

We introduce the latest solutions and fair rules
for affordable, high-quality and clean energy



2023

ANNUAL REPORT

DEAR FRIENDS,

In 2023, DiXi Group managed to do what we really expect from Ukraine: to attract many promising projects and continue internal reform.

The new DiXi Group Strategy adopted in 2022 was supplemented with an updated organizational structure in 2023. In addition, we have adapted all 'internal laws' - policies and procedures - to it. Such a structure allows the organization to grow faster and develop new areas. And we are happy that the year 2023 gave us incredible leaders in the fields of sustainable development, energy security, markets, and consumer protection. The team is filled with leaders who help shape the future for the energy sector in their field.

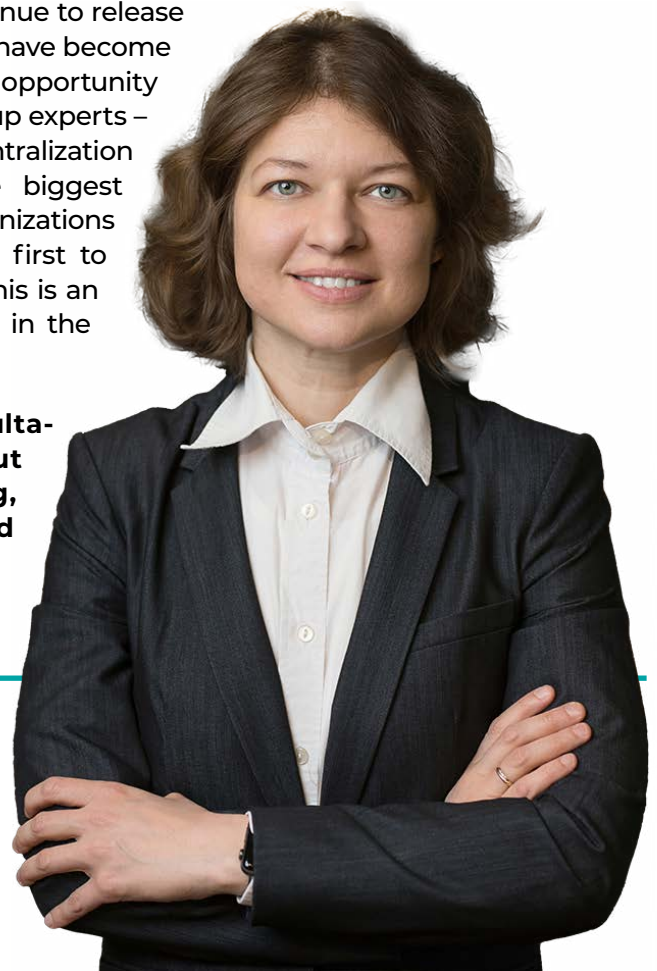
A bigger team means more opportunities. In 2023, DiXi Group attracted 10 new projects that started new areas (such as work in the RRR4U consortium) and continued existing ones (energy security, monitoring obligations within the framework of European integration, transparency of the sector). One of the flagship projects was the process of writing the National Energy and Climate Plan, which defines the framework for the development of the energy and climate sectors of Ukraine until 2030. It is a great honor and responsibility to join the formation of the NECP.

We continue to work in all areas that we started in previous years. The DiXi Group team cooperates with the Ministry of Energy of Ukraine and the Energy Community in the field of providing assistance to energy companies within the framework of the Energy Support Fund of Ukraine, continues the development of an online map of the energy sector, analyzes the effectiveness of the introduction of sanctions against Russia and proposes new sanctions, creates platforms for discussing the future of the energy sector of Ukraine. We are happy that our annual Energy Security Dialog conference has gathered several hundred online and offline participants in 2023, despite the full-scale war and security threats.

Our team begins 2024 with initiatives and products launched in 2023. The assessment of the regulatory impact of decisions in the energy sector has aroused the interest of participants in the market - and we plan to continue to release this product; the selected ten communities that have become partners of DiXi Group in projects will have the opportunity to develop their own energy plans, and DiXi Group experts - to understand how to properly shape the decentralization of Ukraine's energy system and where the biggest obstacles are. Six local non-governmental organizations from different regions of Ukraine became the first to receive sub-grants from our organization, and this is an opportunity to continue the experience gained in the future.

Implementing reforms in sectors and simultaneously reforming ourselves is difficult, but possible. This is what DiXi Group is doing, and we really want our country to succeed in it too. Let's make this happen in 2024!

*Olena Pavlenko,
President of DiXi Group*



OUR DNA

Mission:

We introduce the latest solutions and fair rules for affordable, high-quality and clean energy.

Values:

Responsibility:

Conscientious performance of tasks
Compliance with obligations (including deadlines)
Mutual support
Correct formulation of problems
Conscientiousness in analytical activity

Independence:

We have our own reasoned position
Unbiased analysis (including that we do not adjust the results to the interests of the customer, we take the point of view of all parties)
Diversification of funding sources

Work for the result:

We focus on products, not on the process
Each product must be a driver of structural changes, useful and applied
Products set quality standards (information checked, impartiality, no emotional assessments, convenient format)

Free competition:

We do not do things that will lead to distortion of free competition
Promotion of competition in energy markets (against monopolies that abuse their position; for transparent, uniform rules for all)
We implement each principle on our own example

Constant improvement:

Training, raising the professional level
Search and perception of the new
Search for new niches and areas
Refusal of the non-working



VISION:

The irreversibility of changes in the energy sector is ensured by clear modeling of the sustainable development of the energy sector, a new generation of managers, a high level of transparency and intense competition for consumers and the quality of services in the energy markets. Ukraine continues energy market reforms that will promote competition and strengthen the role of consumers, as well as deepen integration with the European Union energy market to guarantee security in the region. The energy policy should include the transition to clean, green technologies for the production, transformation, transmission and consumption of energy.

DiXi Group sees itself as an initiator and advocate for such changes, and will develop its own capabilities to achieve this vision.

GOALS AND STRATE- GIES

GOAL OF THE ORGANIZATION:

Modernization of the energy sector
of Ukraine

Membership of Ukraine in the EU

We achieve it through the following strategies:



Analytics (policy advisory):
provision of useful information for
governments and investors;



Advocacy: approval of new
governance standards in the energy
policy;



Tooling for improving reforms;



Raising public awareness;



Stakeholders education:
dissemination of knowledge and
best practices of work in new
markets.

TEAM



OLENA PAVLENKO
President

VICTORIIA PETROVYCH
Financial Director

DENYS NAZARENKO
General manager for Educational Programs

LIUDMYLA ROSIK
Chief Communications Specialist

VICTORIIA HUROVA
Senior Accountant

ANNA STEPANOVA
Supply Specialist

ANTON ANTONENKO
Vice President

BOHDAN SEREBRENNIKOV
Deputy Head of Research

MYKOLA YAKOVENKO
General manager for Energy Sector Development

VICTORIIA BOYKO
Conference Service Specialist

VIKTOR CHORNYSH
Leading Supply Manager

ROMAN NITSOVYCH
Head of Research

ANDRII BILOUS
General Manager for Consulting Services in Open Data

VICTORIIA KOVALENKO
General Manager for Advisory Services in Sustainable Development

NATALIYA BUDZAN
Chief Accountant

VIKTORIYA LIPOVKINA
Finance Specialist

MANAGEMENT BOARD



ANDRII DUDA



IRYNA SOLOLENKO



SVITLANA
HOROBCHYSHYNA



VOLODYMYR KUPRII



ROMAN VYBRANOVSKYI

SUPERVISORY BOARD



KEITH SMITH



FRANK UMBACH



ALAN RILEY



GEORG ZACHMANN



MARC-ANTOINE EYL-MAZZEGA



JANEZ KOPAC

COMMUNICATIONS

> 4,000

mentions in the media and social networks per year

> 400

mentions in foreign mass media

13,200+

followers on Facebook, LinkedIn and X to DiXi Group project pages

~ 2,300

people attended offline and online events

25

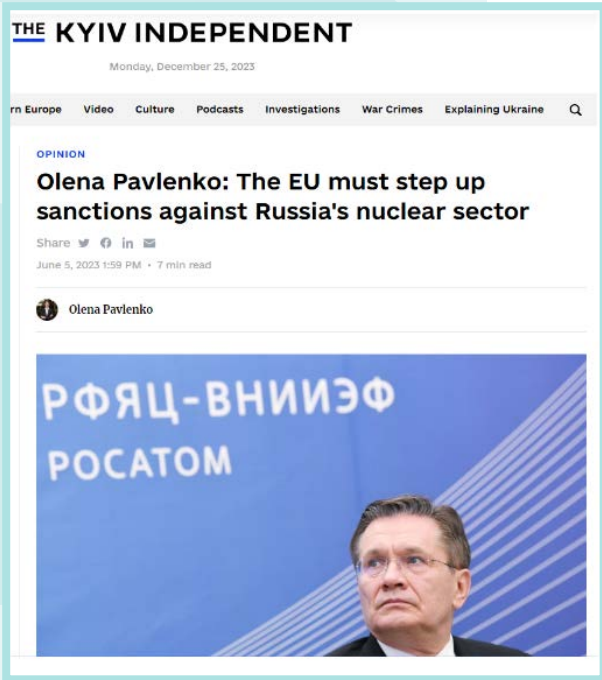
events held

~ 430,000

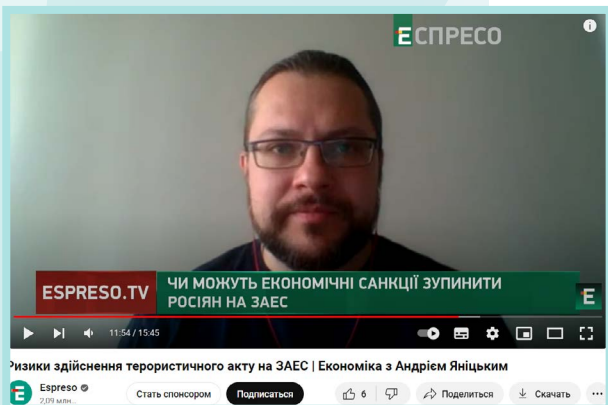
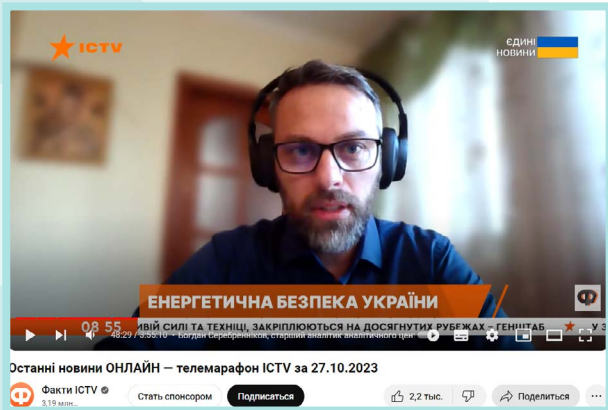
reader views of the Ukrainian Energy website



In 2023, DiXi Group think tank continued to increase its presence in the national and global information space, contributing to the achievement of the main goals of the organization - the modernization of the energy sector of Ukraine and its membership in the EU. Working equidistant from all commercial structures and political forces, throughout the year our team shared analytics and key research in the field of energy and sustainable development with the general public and reform stakeholders in Ukraine. Thanks to the preparation of relevant comments and articles for the mass media, quick response to important events in the sector, organization and participation in various events both in Ukraine and abroad, DiXi Group managed to reach an audience of more than 70 million¹ and receive more than 4,000 mentions in the media and social networks according to the consolidated data of media monitoring for 2023.



¹ Media monitoring data for 2023. Reach is calculated as the sum of the average number of news views on the source.



During the year, the presence of experts and the citation of DiXi Group also grew in the discourse of green recovery of Ukraine, as the organization actively popularized measures for decarbonization, the principles of the European Green Course (EGC), energy efficiency, energy saving, the need to implement green solutions in energy and the development of renewable energy, mechanisms of debt- for-climate swaps and debt-for-nature swaps.

The experts of the analytical team have repeatedly appeared on the air of the Yedyni Novyny national telethon, Espresso and Channel 5 TV Channel, popular printed and online publications. In the international arena, DiXi Group experts were cited by such publications as The New York Times (USA), Voice of America (USA), Daily Express (Great Britain), Tagesspiegel (Germany), The Brussels Times (Germany), El Heraldo de Mexico (Mexico), ORF Topos (Austria) and others.

In 2023, the number of citations of the materials of the Ukrainian Energy online media, the founder of which is DiXi Group, increased by almost a third (28.8%). This is evidenced by Google Analytics data regarding switching to the Ukrainian Energy website from other media resources. During the year, the team also initiated certain transformational changes, in particular, the editorial team partially refocused from B2C to B2B. And also increased the requirements for the quality of speakers for interviews - from now on, they are mainly decision-makers of the energy industry. The number of unique articles, primarily on market topics, has increased. During the year, Ukrainian Energy published more than 100 articles of mostly business content. As a result of the shift to the B2B niche, in 2023, compared to previous periods, the stakeholders of the industry began to use the publications of Ukrainian Energy more often as an information source for discussion.



The year 2023 turned out to be a busy period for DiXi Group - it was possible to hold 25 events both online and offline, which gathered more than 2 thousand participants. These events became a real platform for presentations of the fruitful work of the team, highlighting its achievements and interaction with an active community of stakeholders. The following events are worth noting:

- presentation of the European Green Course: the Green Path to EU membership [online-course](#)² — certified training for civil servants and the public sector.
- presentation of the Energy Security Scoreboard pilot study³ in cooperation with Watchog.MD (Moldova), World Experience for Georgia (Georgia) and Expert Forum (Romania). The result was an assessment of countries' readiness to face threats to energy security and maintain energy sustainability.
- networking with partners on the reconstruction of Ukraine, combining an offline meeting with a charity auction in support of the Ukrainian army. The event was attended by representatives of the embassies of the European Union and the United States of America, as well as DiXi Group partners and experts in the energy industry. In support of the Armed Forces of Ukraine, it was possible to raise more than UAH 50,000.



² https://prometheus.org.ua/course/course-v1:Prometheus+GREEN101+2023_T1

³ <https://dixigroup.org/analytic/zvit-energy-security-scoreboard-2023/>



- the annual Ukrainian Energy Security Dialogue 2023 international conference⁴. 104 participants attended the event offline, 143 - online, almost 500 participants registered. In total, 16 speakers from Ukraine, the EU, and the USA were involved. Deputy Minister of Energy of Ukraine Svitlana Hrynychuk, Head of the World Bank Representation in Ukraine Gevorg Sarkisian, Adviser on Energy Issues of the EU Representation in Ukraine Torsten Wollert, representatives of Ukrainian business are among them. Kurt Volker, former US Special Representative for Ukraine and US Ambassador to NATO, made the closing remarks at the event.



⁴ <https://www.facebook.com/100064660660866/videos/1063042238363007>

WAR AND WE

WEEKLY

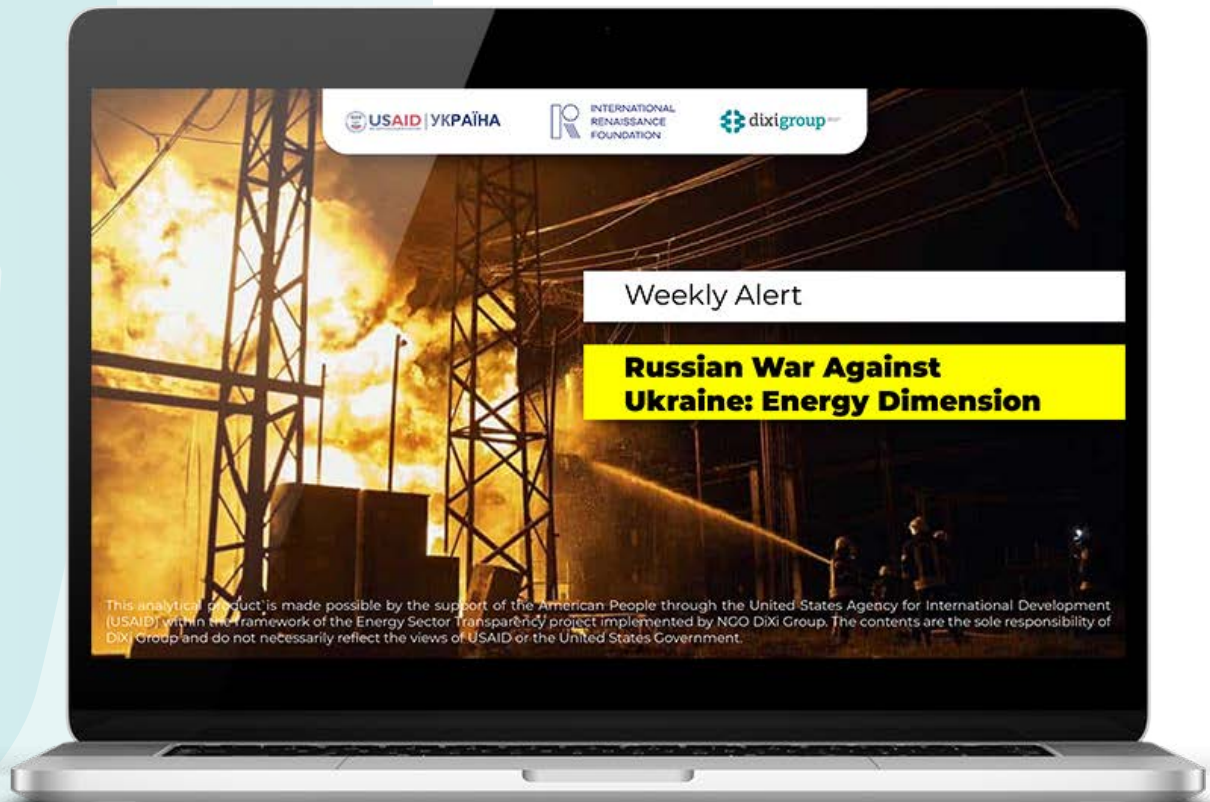
Since the first days of the large-scale Russian aggression against Ukraine, the DiXi Group team has adapted its analytical activities to the needs of wartime. One of the results was the [Russian War Against Ukraine: Energy Dimension](#) daily review, which from March 2023 changed to a weekly format. The product serves to inform a wide range of internal and external stakeholders about key events and trends in Ukraine's energy sector in wartime conditions. Thus, Ukrainians and the international community gained access to a comprehensive and unbiased analysis of the situation, and are also able to make decisions based on verified data and facts.

Weekly reviews are published every Monday in Ukrainian and English. Their content evolved in accordance with the requests of the target audience. If in 2022 the reviews were aimed at comprehensive coverage of the consequences of Russian aggression and countermeasures on the part of Ukraine, then in 2023 the functioning of energy markets, reforms in the sector and international cooperation became additional dimensions. In addition to weekly reviews, special issues devoted to significant events in the sector were also prepared. For example, on June 3, DiXi Group prepared an emergency release in connection with the undermining of the Kakhovka HPP by the occupiers.

At least 12 colleagues are involved in the preparation and distribution of reviews. In 2023, 98 issues were released, and the product audience grew by 40% to 1,100+ subscribers, including representatives of the US Department of State and the Department of Commerce, NATO, the EBRD, the IMF, the OECD, the World Bank, embassies of European countries, UNDP, the European External Action Service (EEAS), European Commission, European Networks of Electricity and Gas Transmission System Operators (ENTSO-E and ENTSOG), etc. The team regularly receives positive feedback from users of the product, as well as point requests within its thematic sections.

Weekly reviews are the result of monitoring more than 100 public sources: websites of authorities, energy companies, local governments, etc. In the course of product preparation, experts process exclusively publicly available information.

The weekly is also an example of synergy between various information and analytical products and areas of activity of DiXi Group. When preparing reviews, experts use data sets collected on the [Energy Map](#) data service. In turn, monitoring within the framework of the weekly serves as the basis for the development of other products: regulatory impact assessments, various analytical materials (expert comments, articles, policy reviews), proposals for draft regulations and other legislative initiatives, etc.



IN 2023, THE DIXI GROUP TEAM HELD 4 CHARITY EVENTS FROM THE ENERGY4VICTORY SERIES.

Energy4Victory is a regular public online meeting with experienced Ukrainian and international speakers, initiated by DiXi Group and aimed at raising funds for the Armed Forces of Ukraine. The purpose of the events is to combine expert discussions on energy security issues with support of the Ukrainian army through donations to Leleka Foundation, a US-based official charitable foundation.

Among the invited speakers in 2023:

- *Andris Piebalgs*, energy expert, European Commissioner for Energy (2004-2010);
- *Dmytro Sakharuk*, Executive Director of DTEK;
- *Olena Antonova*, expert on electricity issues of the Energy Community Regulatory Board, ex-member of the NEPURC;
- *Yelyzaveta Badanova*, Head of the Energy Market Development Group at Naftogaz of Ukraine, member of the Board of the Professional Government Association, senior lecturer at the Kyiv-Mohyla Academy.

More than **100 participants** supported the charity initiative. **Together, we managed to collect and transfer \$3,311 to the Foundation.**



WORK OF THE WORKING GROUP OF THE MINISTRY OF ENERGY ON HUMANITARIAN AID FOR ENERGY SECTOR ENTERPRISES

From the first days of the full-scale invasion, DiXi Group experts joined the work of the Ministry of Energy of Ukraine and became members of the Working Group on Humanitarian Aid in the Energy Sector. DiXi Group has become not just an outside observer, but also an integral part of the operational team responsible for a separate area of work, namely:

- communication and advocacy to increase support for Ukraine in the energy sector;
- design of the process of collection, processing and systematization of requests for assistance from companies, received equipment and optimization of the process of distribution of the provided assistance, in particular in the part of the further development of the AidEnergy information system;
- collection of requests from FEC companies and communication regarding their correct preparation, in particular for procurement with the funds of the Energy Support Fund of Ukraine;
- preparation of distribution projects of received humanitarian aid in accordance with priority criteria;
- machine processing of the results of the meetings of the Working Group (WG) for the automatic preparation of draft letters for aid recipients;
- collection of data from Recipients about the use of the aid received.

In 2023, the team made efforts to digitize processes and launch first a minimum viable product (MVP), and later a full-fledged version of the AidEnergy system - a single window for the coordination and distribution of humanitarian aid to companies of the fuel and energy complex (FEC). This significantly reduced the time to perform a number of processes, as part of the tasks were automated, and for another part, qualitatively structured data became available, which no longer need to be processed manually.

The system provides for the distribution of opportunities and a different level of access to information depending on user roles and has an English localization. The main roles are donor and partner users, energy company users and the working group team.

Over the year, the system has grown significantly both in terms of the amount of information and the pace of its filling, as well as in terms of opportunities for users. Key features include:

- maintenance and administration of the database of sector needs, as well as the level of their provision;
- maintenance and administration of the database of received aid and its distribution among recipients (FEC companies);
- a digitized survey process among companies regarding the readiness to take the proposed humanitarian aid;
- data on needs and consolidated analytics on the geography of aid distribution by categories of needs are available online for donors;

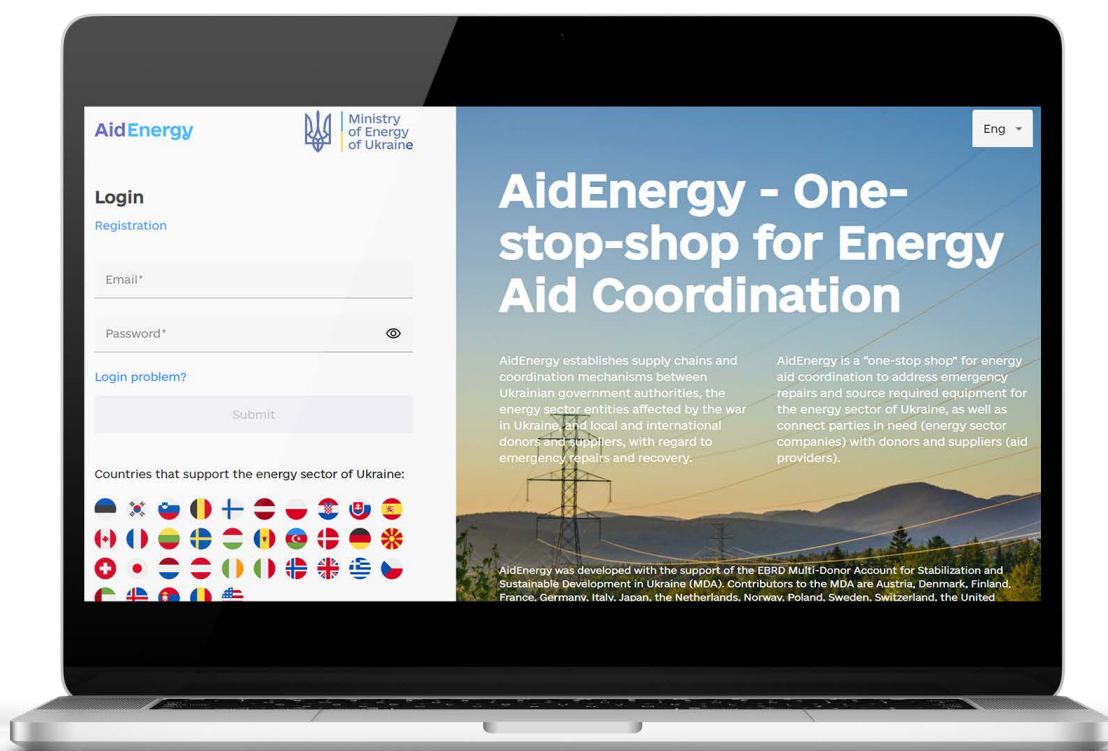
- an opportunity for donors to offer certain equipment and conveniently specify its characteristics and other features (condition, equipment, etc.);
- automation of a number of documents and reports according to a standardized template.

Thanks to AidEnergy, it was possible to significantly speed up communication between all parties and conduct a significant number of parallel surveys among the affected FEC companies regarding the received aid. Therefore, the preparation of draft decisions on the distribution of aid was significantly accelerated, which allowed to increase the intensity of the work of the Working Group before the weekly meetings.

AidEnergy continues to evolve based on current needs and feedback from users. At the next stage of development, it is planned to improve the process of submission of proposals from donors, which will speed up information processing procedures, integration of new user roles, automation of the calculation of the provided aid indicator and other improvements, which will ensure additional transparency and speed of execution of individual tasks of the team.

During the year, the project team, using algorithms, processed the results of 37 WG meetings, which included a total of 151 applications for the distribution of more than 5,500 different items of equipment. Based on this, the team created almost 700 draft unique letters and 1000 appendices to them for 153 recipients (FEC companies) to inform about the distribution of equipment. This significantly speeds up the sending of official correspondence from the Ministry of Energy to recipients. Accordingly, it allows to reduce the time of humanitarian aid in logistics warehouses and increases throughput.

The project team also started collecting information on the use of distributed humanitarian aid by recipients. During the work, text and photo reports were collected for about 15% of the distributed aid. Based on this data, the team prepared 52 draft thank-you letters for donors who provided aid.

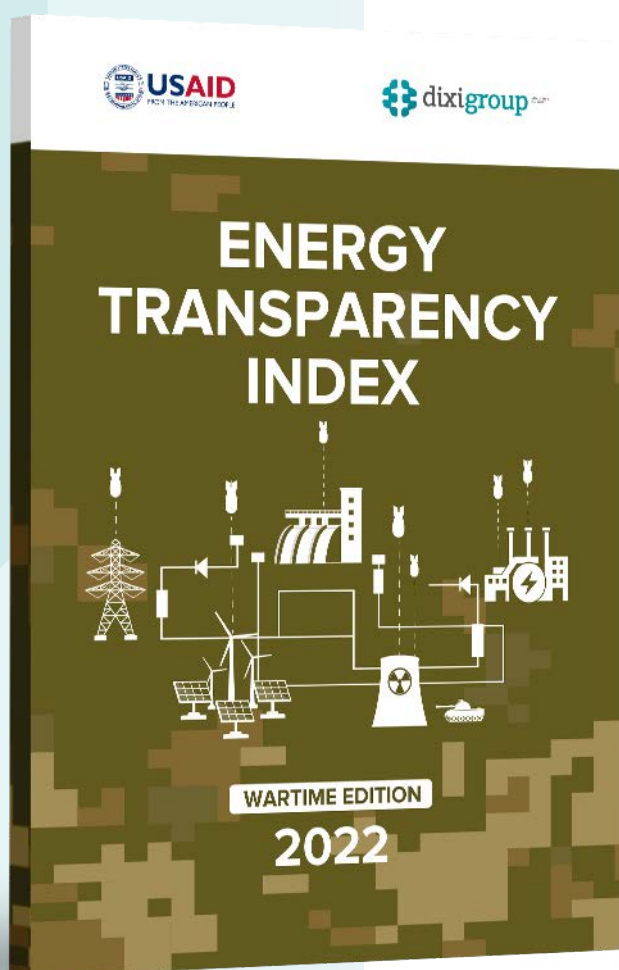


TRANSPARENCY AND REFORMS

ENERGY TRANSPARENCY INDEX

The DiXi Group team continued to evaluate the information openness of the sector with the help of the Index. The use of this tool has already become a good tradition for assessing the real situation and identifying gaps in data disclosure, analyzing Ukraine's fulfillment of obligations and using the best global practices of transparency and accountability. It also helps to track the dynamics of the situation, analyze challenges in the sector in more detail and conduct advocacy.

The [assessment of 2022](#), based on 228 indicators, revealed a significant regression (-24 points), caused by the factor of a full-scale war with the Russian Federation and the introduction of martial law in the country. Ukraine's final score was 39 out of a possible 100, which indicates that it has entered the zone of unacceptable transparency. Based on the root cause analysis, we developed targeted recommendations to the authorities to improve the availability of information in the sector during martial law and beyond. For your convenience, the team maintains the Index [website](#), where all evaluation results for 2018-2022 are presented.



- The index includes 61 indicators by 6 energy sectors, 14 sub-sectors and 100 indicators.
- A total of 140 indicators are included.
- A methodology of 100 indicators is used to assess the quality of information in the energy sector.
- The indicators are grouped into 10 categories.

The index has been based on the indicators that are considered by need to be available to the public. The indicators are grouped into 10 categories. The indicators are grouped into 10 categories. The indicators are grouped into 10 categories.

- The assessment found that 41% of the 2023 Index indicators (25 out of 61) are subject to a legal obligation on publication. In total, 47 indicators (77%) are subject to a legal obligation to publish.

Scores by category

Category	Number of indicators	Score	Compared to the 2021 Index	Grade	Characteristic
1. Demand	9	71	-27	F	Unsatisfactory transparency
2. Natural monopolies	71	47	-26	D-	Insufficient transparency
3. Supply	55	77	-26	F	Unsatisfactory transparency
4. Reliability and security	18	25	-26	F	Unsatisfactory transparency
5. Consumption	43	49	-21	D	Insufficient transparency
6. Reporting	52	55	-26	F	Unsatisfactory transparency
7. Policy	23	47	-13	D-	Insufficient transparency
8. Public authorities	16	52	-26	F	Unsatisfactory transparency
Total 2023 Index score	228	38	-24	F	Unsatisfactory transparency



- The index measures transparency by the energy markets and energy sector issues. After a gradual improvement over several years, caused mainly by the development of the legal framework and regulation, the information openness of energy markets in wartime conditions showed a significant setback caused by the same factors, in particular, since the 2022 Index release.

The legal mechanism of publication of indicators is not uniform. This is due to the fact that the government has not yet established a uniform system of indicators. The indicators are not published in a uniform manner. The indicators are not published in a uniform manner.

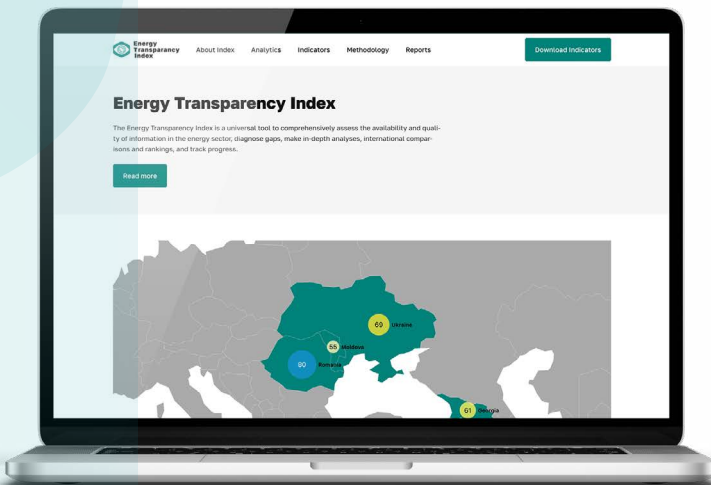
Scoreboard by energy market

Category	Natural gas	Electricity	Oil and liquid fuels	Steam coal	Heat
1. Balance	18	18	18	18	18
2. Natural monopolies	56	41	18	18	18
3. Supply	36	43	28	51	25
4. Reliability and security	60	18	18	18	18
5. Consumption	41	52	16	16	43
Sectoral sub-index	47	41	14	28	43
Compared to the 2021 Index	23	33	0	24	-26



Energy sector	Natural gas	Electricity	Oil and liquid fuels	Steam coal	Heat	Total score
Number of indicators	61	65	22	5	11	56

The most eloquent evidence of the need for the Index is the fact that it has spread to other countries. The project, supported by the Open Government Partnership (OGP), provides for the third assessment, which, in addition to Ukraine, covers Georgia, Moldova and Romania. International comparison and ranking creates better incentives for national governments to continue reforms and improve the transparency of energy markets. The team also launched the [international](#) Index website.



REGULATORY IMPACT ASSESSMENT

In 2023, DiXi Group began to be engaged in a new type of analytical activity - regulatory impact assessment (RAI). Such research is the best European practice in law-making, public policy-making and regulation, as well as decision-making support. Analysts conducted a [pilot study](#) on RAI of the implementation of a new mechanism for supporting the development of renewable energy sources (RES) based on self-production of electricity by active consumers (Net Billing).

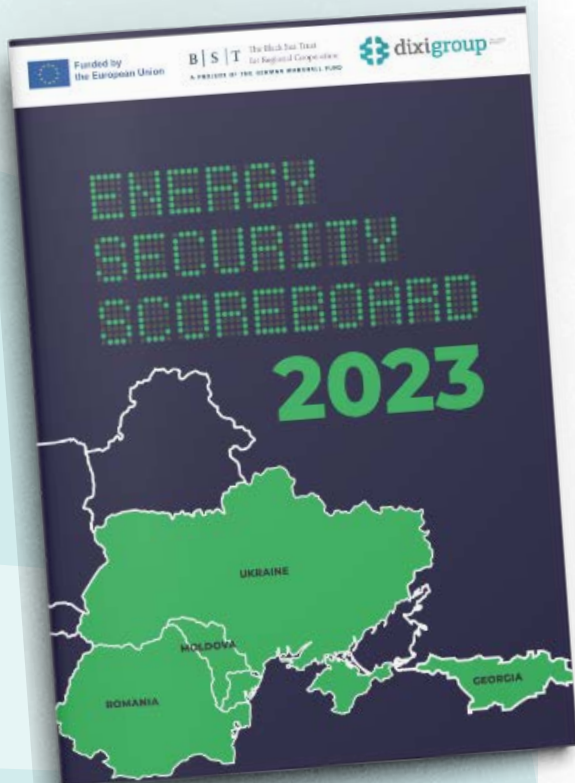
The scenario assessment made it possible to determine the potential effects of Net Billing for market participants – consumers, operators of distribution and transmission systems, manufacturers and suppliers – and to formulate recommendations to stakeholders. A gradual reduction in the volume of transmission and distribution of electricity and an increase in the corresponding network tariffs, which will be partially compensated by a decrease in the wholesale price of electricity due to increased competition, are expected among the main short-term consequences. In general, the effect of a complex of these factors may cause a slight increase in the retail price of electricity for consumers (by 1-2%), and the Net Billing mechanism will contribute to improving the reliability of electricity supply to consumers.



ENERGY SECURITY SCOREBOARD

Another new analytical product that the team developed in 2023 was the [Energy Security Scoreboard](#) - a tool for assessing the institutional readiness of countries to identify, prevent and eliminate energy security risks. The pilot study was based on 40 indicators based on EU best practices in the field of energy security. The study covered 4 countries of the region (Ukraine, Romania, Moldova and Georgia), which confirmed the universality of the product. Its international application made it possible to compare the readiness of the participating states for risks in energy security, to identify common weaknesses, as well as best practices.

The main gap of all the countries analyzed in the study is the lack of effective regional cooperation mechanisms in the field of gas and electricity supply security, in particular joint risk assessment and planning. Proper reporting is also a chronic problem. To improve preparedness for risks, participating countries should accelerate the implementation of the EU Clean Energy for all Europeans legislative package and develop regional cooperation.



Funded by the European Union | B|S|T The Black Sea Trust for Regional Cooperation | dixigroup

Ця публікація була профінансована Європейським Союзом. Її зміст є виключною відповідальністю ГО "Діксі Груп" і не відображає погляди Європейського Союзу.

Думки, висловлені в цій публікації не відображають погляди Чорноморського фонду Регіонального Співробітництва або його партнерів



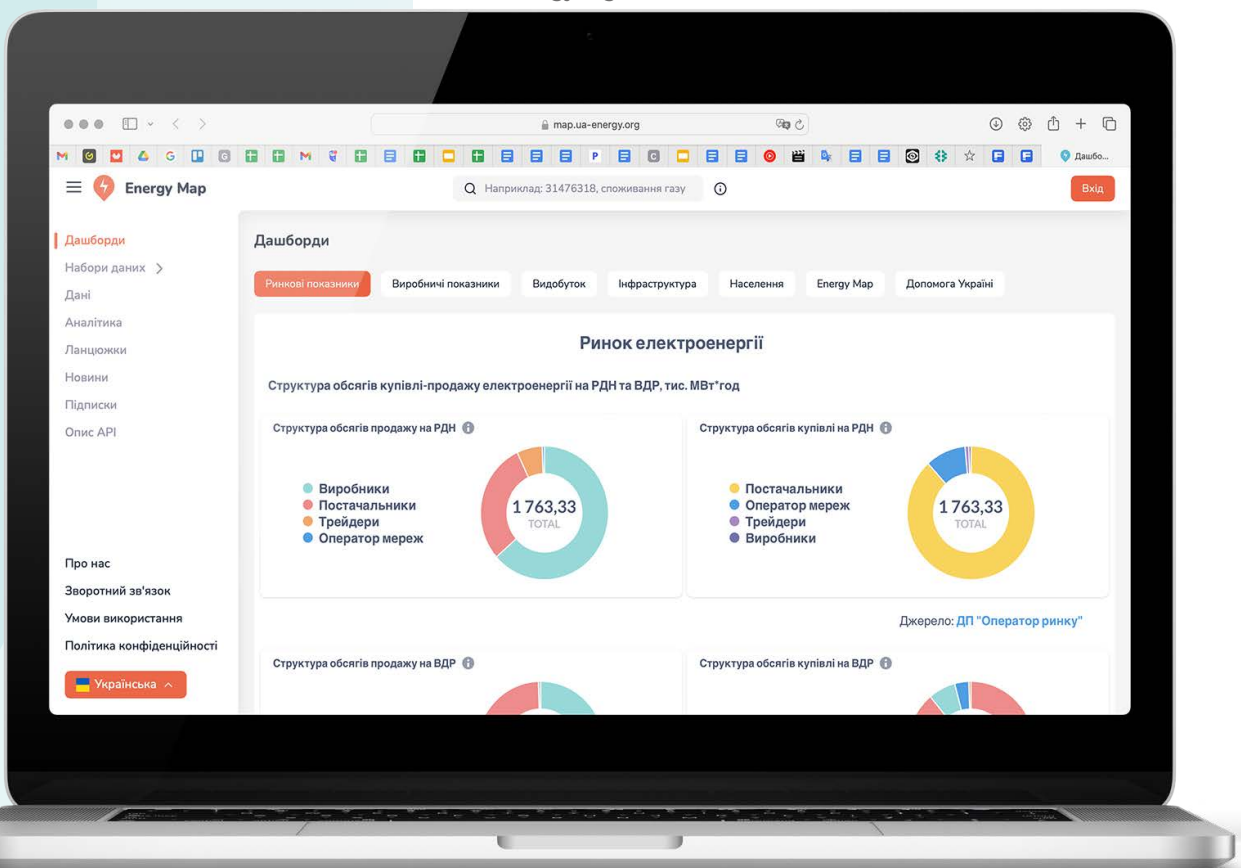
ENERGY MAP

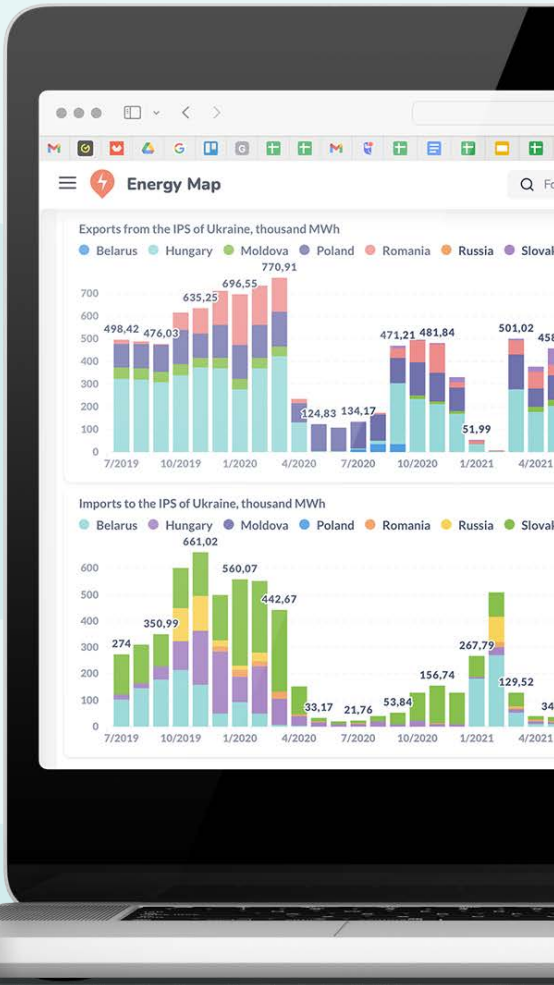
The team is developing the [Energy Map](#) service, and over 50 new data sets on recovery projects and the impact of the full-scale war on the sector, emissions and waste, and trade will be available to users through 2023.

Service users get access to completely ready-to-use data that does not require any modifications. All published datasets meet the highest quality criteria: they are structured, cover the maximum available time period and immediately have the necessary identifiers, which allows combining them with other data. Each data set also contains a description of the information so that users clearly understand the content of the data and the existing limitations.

Today, the Energy Map is the largest database of official data on all energy sectors of Ukraine. The portal combines 424 unique datasets from 30 Ukrainian and 6 European data managers - from the extraction of primary resources to final consumption⁵.

⁵ Скрін дашборду з кількістю даних: <https://map.ua-energy.org/uk/dashboards/13/>





The portal has a full English localization, in addition, all data is 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. The geography of registered users extends to EU countries, USA, Great Britain and Japan.

The Energy Map remains the only source of historical energy data, which was removed from publication on February 22, 2022 in connection with martial law. In 2023, a quarter of downloads were accounted for by such information. However, administrators have been proactive in re-publishing, and 30 datasets have been republished and updated since the start of the large-scale invasion. According to service analysts, the share of closed data decreased from ~60% to ~50%.

The team continues to monitor the impact of the war on the energy sector and publishes the collected information in a separate [section](#)⁶. Summary information 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 is available to users.

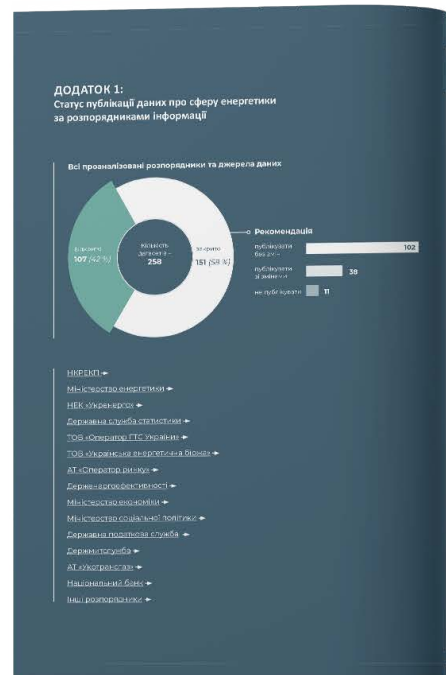
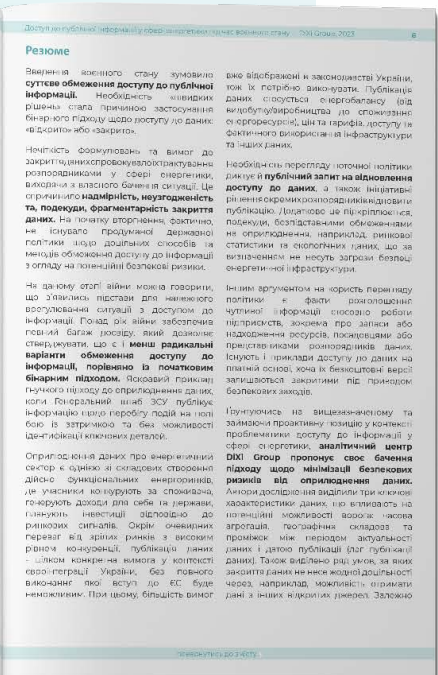
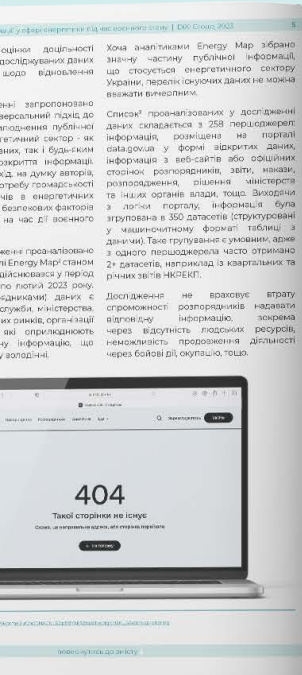
The team regularly conducts trainings and workshops for users on the use of the Energy Map: available tools, opportunities to facilitate work and use of collected data. In particular, a series of educational trainings was held for journalists and editors of Forbes Ukraine, Economic Truth, Ukrainian Energy, and Top Lead employees. The team advised the media on the specifics of working with the Energy Map and helped in finding data for future materials.

⁶ <https://map.ua-energy.org/uk/datasets/category/61>

OPEN DATA

Open data supports the transparency of management and the development of energy markets, as public access to official statistics is key to strengthening trust in the actions of authorities and effective business planning of market participants. However, at the end of 2023, most of the data, including the most relevant to users about production and consumption, remains closed to the general public. The team did not record any systemic changes in the situation or actions by the Government, the Ministry of Energy or administrators to solve the problem.

DiXi Group published the [Access to Public Information in the Field of Energy During Martial Law](#) study. The team carried out a comprehensive assessment of access to public information in the energy sector of Ukraine and conducted an assessment of security risks from its disclosure under martial law. The study included an analysis of the situation as of January 1, 2023, and was based on 258 primary sources of data from 23 administrators, published on the Energy Map before martial law was imposed on February 24, 2022.



Рекомендації по кожному датасету

Назва датасету	Рівень доступу	Рівень безпеки даних	Висновок
Потенціал встановленої потужності	Високий	Високий	Публікація без ризиків
Класифікація енергетичних об'єктів	Високий	Високий	Публікація без ризиків
Планування енергетичних об'єктів	Високий	Високий	Публікація без ризиків
Висхідні та зворотні потоки енергії	Високий	Високий	Публікація без ризиків
Список енергетичних об'єктів	Високий	Високий	Публікація без ризиків
Планування енергетичних об'єктів	Високий	Високий	Публікація без ризиків
Планування енергетичних об'єктів	Високий	Високий	Публікація без ризиків
Планування енергетичних об'єктів	Високий	Високий	Публікація без ризиків
Планування енергетичних об'єктів	Високий	Високий	Публікація без ризиків
Планування енергетичних об'єктів	Високий	Високий	Публікація без ризиків

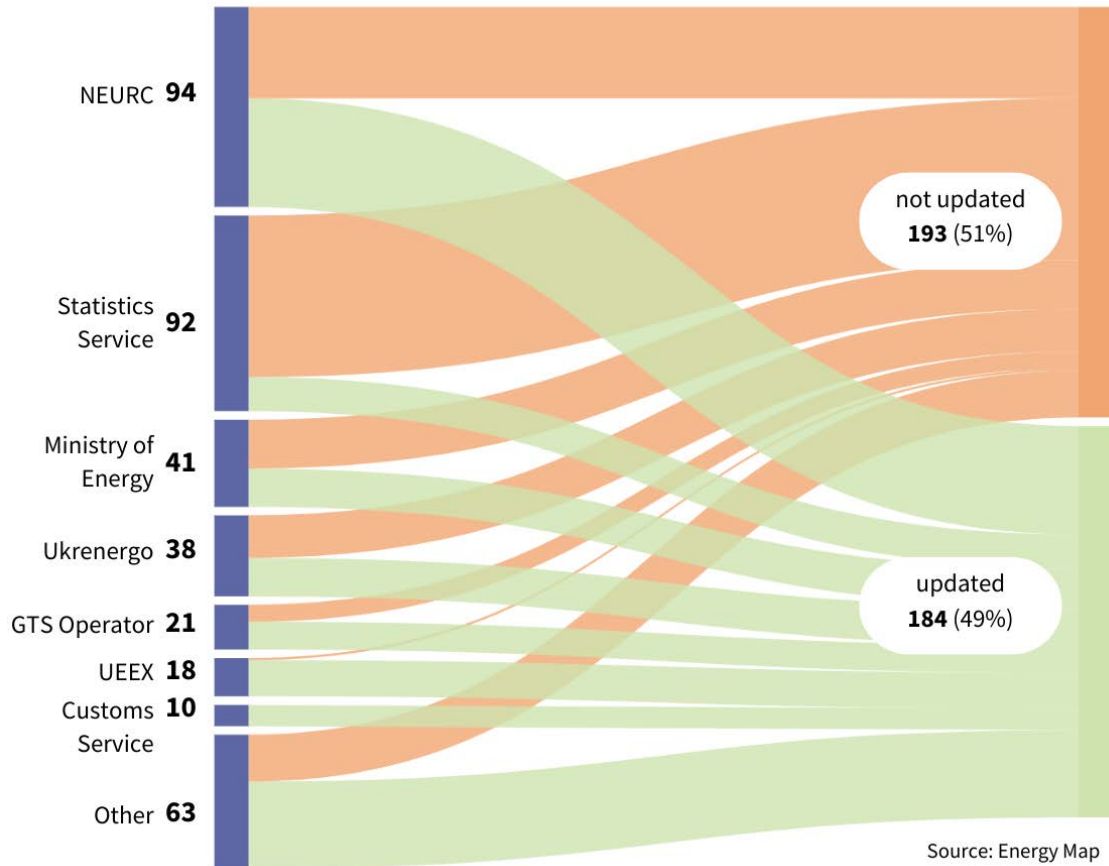
⁷ https://digixgroup.org/wp-content/uploads/2023/05/doslidzhennya_dostup-do-informaciyi-v-enrgetycki_final-vid-08.05-1.pdf



According to the results of the assessment, only 41.5% (107) of the datasets continue to be made public. Of these, for 25 sets, administrators resumed publication from June 2022. The remaining 151 datasets (58.5%) remain closed. According to the findings, 93% of closed energy data can be made public, sometimes with minor adjustments to its structure or detail.

STATUS OF ENERGY DATA UPDATE BY DATA CONTROLLERS

01.01.2024



As a follow-up, the team did a [case study](#) on issues with data closure. 42 interviews were conducted with market participants, experts and journalists who use open data in their daily work. Key interview questions related to the use of specific data sets and the tasks they solve for users, as well as the problems to which closing of information has led to. Based on the results of the case study, it was possible to identify three types of consequences of data closure:

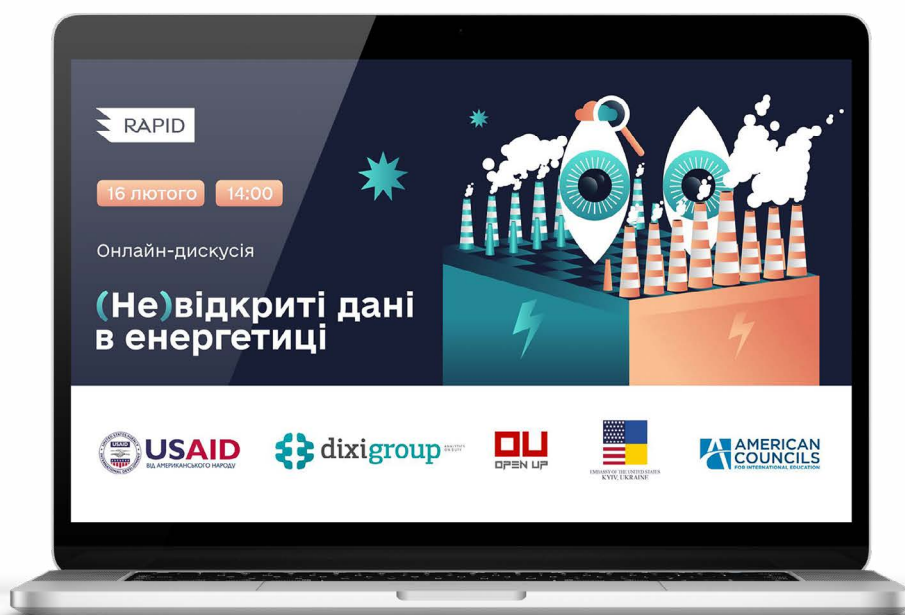
- Blind planning of the product portfolio by the business, so all risks are converted into the price for the end consumer;
- business planning from the calculation of expected financial indicators of the company or the construction of a new project to the macroeconomic assessment of the impact of the energy sector is significantly complicated;
- the shortage and fragmentation of data make it impossible to conduct research or evaluate Government decisions.

The team communicated these problems to the Ministry of Energy of Ukraine, and also proposed a possible solution based on the results of both studies: to formulate with the security authorities the risks of publishing the most necessary data for users, taking into account the application of restrictions (delayed publication, aggregation or exclusion of certain indicators). According to studies, such a compromise option will allow users to access information without waiting for the end of martial law, and at the same time will not reveal sensitive information to the enemy.

The open data team helped the NEPURC launch the formation, updating and publication of the Register of Wholesale Energy Market Participants. In particular, DiXi Group experts participated in the development of business processes for the creation and maintenance of the Register, which includes the collection and verification of data, the assignment of ECRB codes and the formation of the Register in accordance with the requirements. The start of operation of this Register is one of the important steps in the implementation of the REMIT regulation. As of the end of 2023, 1,281 Ukrainian and 22 foreign individuals and legal entities are registered as participants in the wholesale energy market. From February 1, 2024, only registered entities will be able to carry out transactions with wholesale energy products.

From the beginning of the invasion, DiXi Group also continued to support the Regulator's team in ensuring the functioning of the NEPURC License Register, despite its closure. In our opinion, this is an unjustified decision, so our experts argued for the restoration of the publication. Together with colleagues from the NEPURC, we considered many options for the method of publication and the level of detail. And in December 2023, the regular publication of two sets of data was finally resumed: the [NEPURC License Register](#) and its derivative - the [Register of Licensed Business Entities](#).

By the end of 2023, the activity of the NEPURC is digitized. All collection, accounting and processing of reporting and statistical information is performed using Excel. In the fall, the Ministry of Digital Transformation of Ukraine presented a new system solution for similar situations - Diia.Engine. The team, together with the specialists of the Regulator, are studying the possibilities of a decision regarding digitalization with its help of the processes of formation and maintenance of the registers of the NEPURC. Digitization of such typical business processes would make it possible to organize processes much better both for customers of public services (energy companies) and to automate the publication of data, which would increase their value for users.



GREEN RECOVERY AND DEVELOPMENT

EXTRACTIVE INDUSTRIES TRANSPARENCY INITIATIVE

1. During the Global Conference of the Extractive Industries Transparency Initiative (EITI) 2023 held in Dakar (Senegal) in June, it was announced that Ukraine is one of the three countries that received a prestigious award from the EITI 2023 Chairs Award. The award was received on behalf of the Ukrainian team by President of DiXi Group, Olena Pavlenko, as Deputy Head of the Ukrainian MGIP (a multilateral group of interested parties implementing the Initiative in Ukraine)⁸. On the way to the implementation of EITI principles, Ukraine demonstrated systematicity, stability and the ability to overcome challenges.



⁸ <https://dixigroup.org/ukrayina-otrymala-nyzku-vidznak-inicziatyvy-prozorosti-vydobuvnyh-galuzej/>

2. The conference approved the new composition of the Management Board of the EITI for 2023-2026. In the new Board, Ukraine is represented in the public sector by President of DiXi Group Olena Pavlenko⁹.



3. October 2023 marks 10 years since Ukraine became a candidate country for participation in the Extractive Industries Transparency Initiative. On this occasion, on November 1, DiXi Group think tank, in cooperation with the International Renaissance Fund, the Ministry of Energy of Ukraine and with the support of USAID, organized the 10 years of the Implementation of the EIA in Ukraine: Achievements and Prospects conference»¹⁰.



⁹ <https://dixigroup.org/prezydentka-dixi-group-predstavlyatyme-ukrayinu-v-novoobranomu-pravlinni-inicziatyvy-prozorosti-vydobuvnyh-galuzej/>

¹⁰ <https://dixigroup.org/10-rokiv-inicziatyvy-prozorosti-vydobuvnyh-galuzej-v-ukrayini-predstavlennya-novogo-standartu-dosyagnennya-ta-vyklyky-pid-chas-vijny/>

4. More than 100 participants joined the conference physically and via Zoom. The number of views of the broadcast on social networks on the first day reached 220. The event was attended by USAID Acting Mission Director Teodora Dell, Deputy Ministers of Energy of Ukraine Svitlana Hrynychuk and Farid Safarov, Executive Director of the EITI Mark Robinson, representatives of the Association of Energy Transparency and Civil Society. Helen Clark, Chair of the EITI Board, gave an online opening speech in which she acknowledged that Ukraine's success in implementing the Standard, even during wartime, is impressive and that the country is an example of best practice in the region.



5. At the beginning of November 2023, Olena Pavlenko, President of Dixi Group, was elected to the Multilateral Group for the implementation of the EITI as a representative from the public ¹¹.

¹¹ <https://eiti.org.ua/2023/11/hromadskist-vyznachylasia-zi-svoimyi-predstavnykamy-u-bahatostoronniy-hrupi-initsiatyvy-shchodo-zabezpechennia-prozorosti-vydobuvnykh-haluzey/>

COOPERATION WITH TERRITORIAL HROMADAS OF UKRAINE

1. On June 30, DiXi Group became an associate partner of the European [Alliance of Cities and Regions for the Restoration of Ukraine](#)¹². The Alliance calls for the sustainable recovery of Ukraine, which is based on such principles as: steadfast support of Ukraine's territorial integrity and the right to defend its sovereignty; further European integration and access of local and regional authorities of Ukraine to European initiatives; empowering local self-government to take a leading role in recovery and reconstruction together with the central government of Ukraine, the EU and other international partners.
2. With the support of the Dutch government (MATRA program) and the European Climate Fund (ECF), in September 2023, the DiXi Group team started a project to develop Municipal Energy Plans (MEPs) for 10 selected territorial hromadas in accordance with the principles of green recovery, taking into account their energy needs and resource potential¹³.

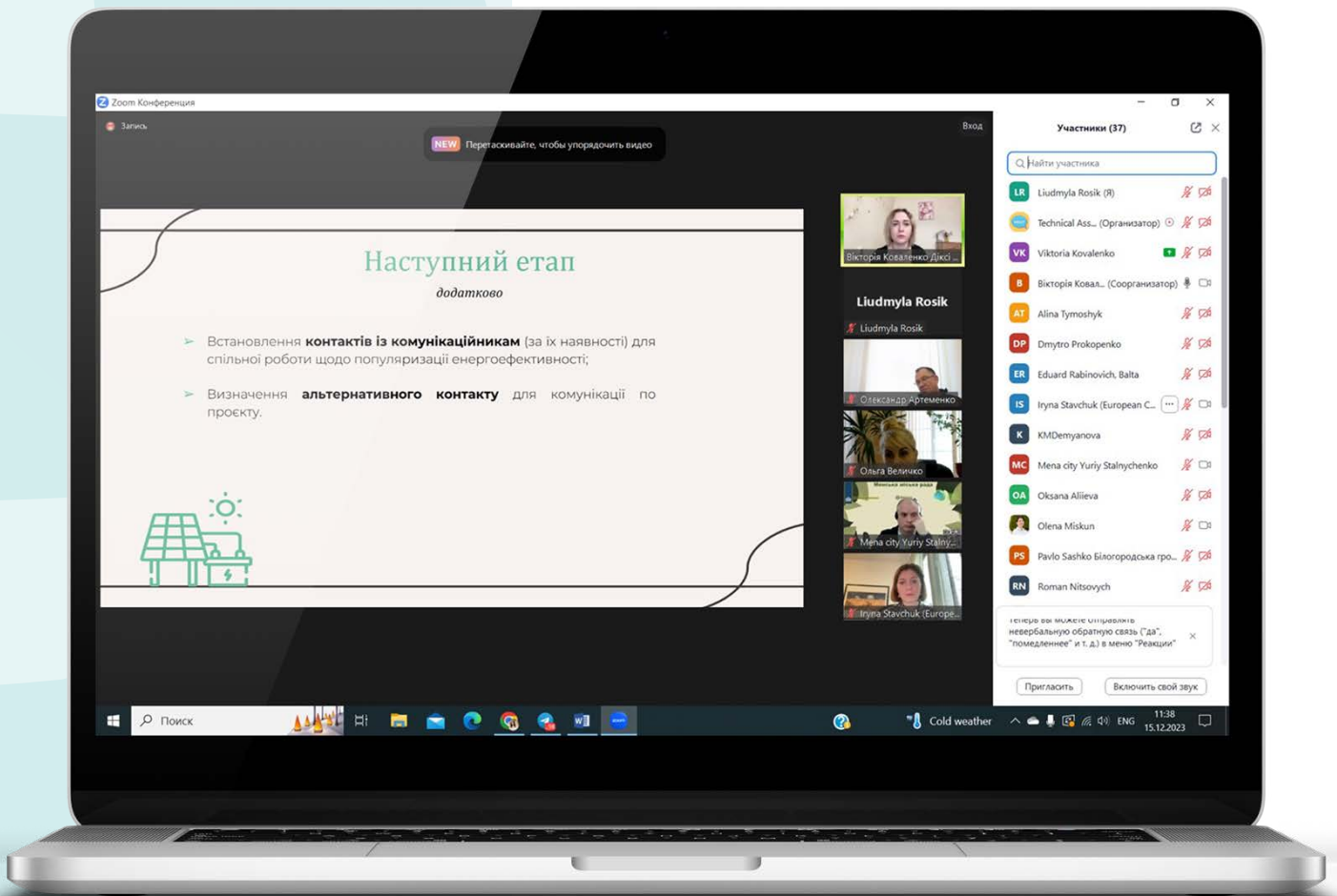


¹² <https://dixigroup.org/dixi-group-stala-asoczijovanympartnerom-yevropejskogo-alyansu-mist-i-regioniv-dlya-vidnovlennya-ukrayiny/>

¹³ <https://dixigroup.org/desyat-ukrayinskyh-gromad-za-pidtrymky-dixi-group-rozroblyat-municypalni-energetychni-plany-za-pryncypamy-zelenogo-vidnovlennya/>

Hromadas will receive expert support in determining the goals and ways of implementing MEPs, based on the specifics of the location region, the legal framework, international obligations, the requirements of European energy legislation, as well as their own financial capabilities. The development of relevant plans by 2024 is a mandatory requirement for local self-government authorities in accordance with Law of Ukraine On Energy Efficiency.

In addition, experts will assess the resource potential of communities and provide recommendations on energy efficiency measures, development of renewable energy projects, and innovative solutions on the way to green recovery.



THE KSEP PROFESSIONAL COMMUNITY

The Kyiv School of Energy Policy (KSEP)

In 2023, the team of the Kyiv School of Energy Policy implemented a number of projects aimed at expanding international ties in the field of rebuilding Ukraine, developing renewable energy, and increasing the capacity of communities.

It is extremely important to note the partners of the School, thanks to which these achievements became possible: DiXi Group, Pacific Northwest National Laboratory (PNNL), LibMod - Zentrum Liberale Moderne, FES-Ukraine, Helmholtz-Zentrum Berlin, Net Zero World.

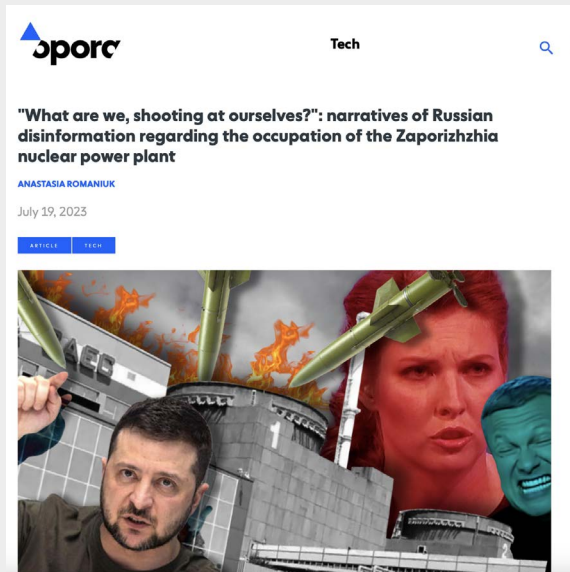
1. During the year, the School conducted training for 43 employees of [Atmosfera LLC](#) on a three-month *English for Energy Markets* course for 17 employees of [DTEK ENERGO](#), and 35 employees of [NPC Ukrenergo](#). Industry specialists mastered the course program and the necessary energy vocabulary. Upon its completion, the students received certificates and continued their studies at higher levels with the teachers of the School.



2.

In 2023, the School published more than 25 analytical materials on Ukrainian Energy, OPORA, VoxCheck resources, which are aimed at debunking myths and countering misinformation in the energy sector.

It is worth highlighting a few:



https://www.oporaua.org/en/polit_ad/24809-shcho-zh-tse-mi-sami-po-sobi-striliaiemo-narativirosiiskoyi-dezinformatsiyi-shchodo-okupatsiyi-zaporizkoyi-atomnoyi-elektrostantsiyi-24809



<https://www.facebook.com/ksep.energy/posts/pfbid0dCs7QthPVRpgwKrAWuxMD8Xz73gTETR9wragmveZq4pnNulu1UVkEQfWY2L7vHvV1>

Analytical materials also became the basis for holding 3 webinars on countering disinformation and raising awareness about the nuclear energy industry of Ukraine. More than 30 participants took part in the series of events.

3.

In September, the School held Power Up energy, an offline event for graduates.

The participants of the event were specialists and industry specialists, representatives of the Ministry of Energy of Ukraine, the Verkhovna Rada of Ukraine, the Cabinet of Ministers of Ukraine, state-owned energy companies, graduates of the Strategic Transformations, Energy Law and Regulation in the EU and English for Energy Markets courses.

During the event, the Future of the Energy System of Ukraine and the World discussion panel and a presentation of DiXi Group's analytical tools were held.



The event also coincided with the official completion of the EU Energy Law and Regulation course, which was completed by 10 participants of the Ministry for Communities, Territories and Infrastructure Development of Ukraine.

In 2023, the community of the Kyiv School of Energy Policy grew to 1,000 graduates and users of educational products.



It is thanks to everyone's investment in learning that we remain united in our work for our common victory. The School team believes in the power of education as a tool for change and development.

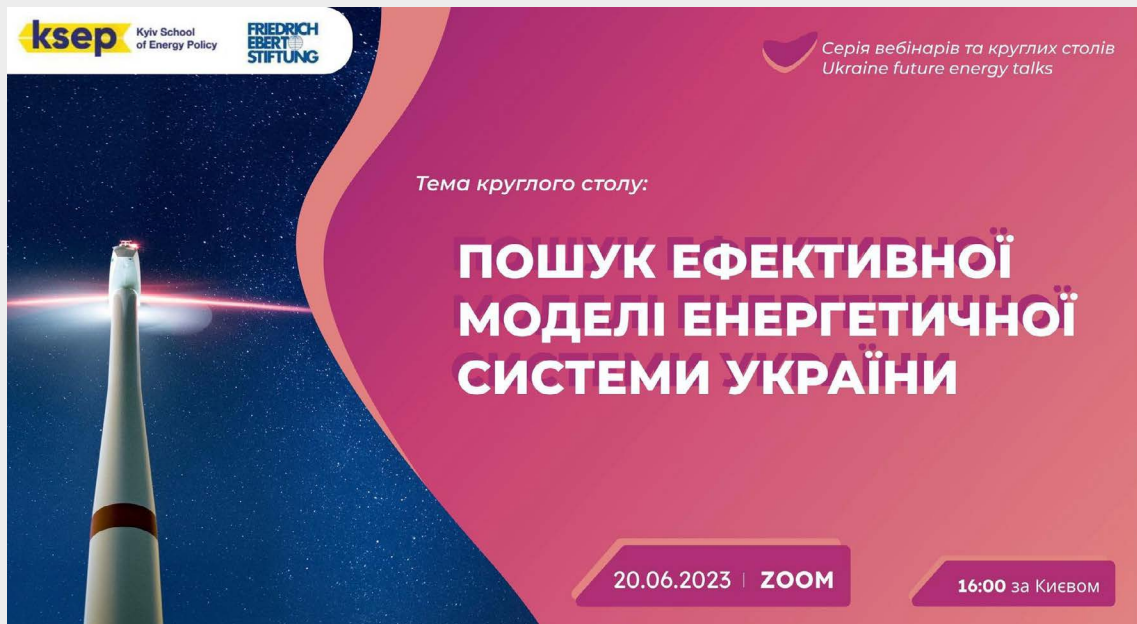
4.

In November 2023, the School implemented an educational expedition for the alumni community to a thermal generation facility in the city of Zhytomyr (thanks to the financial support of FES-Ukraine).



5. The KSEP, in cooperation with FES-Ukraine, held several round tables on the Search for an Effective Model of the Energy System of Ukraine topic.

During the round tables, the participants discussed the challenges and opportunities of centralized energy systems, and why it is important, the assessment of losses and the search for an efficient energy system for Ukraine. The round tables gathered 200+ listeners, and the speakers were leading experts and scientists in the field of energy. View the recording of the discussions on the School's YouTube channel¹⁴: <https://youtu.be/Jpfsjk1LwSw>



6. The Kyiv School of Energy Policy (KSEP) actively participates in the Green Deal Ukraine project in cooperation with Helmholtz-Zentrum Berlin and partners from Poland, Italy and Ukraine. The goal of the project is to provide independent and scientifically based recommendations for the creation of sustainable energy systems. This four-year project, funded by the German Federal Ministry of Education and Research, started on June 1, 2023.

Through education, the School will contribute to a better future of the energy sector of Ukraine. Together with other respected partners, KSHEP will work on the development of solutions and promote the implementation of sustainable energy practices in Ukraine.



¹⁴ <https://youtu.be/Jpfsjk1LwSw>

SAFETY AND SUSTAINABILITY

In 2023, the think tank strengthened its work in the area of energy security and sustainability, as this issue during the time of full-scale war and constant enemy attacks on the energy infrastructure became one of the biggest challenges for the country. DiXi Group experts carried out monthly monitoring of the state of energy security in order to track the effectiveness of decisions at the level of Ukraine and the EU and develop recommendations for increasing the level of energy security.

ANALYTICAL WORK

In the area of energy security and sustainability, the DiXi Group team conducted a number of studies and published 6 analytical materials with the support of Renaissance foundation:

- [Impact of Electricity Imports on the Energy Security of Ukraine](#)¹⁵
- [Import of LPG of Russian Origin to Ukraine: How Much Does the Aggressor Earn](#)¹⁶
- [Development of Distributed Gas Generation in Ukraine: Strategy and Tactics](#)¹⁷
- [Coal-Fired Generation: Cannot be Closed to Leave](#)¹⁸
- [Should There be EU Sanctions Against Russian LNG?](#)¹⁹
- [5 Facts About Rosatom. What is the Threat to the World of Cooperation with a Russian Corporation?](#)²⁰

¹⁵ <https://dixigroup.org/analytic/vpliv-importu-el-ektoenergi%d1%97-na-energetichnu-bezpeku-ukra%d1%97ni-dixi-group-alert/>

¹⁶ <https://dixigroup.org/analytic/import-lpg-rosijskogo-pohodzhennya-v-ukra%d1%97nu-skilki-zaroblya%d1%94-agresor-dixi-group-alert/>

¹⁷ <https://dixigroup.org/analytic/rozvytok-rozpodilenoyi-gazovoyi-generacziyi-v-ukrayini-strategiya-i-taktyka/>

¹⁸ <https://dixigroup.org/analytic/vugilna-generacziya-zakryty-ne-mozhna-zalyshyty/>

¹⁹ <https://dixigroup.org/analytic/chy-buty-sankcziyam-yes-proty-rosijskogo-Ing/>

²⁰ <https://dixigroup.org/analytic/5-faktiv-pro-rosatom-chim-svitu-zagrozhuje-podalshe-spivrobotnicztvo-z-rosijskoyu-korporacziyeyu/>

In the framework of cooperation with the National Endowment for Democracy, analytical documents, devoted in particular to issues of energy security at the regional Eastern European level, have been prepared:

[Gas Hub: What Ukraine Offers to European Partners](#)²¹

[Will the Export of Electricity Help Restore the Power System?](#)²²

ENERGY SECURITY DIALOGUE

The main event in 2023 was the DiXi Group Ukrainian [Energy Security Dialogue](#) annual conference²³, which took place on December 12 and was dedicated to the stability and restoration of the Ukrainian energy system. Ukrainian, European and American experts and officials joined the discussion on how to make the country's energy system more resistant to external and internal security challenges.



²¹ <https://dixigroup.org/analytic/polisi-bryf-gazovyj-hab-shho-ukrayina-proponuye-yevropejskym-partneram/>

²² <https://dixigroup.org/analytic/polisi-bryf-chy-dopomozhe-eksport-elektroenergiyi-vidnovyty-energosityemu/>

²³ <https://dixigroup.org/anons12-grudnya-konferenciya-ukrainian-energy-security-dialogue-stijkist-ta-vidnovlennya/>

ADVOCACY WORK

Particular attention was paid to the advocacy of strengthening sanctions against the energy sector of the Russian Federation, in particular, President Olena Pavlenko, Vice President Anton Antonenko, and DiXi Group Head of Research Roman Nitsovych met with representatives of Congress, the State Department, and the US Treasury Department as part of an [advocacy trip](#) to the United States. During the meetings with Congressman Lloyd Doggett and the team of Congressman Michael Quigley, the team focused on the issues of sanctions against the Russian Federation in the energy sector.

The think tank team also made an advocacy visit to Brussels, where meetings were held with representatives of the Directorate-General for Financial Stability, Financial Services and Capital Markets Union (DG FISMA) and with Member of the European Parliament Andrius Kubilius.

In order to develop recommendations on approaches to the introduction of sanctions against the Russian state corporation Rosatom, with the support of the National Endowment for Democracy, the [Nuclear Sanctions: There are no Simple Solutions policy brief](#)²⁴ was prepared and published. The document was presented at a [round table](#) in Sofia (Bulgaria)²⁵ dedicated to the efforts of the countries of the Black Sea region in countering Russian economic and political influence, organized by the Center for the Study of Democracy (CSD).



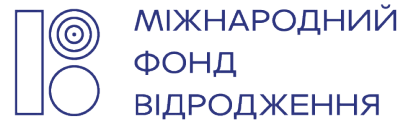
²⁴ <https://dixigroup.org/analytic/policy-brief-atomni-sankczi%20%97-prostih-rishen-nema%20%94/>

²⁵ <https://dixigroup.org/prysutnist-rosiyi-v-atomnij-galuzi-bagatoh-krayin-svitu-vzhe-ye-pytanniam-svitovoyi-yadernoyi-bezpeky-ekspertka-dixi-group-u-sofiyi/>

FINANCIAL REPORT

INCOME	тис. грн	%
United States Agency for International Development (USAID)	21,665	36.17
International Renaissance Foundation	10,401	17.36
MATRA program of the Embassy of the Kingdom of the Netherlands in Ukraine	9,185	15.33
The European Commission	8,176	13.65
The Government of the United Kingdom of Great Britain and Northern Ireland	7,581	12.66
European Climate Foundation	1,717	2.87
Zentrum für die liberale Moderne gGmbH (LibMod)	580	0.97
Open Government Partnership Europe	317	0.53
The Black Sea Trust for Regional Cooperation	228	0.38
Publish What You Pay	32	0.05
Individuals	19	0.03
Total	59,899.88	100

SUPPORTERS:



EVERYTHING WILL BE UKRAINE!



Annual report 2023

