The original text of the business plan is in Russian

"Approved"

at a meeting of the Supervisory Board of JSC "UZBEKGEOFIZIKA" Protocol of "7" June 2021

"Accepted"

at the meeting of the General Meeting of Shareholders of JSC "UZBEKGEOFIZIKA" Protocol of "1" July 2021

## **BUSINESS PLAN**

# Joint Stock Company "UZBEKGEOPHYSICS" for 2021

Name of the organization acting as a shareholder (participant, founder ) on behalf of the state

Agency for Management of State Assets of the Republic of Uzbekistan of the Ministry of Finance of the Republic of Uzbekistan

Departmental affiliation

State Committee of the Republic of Uzbekistan for Geology and Mineral Resources

Mailing address,

e-mail address Republic of Uzbekistan, 111227, post office Tashkent region. Kibray district.

STIR 201 577 724

Chairman of the Board

First Deputy Chairman Deputy

Chairman Deputy

Chairman Deputy

Chairman Deputy

Chairman Deputy

Chairman Deputy

Chairman Deputy

Bozorov B.F.

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#### I. General information about the Company.

## 1.1. Details of the Company (General information, enterprise passport).

Name: Joint Stock Company "Uzbekgeofizika". JSC " Uzbekgeofizika ". Joint-Stock Company. Organizational and legal form: Main activity: Exploration work. Industry: Geology. Legal address: 111227, Republic of Uzbekistan, Tashkent region, Kibray district, Geofizika settlement, (Geofizika post office). Telephone: 264-84-65, 264-84-82, 264-84-94. Fax machine: 264-84-12, 264-83-83. 217 217 423 852 sum. Authorized capital: Number of shares: 759,501,482 shares. Statistic codes: OKED-71120. OKPO- 1433735. OKONH - 85150. SOATO- 172724863. TIN: 201577724. Servicing bank and number 20210000600495026001 in battery current account: " Uzpromstroy -bank" Yashnabad branch of Tashkent. Total occupied area: 62.6 ha. Area of buildings and structures: 62.6 ha. Production area: 56.4 ha. Number of employees: 3927 people

JSC "Uzbekgeofizika" (hereinafter referred to as the Company) is a provider of services for field geophysical research using seismic survey methods in modifications of 2D and 3D, electrical exploration (gravity and magnetic exploration) in the search and exploration of oil and gas promising structures.

By order of drilling and production enterprises JSC "Uzbekneftegaz", Eriell (Austria and UAE), Epsilon (USA), Uz - Kor Gas Chemical (Korea), ANDIJANPETRO (Russia), Surhan Gas Chemical , BGP (China), CPLC (China), CNLC (China), Shlumberger (Virgin Islands), Sugdnaftugaz (Tajikistan) and others. JSC "Uzbekgeofizika" performs field geophysical work in wells during exploration and operation of deposits, calculation of hydrocarbon reserves, and also conducts laboratory analyzes of the petrophysical properties of geophysical rocks.

To date, the products of JSC "Uzbekgeofizika" are:

- the results of field production geophysical studies, experimental methodological and thematic work, including office work in the form of geological reports and recommendations for the continuation of exploration work in the search and exploration of oil and gas fields;
- results of processing and interpretation of field and production geophysics data with the issuance of relevant conclusions and recommendations for drilling and well testing;
- preparation and transfer to exploratory drilling of oil and gas promising structures and monitoring of promising areas being drilled;
  - calculation of oil and gas reserves by fields;
- long-term and operational planning of geophysical work to ensure the growth of hydrocarbon reserves in the Republic of Uzbekistan;
- development, improvement and implementation of new methods, technologies and technical means;
- systematic replenishment of geological and geophysical funds, ensuring their use in the prescribed manner;
- services for testing, adjustment and repair of geophysical equipment, instruments and equipment, metrological verification, development and small-scale production of non-standard equipment and apparatus, petrophysical laboratory core analysis, preparation of design estimates and other regulatory technical and methodological documentation for geophysical work, providing scientific and technical information, performance of design work and other types of work not prohibited by the legislation of the Republic of Uzbekistan;
- results of laboratory studies of the petrophysical properties of core, cuttings and other rock samples.

#### 1.2. History of the enterprise, achievements in recent years.

In the study of the geological structure, especially in the exploration and prospecting of oil and gas fields, geophysical methods of exploration are of great importance.

The first geophysical studies for oil and gas were started in Uzbekistan in the mid-forties by the Office of Field and Production Geophysics of the MNP on the territory of the traditional oil provinces - the Surkhandarya and Fergana intermountain depressions.

The increase in the volume of exploration work led to the need to form in August 1957 a specialized "Uzbek Geophysical Trust", now the Joint Stock Company "Uzbekgeofizika". This contributed to systematic and targeted geophysical research on the territory of the republic, involvement in the exploration of the Ustyurt region and the Bukhara -Khiva oil and gas region, where large reef hydrocarbon deposits were discovered. In the period until 1995, the geophysical service was part of the State Committee for Geology, and from 1996 to 2019 it was part of Uzbekneftegaz JSC. Currently, in accordance with the Decree of the President of the Republic of Uzbekistan No. 1111-4522, from November 18, 2019, Uzbekgeofizika JSC is a member of the State Committee of the Republic of Uzbekistan for Geology and Mineral Resources.

The Company has 5 branches (expeditions), geographically located in the main oil and gas promising regions of Uzbekistan:

- "Bukhara geophysical expedition",
- "Fergana geophysical expedition",
- "Ustyurt geophysical expedition",
- "Yakkabag geophysical expedition",
- " Amirabad field-geophysical expedition".

From 1957 to the present day, about 900 promising structures have been prepared within the oil and gas regions of the Republic, of which more than 600 have been introduced into deep exploratory drilling, more than 250 hydrocarbon deposits have been discovered.

JSC "Uzbekgeofizika" is currently the only provider of integrated geophysical services in the Republic of Uzbekistan for field (two-dimensional (2D) and three-dimensional (3D) seismic, vertical seismic profiling (VSP), electrical exploration) and field (geological and technological surveys (GTI), GIS control, GIS drilling, perforating and blasting) works, including laboratory petrophysical studies and calculation of hydrocarbon reserves, carried out by state order, including within the framework of State Programs.

The Company annually performs prospecting and prospecting-detailed seismic surveys in the amount of 9000-9500 linear meters . km 2D and 2000-2500 sq. km ZD, is being prepared for deep exploration drilling of 16-18 prospective

at hydrocarbon facilities, 1000-1500 applications are being processed, received from "customers", resources are calculated for category C <sub>3</sub> and conclusions are issued on the completed well, well logging and well logging systems.

In general, over the years of independence, the geophysical service of the Company has managed to maintain and strengthen its significance, due to the importance of the tasks being solved. During this time, according to the results of geophysical research in Ustyurt, within the Bukhara -Khiva, Fergana and Surkhandarya regions, 458 structures were prepared. The discovery of 122 hydrocarbon fields allowed not only to compensate for the decline in production at long-term developed fields, but also contributed to the increase in the republic's resource base.

For the period 2015-2020 JSC "Uzbekgeofizika "performed the following volumes of geological exploration: seismic survey CDP-2D 59257 linear km; seismic exploration MOGT-ZD 13707 sq. km; preparation of prospective structures 99 units, with prospective hydrocarbon resources C  $_3$  502.248 mln .

### 1.3. The state of utilization of production capacities.

The result of the Company's operation is reflected in the use of its capacities. Achievable power is achieved under normal operating conditions, taking into account the installed equipment and specifications.

At present, the technical park of Uzbekgeofizika JSC consists of the following main geophysical equipment:

- for seismic exploration 2D: seismic complexes (Progress L, T2, TZ, I/O System 2000)
- 11 complexes;
- for seismic exploration ZD: seismic complexes ( I/O System Image , SERCEL 408 UL ,428 XL , G 3 I INOVA ) 4 complexes;
- for electrical exploration: electrical exploration complexes ( PHOENIX , EIN, Diapir ) 29 complexes,
- in computer technology: computing and processing complexes (APK "Integral Plus", V 5 and V 8 System , APK " Geocluster ", paradigm @) 5 complexes,
- VSP: 6 instrument probe 2 complexes,
- in production geophysics: downhole instruments (209 pcs.), mud logging stations (19 pcs.), lifts (17 pcs.), lifts combined with the station (16 pcs.), laboratories of the perforating station (15 pcs.), geophysical towers (4 things.).

Capacity utilization rate

No	Name	Unit	Power	capacity utilization				
•		meas.		2019	%	2020	%	
1.	Seismic 2D	linear	9100	9300	100	9100	100	
2.	Seismic explorationZD	sq. km	3370	2500	100	3370	100	
3	electrical prospecting	f.s	8600	6400	100	8600	100	
4	GSP	pr.sm.	470	178	100	470	100	
	Production and geophysical works	applica tion	1880	1865	100	1880	100	

#### 1.4. Organizational structure of the Company

In order to create favorable conditions for the wide attraction of foreign direct investment, radically increase the efficiency of joint-stock companies, ensure their openness and attractiveness to potential investors, introduce modern corporate governance methods, strengthen the role of shareholders in the strategic management of enterprises, on April 24, 2015, a Decree of the President of the Republic was issued Uzbekistan №UP-4720 "On measures to introduce modern methods of corporate governance in joint-stock companies."

In pursuance of the above Decree, the organizational structure of the joint-stock company was considered and approved by the general meeting of shareholders.

## List of organizations included in the structure of the enterprise: (investments, branches)

thousand, sum

No	Namenov ing organization	Share in UV organi	Statutory fund (balance sheet	Principal activity _	Receivince (divide	ome	Invest	ŕ
	al	tions	price)	_	2019	2020	2019	2020
1	JV LLC "TEXGEO SERVISE"	43.6%	710000	restored application and installation of geophysic al eskogo		_	250000	60000

## 1.5. Management bodies of the Company and personnel policy, social protection of employees.

The personnel policy of Uzbekgeofizika JSC is carried out in accordance with the Constitution of the Republic of Uzbekistan, the Labor Code, laws, decrees and resolutions of the President of the Republic of Uzbekistan, resolutions of the Cabinet of Ministers, as well as departmental regulatory legal acts in the field of labor and labor relations.

Considerable attention will be paid to improving the professional training of managers of all services and levels, further training of personnel in new skills and opportunities for the application and use of modern information and communication systems.

The total number of employees of JSC "Uzbekgeofizika" is 4026 people, of which 1137 are management personnel and specialists, 723 are technical personnel, 493 are service personnel. In addition, 1673 people are employed in the manufacturing sector.

#### General Meeting of Shareholders

Supervisory Board Audit committee

1 Corporate consultant		Internal Au	ind dit Service	
First Deputy Chairman of the Board for Production and Innovation	Deputy Chairman of the Board for Geology and Geophysical Works	Deputy Chairman of the Board for Economics and	Department of Acquisition, Construction, Transport, Infrastructural and Social Affairs	Chief Youth Specialist 1 unit
Department of coordination, technical support of production and quality control of field geophysical works4 units.	Department of Prospective Forecasting of Geological and Geophysical Works6 units	Central accounting 10 units	Department of Industrial Cooperation, Marketing and Acquisition 5 units	Department of Corporate Relations with Shareholders and Public Relations3 units
Department of coordination, technical support and quality control of field and geophysical works 4 units.	Department for the design of design and estimate documentation for geological exploration 6 units.	Department of Economic Analysis and Forecasting 3 units	Department of capital construction, communication networks and social facilities2 units	Department for management, training and retraining of personnel 5 units
Department of investment projects, innovations, localization and development of information and communication technologies3 units	Department of export of works and services	Department of organization of labor and wages2 units.	Department of Chief Mechanic and Metrologist	Department of Legal Issues and Consideration of Appeals3 units.
Service of industrial safety, labor protection and environmental protection4 units.		Department for Implementation and Application of IFRS2 unit	Department of Chief Power Engineer	Department of Anti-Corruption and Compliance Control 2 units
Production and dispatching service 4 units				Department for special works
Department for Civil Protection and Military Mobilization Works2 units				Service of paperwork and control of executive discipline5 units.

Parties of direct subordination722 units

Branch Bukhara geophysical expedition704 units Branch Fergana Geophysical Expedition615 units Branch Ustyurt Geophysical Expedition444 units Branch Yakkabag geophysical expedition 1237 units Branch Amirabad field geophysical expedition 452 units

In 2020, 284 people were hired at Uzbekgeofizika JSC, 364 people were dismissed. (at their own request and in connection with the achievement of retirement age). Staff turnover is 0.5%.

JSC "Uzbekgeofizika" employs 1137 specialists with higher education, 1340 with secondary special education and 1549 employees with secondary education. At the same time, during the reporting period, 24 young professionals who graduated from the bachelor's and master's programs in geological and geophysical areas of education were hired. Of these: 3 graduates of the branch of the Russian State University of Oil and Gas named after I.M. Gubkin in Tashkent, 12 graduates of the Tashkent State Technical University, 5 of the National University, 4 of the Karshi Engineering and Economic Institute, and other HEIs of Uzbekistan.

At the same time, 2 specialists from among the employees of the Company have a scientific degree: 1 candidate of economic sciences, 1 candidate of geological and mineralogical sciences, 1 doctor of geological and mineralogical sciences, also, at the moment, 7 specialists are applicants for the degree of candidate of sciences.

In terms of training, retraining and advanced training of workers in the main production and engineering and technical workers serving in enterprises: JSC "Uzbekgeofizika" pays great attention to the issues of training, retraining and advanced training of specialists, work is constantly being done in this direction. In particular, in 2020, 156 specialists were sent to courses in the following organizations:

- in "Bukhoro ukuv course of the plant" 12 specialists,
- in Karshi Shahar favkulotda vaziatlar boshkarmasi "- 12 specialists;
- in "Geology of Tarmoga hodomlari malacasini expand wa kaita tayorlash Institute "- 89 employees;
- at the Higher School of Business 1 specialist.

In addition, close cooperation has been established with such foreign organizations as TNG-Group LLC (RF) (8 specialists trained), INOVA (USA) (trained 12 specialists), in the Paradigme company (Netherlands) (training of 12 specialists is planned), etc. In 2021-2022 . it is also planned to continue further cooperation and interaction with these organizations in the field of advanced training, training and retraining of personnel, as well as the exchange of experience in order to increase labor productivity.

On the implementation of the IAPK "ENST": In accordance with the Decree of the President of the Republic of Uzbekistan dated 12.12.2019. No. PP-4502 "On measures to introduce the interdepartmental hardware and software complex "Unified National Labor System" and in pursuance of the order of the State Committee of the Republic of Uzbekistan on Geology and Mineral Resources dated

13.12.2019 No. 288 on the part of JSC "Uzbekgeofizika" work was done to register labor contracts, changes and existing labor contracts, their termination, as well as to form an electronic work book in the IAPK "UNST".

For the training of young specialists, a reserve of personnel has been formed to fill managerial positions. The second higher education on the job was received by 4 employees of the company.

Cooperation agreements have been signed with three specialized universities.

It is expected that graduates of specialized universities will be hired in May-July 202 Noda. For the training of highly qualified personnel of postgraduate education, conditions have been created for the scientific work of employees.

#### Management bodies of the Company.

In accordance with the Law of the Republic of Uzbekistan "On Joint Stock Companies and Protection of the Rights of Shareholders", the management bodies of the Company are:

- General Meeting of Shareholders;
- Supervisory Board;
- Executive agency.

The General Meeting of Shareholders is the supreme management body of the Company.

The General Meeting of Shareholders is held at least once a year (regular reporting general meeting). Whenever necessary (by decision of the Supervisory Board, the Audit Commission, at the request of major shareholders), extraordinary general meetings may be held by shareholders.

The supervisory board of the company exercises general management of the company's activities, with the exception of resolving issues referred by law and the charter of the company to the competence of the general meeting of shareholders.

JSC "O'ZBEKGEOFIZIKA" management is carried out by a collegial executive body - the board, whose competence is determined by the Charter of the company. The Board consists of 5 people (chairman of the board, first deputy chairman of the board, 2 deputies of the board, 1 head of department), who are elected for a period of one year.

The Chairman of the Management Board of the Company, as an executive body, implements the decisions of the General Meeting and the Supervisory Board, makes transactions and acts without a power of attorney on behalf of the Company, approves the staffing table, concludes employment contracts with employees, and gives instructions that are binding on all employees of the Company.

Control over the financial and economic activities of the Company is carried out by the Audit Commission elected by the General Meeting of Participants. The Audit Commission consists of 3 members. In function The Audit Commission includes annual scheduled audits, as well as unscheduled audits of financial and economic activities at the request of the participants (founders). An independent internal audit service has been set up at the enterprise.

## Information about governing bodies

No.	FULL NA	AME.	Position (place of work), period of work	Share in the enterprise
		I. Share	holders (participant, own	er)
1.	Shareholders (owner)			Shareholders:  Ordinary share holders:  Agency for the Management of State - Assets of the Republic of Uzbekistan - 73.18% (555,815,407 shares);  Ministry of Finance of the Republic of Uzbekistan - 22.03% (166,550,475 shares);  owners privileged shares:  legal entities - 2.22% (5,362,865 shares);  individuals - 15.60%) (31,772,735 shares).
	<u>,                                      </u>		pers of the Supervisory Bo	pard
2.1	Islamov Farkhadovich		Chairman of the State Committee for Geology and Mineral Resources of the Republic of Uzbekistan (dated July 9, 2020)	
2.2.	Nabiev Tulkin		And about. Deputy Director of the Agency for the Management of State Assets of the Republic of Uzbekistan (dated February 28, 2020)	

2.3.		Head of Department of the	
	Ilhamovich	Cabinet of Ministers of the	
		Republic of Uzbekistan	
		(dated February 28, 2020)	
2.4.	Akhmedov Sharofiddin	Head of Department of	
	Shodimurotovich	the Agency for the	
		Management of State	
		Assets (dated June 29,	
		2017)	
2.5.	Mustafina Victoria	Head of the Department	
	Valerievna	of the Antimonopoly	
		Committee of the	
		Republic of Uzbekistan	
		(from 07/09/2020)	
2.6.	Kan Pavel Vitalievich	Head of the department of	
		JSC "U ze elektroapparat	
		- electrical panel",	
		independent member	
		(from 1.07.2019)	
2.7.	Nagaev Aziz Ravilevich	Boss	
		Department of the	
		Agency for the	
		Management of State	
		Assets of the Republic of	
		Uzbekistan (from	
2.0	G C G1 11	09.07.2020)	
2.8.	Sofarov Shukhrat		
	Uralovich	Deputy Head of	
		Department of the	
		Agency for Management	
		of State Assets of the	
		Republic of Uzbekistan	
2.0	Tonoview Conion	(from 07/09/2020)	
2.9.	Tangriev Sanjar Shamsikulovich	Deputy Head of	
	Shanisikulovich	Deputy Head of	
		Department of the	
		Agency for Management of State Assets of the	
		Republic of Uzbekistan	
		(from 07/09/2020)	
		III. Executive agency	
3 1	Toshkulov Anvar	Chairman of the Board	18200 pieces
3.1	Juraevich	Chairman of the Board	privileged
	Burac vicii		shares
			(0.008%)
3 2	Azimboev Anvarjon		(0.00070)
3.2	Azimboevich	First Deputy Chairman of	32,400 preferred shares
		the Board for Production	(0.015%)
<u></u>		and Doute for Frouterion	(0.013/0)

3.3	Bozorov	Bakhodir		
	Fozilovich		Deputy	
			Chairman of the Board for	34,500 preferred shares
			Economics and Finance	(0.016%)
3.4	Yuldashev	Otabek	Deputy	
	Asrolevich		Chairman of the Board for	
			Geology and Geophysical	
			Works	
3.5	Alikulov	Γ ohir		
	Muradllaevich _	_		
			Deputy	
			Chairman of the Board for	
			Production and Technical	
			Support and General	
			Construction Works.	

The social protection of workers remains the primary and priority direction of the Company. This circumstance predetermined increased attention in our daily activities to the provision and implementation of all activities planned in this area.

In 2021, 12,783.1 million soums will be allocated to reimburse the cost of food for employees of Uzbekgeofizika JSC. Material assistance will be provided to employees for the purchase of agricultural products for the winter period in the amount of 3400.0 million soums.

for holding events in honor of National holidays (Navruz, March 8, Day of memory and honor, Mustaqillik, Ruza hayit, Kurban hayit, etc.).

Employees of JSC "Uzbekgeofizika" will be provided with financial assistance for treatment when going on vacation in the amount of 3270.0 million soums.

Compensation payments for work in adverse natural and climatic conditions, as well as in difficult, harmful working conditions, amount to 3170.0 million soums.

990.1 mln.

Material assistance to the anniversaries (in honor of the 50th, 60th, 70th anniversary) will be sent in the amount of 208.0 million soums.

The cost of treatment (for partial payment for complex operations, inpatient treatment) and rest of employees, for the provision of medical services under the contract, the amount of 251.2 million soums will be allocated.

Employees of JSC "Uzbekgeofizika" are considered to provide material assistance on applications and other one-time payments provided for by the collective agreement in the amount of 1010.6 million soums, of which lump-sum payments to employees in connection with retirement - 495.7 million soums.

Trade Union Committee to conduct mass cultural, recreational, educational and sports work, for social support for

1508.2 million soums will be allocated to provide material assistance to the employees of the Company.

## 1.6. The role and importance of the enterprise in the market, including its position in the international market.

Joint stock company "Uzbekgeofizika" is the only company that conducts a full range of geophysical surveys in the search and exploration of oil and gas fields, as well as field and geophysical services for exploration and production wells. The main geophysical method in this complex is seismic exploration in CDP 2D and ZD modifications. The Company has the necessary apparatus and equipment, computer facilities, advanced software and algorithmic support and highly qualified specialists.

The strategic importance of JSC "Uzbekgeofizika" for the economy of the Republic of Uzbekistan is determined by carrying out exploration work in order to replenish the mineral resource base of hydrocarbons of raw materials of mining and processing enterprises, as well as to compensate for the decline in production from long-term developed fields, to ensure the energy security of the Republic of Uzbekistan, by conducting regional, prospecting and search and detailed seismic surveys, preparation of oil and gas prospects, support of all drilling processes. These works are the first exploration stage in the discovery of hydrocarbon deposits.

JSC "Uzbekgeofizika" is also expanding the scope of activities for the provision of geophysical services in 2019-2020. JSC "Uzbekgeofizika" performed field work at the facilities of "Sugdnaftugaz" (Republic of Tajikistan).

With the acquisition of new modern high-tech equipment: the ZD complex (telemetric registration system seismic data G 3 i ) produced by INOVA (USA) , computer center and Paradigm software (Netherlands), logging instruments and GIS stations, the capabilities of Uzbekgeofizika JSC are expanding to improve the efficiency and reliability of work carried out in the Republic, as well as to provide competitive services for foreign partners outside the Republic.

## 1.7. Implementation of quality management systems at the enterprise.

The Company has developed, documented, introduced into production, certified and maintained in working order

Quality management system for geophysical works (QMS GF) taking into account all the requirements of the International ISO Standard 9001:2015 and the specifics of the organization's activities. This GF QMS was first certified in March 2011, which was necessary to continue cooperation with foreign partners, presence in the world market, participation in tenders, competitions, international exhibitions, as well as attracting foreign investors. Subsequently, re-certification audits were successfully passed in 2014, 2017 and 2020 - this is the result of continuous development, analysis and improvement of all existing enterprise systems, strict quality control and measurement of the company's performance. Currently there are International and National Certificates of Conformity issued by representatives of the International Certification Body DQS QUALITY SYSTEMS (Frankfurt am Main, Germany). The successful functioning of the GF QMS is ensured by the available specialized package of documentation, as well as the availability of specialists who have undergone appropriate training in the staff. According to the regulations, once a year a report on the functioning of the GF QMS is compiled, as well as an internal audit is carried out in each branch of the Company, as a result of which a report is generated, in addition, during the audit, representatives of the Customers fill out feedback questionnaires on satisfaction with the activities of the Company (by field and field geophysics) in the following aspects: types of work, timeliness of execution, equipment and transport, personnel qualifications, activities in the field of occupational safety, labor protection and environmental protection. By order, those responsible for ensuring the successful functioning of the QMS of the GF (Representative of the management for quality, his deputy and performers of work within the system) were determined.

In order to confirm the validity of the existing certificates, it is planned to conduct the first supervisory audit in 2021, the successful completion of which will confirm the stability and reliability of the Company.

## II. Enterprise reform.

## 2.1. Perspective development strategy.

One of the main tasks of the economic development of the Republic is the further liberalization of the economy, the creation of a favorable investment climate and the necessary economic conditions for the further full development of enterprises in the republic. Of no small importance for the country's economy is the level of oil production and refining,

gas and other minerals . The government of the republic is making significant efforts to develop this industry.

Within the framework of the State Program and in accordance with the Decree of the President dated November 18, 2019 No. PP-4522 "On measures to improve the system for organizing and conducting geological exploration for oil and gas", in order to increase the growth of hydrocarbon raw materials, in all oil and gas regions of the Republic of Uzbekistan in In 2021, it is planned to conduct geophysical research in new areas:

- in the Ustyurt region, in addition to the main direction of studying the Upper and Middle Jurassic deposits, tasks are purposefully set for the study of deep-seated Lower Jurassic and, if possible, pre -Jurassic deposits, it is planned to retrain a number of structures on the Lower Jurassic and Paleozoic deposits.

Seismic exploration will be carried out in the amount of 2500.0 linear km within the Aktumsuk system of dislocations, the Barsakelmes trough, the Kuanysh- Koskalin swell and the Sudoch trough, the Taldyk trough, the Akkala ledge, the Shordzha uplift and the Aybugir swell. It is planned to carry out 1350.0 sq. km of seismic surveys in the ZD, in combination with electrical surveys, within the limits of the Sudoch trough and the Kuanysh- Koskalin swell. 4 prospective structures will be prepared with prospective resources of 20.0 Mtce.

- in the Bukhara -Khiva region, in addition to the main direction for the study of Jurassic carbonate deposits, tasks are purposefully set for the study of deep-seated terrigenous Jurassic and, if possible, pre-Jurassic deposits. Thus, in 2021, it is planned to reinterpret seismic survey materials in order to prepare and transfer objects in terrigenous deposits to deep exploratory drilling, based on the results of which recommendations will be made on the continuation of geological exploration for the study of Paleozoic deposits.

At known deposits discovered in carbonate deposits, work will be carried out to study and prepare objects for terrigenous Jurassic deposits.

Cretaceous and Jurassic carbonate and terrigenous deposits remain the objects of exploration and preparation for drilling. At the same time, Paleozoic complexes will be studied.

It is planned to prepare 8 facilities with prospective resources of 30.0 million tce; to work out MOGT-2D in the amount of 4700 running km .:

- on the Bukhara tectonic step within the northwestern part of the Yangikazgan uplift and the Tuzkoy trough, in the northwestern part of the Kagan uplift and the southern part of the Rometan and Dashkala troughs, as well as in the south of the Kashkadarya depression;

- on the Chardjou tectonic step - within the Uchkyr - Pitnyak swell, the Birgutly trough, the Dengizkul uplift, in the southeastern and southwestern parts of the Beshkent trough, and the southwestern part of the Kashkadarya depression.

In 2021, a targeted study of the prospects of structures in the Lower Cretaceous deposits within the western part of the Chardjou stage will be continued in order to confirm the prospects for their oil and gas potential using the example of already identified large deposits in the territory neighboring Turkmenistan.

- in the Ferghana Intermountain Depression, in addition to the main traditional direction for the study of Paleogene deposits, work will be carried out to search for promising objects in the underlying Cretaceous, Jurassic and Paleozoic deposits.

Also, no less promising, a new direction is the search for promising objects in the zone of non-anticlinal - stratigraphic and lithological limited traps in the Cenozoic (Neogene-Paleogene) and Mesozoic (Cretaceous-Jurassic) deposits, a comprehensive reinterpretation of data from seismic exploration of ZD, drilling, TIS and results will be carried out reservoir testing.

It is envisaged to carry out seismic surveys of CDP-ZD in the amount of 650.0 sq. km , CDP-2D - 100 linear kilometers and the preparation of 4 objects for drilling with promising resources U B to C  $_3$  of 5.0 million tons of reference fuel :

Within the Khorezm region, it is planned to conduct regional and prospecting 2D seismic surveys in the amount of 738 running kilometers, in combination with prospecting electrical surveys in order to study the conditions of occurrence of oil and gas promising complexes in the Cretaceous, Jurassic and, if possible, pre-Jurassic deposits, identifying zones with anomalous values of geoelectric parameters, possibly due to hydrocarbon deposits, on the example of discovered deposits in the territory adjacent to Turkmenistan

Within the limits of the Central Kyzylkum arch, it is planned to continue prospecting and search -detailed 2D seismic surveys in the amount of 962 linear km . It is planned to intensify search and detailed seismic surveys to assess the oil and gas prospects of sections of the Paleozoic and intra-Paleozoic sediment complexes.

It is planned to complete the calculation of hydrocarbon reserves for 3 fields (under contracts) (the areas will be specified), to evaluate promising hydrocarbon resources in category C <sub>3</sub> for all structures provided for transfer for deep drilling.

Also, work has begun on the transformation of society in accordance with Presidential Decree No. UP-6096 dated October 27, 2020 "On measures to

accelerated reform of enterprises with the participation of the state and privatization of state assets".

#### 2.2. Goals and stages of the reform.

By Decree of the President of the Republic of Uzbekistan dated November 18, 2019 No. PP-4522 "On measures to improve the system for organizing and conducting geological exploration for oil and gas" in the system of the State Committee for Geology of the Republic of Uzbekistan, a "Roadmap" was approved to further improve the system for organizing geological exploration through phased reform and commercialization of activities for the development and reproduction of the mineral resource base, including oil and gas. The purpose of which is to further increase the efficiency and effectiveness of geological exploration for hydrocarbons.

### 2.3. Reform plans for 2021.

According to the above Roadmap, the Company plans the following activities:

- Participation in the development and approval of annual state programs for the development and reproduction of the mineral resource base, taking into account the increase in the share of promising areas and the refinement of the growth parameters of promising and forecast oil and gas resources;

Organization of the conclusion of contracts for the implementation of research, regional geological survey, geophysical work;

- Identification and preparation of oil and gas -promising structures for the discovery of new deposits of hydrocarbon raw materials by conducting research, regional geological survey, geophysical and drilling operations within the framework of state programs, as well as increasing their efficiency and effectiveness;
- Taking measures for targeted development and wide implementation in the process

studying objects of modern remote sensing methods, geophysical and analytical technologies, as well as labor organization systems, including: the use of the latest software products and

highly efficient geophysical equipment; arrangement of international certified laboratories; organization of a quality system for production and labor protection ( ISO , OHSAS standards );

- Training and advanced training of specialists based on international practice in the field of oil and gas;

Implementation of information programs and information and -communication technologies (ICT) in the implementation of the geological study of the subsoil for oil and gas and the digitalization of geological data;

- Ensuring the modernization and strengthening of the material and technical base of the Company;
- Organization of training in higher educational institutions for gifted young professionals and advanced training of personnel through internships, trainings, participation in seminars in domestic and foreign specialized companies and international events.

#### III. Market and marketing plan.

#### 3.1. Market analysis

The market of geophysical services on the territory of the Republic of Uzbekistan is formed by the state programs for the development and reproduction of the mineral resource base of JSC Uzbekneftegaz and the State Committee for Geology , the need of investors conducting work on dedicated investment blocks. State programs are currently drawn up on the basis of Decrees of the President of the Republic of Uzbekistan dated November 3, 2017 No. 1111-3372 and PP-3373, "On approval of the State program for the development and reproduction of the mineral resource base for Uzbekneftegaz JSC for the period 2017-2021" and "On measures to implement the first stage of the program to increase hydrocarbon production for 2017-2021", respectively, etc. The volume of geophysical services provided is also formed by government programs and investor demand. The experience of past years shows that the capacities of JSC "Uzbekgeofizika" can satisfy the existing demand in the geophysical services market of Uzbekistan, and even go for export. Thus, services were provided for field and geophysical work by OAO Sugnaftugaz of the Tajik company.

Geophysical services are implemented under state programs on the basis of general agreements with a higher organization, and outside the state program on a contractual basis. The company constantly conducts marketing research to find new markets and customers.

## 3.2. The main consumers of products (works, services).

JSC "Uzbekgofizika" performs work in accordance with the State Program and in accordance with the Decree of the President dated November 18, 2019 No. PP-4522, as part of the State Committee of the Republic of Uzbekistan for

geology and mineral resources.

Also, the main consumers of the services of JSC "Uzbekgeofizika" are:

- for field seismic work: JSC "Uzbekneftegaz";
- -for field operations: Eriell (Austria and UAE), Epsilon (USA), ANDIJANPETRO (Russia), BGP (China), CPLC (China), CNLC (China), Shlumberger (Virgin Islands), "Sugdnaftugaz" (Tajikistan).
- for laboratory work: Surhan Gas Chemical , Uz Kor Gas Chemical (Korea), Eriell (Austria and UAE).

#### 3.3. Competition.

The main activities of JSC "Uzbekgeofizika" for the export of works and services are as follows:

- geophysical surveys of wells for oil and gas,
- perforating and blasting operations in wells,
- complex laboratory studies of core,
- seismic surveys using the 2D and 3D methods,
- work on the preparation of geological and technical projects for field seismic surveys 2D,
- storage and transportation of explosive materials (EM) and sources of ionizing radiation (III),
  - services for renting the territory of the base and storing core.

Today, the competitors in the Republic of Uzbekistan for the Joint Stock Company in geophysical works and services are:

- BGP is one of the leading contractors in the world. The main activity of the company is seismic exploration, geophysical research. As part of BGP there are 119 land seismic crews operating in 35 countries;
- CPLC company can provide a range of wellbore technical services, wireline logging, engineering logging, perforation, testing, production logging to logging while drilling, and data processing, interpretation and evaluation. She created and constantly improves the Q system & HSE And the operation registration process;
  - -TNG-Loggin (Russia) GIS and PVR;
- CNLC Petroleum Service LLC . is a subsidiary of the China National Logging Corporation, which provides a range of technical services for the production and exploration of oil and gas;
- Schlumberger is the world's leading technology provider for integrated reservoir evaluation, well construction, production management and processing of hydrocarbons. The company operates in more than 120 countries around the world and has about 105,000 employees from over 170 nationalities;

JSC "Uzbekgeofizika" has an advantage in these types of work in the market of the Republic of Uzbekistan in pricing.

Pricing is one of the key factors <u>in a market economy</u>. The commercial success of any producer of goods or services is largely determined by the choice of strategy and pricing tactics. The difficulty lies in the fact that the price at a particular point in time can depend on many factors.

The optimal price for a product or service offered by Uzbekgeofizika JSC:

- ensures the profitability of the enterprise;
- interesting to the buyer;
- allows you to maintain the presence of goods on the market and its sales at an irreducible level.

#### 3.4. Marketing plan.

The marketing plan of Uzbekgeofizika JSC is aimed at achieving the long-term goals of the enterprise, with the calculation of all costs, risks and strategies.

To ensure the high-quality implementation of all the goals and objectives set for 2021, it is necessary to:

- provide customers with optimal prices for the provision of services;
- for each area of activity of Uzbekgeofizika JSC , develop a program that ensures the achievement of forecasts;
- the quality of geophysical materials (reliability index) must comply with the instructions and solve the geological issues raised;
- summarizing the relevant criticism of the fuel and energy and geological sectors, it is necessary to work only for the result, that is, to increase the natural gas rate by 1.2 times by 2025, and it is also necessary to prepare a database of promising structures and proposals for increasing oil production;
- it is necessary to constantly increase the export potential, attract investments and localize, increase import-substituting goods;
- improving the qualifications, knowledge and skills of employees and attracting young professionals.

### IV. SWOT analysis.

## **Strengths (S):**

- JSC "Uzbekgeofizika" is the only enterprise in the Republic that provides services for the implementation of integrated field (seismic exploration work MOGT-2D, MOGT-ZD, VSP, electrical exploration) and

field (GIS, GTI) research, as well as perforating and blasting in oil and gas wells and laboratory research;

- It has a staff of highly qualified specialists, more than 3918 employees;
- He has work experience and possesses unique geological and geophysical information on the bowels of the Republic, accumulated since 1957, initial geophysical data, stock and archival materials;
  - It has branches in all oil and gas regions of the Republic;
- The pricing of services is lower than that of foreign contractors operating in the territory of the Republic of Uzbekistan;
- With the help of hardware and software complexes for processing and interpretation, its activities as part of the Company are carried out by the only regional computer center for processing seismic data in the Republic, which allows for prompt processing, reprocessing and interpretation of seismic materials of different years;
- It has a unique laboratory for studying the petrophysical properties of rocks, equipped with modern equipment and instruments that are the only ones in Central Asia that meet international standards, as well as its own core storage, in which rock core samples have been systematized and stored since 1966;
- It has the ability to conduct comprehensive regional studies on the study of basins and localization sites of unconventional hydrocarbon traps, which is possible only with state support and funding. The integration of geophysical surveys, gravity, magnetic and electrical surveys along with seismic surveys will make it possible to solve the problems of increasing promising hydrocarbon resources and increasing the mineral resource base of the Republic with high efficiency;
  - Social support for employees;
- The fleet of the main field geophysical and field equipment has been updated: complex (telemetric seismic data recording system G 3 i ) manufactured by INOVA Company (USA), seismic vibrators of type AHV IV PLS -364;

Paradigm software (Netherlands);

Field geophysical equipment (6 units) and downhole instruments (82 units);

## Weaknesses (W):

- High degree of wear of the main field geophysical and

fishing equipment (56.7%);

- Lack of highly qualified specialists;
- Lack of an influx of specialized young professionals to replace those leaving.

#### **Features (About):**

- In the short term, there is a frontier of work to study new promising areas and deep-lying rock complexes:
  - in the Ustyurt region, Lower Jurassic and Paleozoic deposits;
- in the Bukhara -Khiva region, terrigenous deposits of the Jurassic and pre-Jurassic deposits;
- in the Fergana and Surkhandarya regions, Cretaceous and subsalt Jurassic deposits;
- With the advent of new seismic complexes and other geophysical equipment, there is an opportunity to participate in foreign projects (tenders), perform services for foreign companies;
- Professional development of personnel in the field of studying the latest technologies;

#### Threats (T):

High knowledge of traditional complexes in oil and gas promising regions of the Republic of Uzbekistan;

- Leakage of highly qualified specialists;
- Further moral and physical obsolescence of the main field and fishing equipment;
- A further decline in the global economy and energy prices due to the COVID -19 pandemic, which may lead to unprofitable exploration.

## V. Energy resources and their consumption.

JSC "Uzbekgeofizika" consumes the following energy resources: electricity, natural gas, diesel fuel, motor gasoline, liquefied gas, water.

The priorities of the energy supply of JSC "Uzbekgeofizika" in the sustainable provision of units and parties with fuel and energy resources, increasing the efficiency of their use, creating a reliable raw material base, reducing the negative impact on the environment, maintaining the energy security of the enterprise.

The main task of the energy supply of society for 2021 is to increase the energy efficiency of departments and parties, the rational use of energy resources, the introduction of renewable

sources of energy into production, which will lead to a reduction in the share of energy costs in the cost of services.

The main means of achieving the set targets for 2021 is the implementation of the following activities:

- development and approval of an annual plan of organizational and technical measures to save fuel and energy resources. Strict adherence to schedules and measures to improve the energy efficiency of society as a whole;
- creation of incentives for energy saving and energy efficiency of production and use of energy resources;
- phased modernization of the company's production facilities for more energy efficient equipment, timely overhaul and preventive maintenance of power equipment and vehicles and mechanisms;

At present JSC " Uzbekgeofizika " is provided with the following types of resources:

N	Name	Actual	Actual	Forecast	We expect
О.	energy resource	_	consumption -	consumption	and I
		n in 2019	in 2020	in 2021	savings in
					2021
1		2702.68	2270.22	2500	130
1	Electricity (thousand kW)				
2	Natural gas (thousand m3	1006.2	768.8	840	40
	)	1000.2			
3	Including for vehicle	193	208	305	5
	mileage (methane)		200		
4	Thermal energy (thousand	5.8	6.2	5.7	0.3
	Gcal)		0.2		
5	Water (thousand m3)	122.78	107.87	100	7
6	Gasoline (tons)	214.32	215	310	22
7	Diesel fuel (tons)	2443.57	2591	3300	49
8	Liquefied gas (tons)	419	187	208	8

**Electricity:** In 2019, 2702.68 thousand kW were actually consumed. Actual consumption in 2020 amounted to 2270.22 thousand kW. The decrease in consumption amounted to 432.46 kW compared to 2019, of which 220 thousand kW due to OTM, 212.46 thousand kW due to restrictions caused by the pandemic. In 2021, the consumption forecast is provided at the level of 2500 thousand kW.

The expected savings due to OTM will be 130 thousand kW or 5.2 % of the consumption forecast.

**Natural gas:** In 2019, 1,006.2 thousand m3 were actually consumed. Actual consumption in 2020 amounted to 768.8 thous. restrictions caused by the pandemic. In 2021, the forecast for consumption is provided at the level of 840 thousand m3. The expected savings due to OTM will be 45 thousand m3, or 5.3% of the consumption forecast. The increase in consumption is due to the increase in vehicles being converted from liquefied gas to compressed gas (methane).

**Thermal energy:** In 2019, 5.8 thousand Gcal were actually consumed. Actual consumption in 2020 amounted to 6.2 thousand Gcal. The increase in consumption is caused by measures to combat the pandemic and increase the days of the 2019-2020 heating season. In 2021, the consumption forecast is provided at the level of 5.7 thousand Gcal. The expected savings due to OTM will be 0.3 thousand Gcal or 5.2% of the consumption forecast.

**Water:** In 2019 actually consumed 122.78 thousand m3. Actual consumption in 2020 amounted to 107.87 thousand m3 or 12% of the consumption in 2019. In 2021, the consumption forecast is at the level of 100 thousand m3. The expected savings due to the measures will be 7 thousand m3, or 7% of the consumption forecast.

**Gasoline:** In 2020 actually spent 215 tons. Actual consumption in 2021 amounted to 310 tons. Due to the increase in the distance between the objects of work and the production base, as well as the increase in the physical volume of work, in 2021. consumption forecast is provided at the level of 310 tons. The expected savings due to OTM will be 22 tons or 7% of the consumption forecast.

**Diesel fuel:** 2591 tons actually consumed in 2020. Due to the increase in the fleet of vehicles and mechanisms (putting into operation a new seismic complex), as well as an increase in the physical volume of work, in 2021 the consumption forecast is provided at the level of 3300 tons. The expected savings due to OTM will be 49 tons, or 1.4% of the consumption forecast.

**Liquefied gas: In** 2020, 187 tons were actually consumed. **In** 2021 consumption forecast is provided at the level of 208 tons. The expected savings due to OTM will be 8 tons or 3.8% of the consumption forecast.

## Alternative energy sources.

Currently, the company operates:

- Solar water heating collectors total volume -2520 l.
- Photovoltaic plants total power 32 kW

In 2021, it is planned to purchase and put into operation the following nuclear power plants:

- Solar water heating collectors total volume -800l
- Photovoltaic plants total power 4 kW
- Also in 2021, in accordance with the Decree of the Cabinet of Ministers of the Republic of Uzbekistan dated August 7, 2006 No. 164, it is planned to conduct a periodic energy audit to improve the energy efficiency of the society. The estimated cost of the energy survey will be 250 million soums.

#### VI. Indicators.

#### **6.1. Production plan.**

#### 6.1.1. Manufacturing stock.

JSC "Uzbekgeofizika" is a service provider and the following main consumables are used during production field geophysical work:

Information on the annual consumption of raw materials for seismic exploration:

N o.	Name of consumables	Need for a year	production
1	Munfo -type explosive	1800 tons.	Uzbekistan
2	Explosive type "Nobelit 216 Z"	240 tons.	Uzbekistan
3	Seismic electric detonator	600 thousand	China, Russia
4	Seismic cable	180 km.	Uzbekistan
5	shaped charges	150 thousand	Russia
6	Geophysical cable	70 km.	Uzbekistan
7	fuel and lubricants	2800 tons	Uzbekistan

## **6.1.2.** The main characteristics of the finished product.

The main characteristic products of JSC "Uzbekgeofizika" are: the results of field seismic surveys MOGT-2D (in running kilometers) and MOGT-ZD (in square kilometers), geological reports, passports for structures prepared for deep drilling for oil and gas, GIS conclusions, recommendations for well placement and continuation of exploration work, etc.

Intermediate products are seismic data in segy , segd , DAT formats . According to field research - data in

formats LAS, LIS, on hard media.

Field and field work is carried out in accordance with the approved instructions and regulations for the conduct and quality control, in particular:

- Vertical seismic profiling in oil and gas wells. Order of conduct. (NGH 39.0-084:2018);
  - Seismic Instruction (NGH 39.0-195:2018);
- Technical instructions for conducting geophysical surveys and work with cable devices in oil and gas wells. (NGH 39.0-215:2018);
- Regulations on the procedure for the withdrawal of structures (areas) from deep drilling and geological reporting on them. (NGH 39.0-209:2018);
  - Collection of estimated norms for geological exploration work SSN, etc.;

Reports on the results of geological surveys (geophysical materials, materials on the calculation of oil and combustible gas reserves, recommendations on the direction of geological exploration and on the laying of exploratory wells) are transferred in accordance with the procedure established by the Law "On Subsoil" for storage to the State Geological Funds under the State Geological Committee RUz. Reports on the results of geological surveys are compiled in accordance with: "Instruction on general requirements for the content and execution of reports on the results of geological survey of subsoil" (Ministry of Justice of the Republic of Uzbekistan No. 518 dated 03.11.98); "Instructions on the content, execution and procedure for submitting to the State Commission for Mineral Reserves under the State Committee for Geology and Mineral Resources materials on the calculation of oil and combustible gas reserves (Goskomgeologiya Republic of Tashkent-2006) and others.

Passports for structures prepared for deep drilling for oil and gas are prepared in accordance with the "Regulations on the procedure for receiving and accounting for oil and gas promising structures and objects of anomalies of the deposit type (ATZ)" (Goskomgeologiya RUz 2020)

## **6.1.3.** The current state of production.

JSC "Uzbekgeofizika" in 2021 will continue to carry out regional, prospecting, additional exploration, experimental methodological and thematic work on oil and gas, processing of geophysical materials on a computer, field geophysical and perforating-explosive work, including laboratory petrophysical research and calculation of hydrocarbon reserves.

In 2021, to carry out exploration work at the expense of of the state budget, it is planned to carry out seismic surveys of MOGT-2D in

### 6.1.3. Plan for the use of production capacities for JSC "Uzbekgeofizika" for 2021.

	V 1	Unit	power	Capacit	Capacity utilization				Plan		ncluding	quarter	S	Pace
No.		meas .	ness	2019	%	2020	%	2021	%	I	II	Ш	IV	growth %
1	Seismic 2D	linear	9000	9300	100	9100	100	9000	100	2335	2800	2930	935	99
2	Seismic exploration ZD	sq. km	3370	2500	100	2500	100	3370	100	695	1150	925	600	135
3	Structure preparation	PC	16	17	100	17	100	16	100	4	4	4	4	100
	Promising resources for C 3	million t.c.e	55	102.09	137	59.61	158	55	100	13	14	14	14	74

## Production plan for JSC "Uzbekgeofizika" for 2021

	Type of work	Unit 2019		2019 9 months		2020		Pace	including quarters			
No.		meas . (fact)	2020	Plan	Fact	(forecast)	growth	Ι	II	III	IV	
		incus (	(1400)	(fact)	1 1411		(========)	%				
1	Seismic 2D	linear	9300	7212	9100	9100	9000	99	2335	2800	2930	935
2	Seismic exploration ZD	sq. km	2500	1780	1750	2500	3370	135	695	1150	925	600
3	Structure preparation	PC	17	13	16	17	16	100	4	4	4	4
4	Promising resources for	million	102.1	61.54	47.0	59.61	55	74	13	14	14	14
	C 3	t.c.e	10211		17.00	27.01		, •				

Note: Appropriate changes will be made to the production plan after the approval of the "Program for the development and reproduction of the mineral resource base of the Republic of Uzbekistan for 2021".

the volume of 9000 linear meters . km and ZD in the amount of 2000 sq. km . The plan for the preparation of structures is 16 pcs.

It is planned to conclude agreements with Uzbekneftegaz JSC for the performance of prospecting seismic surveys in the amount of 1370 sq. km and thematic work on projects for the implementation of reports "Calculation of hydrocarbon reserves by fields".

It is planned to conclude contracts with customers for the production of geophysical surveys and perforating and blasting in oil and gas wells.

# 6.1.4. Plan for the sale of products (goods, works and services) for Uzbekgeofizika JSC for 2021.

Exploration work is carried out at the expense of the State budget, at the expense of Uzbekneftegaz JSC and at the expense of customers.

Assimilation of appropriations for the implementation of geological exploration works provided for by the State Program of tasks is 263.0 billion soums.

The performance of contractual prospecting seismic works of ZD and thematic work on the calculation of hydrocarbon reserves in the fields is 70.0 billion soums.

Performance of contractual works with customers for the production of geophysical surveys and perforating and blasting in wells for oil and gas is 140 billion soums.

In addition, in 2021 it is planned to receive other income from the provision of various services to customers in the amount of 7.0 billion soums.

Thus, the total planned volume of sales of goods, works and services in 2021 is 480.0 billion soums

## 6.1.4. Plan for the sale of products (goods, works and services) for JSC " Uzbekgeofizika " for 2021

( million soums )

No.	The name of indicators	Unit .	2019	9 months 2020	2020	2021		incl	uding	_	Pace growth
110.	The name of melectors	Oint .	(fact)	(fact)	(fact)	(forecast)	1-quarter	2-quarter	3rd quarter	4th quarter	%
1.	Volume of exploration work - TOTAL		213 700	209 280	306 462	333 000	73 626	87 374	91 000	81 000	108.7
	including:										
1.1.	Seismic 2D	million soums	115 943	127 012	184 306	167 000	39 229	43 271	47 300	37 200	90.6
1.1.		linear km	9 300	7212	9 100	9000	2335	2800	2930	935	98.9
1.2		million soums	97 757	55 236	84 694	96 000	27271	28229	20700	19800	113.3
1.2.	Seismic survey ZD (State budget)	sq. km	2500	1210	1750	2000	510	785	510	195	114.3
1.3.	Seismic survey ZD (Uzbekneftegaz	million soums		27 032	37 462	70 000	7126	15874	23000	24000	186.9
	JSC)	sq. km		570	750	1 370	185	365	415	405	182.7
2.	contract work	million soums	154 683	91 172	131 588	140 000	32 773	38 227	34 000	35,000	106.4
3.	Other income	million soums	32 279	4418	10 701	7000	2500	900	1600	2000	65.4
	TOTAL (1+2+3)	million soums	400 662	304 870	448 751	480 000	108 899	126 501	126 600	118 000	107.0

6.1.4.1. Plan for the sale of products (goods, works and services) excluding VAT for Uzbekgeofizika JSC for 2021

( million soums )

No.	The name of indicators	Unit .	2019	9 months 2020	2020	2021		inclu	ıding		Pace growth
110.	The name of indicators	Cint .	(fact)	(fact)	(fact)	(forecast)	1-quarter	2-quarter	3rd quarter	4th quarter	%
1.	Volume of exploration work - TOTAL		197 288	205 754	301 589	323 000	72 697	85 303	87 000	78 000	107.1
	including:										
1.1	Seismic 2D	million soums	106 233	127012	184 306	167 000	39 229	43 271	47 300	37 200	90.6
		linear km	9 300	7212	9 100	9000	2335	2800	2930	935	98.9
1.2	G : : 7D (G : 1 1 1)	million soums	91 055	55 236	84 694	96 000	27271	28229	20700	19800	113.3
	Seismic survey ZD (State budget)	sq. km	2500	1210	1750	2000	510	785	510	195	114.3
1.3.	Seismic exploration ZD	million soums		23 506	32 589	60 000	6197	13803	19000	21000	184.1
	(JSC Uzbekneftegaz)	sq. km		570	750	1 370	185	365	415	405	182.7
2.	contract work	million soums	137 382	77 756	114 792	120 000	28 403	32 597	29 000	30,000	104.5
3.	Other income	million soums	32 279	4419	10 701	7000	2500	900	1600	2000	65.4
	TOTAL (1+2+3)	million soums	366 949	287 929	427 082	450 000	103 600	118 800	117 600	110 000	105.4

#### 6.2. Financial plan.

### 6.2.1. Analysis of financial indicators.

Net proceeds from the sale of goods and services for JSC " Uzbekgeofizika " in

2019 year amounted to 334.6 billion soums, and in 2020 it amounted to 416.4 billion soums. Other income from core and financial activities in 2019 amounted to 10.7 billion soums and 21.5 billion soums, respectively, and in 2020 amounted to 3.68 billion soums and 738.0 million soums, respectively.

The production cost in 2019 amounted to 179.5 billion soums, and in 2020 amounted to 231.1 billion soums, the expenses of the period in 2019 amounted to 105.5 billion soums, and in 2020 amounted to 130.7 billion soums, expenses on financial activities in 2019 amounted to 22.1 billion soums, and in 2020 amounted to 2.2 billion soums.

At the end of 2019, a net profit of 49.6 billion soums was received, and in 2020 a net profit of 50.5 billion soums was received.

As of 01/01/2020 receivables amounted to 164.9 billion soums, and on 01.01.2021. amounted to 225.3 billion soums. Accounts receivable increases due to late payment of contractual work performed (by large customers).

As of 01/01/2020 accounts payable amounted to 79.6 billion soums, and on 01.01.2021. amounted to 68.3 billion soums. Compared to 2019, accounts payable are reduced by 11.3 billion soums.

#### 6.2.2. Forecast of financial and economic indicators.

In 2021, the total income of Uzbekgeofizika JSC is projected at 450 billion soums, which is 22.9 billion soums and 105.4% more than in 2020.

Of these, the net proceeds from the sale of goods and services for Uzbekgeofizika JSC is 443.0 billion soums, other income from core and financial activities is 5.4 billion soums and 1600.0 million soums, respectively.

The expected production cost is 253.0 billion soums, expenses for the period - 131.0 billion soums, expenses for financial activities - 2.0 billion soums. The main items of income and expenses are shown in tables 6.2.2.

At the end of 2021, it is planned to receive a profit before income tax in the amount of 64.0 billion soums. Net profit (after paying income tax) is 51.0 billion soums, which is 0.5 billion soums and 101.0% more than 2020 year.

As of 01.01.2022 accounts receivable is 180.0 billion soums, accounts payable is 60.0 billion soums.

## 6.2.2. Financial plan of JSC " Uzbekgeofizika " for 2021

( million soums )

No	Indicators of the balance of income and expenses	2019	9 months 2020	2020	2021	Growt	th rate		inclı	ıding:	
•		(fact)	(fact)	(fact)	(forecast)	(+/-)	%	1-quarter	2-quarter	3rd quarter	4th quarter
1	Income - total	366 949	287 928	427 082	450 000	22 918	105.4	103 600	118 800	117 600	110 000
	net proceeds	334 670	283 509	416381	443 000	26619	106.4	101 100	117 900	116 000	108 000
	Other income	10 767	3681	10 566	5400	-5 166	51.1	900	900	1600	2000
	income from financial activities	21 512	738	135	1600	1465	1,185.2	1600			
2	Production cost	179 582	161 169	231 081	253 000	21 919	109.5	61 500	67 800	64 600	59 100
	raw materials and supplies	49 742	36 777	60 705	61 000	295	100.5	15 200	16 200	15 200	14 400
	energy resources	22 749	15 378	20 251	24 000	3 749	118.5	6000	6000	6000	6000
	labor costs	53 010	62 066	88 403	89 000	597	100.7	20 600	23 100	23 300	22 000
	social security contributions	13 789	7453	10 752	11 000	248	102.3	2400	2900	3 100	2600
	depreciation of fixed assets	15 041	34 154	23 757	46 000	22 243	193.6	11 600	11 500	11 500	and 400
	other costs	25 251	5 341	27 213	22 000	-5 213	80.8	5 700	8 100	5 500	2700
3	Period expenses	105 498	83 330	130 729	131 000	271	100.2	30 400	33 700	34 500	32 400
	product sales costs										
	Administrative expenses	8 954	7 594	11 701	12 000	299	102.6	2900	3 300	3 200	2600
	other operating expenses	96 544	75 736	119 028	119 000	-28	100.0	27 500	30 400	31 300	29 800
4	Financing expenses	22 111	2358	2249	2000	-249	88.9	500	500	500	500
	interest expenses	3406	857	910	600	-310	65.9	200	100	100	200
	foreign exchange losses	18 705	1501	1 339	1400	61	104.6	300	400	400	300
	other expenses related to financial activities										
5	Profit (loss) before income tax (profit)	59 758	41 071	63 023	64 000	977	101.6	11 200	16 800	18 000	18 000
6	income tax	10 151	8014	12 538	13 000	462	103.7	2800	3 200	3 500	3 500
7	Net income (loss)	49 607	33 057	50 485	51 000	515	101.0	8 400	13 600	14 500	14 500
8	Accounts receivable	164 939	196 850	225 330	200 000	-25 330	88.8	1000	4000	10,000	10 330
9	Accounts payable	79 621	77 786	68 307	65 000	-3 307	95.2	1000	1000	1000	307

#### 6.2.3. Main sources of income

( million soums )

No	Sources of income	2019	9 months 2020	2020	2021	Diffei	rence		inclı	including	
•			(fact)	(fact)	(forecast)	(+/-)	%	1-quarter	1/_Alliartar	3rd quarter	4th quarter
	Total	366 949	287 929	427 082	450 000	22 918	105.4	103 600	118 800	117 600	110 000
1	Operating income	334 670	283 510	416 381	443 000	26 619	106.4	101 100	117 900	116 000	108 000
2	Other income	10 767	3681	10 566	5400	-5 166	51.1	900	900	1600	2000
	including:										
	rent of buildings and structures	436	521	726	800	74	110.2	200	200	200	200
	scrap metal income	1 374	1625	1 244	1840	596	147.9	500	400	500	440
	disposal of property, plant and equipment	2700	126	7003	500	-6 503	7.1				500
	provision of medical services	4767	1 297	1 340	2000	660	149.3	160	250	820	770
	farm and sewing shop	155	54	154	160	6	103.9	20	thirty	50	60
	accommodation services	102	58	99	100	1	101.0	20	20	thirty	thirty
	others	1 233									
3	Income from financial activities	21 512	738	135	1600	1467	1 203	1600			
	including:										
	dividend income	3 249	2	2							
	foreign exchange gains	18 263	736	133	1600	1467	1203. 0	1600			

#### Distribution of net profit

{mln, sum}

		201	9	2020	G.	2021		
No ·	Direction	Sum	Oud. all,	Sum		Sum	Oud.  weig  ht.	
	Net profit	49607	100%	50485	100%	51000	100%	
1	For dividends, <i>wh</i> :	32419	65.4%	33776	66.9%	34255	67.2%	
	for preferred - shares	2655	5.4%	2655	5.3%	2655	5.2%	
	for ordinary shares by state share	29764	60.0%	31121	61.6%	31600	62.0	
2	to the reserve fund	2480	5.0%	2524	5.0%	2550	5.0%	
	To the labor protection fund	662	1.3%	695	1.4	700	1.4%	
	To the construction fund and purchase of housing	992	2.0%	_		1000	2.0%	
5	Other*	13054	26.3%	13490	26.7%	12495	24.5%	

<sup>\*</sup> According to investment projects for the acquisition of geophysical equipment with subsequent capitalization in the Authorized Fund by increasing the state share.

#### 6.2.3. Main sources of income.

The main sources of income in 2021 are income from core activities (443.0 billion soums), other income (5.4 billion soums) and income from financial activities (1600 million soums). The total volume of main income by source is 450.0 billion soums without value added tax, which is 22.9 billion soums more than in 2020. Compared to 2020, the growth rate is 105.4%.

## 6.2.4. Sponsor help.

In accordance with Article 5 of the Law of the Republic of Uzbekistan "On Charity", the annual expenses of business entities with a state share in the authorized capital of more than 50 percent and state unitary enterprises for charity should not exceed 10 percent of net

profit received for the previous year, and are carried out when the indicators of their business plan are met in terms of net profit for the previous reporting year.

By the decision of the General Meeting of Shareholders dated June 29, 2017, the maximum amount of charitable (sponsorship) or gratuitous assistance was set at no more than 10% of the Company's net profit.

## Information on sponsorships provided by Uzbekgeofizika JSC for 2021

(million sum)

N o.	Name	2019	9 months 2020	2020	2021 (plan)	Growth rate, %
1	Sponsorship	149.6	274.2	275.1	5048	1233

### 6.2.5. Financial independence, liquidity and solvency, debt.

### Financial independence, liquidity and solvency

No	The name of indicators	2019	2020	<b>2021</b> (forecast)
1 .	The value of own working capital (thousand soums)	153328701	248148355	195729782
2.	The share of own working capital in covering reserves	3.0	3.0	2.4
3.	Share of working capital in assets	19.1	31.3	22.5
	Share of inventories in current assets	21.4	25.8	29.4
5.	Financial dependency ratio	1.42	1.29	1.06
6.	Financial leverage ratio (leverage)	0.42	0.29	0.06

## Accounts receivable and accounts payable

As of 01.01.2021 accounts receivable for JSC "Uzbekgeofizika" is 225.3 billion soums. The main debtors are Uzbekneftegaz JSC, an enterprise included in its structure and other drilling, oil and gas producing enterprises. Currently underway

work to pay off the debt of drilling and oil and gas companies in the amount of 85.0 billion soums through the judiciary.

As of 01.01.2021 accounts payable for JSC "Uzbekgeofizika" is in the amount of 68.3 billion soums.

**Information** about receivables and payables for 2020.

(million sum)

No.	Name	01.01.2020	04/01/2020	07/01/2020	09/01/2020	01/01/2021
	Accounts receivable	164939	161006	200619	196850	225330
2	Creditor debt	79621	75102	55452	77786	68307

## Forecast expected receivables and payables for 2021

(million sum)

No.	Name	01/01/2021	04/01/2021	07/01/2021	09/01/2021	01/01/2022
_	Accounts receivable	225330	224330	220330	210330	200000
2	Creditor debt	68307	67307	66307	65307	65000

#### 6.2.6. taxes to the budget.

In 2020, 76.7 billion soums of taxes and fees were paid to the budget, which is 12.2 billion soums less than in 2019. This is due to the fact that, according to the new tax code, geological exploration is exempt from VAT, and the social tax rate has been reduced from 25% to 12%.

The total amount of taxes and fees in 2021 will amount to 93.9 billion soums, which is 17.2 billion soums (122.4%) more than in 2020. This is mainly due to an increase in value added tax, income tax and social taxes, which in turn is associated with an increase in contractual work with customers.

#### VII. Plan of foreign economic activity (export and import).

#### 7.1. Export.

JSC "Uzbekgeofizika" actively participates in investment projects carried out by foreign investors in the territory of the Republic of Uzbekistan and provides various services for field and field geophysics, storage and transportation of radiation sources and SM, lease of the territory of the base of branches for over 15 years.

JSC "Uzbekgeofizika" has the necessary equipment and software necessary for geological research, as well as specialized warehouses certified for the storage of hazardous materials (HM and IRS). The joint-stock company has more than 1000 qualified specialists with special professional education and more than 20 years of field work experience. An additional advantage of JSC "Uzbekgeofizika" is the availability of certificates and permits, allowing it to be one of the leading geophysical organizations.

For 2021, the volume of exports of works and services in the amount of 70.0 billion soums (or in the currency equivalent of 6.0 million US dollars) is planned. At the end of 2020, the volume of exports of works and services under 30 contracts was completed in the amount of 70.6 billion soums.

The main activities of the Joint Stock Company for the export of works and services are as follows:

- geophysical surveys of wells for oil and gas,
- perforating and blasting operations in wells,
- complex laboratory studies of core,
- seismic surveys using the 2D and 3D methods,
- work on the preparation of geological and technical projects for field seismic surveys 2D,
- storage and transportation of explosive materials (EM) and sources of ionizing radiation (III),
  - services for renting the territory of the base and storing core.

Export of works and services is provided on the territory of the Republic of Uzbekistan to such companies as: Eriell (Austria and UAE), Epsilon (USA), Uz - Kor Gas Chemical (Korea), ANDIJANPETRO (Russia), Surhan Gas Chemical , BGP (China), CPLC (China), CNLC (China), Shlumberger (Virgin Islands), Sugdnaftugaz (Tajikistan), etc.

## Indicators of export of works and services for JSC $^{\prime\prime}$ Uzbekgeofizika $^{\prime\prime}$

thousand dollars

No.	Name of goods and	2019	2020	20	20	2021
110.	services	2019	9 months	plan	fact	(forecast)
1	Export of works and services - total	12683	4491	4800	6919	7000
1.1	Field geophysical - work	2342	_	_		1000
	Field geophysical - works	9334	4011	4405	6309	5727
1.3	Rental of the territory of the base	10	8	9	9	18
1.4	Storage and transportation of VM	795	249	201	321	160
1.5	Comprehensive laboratory research of the core	202	223	185	280	95
2	Export costs - total	10744	3140	3350	4800	5700
2.1	Salary	3685	1033	1200	1580	1800
2.2	fuel and lubricants	985	430	450	680	1000
2.3	Depreciation	748	598	600	910	1000
2.4	Material expenses	3816	784	800	1200	1400
2.5	Others ( taxes and deductions, utility services )	1510	295	300	400	500

#### **7.2. IMPORT**

In 2020, the company imported high-tech equipment in accordance with the investment project "Acquisition of high-tech equipment for geological exploration" (UP-4707, PP-3912, PP-4522) for a total amount of USD 7,570.77 thousand, materials (perforating systems and detonators seismic) for 3361.21 thousand dollars. Import was carried out from such countries as the USA, Canada, the Netherlands, Russia and China.

In accordance with PP-4522, it is planned to purchase equipment and materials in 2021 for a total amount of USD 1,370.00 thousand. At the same time, it is especially worth noting that goods and materials that are not produced in the Republic of Uzbekistan are imported.

List of equipment and other materials and equipment purchased by import for field and field geophysics JSC "O'ZBEKGEOFIZIKA" for 2021.

No.	Name of agricument	Qty in	Price	per unit	Su	ım
NO.	Name of equipment	comp./ units	thousa nd	million soums *	thousa nd	million sum
	nported equipment - total				1370.0	17125.0
	Sources of ionizing radiation (unit)	8	45.0	562.5	360.0	4500.0
2	G 3 accessories _ INOVA for repair and maintenance needs (optical fiber modules for interprofile connection and fiber optic cable), set	20	10.0	125.0	200.0	2500.0
3	Components ''Progress-L/T2/TZ'' for repair and maintenance needs (according to the list), set		500.0	6250.0	500.0	6250.0
I	Synchronization system for seismic vibrators (set)	1	310.0	3875.0	310.0	3875.0

<sup>\*-</sup> the amount is indicated approximately (1 USD = 12,500 soums).

The society is also taking steps to reduce imports. On the basis of JV "Techgeoservis", the assembly of GTI stations was organized, and their subsequent operation in the production cycle of JSC "Uzbekgeofizika". Along with this, the explosive emulsion substance Ho 6 enHT -216 Z has been used explosively for a long time during the work of MOGT-2D instead of blocks of TNT pressed, previously purchased by import. The issue of the possibility of creating a joint venture for the production of perforating pipes for perforating systems is also being worked out.

#### VII. Localization

In pursuance of the "ROAD MAP" to ensure the implementation of forecast indicators and increase the efficiency of geological exploration for oil and gas in 2020. approved on February 29, 2020 The Chairman of the State Committee for Geology has developed and is carrying out work in accordance with the "Work Plan for localization and import substitution in JSC " Uzbekgeofizika " for 2020" approved by the Chairman of the Board of the Company on 03.03.2020.

The work plan for 2020 provides for the implementation of 3 measures for the localization of geophysical equipment and 1 measure for import substitution through intersectoral cooperation. As of 01.12.2020 100% completed three activities for the production of seismic surveys of MOGT-2D under the State Exploration Program for 2020. 150 tons of seismic charges, previously purchased abroad, were purchased from a domestic manufacturer (single supplier). At the same time, the quality of the obtained geophysical materials did not deteriorate. Savings due to the difference in the cost of VM as a whole for the reporting period amounted to 8.0 billion soums.

According to the localization measures for the reporting period, it was assembled and put into production from 09/01/2020. one high-tech GTI station of the Geotest-5 type, the level of localization was 25%. The payback period for the project was 7 months. To date, active work is underway to assemble the second station by the JV " Techgeoservice ". An agreement was concluded with Geofizmash LLC (RF) for the supply of equipment and components for the Kedr-101 station.

The performance of 30 units of a geophysical downhole tool was restored and all of them were put back into production. The costs of these activities amounted to 158.0 million soums. The economic effect from the introduction into production in just three months amounted to 680.3 million soums. At the same time, the productivity and quality of the geophysical material improved.

In terms of modernization, defective acts were drawn up for 4 GTI stations. At present, gas-air lines, weight, temperature, volume sensors, a driller's display, a color printer, a walkie-talkie, WI - FI have been purchased for the modernization and completion of the stations router, air compressor and other accessories. The chassis of GTI stations has been repaired. As of 12/01/2020 all four GTI stations are put back into production.

The continuation and successful implementation of these projects in 2021 will increase the competitiveness of the Company, the quality of geophysical data, the reliability of processing and conclusions on them.

#### Work plan for localization and import substitution in Uzbekgeofizika JSC for 2021

N.T.	<del>_</del>			1		I	<b>TD</b> : •
N o.	Name	Expected production effect	Costs* thousand	Expected	Place	Responsible	Timing perform
	Events	production effect	soums	Expected annual savings, effect**, thousand soums	implement ation	nye performers	ed eniya
	Assembly and implementation of 3 (three) high-tech - geological research stations ( GTI)	Improving the quality and information content of the services	2 550 000	3,600,000	Branches "APGE", "UGE".	JSC " Uzbekge - Ofizika " (L.A.	IN
_	Restoration and modernization of 5 (five) GTI stations	provided for the GTI and GGI	1 500 000	4 800 000	Branches "APGE",	Narzillaev ) JV " TEXGEOSER - VISE " (E.A. T spools )	and
3	Recovery of 40 geophysical instruments	Improving the quality and information content	200 000	700 000	"FGE", "UGE".	1 spoots )	
4	Nobelit - 216 Z through intersectoral cooperation in SE NMMC	Performance of work CDP 2D by explosive method	2 154 059	8,000,000	Seismopart and 2D branches "BGE", "UGE", "YAGE".	Head of OKiTPPiR R.Kh. Atabaev	IN currents and years

<sup>\* -</sup> values are indicative, the exact amounts will be determined upon direct purchase of the necessary materials and equipment and other costs;

<sup>\*\* -</sup> values are indicative, it is possible to make an accurate calculation of the economic effect of the implementation of the measure after its implementation.

#### IX. Investment projects

Over the past year, the company implemented the investment project "Acquisition of high-tech equipment for geological exploration", carried out in accordance with the Decree of the President of the Republic of Uzbekistan dated March 4, 2015 No. UP-4707 "On the Program of Measures to Ensure Structural Transformations, Modernization and Diversification of Production for 2015- 2019", by resolutions of the President of the Republic of Uzbekistan dated July 20, 2016 No. PP-2564 "On measures to implement the investment project "Acquisition of high-tech equipment for geological exploration by JSC Uzbekneftegaz", dated February 3, 2018 No. PP-3507 "On approval of lists of investment and infrastructure projects for 2018" and dated August 20, 2018 No. PP-3912 "On additional measures for the implementation of the investment project "Acquisition of high-tech equipment for geological exploration by JSC Uzbekneftegaz".

Within the framework of the project, three import contracts were concluded and executed: for the supply of a ZD seismic complex with 9,000 channels; field - geophysical equipment; data center.

#### **Implemented investment projects**

No.	Name	Basics ing	Term	cost st	power ness	Balance at the beginning of period	2020Y. (c/	fact	Fulfilled , _ %
	Total								
1.	Acquisition of high- tech personal equipment _	UP- 4707, PP- 3912	2020	24056.12	24056.12	16485.35	7570.77	7570.77	100

## X. Ecology and environmental impact.

In the field of ecology and environmental protection, control, accounting, analysis and evaluation of the work carried out in JSC "Uzbekgeofizika" are implemented in accordance with the laws of the Republic of Uzbekistan "On Nature Protection", "On Protection of Atmospheric Air", "On Waste", as well as in order to further improvement of economic mechanisms for ensuring nature protection, on the basis of the Decree of the Cabinet of Ministers of the Republic of Uzbekistan No. 820 dated October 11, 2018 "On measures to further improve economic mechanisms for ensuring nature protection".

In order to fulfill the requirements of the Regulation "On the procedure for applying compensation payments for environmental pollution and waste disposal on the territory of the Republic of Uzbekistan" (Appendix No. 1

to the Decree of the Cabinet of Ministers of October 11, 2018 No. 820) constant and regular monitoring of the state of industrial sanitation, labor protection and the environment in the branches of the Company is carried out.

Measures have been developed "On the implementation of the requirements of the Decree of the President of the Republic of Uzbekistan No. PP-3823 dated July 2, 2018 "On measures to improve the efficiency of the use of water resources" in the divisions of JSC "Uzbekgeofizika", according to which work is organized to inventory the use of water resources throughout the Company and branches .

The main types of impact on the environment are the consequences of mechanical impact on the soil by blasting. Technical projects for conducting field seismic surveys provide for land reclamation on seismic profiles, which is carried out by the company's subdivisions upon completion of work.

In each branch, in the manner prescribed by law, environmental projects for maximum allowable emissions, maximum allowable waste and maximum allowable discharges were approved in accordance with the DCM of the Republic of Uzbekistan dated 14.01.2014 No. 14.

It is envisaged to develop draft statements on the impact on the environment and statements on the environmental consequences at hazardous production facilities of the company. (RCM No. 541 of 09/07/2020)

## Measures planned for implementation in 2021 to reduce the impact of the enterprise on the environment and the environment.

No.	Plan- event	implementatio n	nia	Expected results	Size lesion funds	Source finance ing	Responsible nye
1.	Increase in the number of photoelectrics» 1 eu to their stations and maintenance available.	co2 emission		30412.8 kg from 2	25000000 sum	own nye facilities.	Leaders branches chief energy
2.	· ·	co2 emission reduction		10278.4 kg C0 <sub>2</sub>	28000000 sum	own nye facilities.	Leaders branches chief energy
3.	Compliance with regime cards in boiler rooms.	co2 emission reduction		466 900 kg C0 2			Leaders branches chief energy