of data on companies' needs. It should be noted that companies submit not only information about needs but also the actual justification of their requests, which is also taken into account in the future.

Information about the needs of companies in the fuel and energy complex of Ukraine is the basis of all communication with potential donors and aid providers. It also helps better interact with the Energy Community Secretariat which created the Ukraine Energy Support Fund and makes a lot of efforts to attract donor funds for the procurement of the necessary equipment. In this context, the project specialists participated in the development of the principles of prioritizing requests and working on procedures for the use of donor funds.

An integral aspect of the work of DiXi Group experts is participation in the distribution of humanitarian aid. We believe that it is important to distribute aid not only to the most affected companies but also in a non-discriminatory manner. Professionals are actively working on the preparation of projects for the distribution of aid received both in kind and for accumulated donor

funds in the Fund. The final decision on the allocation of aid is made by the Working Group, but as DiXi Group representatives are voting members, they also ensure public oversight of the process.

Increasing volumes of destruction and the flow of humanitarian aid are becoming new challenges for the operational team of the Working Group. The available tools do not allow ensuring the required result of the quality of work, so the Ministry, together with the DiXi Group and other parties, started work on the creation of an information system for the digitalization of all stages of the process. Experts of the DiXi Group think tank provided the design of the main units of the database, their interconnection and the outline of all the main business processes with further coordination of the development in the substantive part.

Implementation of the project even at the Minimum Viable Product (MVP) level will enable to significantly relieve a part of the operational team from manual data processing by automating the processes. Thus, it will be possible to direct aid to the affected companies even faster and in larger quantities. In the future, this will affect the quality of service delivery to consumers: electricity, gas and heat supply.

A separate important aspect that the system will address is automated reporting for donors on the use of aid provided by them and information on current priority needs. This will strengthen the trust of partners regarding the honest use of the aid provided as well as make it possible to provide regular information to the society about the received humanitarian aid in the context of anti-corruption activities.



## THE DIXI GROUP TEAM INTRODUCED THE ENERGY4VICTORY CHARITY INITIATIVE

Energy4Victory is regular closed online meetings with experienced Ukrainian and international speakers aimed at raising funds for the Armed Forces of Ukraine.

The purpose of the events is to combine expert discussions on matters of energy security with support of the Ukrainian army through contributions to Leleka Foundation, official charitable foundation of the USA. All funds from these events are directed to the purchase and supply of emergency and critical medical supplies as well as protective equipment for defenders of Ukraine and civilians.

In 2022, two events were held as part of the initiative. During the first one, Dr. Alan Riley, Senior Fellow at the Atlantic Council in Washington, Member of the Advisory Committee of the Council of Ministers of the Energy Community, told the participants

about the sanctions regime against Gazprom, the seizure of the company's assets, new arbitration proceedings and their chances of success as well as antimonopoly investigation of the European Commission against the Russian giant.

During the second webinar with Serhii Makohon, General Director of Gas TSO of Ukraine LLC in 2019-2022, the participants discussed the state of gas transit through Ukraine, the future of the Nord Stream and Nord Stream 2 gas pipelines as well as Ukraine's role in energy security of the EU thanks to deeper integration of gas markets.

In total, 36 people participated in these closed meetings, and it was possible to collect USD 1,706.



### LEGAL ASPECTS OF THE GAZPROM ACTIVITY IN EUROPE

Speaker Dr. ALAN RILEY



September 26, 2022  
16:00 - 17:00 (Brussels)  
10:00-11:00 (Washington, D.C.)  
17:00 - 18:00 (Kyiv)



ZOOM



**578 000**reader views of the  
Ukrainian Energy website**12 000+**Facebook and Twitter  
followers of DiXi Group  
project pages**1200+**

people attended the events

**20+**global media publications  
with expert comments**16**

events held

**1900+**people  
watched the event  
broadcasts

## COMMUNICATIONS. INTERNATIONAL DIMENSION

The DiXi Group think tank is increasing its presence in the media space and its influence on the formation of public opinion through the participation in and holding of events, in particular, international ones. Analysts actively commented on and explained emergency situations in the energy sector to the media. The commission on journalistic ethics [advised](#) Ukrainian media to contact the DiXi Group think tank for comments, and the Ukrainian Energy publication as a professional specialized resource.

In the USA, the think tank held a discussion on Ukraine's needs in the field of energy and the principles of green recovery of the country, organized a conference with foreign participants in Kyiv, namely the Second Ukrainian Energy Security Dialogue dedicated to energy security of Ukraine and the region.

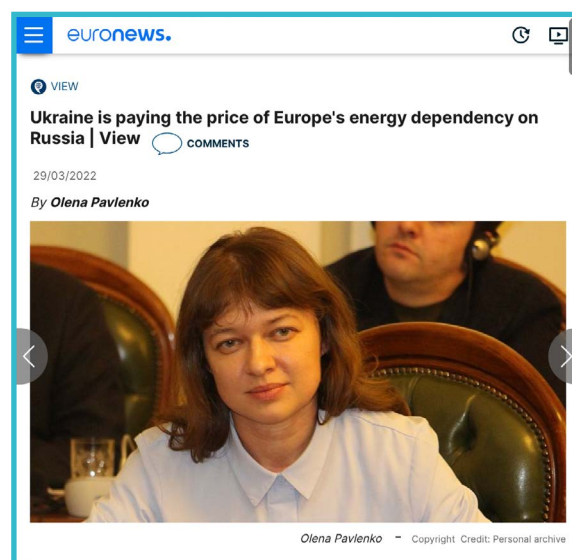
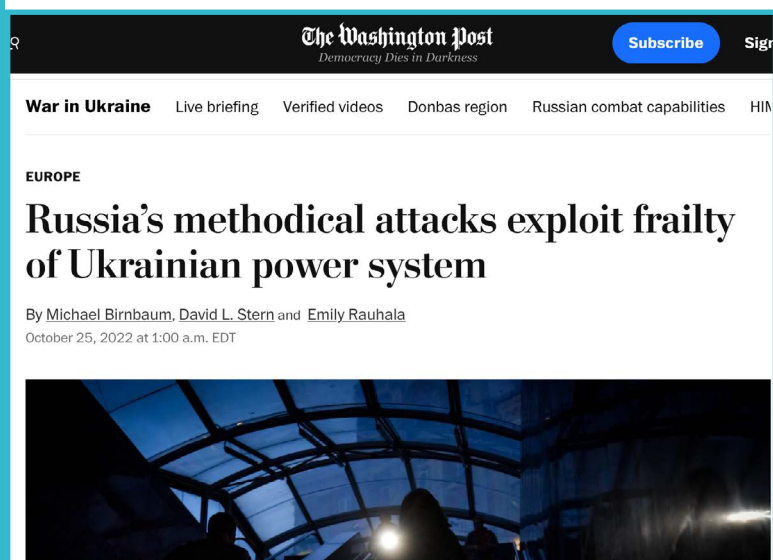
DiXi Group representatives Olena Pavlenko and Anton Antonenko took part in the Future of Ukraine: Energy, War Strategy, National Identity and Partners forum in Paris. In Warsaw, the think tank experts discussed the importance of supporting Ukraine's energy system for further decarbonization. Olena Pavlenko, President of DiXi Group, participated in discussions of Chatham House on energy security and Florence School of Regulation on energy regulation. She also opened the international Ukraine Recovery Conference (URC 2022) in Lugano (Switzerland). The DiXi Group think tank joined the discussions about the green

reconstruction of Ukraine in Berlin. Roman Nitsovykh, Head of Research, took part in the European Values Summit held in Prague. Olga Polunina, Analyst, spoke during COP 27, and Alona Korohod together with the Ukrainian delegation of parliamentarians and experts visited the European Parliament in Brussels.

The Ukrainian Energy media site ([ua-energy.org](http://ua-energy.org)) has expanded its influence on professional discourse in the energy sector. Despite the war, the website team did not stop working for a week and continued to prepare materials that help readers understand what is happening in energy, what solutions are needed now and how the public can influence the situation. In the autumn, the website was cyberattacked by the Russian side. Nevertheless, its work was quickly restored. In 2022, the website doubled its audience (approximately 578,000 sessions per year).



This year, think tank experts showed extraordinary activity at the international level, in particular, 20 publications with comments by DiXi Group experts appeared in popular foreign media, including BBC, Politico, The Washington Post, El País, Euronews and Sky News.





## INFORMATION DURING THE WAR

During 2022, the DiXi Group team launched a wide awareness campaign to prepare consumers for the new rules for consumption and use of energy services. Since February 24, more than 200 informative posts, visualizations and analytical articles have been published on the platforms of the think tank. Informational posts often contained urgent messages to energy consumers from companies or governments about how to respond to the challenges of war.

The team also developed and published more than 30 infographics explaining the new circumstances and behaviour patterns. In particular, a series of materials dedicated to changes in the retail gas market in May-June 2022, when 8.8 million households suddenly found themselves

customers of the “last hope” supplier. The infographic contained all the information consumers needed to make an informed decision about their next steps. Another series of publications contained instructions on individual and collective preparation for the heating season, an algorithm for recording housing damage and receiving compensation, information on available financial support programs for internally displaced persons. Visualizations about the basic rules of survival in multi-apartment buildings have also been published – arranging a shelter, behaviour in a shelter and preparing for possible interruptions in supply (based on the experience of housing cooperatives in Kharkiv, Bucha and Irpin).



Another series of products talked about the rules of behaviour during chemical attacks, smoke spread and falling under the rubble of the house. A number of infographics described new algorithms for applying for subsidies, transferring meter readings, and receiving state aid for internally displaced persons. During the heating season, informational materials were devoted to

safety rules when using alternative sources of heating.

DiXi Group dedicated a separate series of visualizations to a social campaign for saving electricity during power outages.

### List

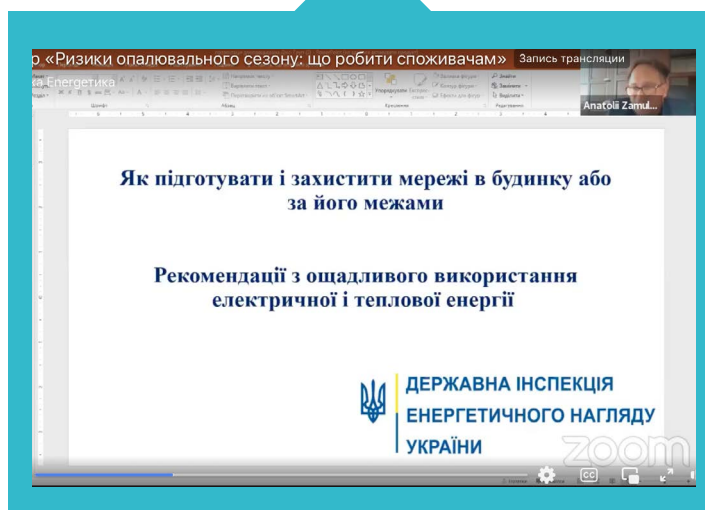
## WEBINARS AND BROCHURES

During 2022, DiXi Group continued its painstaking work on strengthening the competencies of consumers of energy resources. In cooperation with the Kyiv City State Administration, the Energy Sector Transparency Project developed, published and provided for distribution 20,000 stickers “Electricity in multi-apartment buildings: who is responsible for what?”. November 2021 to January 2022, each of the ten districts of Kyiv received approximately 2,000 stickers to be placed near the entrances of houses.

We also prepared the brochures “[How can the NCSREPU and household consumers help each other?](#)”, “[Electricity in an apartment building: who is responsible](#)

[for what](#)” and organized a webinar “[Risks of the heating season: what consumers should do](#)” with a total number of online viewers and participants of more than 600 people. With these products, we covered the topics of preparing for winter and possible interruptions in supply, ways to save for the fastest possible victory on the energy front, distribution of responsibility in the field of electricity supply (based on the example of an apartment building), interaction between the National Commission for State Regulation of Energy and Public Utilities (NCSREPU) and consumers of energy resources.

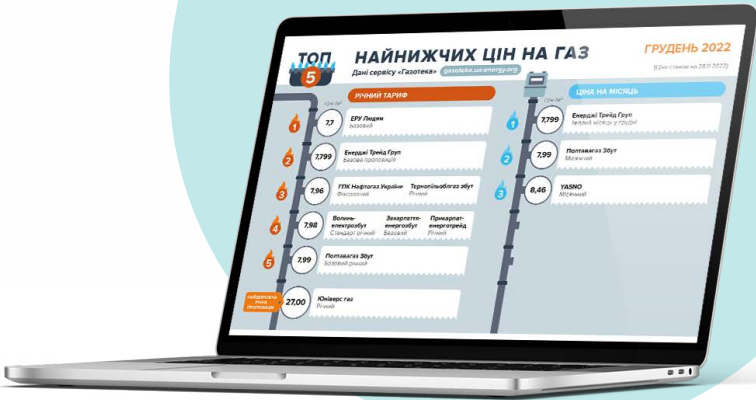
### Webinar video



# IT SERVICES

According to the results of 2022, the audience of the **Energy Online** mobile application has grown by 15% and is more than 160,000 active users. Thanks to the joint work of the USAID Energy Sector Transparency Project and the NCSREPU, Energy Online continues to play an important role in the communication of energy companies and the Regulator with consumers of energy resources. The DiXi Group team continues to work on updating the application and improving the functionality for filing complaints.

In 2022, the **Gazoteka** price comparison service continued its mission of measuring business activity in the gas retail market. Every month, we continue to collect all available price offers and inform Ukrainians about the most profitable of them. Compared to the volume of traffic during the active phase of the retail market, the demand for changing suppliers in Ukraine has dropped 50 times and amounts to approximately 10,000 requests per month. In 2023, the Gazoteka team sees its vocation in the development of competition in retail energy markets as well as in strengthening information support for consumers.

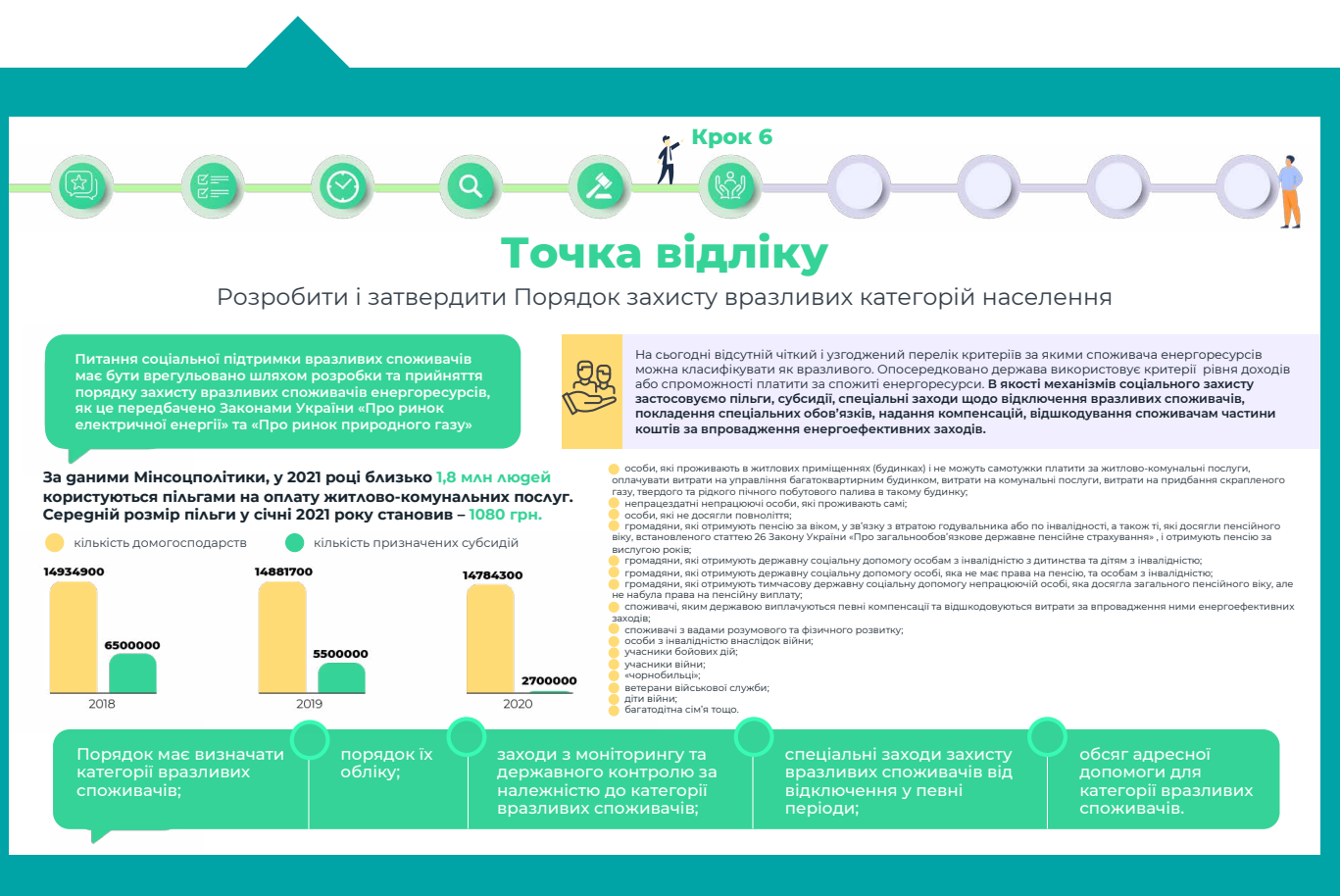




# STUDY OF THE CONSUMER PROTECTION SYSTEM

The team of the DiXi Group think tank together with Competition Protection Council NGO presented a study of the system of consumer rights protection in the energy industry and recommendations for creating a sustainable policy for the protection of

vulnerable consumers. Based on the results of the study, the team submitted proposals to the Ukraine Recovery Plan for the expert working group of Energy Security in the field of demand regulation.



Our recommendations for increasing the number of complaints decisions as well as the level of satisfaction of energy consumers include: introduction of a clear division of powers between the NCSREPU, the Ministry of Energy, the State Inspectorate of Ukraine for Energy Supervision and the State Service of Ukraine on Food Safety and Consumer Protection; implementation of a “single window” and a joint register of complaints;

creation of the ombudsman framework in Ukraine. In order to increase the effectiveness of the current system for the protection of vulnerable populations, we advise first of all to develop and adopt the Procedure for the Protection of Vulnerable Consumers and the National Plan to Reduce the Number of Vulnerable Populations.

## Study

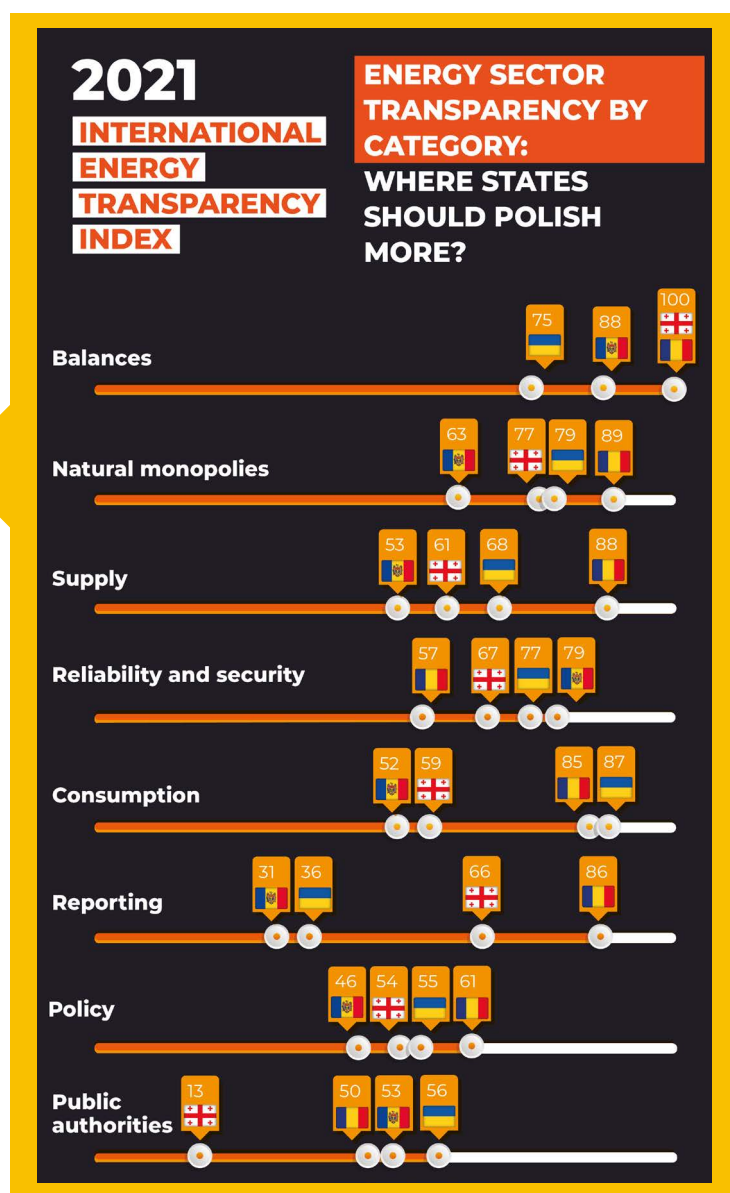
# ENERGY TRANSPARENCY INDEX

The DiXi Group team continues to assess the information openness of the sector and identify gaps with the help of the Energy Transparency Index.

The international analysis of transparency became a good practice, and the Index expanded its geography. Its [2nd International edition](#) was based on 117 indicators and covered four countries of the region: Ukraine, Romania, Moldova and Georgia. This enabled not only to assess the progress achieved during the year but also to compare the results between states. In addition, international rankings increase competition and better incentivize national governments to implement reforms and improve market transparency.

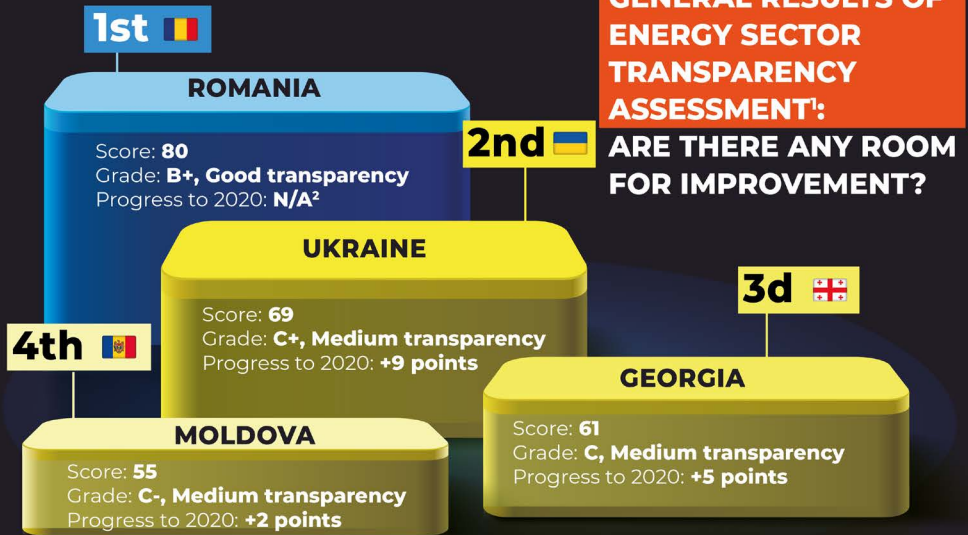
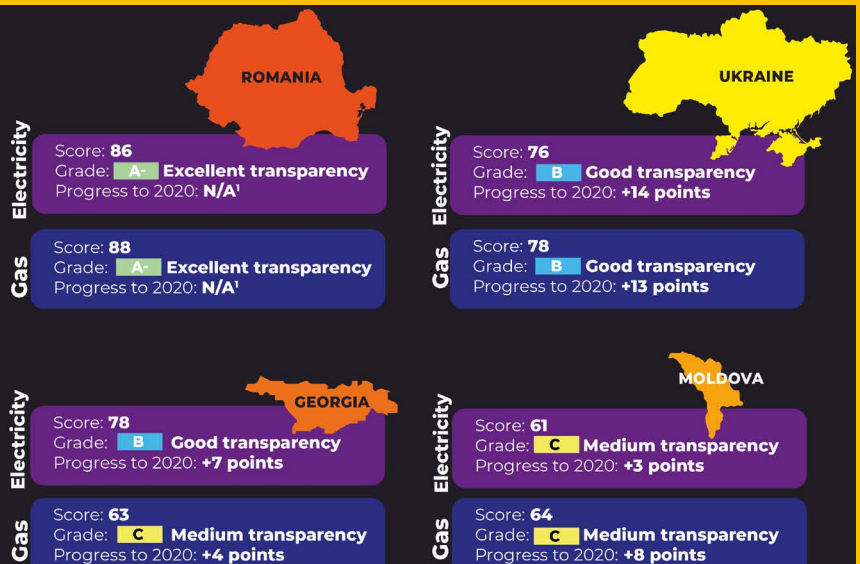
The team also made an extended assessment of the information openness of Ukraine's energy sector according to 227 indicators under martial law. The study revealed a significant drop in transparency due to the war with the Russian Federation, and the results of the military edition of Index 2022 and targeted recommendations to stakeholders will be made public in early 2023.

The index generates ideas for related analytical products. In particular, we received the support of the Black Sea Trust for Regional Cooperation (BST) for the development of a new international product, namely the Energy Security Scoreboard, which provides for the assessment of the institutional dimension of energy security of the countries in the region: Ukraine, Moldova, Georgia and Romania.



**2021****INTERNATIONAL  
ENERGY  
TRANSPARENCY  
INDEX**

Score	Rating	Characteristic
95...100	<b>A+</b>	absolute transparency
90...94	<b>A</b>	excellent transparency
85...89	<b>A-</b>	
80...84	<b>B+</b>	
75...79	<b>B</b>	good transparency
70...74	<b>B-</b>	
65...69	<b>C+</b>	
60...64	<b>C</b>	medium transparency
55...59	<b>C-</b>	
50...54	<b>D+</b>	
45...49	<b>D</b>	insufficient transparency
40...44	<b>D-</b>	
0...39	<b>F</b>	unacceptable transparency

<sup>1</sup> Maximum score is 100<sup>2</sup> Romania wasn't assessed in 2020**2021****INTERNATIONAL  
ENERGY  
TRANSPARENCY  
INDEX****ENERGY SECTOR  
TRANSPARENCY BY  
MARKET:  
WHAT MARKETS ARE  
MORE TRANSPARENT?**<sup>1</sup> Romania wasn't assessed in 2020



## SUPPLIER RATINGS

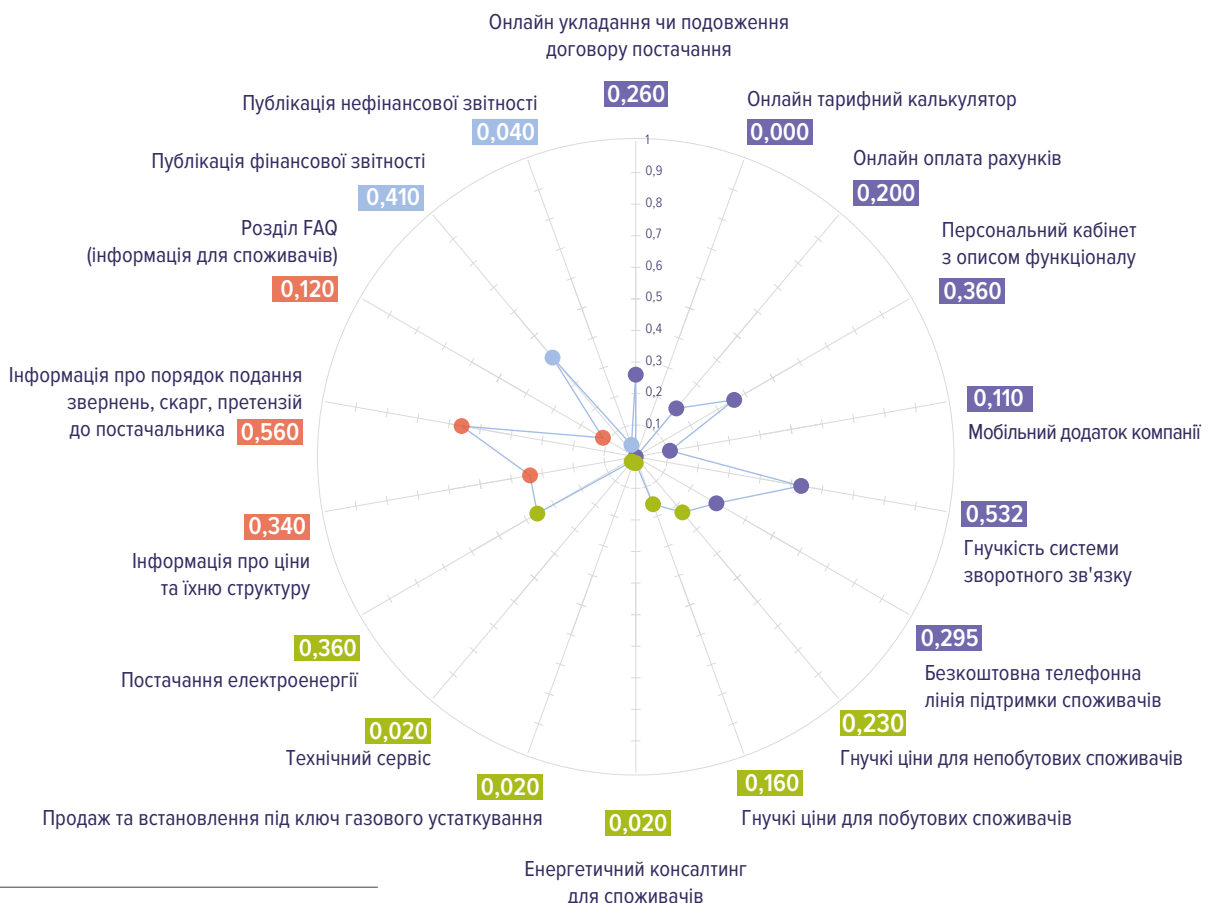
In order to intensify competition in retail energy markets as well as to help consumers in choosing a supplier, we have published the Gas Supplier Rating ([Release 1, 2022](#)).

The rating is built on the basis of 21 indicators which evaluate the TOP 50 companies in such categories as “Online services”, “Commercial offers”, “Consumer notification” and “Transparency and business activity”. The assessment was carried out on the basis of monitoring the websites of suppliers and from the data of the regulator (NCSREPU).

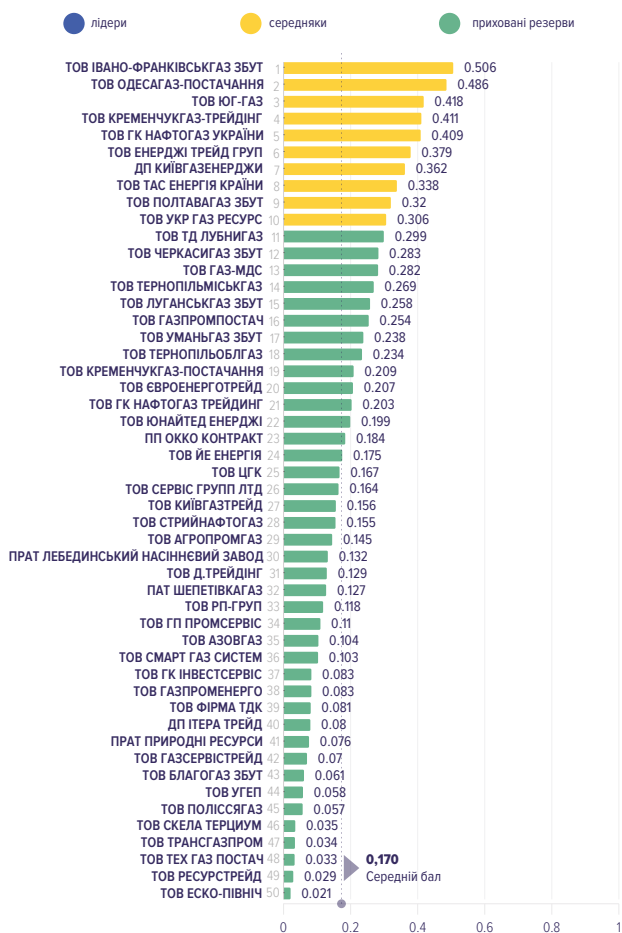
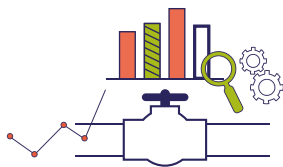
However, the war with the Russian Federation prevented the subsequent semiannual release of Electricity and Gas Supplier Ratings due to significant distortion of retail markets and closure of information and data.



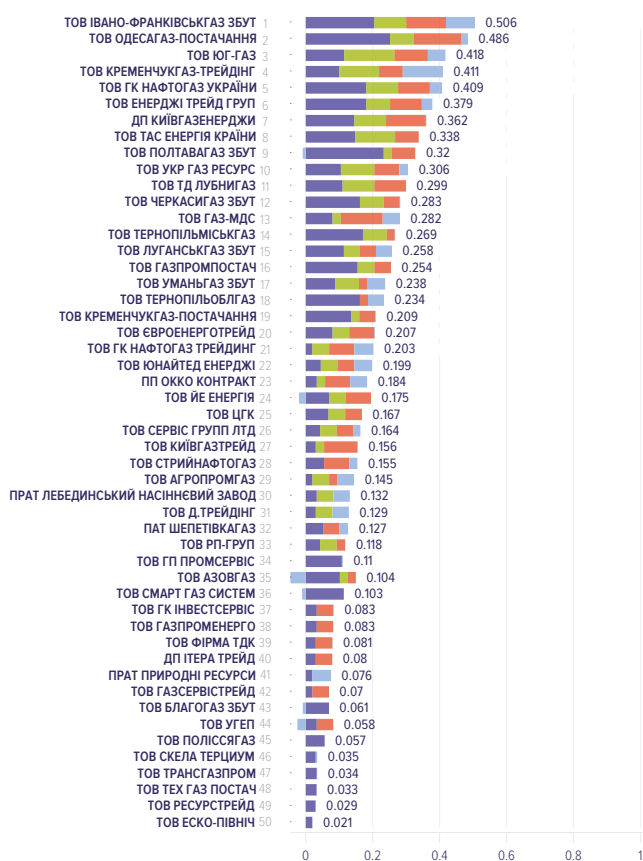
### Середні рейтингові бали постачальників за різними індикаторами



## 1. ЗАГАЛЬНИЙ РЕЙТИНГ ПОСТАЧАЛЬНИКІВ



Онлайн сервіси Комерційні пропозиції Інформування споживачів Прозорість та ділова активність



## 2. РЕЙТИНГИ ЗА КАТЕГОРІЯМИ



## REFORMS IN MINING AND RELEASE OF NADRAMONITOR

This year, the DiXi Group think tank continued to advocate transparency in the extractive sector, in particular through active participation in the implementation of the Extractive Industries Transparency Initiative (EITI) international standard. **In 2022, despite the war, a regular [national EITI report for 2020](#) was prepared and published** (a comprehensive document that gives an idea of the volumes of exploration and production of coal, oil,

gas, iron ores, titanium, manganese, fire and refractory clays, quartz sand, building stones; payments of extractive industries to the state, environmental payments, regulatory environment, impact of these extractive industries on the environment, etc.), and work has started on the next report for 2021. All these decisions were approved by the EITI Implementation Multilateral Group, whose deputy head is Olena Pavlenko, President of DiXi Group.



In 2022, [amendments](#) to the Law of Ukraine “On Ensuring Transparency in Extractive Industries” entered into force, which **allow the full opening of all extractive contracts of Ukraine**. The DiXi Group team actively advocated for the passage of this landmark law. In order to share the successful experience of Ukraine as part of the Publish What You Pay Project “Strengthening the conditions for opening contracts in extractive industries in Eurasia through strengthening cooperation between CSOs in the region”,

DiXi Group experts in cooperation with civil society representatives of Kazakhstan, Kyrgyzstan and Azerbaijan prepared and [presented](#) the [study](#) “Ukraine’s experience in the disclosure of extractive contracts: milestones, hidden threats and risks”, an analytical product aimed at countries in the Eurasian region and new EITI members that are just starting to implement the requirements of the initiative for disclosure of extractive contracts.



We also continued to release the weekly NadraMonitor on updates in the field of subsoil use, together with a brief analysis of government and legislative decisions. There were 34 regular releases during 2022. We have also prepared four special releases dedicated to a more in-depth analysis of important legislative and regulatory changes: [February 2022](#), [June 2022](#), [August 2022](#) and [December 2022](#).

Our team helped the members of the EnergyTransparency Association overcome the challenges of the war. The Association is a union of public organizations to promote the ideas and values of transparency as well as the sustainable development of communities in extractive regions. Despite the restrictions of martial law, we helped

organize four meetings of the Association's members, which allowed to maintain ties between its members and share experiences on resilience to military threats and new challenges for the public sector. We joined the humanitarian activities of the Association: assistance in relocation from the combat zone, procurement of essentials, fundraising, etc. Thanks to the support of PWYP, the Association [implemented](#) the Ukraine: Supporting Greater Gender Equality in the Extractive Sector Project, in the framework of which our team participated in the preparation of the [study](#) "Light rays on gender issues in the management of mineral resources: Analysis of Ukrainian policies and legislation regarding gender equality in the management of mineral resources".



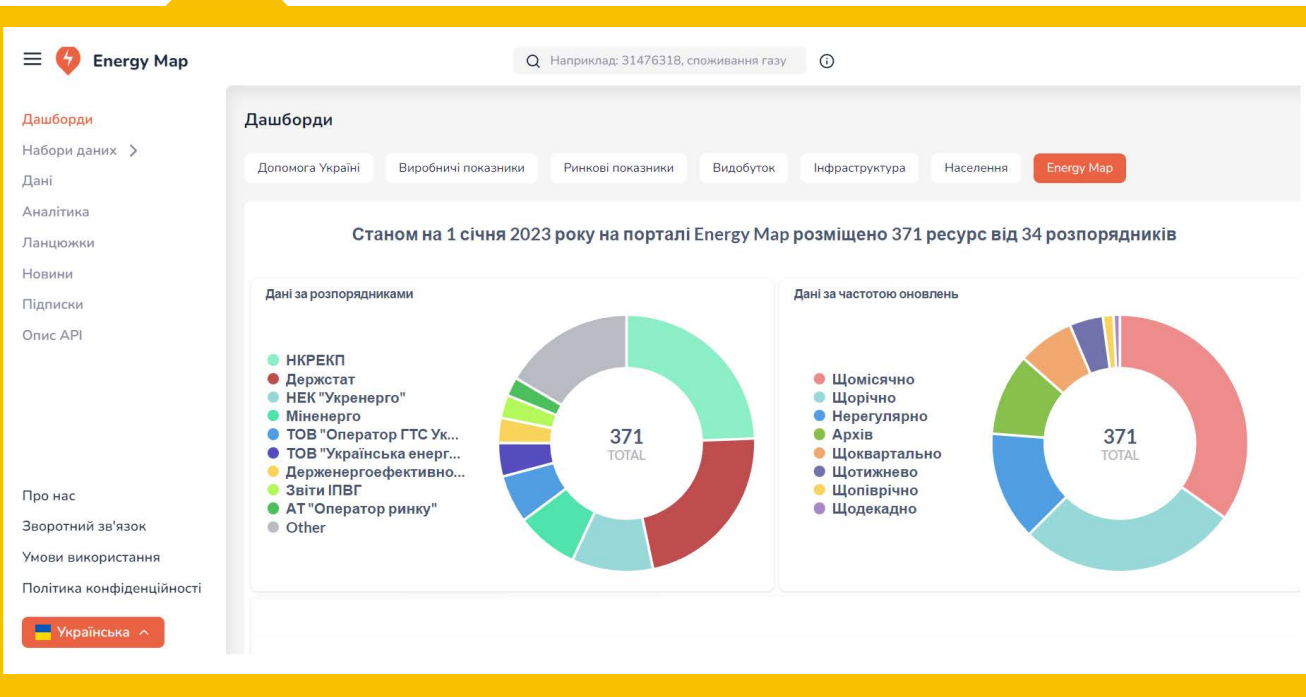
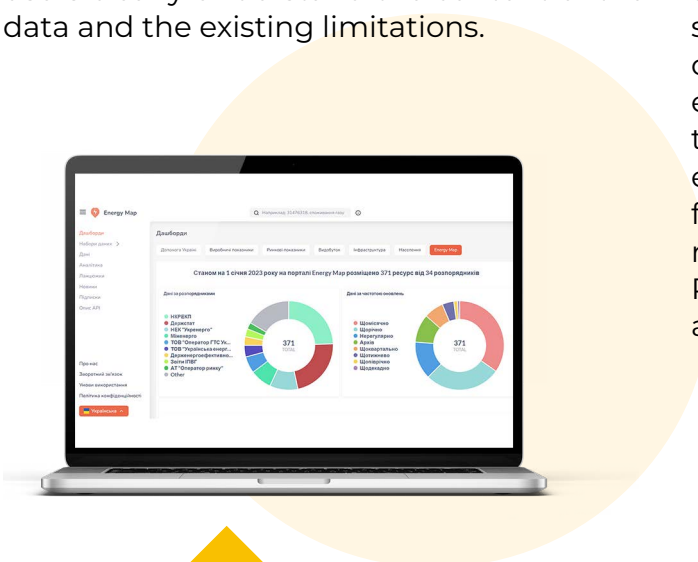
## ENERGY MAP

The DiXi Group team continued to develop [Energy Map](#) – the largest official database on all energy sectors of Ukraine.

The service has been a year since its launch and during this time it was possible to collect in one place more than 370 unique datasets from 28 Ukrainian and 6 European data administrators. All data meet the highest quality criteria: structured, cover the maximum available time period and have the necessary identifiers, which allows combining them with other data. Moreover, all datasets have detailed metadata so that users clearly understand the content of the data and the existing limitations.

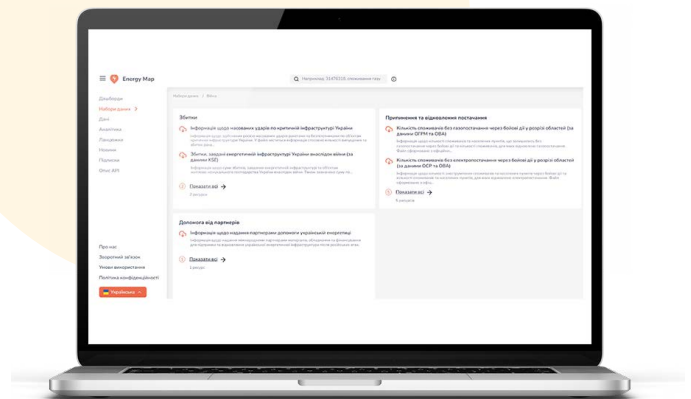
The Energy Map team searches, collects and prepares data so that our users can immediately focus on data analysis, promptly monitor and respond to industry changes in a timely manner. The service also contributes to increasing transparency, as data that were difficult to access “yesterday” due to low quality become available. This has a positive impact on preventing corruption and market abuse.

The portal has full English localization. In addition, all data are also translated, which allows users from all over the world to learn about the state of affairs in the energy sector of Ukraine, especially in the context of targeted enemy missile attacks on the energy infrastructure. In December 2022, the number of data downloads in English exceeded the number in Ukrainian for the first time. Among the registered users are representatives of the USA, the UK, Germany, Poland, Lithuania, Romania, Spain, Japan and other countries.



A new [section](#) dedicated to war has appeared on the Energy Map portal. The team monitors the official pages of system operators in the electricity and gas markets, oblast administrations, ministries, organizations and representative offices of Ukraine and partner countries in order to provide the audience with the most recent and up-to-date data on the state of the Ukrainian energy industry under martial law. In particular, summarized information was published on the termination and restoration of electricity and gas supply, waves of enemy attacks, damage caused to the energy infrastructure of Ukraine as a result of the war and assistance from international partners.




With the introduction of martial law due to the full-scale invasion of Russia, some administrators completely removed the data from open access. In fact, all historical statistics are currently only available on the Energy Map portal. 47% of data downloads since the beginning of the invasion of the Russian Federation fell precisely on data that administrators do not update and/or completely deleted on their official websites after 24 February.





Наприклад: 31476318, споживання газу

Набори даних / Війна




### Збитки

-  **Інформація щодо масованих ударів по критичній інфраструктурі України**  
Інформація щодо здійснених російськими збройними силами ударів ракетами та безпілотниками по об'єктах критичної інфраструктури України. У файлі міститься інформація стосовно кількості випущених та збитих раке...
-  **Збитки, завдані енергетичній інфраструктурі України внаслідок війни (за даними KSE)**  
Інформація щодо суми збитків, завданих енергетичній інфраструктурі та об'єктам житлово-комунального господарства України внаслідок війни. Також зазначено суму по...
-  **Показати всі** →  
2 ресурси

### Допомога від партнерів

-  **Інформація щодо надання партнерами допомоги українській енергетиці**  
Інформація щодо надання міжнародними партнерами матеріалів, обладнання та фінансування для підтримки та відновлення української енергетичної інфраструктури після російських атак.
-  **Показати всі** →  
1 ресурс

### Припинення та відновлення постачання

-  **Кількість споживачів без газопостачання через бойові дії у розрізі областей (за даними ОГРМ та ОВА)**  
Інформація щодо кількості споживачів та населених пунктів, що залишилися без газопостачання через бойові дії та кількості споживачів, для яких відновлено газопостачання. Файл сформовано з офіційних...
-  **Кількість споживачів без електропостачання через бойові дії у розрізі областей (за даними ОСР та ОВА)**  
Інформація щодо кількості знеструмлених споживачів та населених пунктів через бойові дії та кількості споживачів та населених пунктів, для яких відновлено електропостачання. Файл сформовано з офіційних...
-  **Показати всі** →  
5 ресурсів



## OPEN DATA

Open data are an important tool for ensuring transparency and accountability of public authorities as well as effective planning in times of crisis.

According to the calculations of DiXi Group analysts, with the introduction of martial law, access was closed and the updating of 60% of energy data was stopped. In order for at least some of them to appear again in public domain and this did not violate the security of the state, the DiXi Group team prepared a study on the “closure” of data on the energy sector. Experts have proposed a universal approach, thanks to which it is

possible to assess how risky it is to make certain energy data public. After analyzing data from all administrators, the team also prepared a list of steps to reduce risks when making data public. The presentation of the research is scheduled for the beginning of 2023.

In addition, DiXi Group experts continue to cooperate with the NCSREPU and the Ministry of Energy and assist in the processes of collecting, processing and making public important data for society.



## СТАТУС ОНОВЛЕННЯ ЕНЕРГЕТИЧНИХ ДАНИХ РОЗПОРЯДНИКАМИ

01.07.2022



Energy  
Map

Розпорядник /  
Кількість наборів  
даних

НКРЕКП 82

Держстат 72

Укренерго 35

Міненерго 24

ОГТСУ 21

УЕБ 13

Оператор  
ринку 6

інші 48

ОНОВЛЮЄТЬСЯ:  
75 (25%)

НЕ ОНОВЛЮЄТЬСЯ:  
183 (60%)

інше:  
43 (15%)

Джерело: Energy Map

[www.map.ua-energy.org](http://www.map.ua-energy.org)

# DECARBONIZATION AND THE EUROPEAN GREEN DEAL

According to the results of the strategic session in 2022, the DiXi Group team finally determined decarbonization as one of the main areas for the further development of the organization and the implementation of socially important projects.

However, our team has been systemically working on environmental protection issues for more than a year. Since December 2019, together with partner non-governmental organizations, we have been monitoring and analyzing the initiatives of the European Green Deal (hereinafter referred to as the “EGD”), publishing [analytical materials](#), [informational reports](#), [news](#), holding [round tables](#) and giving [expert comments](#) on the topic of the EGD. In addition, to increase the awareness of civil society, business communities and government representatives, we have created a [special web page based on the UA-Energy.org portal](#) which is related to the EGD initiatives and policies, decisions and actions of Ukraine on the way to their implementation.

update Ukraine’s profile using the Energy Policy Tracker, which is an international tool that tracks changes in energy and climate policy.



At the beginning of 2022, the DiXi Group team, together with other think tanks, started work on proposals for financing instruments for decarbonization as part of the Supporting the Decarbonization of the Ukrainian Economy Through the Development of New Financing Models by Using of Debt Obligations Project with the support of the International Renaissance Foundation. However, a full-scale war interfered with the implementation of this project. It affected the investment climate, foreign exchange reserves, requiring the lion's share of the budget to be spent on defence needs and creating unpredictable losses for the restoration of destroyed infrastructure. All these factors, in turn, affected the state's ability to service its external debt. Therefore, due to a temporary shift in government and societal priorities, the team focused on **advocacy and dissemination of knowledge about leading practices in green restoration**, in particular with the use of appropriate financial instruments.



In 2022, as part of the USAID Energy Sector Transparency Project, we completed and presented a thorough [study](#) “Clean reform: Ex ante analysis of potential impact of implementing Directive 2010/75/EU on industrial emissions in the energy sector of Ukraine”. In addition, we took part in an advocacy campaign aimed at the adoption of framework legislation, which is necessary for the implementation of the reform in the field of industrial pollution prevention ([draft law No. 6004-2](#)). We also continued to

DiXi Group, together with partner organizations, created the RRR4U (Resilience, Reconstruction and Relief for Ukraine) coalition, which promotes a fair,



green and people-oriented recovery of Ukraine's economy. This activity includes policy analysis, advocacy, dialogue with researchers, representatives of business, civil society and government. On 4-5 July 2022, in Lugano (Switzerland), Olena Pavlenko, President of DiXi Group, took part in the presentation of the draft Ukraine Recovery Plan, and the team of the organization participated in its development within the framework of 2 of the 24 working groups formed (on energy and environmental security).

In addition, as part of the project, the DiXi Group team carried out regular monitoring of the world's best practices in the field of financing the green transition which are adapted to the realities of wartime in Ukraine and the needs of post-war economic recovery: three [quarterly reports](#) were released as well as two systemic analytical documents on the [review of financial models for ensuring climate governance](#) and [prospects for green](#)

[recovery of Ukraine](#). The team surveyed representatives of energy companies of Ukraine, which helped identify the main needs and challenges of the energy sector.

This year, representatives of DiXi Group were invited for the first time to participate in the international climate conference COP 27, during which Olga Polunina, Sustainable Development Manager, [presented](#) the main achievements of the [study "100 days of war: consequences for the Ukrainian environment"](#). The study helped determine the damage to the Ukrainian environment as a result of military operations and became one of the foundations for the establishment of the Global War Damage Assessment Platform, which was initiated by Ukraine within the framework of COP 27.

A number of important events also took place in the framework of the Integration of Sustainable Development in Ukraine in Accordance with the European Green Deal Project by the EU.

## 100 days of war: consequences for the Ukrainian environment

### DiXi Group Brochure

The full-scale russian war against Ukraine, which began on 24 February 2022, caused huge damage to the Ukrainian environment.

DiXi Group from the first days of war collected data on environmental damages and prepared a brochure "100 days of war. Consequences for the Ukrainian Environment".

The impacts of russia's environmental crimes are not limited to the territory of Ukraine, in some cases they have a cross-border impact, as pollutants with air masses or surface and groundwater can be transported over long distances.

See more: <https://dixigroup.org/en/analytic/11731/>

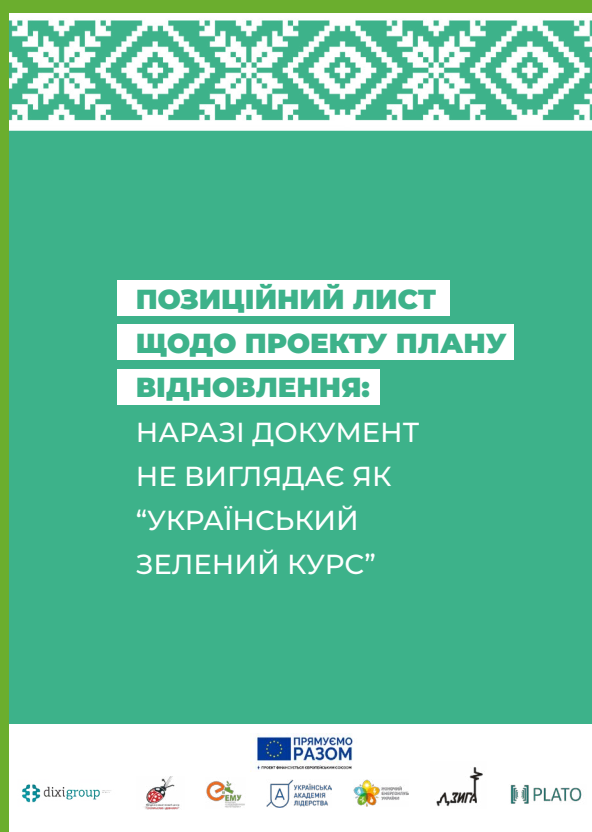


The representatives of the project actively acted within the framework of the preparation of the National Recovery Plan of Ukraine, in particular, in the groups for the preparation of measures in the field of energy, climate and environmental policy. In addition, the team prepared and presented a detailed analysis and [position paper](#) on the draft Plan presented in Lugano (Switzerland) in July 2022. Our experts identified the most problematic points and proposed specific steps to implement the Plan's goals in the most optimal way.

Analytical activities on the topic of post-war recovery of Ukraine were also carried out in the framework of the EGD project and an analytical report on recovery scenarios was presented. During the reporting period, the [project's web portal](#) began to function, and its attendance has been steadily increasing over the past six months. This website is actively used to distribute project materials and important documents related to the implementation of the European Green Deal in Ukraine.

Project representatives took an active part in international events, including the COP 27 conference in Sharm El Sheikh, where they promoted the interests of sustainable development and post-war recovery of Ukraine.

In addition, the project team continued to publish the quarterly review "[Ukraine and the European Green Deal](#)" and, based on the results of 2022, prepared a generalized report and recommendations on the implementation of the EGD in Ukraine addressed to the governmental authorities and other stakeholders in Ukraine and the EU.



Special attention in the project activities was paid to the prospects of Ukraine as a candidate country for EU membership and opportunities for cooperation in post-war recovery between Ukraine and the European Union. In particular, the experts prepared a detailed [explanation](#) on the process of Ukraine's acquisition of membership, [prospects](#) for limiting Russian

influence on energy markets through the implementation of the REPowerEU plan, the role of the European Green Deal in the fight against Russian invasion, opportunities for significant improvement in the [field of energy efficiency](#) during post-war reconstruction, etc.





# KYIV SCHOOL OF ENERGY POLICY (KSEP)



In 2022, the KSEP team released three groups of the English for Energy Markets course and continues to teach another group of C level (Advanced). In addition, regular speaking clubs were held at the School throughout the year. More than 80 participants visited speaking clubs at least once on such topics as the energy balance of France, Venezuela, Poland, the USA, Germany, the energy balance of China and its climate obligations, the Green Deal and its relevance in the current situation, and others.

This year, the “Energy Law and EU Policy” course was held, with 21 participants graduating. The course participants included the head of the State Agency for Energy Efficiency and Energy Saving, representatives of the Ministry of Energy, the Reform Support Group at the Ministry of Energy of Ukraine and representatives of the Ministry for Communities and Territories Development. The next iteration of the course is scheduled for January 2023.

The School regularly issues online digests about new English language courses, speaking clubs and other useful initiatives.

The project team held a series of Ukraine Future Energy Talks round tables with the support of the Friedrich Ebert Foundation. The events brought together 249 participants: representatives of the Ministry of Energy, local authorities, state-owned companies and enterprises, mass media, public organizations and international energy projects, embassies and scientific institutions.

## Discussion 1. “Energy Efficiency as an End-To-End Policy in the Reconstruction of Ukraine”

The invited experts were:

Valerii Bezus, Head of the State Agency for Energy Efficiency and Energy Saving;

Sviatoslav Pavliuk, Executive Director of the Association “Energy-Efficient Cities of Ukraine”;

Krzysztof Gerulski, Energy Efficiency Expert of the Ukraine Support Group, European Commission;

Roman Palahusynets, Energy Efficiency Expert



## Discussion 2. "Fuel Ukraine for the future – biofuels and electric mobility as alternatives to the constant threat of a fuel crisis"

The invited speakers were:

Serhii Kuiun, Director of A-95 Consulting Company;

Heorhii Heletukha, Board Chairman of the Bioenergy Association of Ukraine;

Anna Zarudna, Electric Mobility Expert, Head of Governmental Authorities Relations Department at EV-UA – Ukrainian Association of Electric Vehicles Market Participants;

Hennadii Riabtsev, Energy Expert.

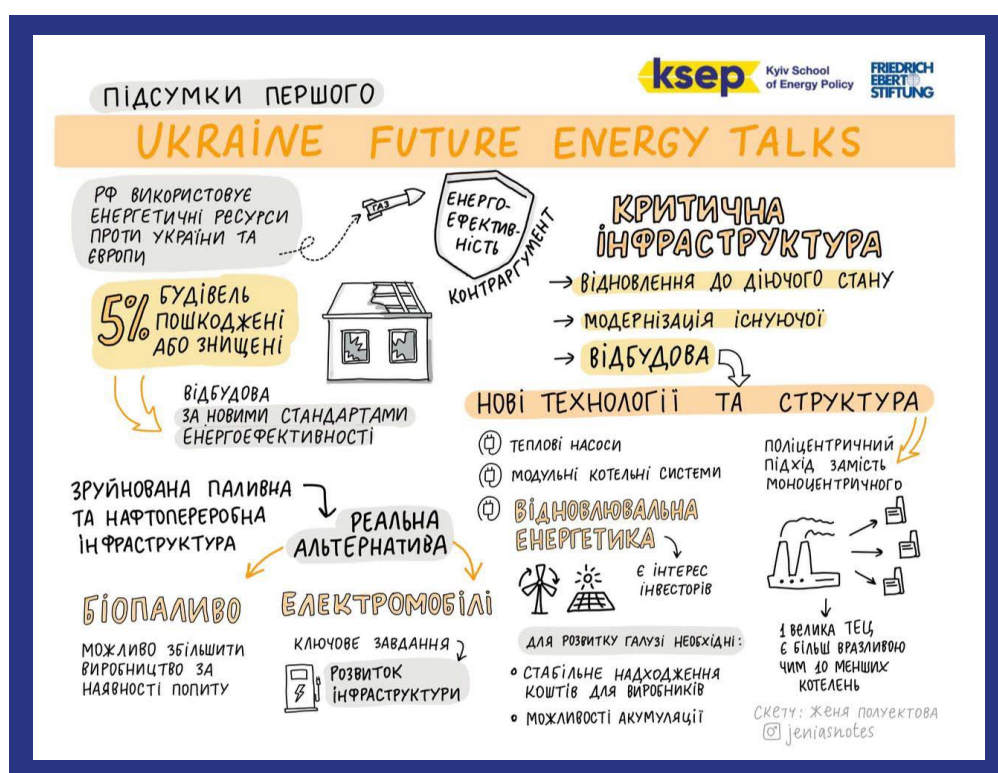
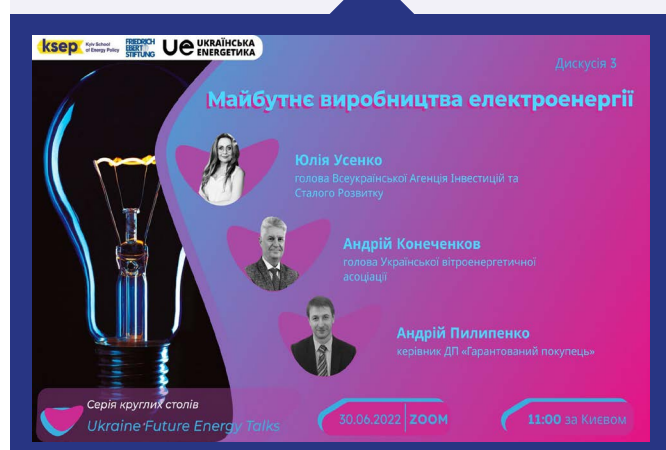
## Discussion 3. "The Future of Electricity Production: Restoration of Ukraine"

Among the invited speakers were:

Yuliia Usenko, Head of the All-Ukrainian Agency for Investments and Sustainable Development;

Andrii Pylypenko, Head of Guaranteed Buyer SE;

Andrii Konechenkov, Board Chairman of the Ukrainian Wind Energy Association.



# ENERGY SECURITY











After a full-scale invasion, the team was able to reformat the project activities within the direction in order to increase the efficiency of work in the new realities. Thus, our task during the year was to promote the strengthening of sanctions against the Russian Federation in the energy sector as well as to attract as much help as possible from foreign partners.

The team developed a series of materials about the activities of Russian energy companies outside the Russian Federation. They contain recommendations for increasing sanctions pressure and limiting their work as a response to the criminal aggression of the Russian Federation. As part of a series of materials on the “tentacles” of Russian energy companies,

we investigated [Rosneft](#), [Rosatom](#), [Novatek](#), [Lukoil](#), [Inter RAO](#), [Gazpromneft](#), [RusHydro](#) and [SUEK](#). In addition, we investigated the [corporate relations](#) of Western energy companies with Russian state-owned and private energy structures after 24 February 2022.

For effective communication with Western partners and summarizing our analytical work on ways to strengthen the sanctions regime, the DiXi Group team has developed a [10-point](#) plan for strengthening the sanctions regime against the Russian Federation, which is based on a thorough analysis of the loopholes in the existing sanctions regime and external relations of key Russian energy companies.

## DIXI GROUP'S 10-POINT PLAN TO ENHANCE THE SANCTIONS REGIME AGAINST RUSSIA

- 1  Expand the current energy embargo against Russia by (a) introducing the EU gas embargo on both pipeline and maritime deliveries as soon as possible; (b) banning uranium and nuclear fuel imports to the EU and U.S.; (c) proliferating the EU oil embargo on Russian pipeline supplies.
- 2  Introduce secondary sanctions against Russia's oil, coal, and LNG trading as the main option; implement an oil price cap regime as an alternative only at a clear juncture with effective sanctioning tools in case of non-compliance and without softening the existing restrictions (addressing coal and LNG supplies similarly).
- 3  The sanctions against key Russian energy companies should be expanded (incl. the sanctions to the Gazprom, Rosneft, Transneft, Rosatom, Rosneft, Inter RAO, RusHydro, Lukoil, Surgutneftegaz, Novatek, SUEK and their numerous subsidiaries).
- 4  4. Increase the number of people associated with top Russian energy companies on the personal sanctions lists (incl. private shareholders of key Russian energy companies, representatives of major companies' Board of Directors, management of key business segments, CEOs of subsidiaries and the close family members of the above-listed categories).
- 5  5 Consider acquiring the assets of Russian energy companies in Western jurisdictions and terminating the implementation of the Russian companies' projects abroad.
- 6  6 Sanction all vessels carrying Russian oil, LNG, and coal to the world markets disregarding the nationality of their owners and destination of their deliveries by refusal to grant certification for their operation; prohibit EU-flagged ships from carrying Russian energy resources; monitor the implementation of existing restrictions and expand the EU oil embargo on the energy resources from a non-Russian origin if they are delivered via Russian territory.
- 7  7 Prevent the transfer of Western technologies directly or through third parties to any of the assets of Russian companies in their country or abroad; terminate any forms of R&D cooperation.
- 8  8 Exclude Russia from the access to the international banking system and the stock market, therefore, sidelining it from the world energy trade.
- 9  9 Exclude Russia from participating or limit its participation in some international organizations and agreements; terminate the participation of Russian energy companies in business associations and other forms of voluntary cooperation between corporate subjects in the West and its allied countries.
- 10  10 Introduce national, supranational and international programs to support refusal from Russian energy sources compatible with climate goals; launch support programs for non-Russian producers.



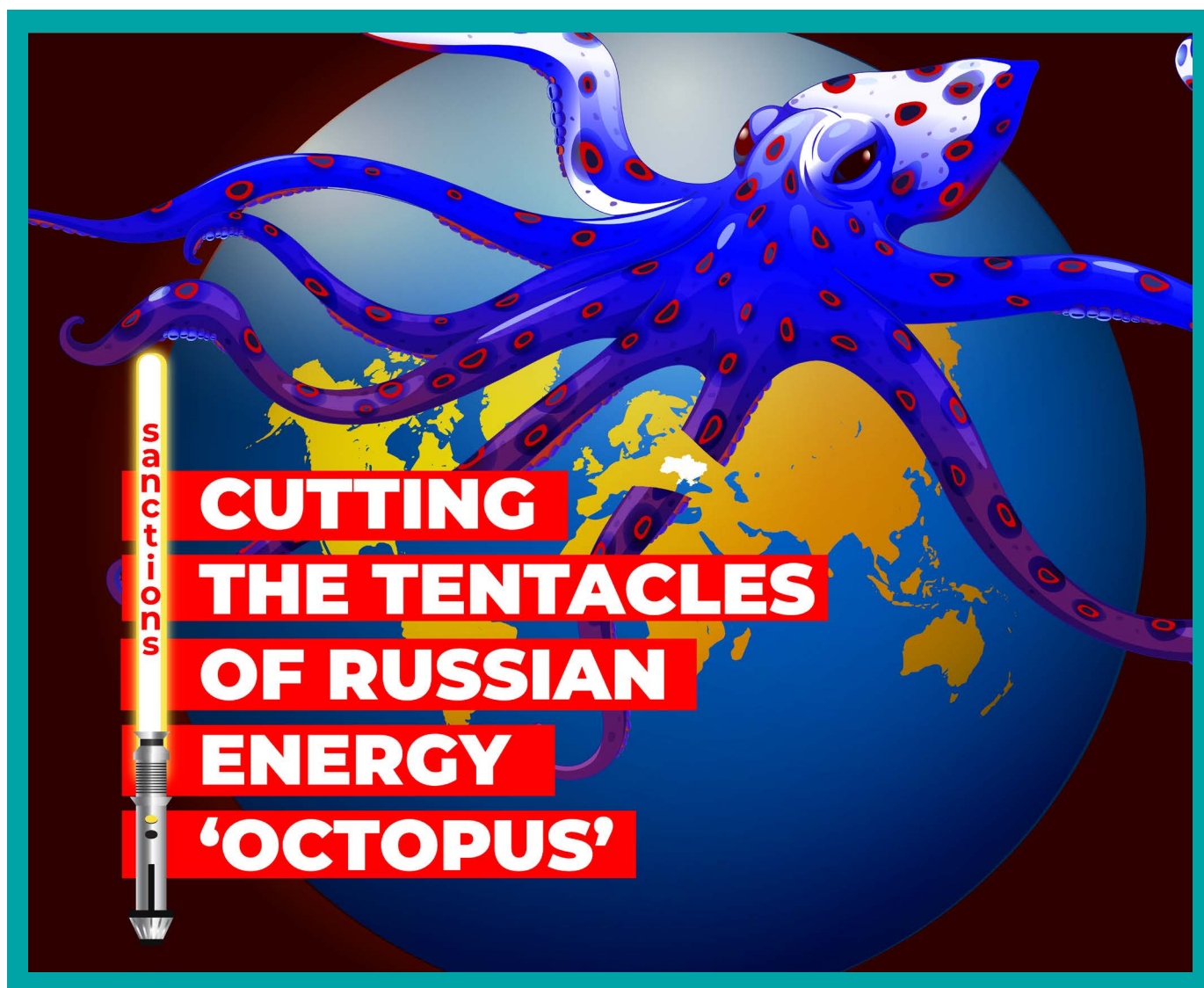
During the year, we developed a lot of ad hoc analytical materials (for example, alerts and articles); gave numerous comments to the Ukrainian and foreign press on energy security issues; held dozens of meetings with foreign partners, talking about the realities of the Ukrainian energy industry in wartime conditions and involving their help.

The team made several advocacy trips. The main task of the business trips was advocacy on topics related to the alienation of funds of Russian oligarchs and the state in favour of Ukraine, strengthening of sanctions against Russia as well as priority sectors for providing assistance to Ukraine.

In particular, Olena Pavlenko, President of DiXi Group, visited Washington (USA) for advocacy purposes. During the trip, she held approximately 60 meetings (in particular, with representatives of the U.S. Congress,

the U.S. Department of State, other governmental authorities, experts and think tanks), took part in round tables, discussions and other events organized by the Embassy of Ukraine in the USA and American think tanks.

Despite the threat of shelling and constant power outages, we were able to organize both online and offline parts of the Second Ukrainian Energy Security Dialogue conference for the second year in a row. During two thematic sessions, together with speakers from Ukraine, the EU and the USA, we discussed the change in the energy security paradigm of allies due to the criminal actions of the Russian Federation against Ukraine and the sanctions regime; as well as the place and role of Ukraine in this new system of energy security of the European region.

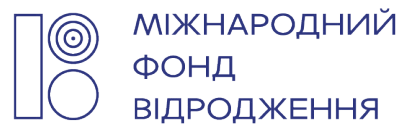


# REPORT ON REVENUES AND EXPENDITURE FOR 2022

REVENUES:	thousand UAH	%
U.S. Agency for International Development	18 359,3	68,6
International Renaissance Foundation	4 979,1	18,6
Publish What You Pay	1 223,1	4,6
European Commission	1 157,2	4,3
Zentrum für die Liberale Moderne	879,9	3,3
The Black Sea Trust for Regional Cooperation	156,8	0,6
Natural persons	4,3	0,02
<b>Total:</b>	<b>26 759,7</b>	<b>100,0</b>

EXPENDITURE:	thousand UAH	%
Labour remuneration fund, single social contribution, civil law contracts	15 165,3	56,9
Project costs, payment of goods, works and services	7 935,2	29,8
Office rental and utility payments	1 296,5	4,9
Fixed assets, equipment and inventory, intangible assets	1 112,9	4,2
Office maintenance, telecommunications services	398,3	1,5
Business trips (per diem, transport, accommodation, etc.)	364,6	1,4
Seminars, trainings, conferences, teaching and mentoring	158,4	0,6
Banking services	116,7	0,4
Maintenance of accounting software, advance payments for publications, subscriptions	104,7	0,4
Stocks, consumables	19,8	0,1
<b>Total:</b>	<b>26 672,4</b>	<b>100,0</b>

# SUPPORTERS:





**STAND WITH UKRAINE**



Annual report 2022

