



Production of electronic printed circuit boards



Relevance of the project

Printed circuit boards are used in almost all sectors of the national economy, and the demand for them is constantly growing. The advanced rates of development of microelectronics require a continuous increase in their technical level, which is determined by an increase in the density of installation of electrical and radio products, increased requirements for reliability, and an increase in the pulse repetition rate. Meeting these requirements depends on advances in the design and development of printed circuit board technology. Printed circuit boards are widely used in household appliances, communication equipment, computers and automation systems.



Advantages of project implementation

Printed circuit board production is a business that has profitability in absolutely any country, as in the creation of electronic equipment is not possible without this component.



Import analysis

The analysis of the market of the Republic of Uzbekistan shows that in 2019 the total volume of import of electronic printed circuit boards to the Republic of Uzbekistan accounted for **7.9 million USD.** The main consumers of electronic printed circuit boards are companies operating in the electro-technical industry.



Local partners

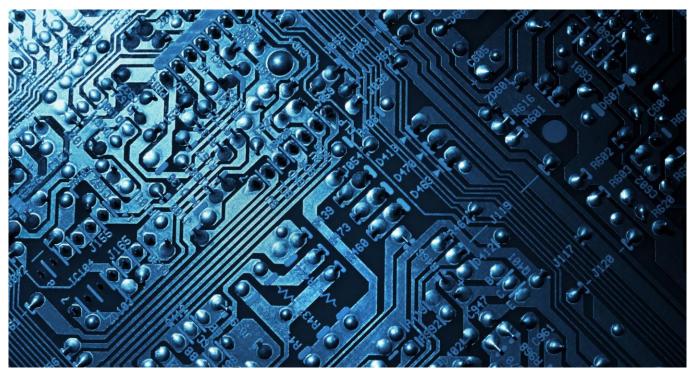
If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$12.5 M

Estimated project cost

5 years

Payback period of the project

80

Number of new jobs created

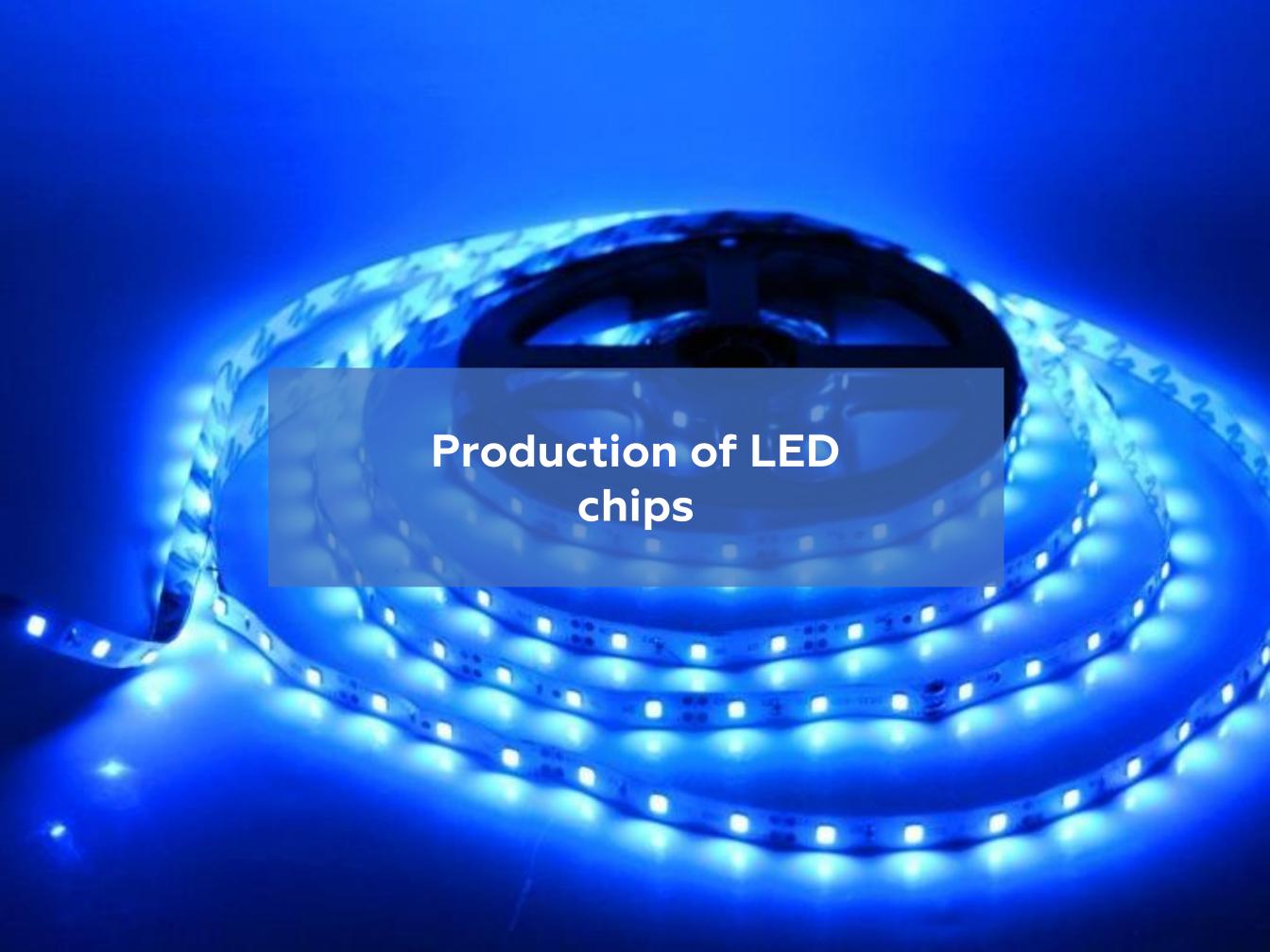


Production volume and revenue

Product name	1 year		2 year		3 year		4 year	
	quantity (thousand units)	amount (in M USD)						
Electronic printed circuit boards	1 500	11.4	2 500	19.0	3 500	26.6	4 500	34.2



Sales market





Production of LED chips



Relevance of the project

The development of the trend towards energy saving contributes to the growth of the market for LED light sources, including in the territory of the Republic of Uzbekistan. Practice shows that the demand for LED systems depends on the volume of government orders and funds allocated for the implementation of energy efficient technologies.

As you know, demand creates supply. Therefore, today we are witnessing the rapid development of the market for lighting fixtures with LED light sources. Indeed, thanks to their miniature size, more options have appeared for the implementation of the most daring and non-standard design projects.



Advantages of project implementation

According to analysts, by the end of this year the volume of the domestic lighting market will reach 1.4 billion USD. Last year, LEDs accounted for about 60% of the total turnover in the consumer and professional sectors of the lighting market.



Import analysis

The total import volume of LED chips in 2018 amounted to 30,743.6 thousand units. In monetary terms, this indicator amounted to **4.7 million USD.** In 2019, the volume of imports increased by 5%, reaching 32,141.5 thousand units in quantitative terms, and in monetary terms - **6.1 million USD.**



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$23.4 M

Estimated project cost

5 years

Payback period of the project

293

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (million units)	amount (in M USD)						
LED chips	12.2	27.5	14.2	33.8	18.3	45.9	20.4	53.7



Sales market





Production of compressors for household appliances



Relevance of the project

The market for household air conditioners, refrigerators and freezers, where the compressor is an integral part, is one of the main sectors of the consumer goods market. Currently, through the Uzeltexsanoat Association, work is underway to implement new investment projects aimed at mastering the production of household refrigerators with a design capacity of 1.0 million units, which will increase the demand for compressors for household appliances in the republic.



Advantages of project implementation

Analysts estimate the global refrigeration and air conditioning compressor market was valued at 15.3 billion USD by the end of 2019. The long-term outlook for the global compressor market remains positive. The market value will increase by 4.1% CAGR during the forecast period (2019-2028).



Import analysis

The total volume of imports of compressors for household appliances in 2018 amounted to 709.4 thousand units. In monetary terms, this indicator was **27.6 million USD.** In 2019, the volume of imports increased by 37%, reaching 974.4 thousand units in quantitative terms, and **38.9 million USD** in monetary terms.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones







Key investment indicators

\$27.8 M

Estimated project cost

5 years

Payback period of the project

293

Number of new jobs created

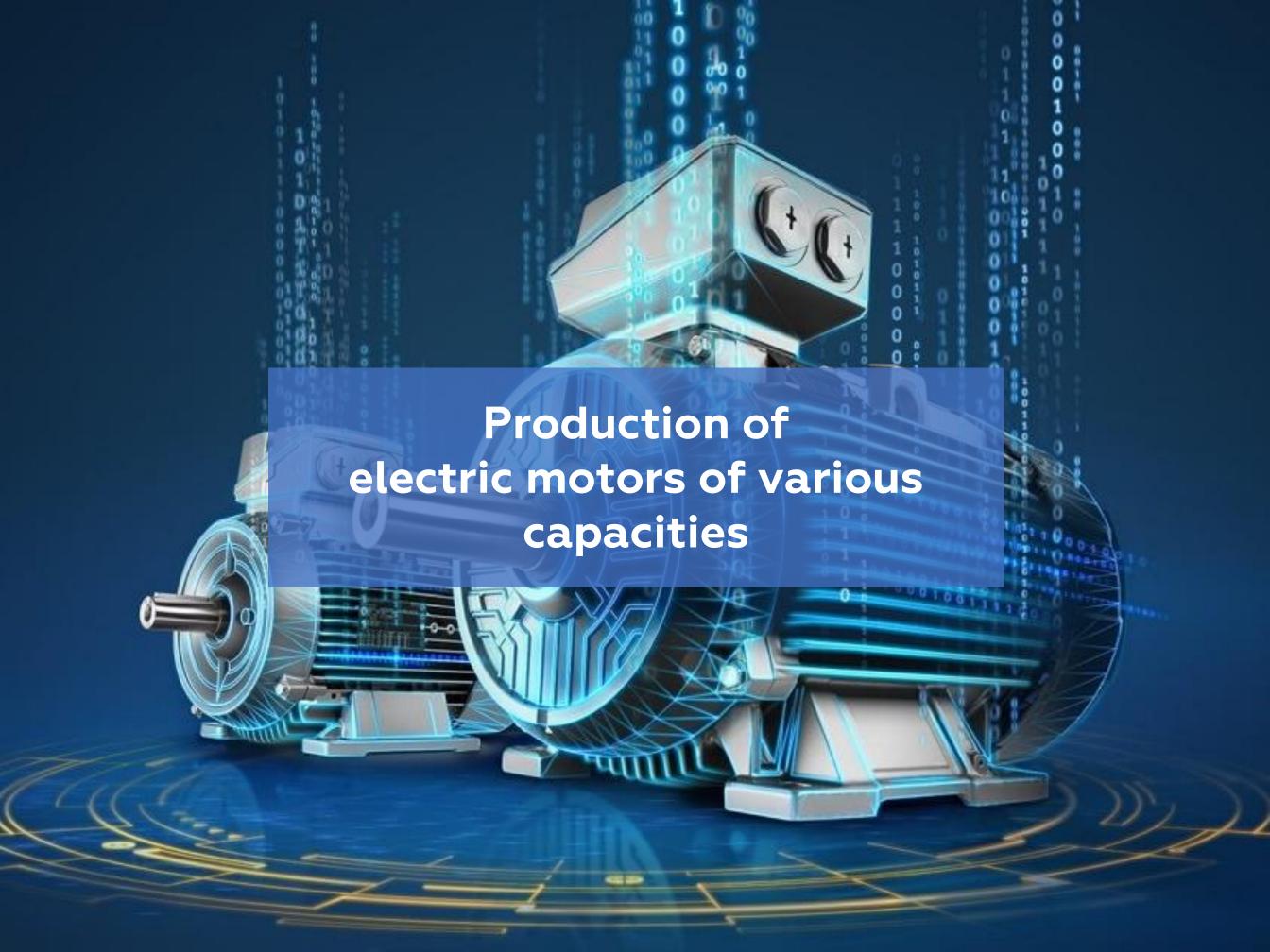


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Compressors for household appliances	610.0	36.1	730.0	43.5	850.0	50.9	1 020.0	61.0



Sales market





Production of electric motors of various capacities



Relevance of the project

According to analyst firm GfK, last year global sales of household appliances and electronics, where electric motors are an integral part, for the first time exceeded the 1 trillion Euro. This year, GfK predicts another 2% growth in sales, which will push the global market to 1.03 trillion Euro.

Research and Markets predicts that the electric motor market will grow by an average of 6.5% annually by 2022.



Advantages of project implementation

Research and Markets analysts note that the global electric motor market is reviving due to increased industrial use, growing demand from the residential and commercial sectors, and replacement of outdated electric motors. The capacity of this market is already about 200 billion USD.



Import analysis

The total volume of imports of electric motors of various capacities in 2018 amounted to 4.1 million units. In monetary terms, this figure was **39.4 million USD.**

In 2019, the volume of imports increased by 15%, reaching indicators in quantitative terms, 4.7 million units, and in monetary terms - 69.0 million USD.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$25.6 M

Estimated project cost

6 years

Payback period of the project

264

Number of new jobs created

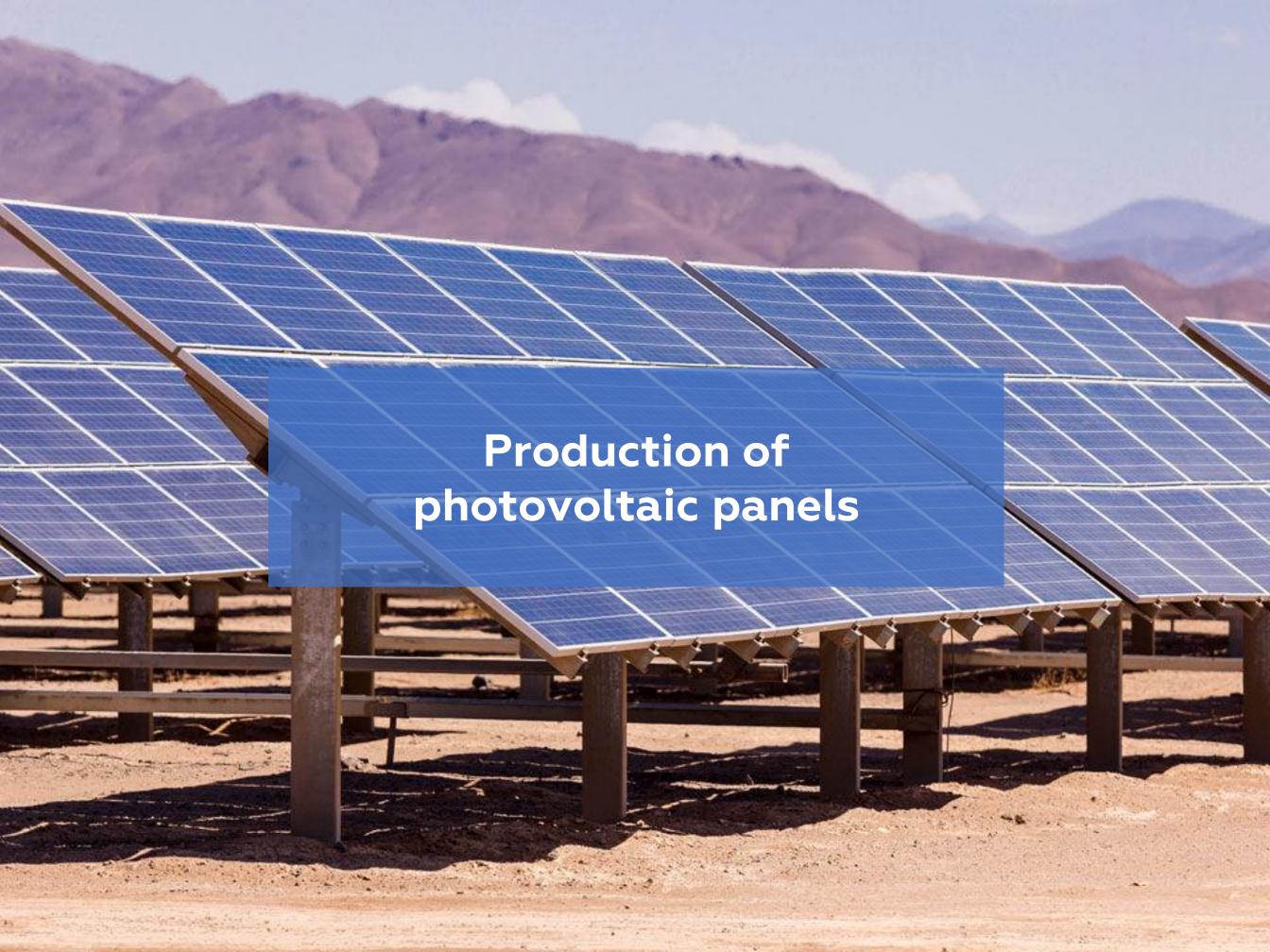


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Electric motors of various capacities	830.3	11.9	1 245.6	18.8	1 660.7	26.4	2 075.9	34.8



Sales market





Production of photovoltaic panels



Relevance of the project

In the near future, a PPP-based tender will be launched in Uzbekistan for two more projects in the field of solar energy with a capacity of up to 200 MW each in Samarkand and Jizzakh regions, followed by additional tenders with a total capacity of 500 MW.

Uzbekistan has set itself a goal of generating alternative energy with a capacity of up to 5 GW by 2030.



Advantages of project implementation

According to research by IHS Markit, the global photovoltaic (PV) market will grow 142 GW in 2020, up 14% from last year. The key European markets are expected to be Spain, Germany, the Netherlands, France, Italy and Ukraine, which will account for 63% of all new solar generation facilities in Europe in 2020.



Import analysis

Total imports of photovoltaic panels for 2019 amounted to **4.4 million USD** in monetary terms.



Local partners

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Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$15.0 M

Estimated project cost

4 years

Payback period of the project

70

Number of new jobs created

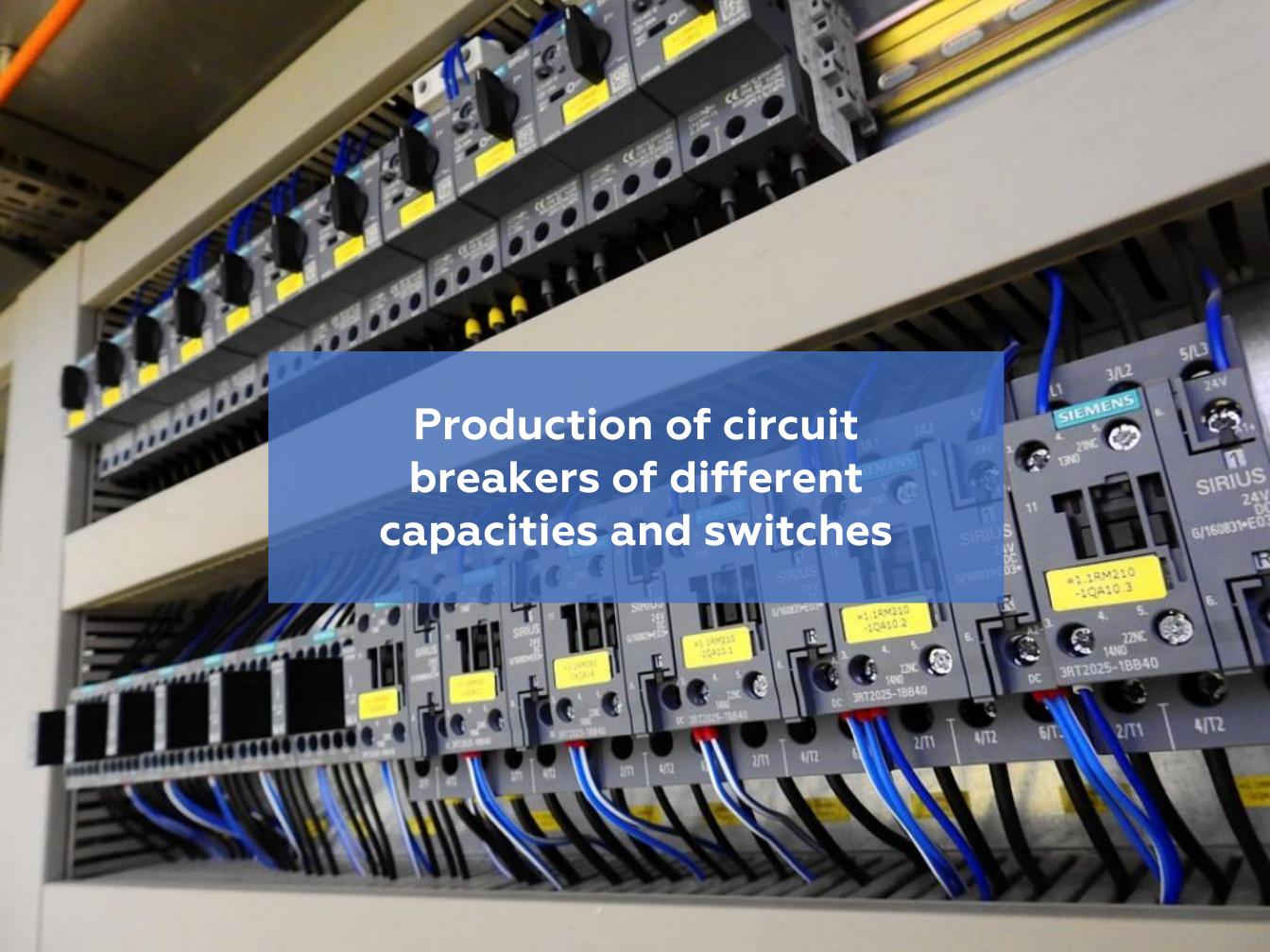


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (MW)	amount (in M USD)						
Photovoltaic panels	50.0	20.0	70.0	28.0	85.0	34.0	100.0	40.0



Sales market





Production of circuit breakers of different capacities and switches



Relevance of the project

Population growth, urbanization and economic reforms, especially in developing countries, the need for modernization of power transmission networks is increasing significantly. This leads to an increase in demand for electrical devices such as circuit breakers.

According to expert reports, the circuit breaker market is expected to reach a value that is projected to reach 10 billion USD by 2024, increasing by an average of 4.5% during 2019-2024.



Advantages of project implementation

According to the latest report from the IMARC Group, entitled Switch Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2019-2024, the global switch market has reached over 7 billion USD in 2019.



Import analysis

The total import volume of circuit breakers and switches in 2018 was 1.8 million pcs. In monetary terms, this indicator amounted to **16.4 million USD.** In 2019, the volume of imports increased by 72%, reaching 3.1 million units in quantitative terms, and in monetary terms - **34.2 million USD.**



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones









Key investment indicators

\$7.0 M

Estimated project cost

4 years

Payback period of the project

90

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Circuit breakers and switches	600.0	5.5	900.0	8.2	1 200.0	10.8	1 400.0	12.5



Sales market





Production of ATMs, cash registers and terminals for electronic payment



Relevance of the project

In the future, the development of the industry will be driven by the demand for automated channels of access to financial services, as well as the increasing complexity of security standards. Expansion of the ATM network and operating costs will drive the segment's

According to Retail Banking Research's "World ATM Market and Forecast 2020", there are approximately 420 ATMs for every million inhabitants of the planet.



Advantages of project implementation

Research firm Grand View Research Inc. predicts that the global ATM market will reach 24.92 billion USD by 2022.



Import analysis

The total volume of imports of ATMs and electronic payment terminals in 2018 amounted to 43.4 thousand units. In monetary terms, this indicator amounted to 26.5 million USD. In 2019, the volume of imports increased by 7 times, reaching 314.4 thousand units in quantitative terms, and in monetary terms - 91.5 million USD.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$27.3 M

Estimated project cost

5 years Payback period of the project

110

Number of new jobs created

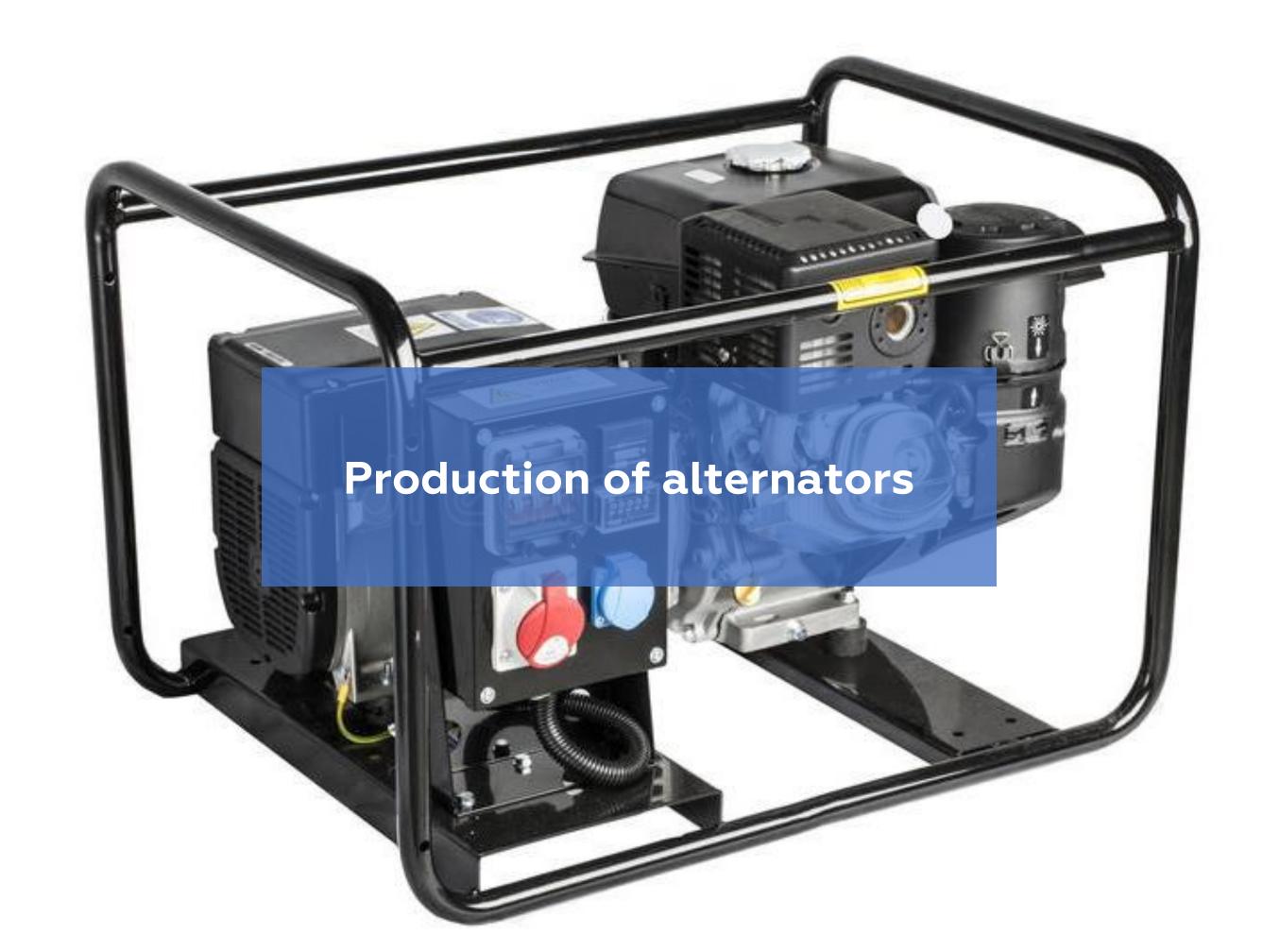


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
ATMs, cash registers and terminals for electronic payment	30.5	9.1	58.0	18.1	85.5	27.0	113.0	35.9



Sales market





Production of alternators



Relevance of the project

The worldwide demand for electricity is contributing to the growing adoption of alternators in a variety of industries.

The global generator market is expected to receive a strong boost from the booming automotive sector in emerging economies China, India and Taiwan. According to the research report, the global generator market is to be valued at 28.9 billion USD by the end of 2024.



Advantages of project implementation

With the growing demand for alternators, the demand for electricity will grow as investment in the construction, automotive and infrastructure sectors rises. In addition, rising utility costs are expected to have a positive impact on the global generator market.



Import analysis

The total volume of imports of alternators in 2018 amounted to 2.4 thousand units. In monetary terms, this figure was 25.2 million USD.

In 2019, the volume of imports increased 2.1 times, reaching 5.1 thousand units in quantitative terms, and in monetary terms - 40.2 million USD.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$29.9 M

Estimated project cost

5 years Payback period of the project

90

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (units)	amount (in M USD)						
Alternators	1 560.0	15.66	1 950.0	22.69	2 640.0	29.98	3 130.0	37.11



Sales market





Production of computer and office equipment



Relevance of the project

Today the field of information technology is considered to be the most dynamically developing one. This is a natural course of events, given the global computerization and the ever increasing access to certain information. The volume of the profile market is estimated at about 2 trillion USD and there is an annual stable increase.



Advantages of project implementation

In 2019, the global personal computer market grew for the first time in 8 years. This is evidenced by data from Gartner, released on January 13, 2020.

In 2019, analysts estimate that manufacturers worldwide shipped a total of 261.2 million desktops, laptops and hybrid devices.



Import analysis

The total volume of imports of computer equipment in 2018 amounted to 81.3 thousand units. In monetary terms, this figure was **10.5 million USD.**

In 2019, the volume of imports increased by 29%, reaching indicators in quantitative terms of 105.0 thousand units, and in monetary terms - 21.5 million USD.



Local partners

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Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$24.4 M

Estimated project cost

4 years

Payback period of the project

105

Number of new jobs created

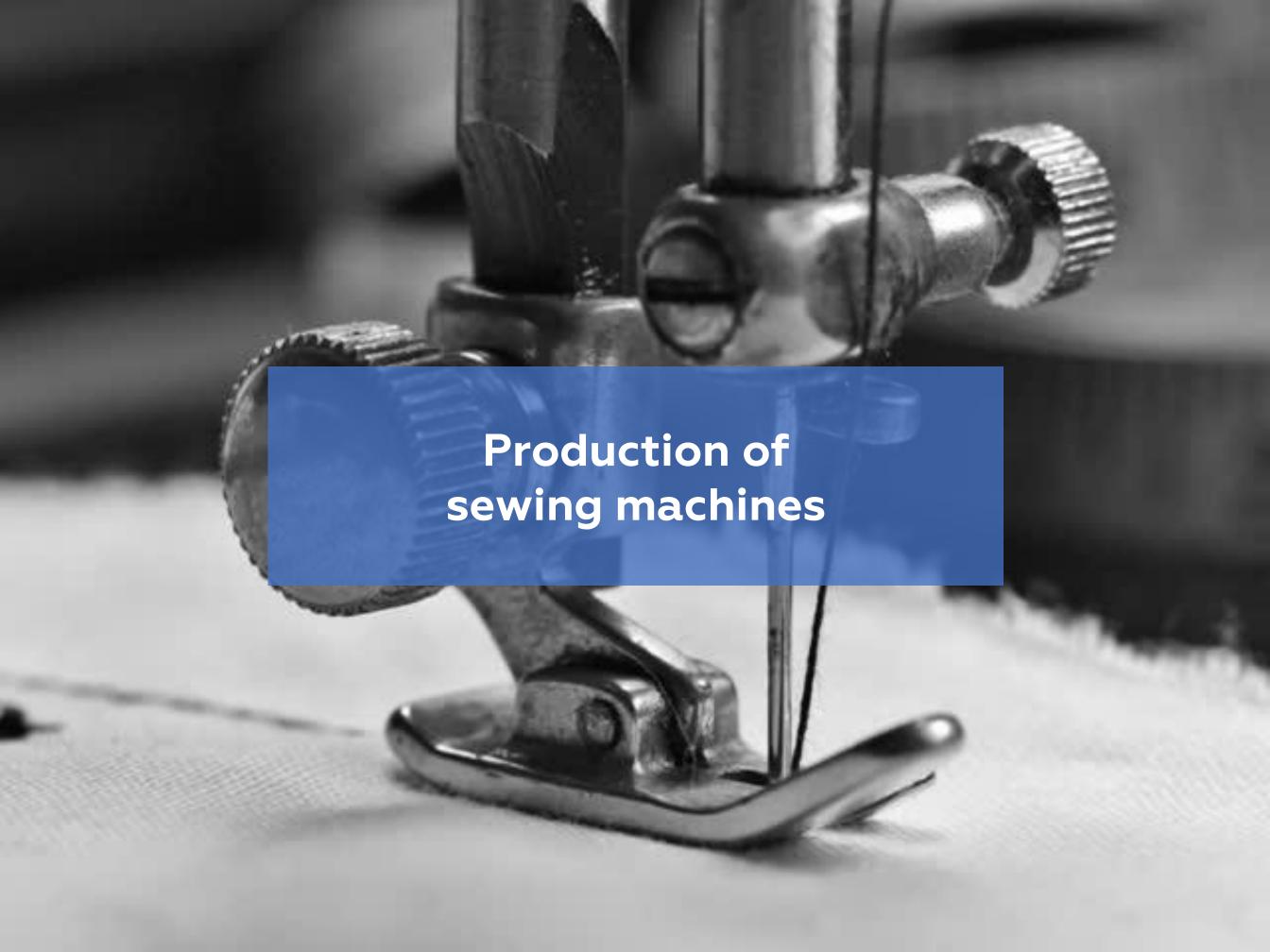


Production volume and revenue

	Product name	1 year		2 year		3 year		4 year	
		quantity (thousand units)	amount (in M USD)						
	Computer and office equipment	35.0	11.7	70.0	23.5	110.0	36.7	150.0	50.0



Sales market





Production of sewing machines



Relevance of the project

The textile industry of Uzbekistan is not only one of the fastest growing segments of the economy, but also a leader in attracting foreign investment and exporting products. Target parameters of the volume of production of textile and garment and knitted products for 2020-2025 confirm the stable growth in the volume of production of textile and sewing-knitted products, which, in turn, will lead to an increase in the republic's demand for sewing machines.



Advantages of project implementation

The global household sewing machine market is growing at a high CAGR during the forecast period 2020-2026. The growing interest of individuals in this industry is the main reason for the expansion of this market.



Import analysis

The total volume of imports of sewing machines in 2019 compared to last year increased 1.4 times and amounted to 274.3 thousand units. In monetary terms, this figure was **74.7** million USD.



Local partners

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Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$8,0 M

Estimated project cost

4 years

Payback period of the project

125

Number of new jobs created

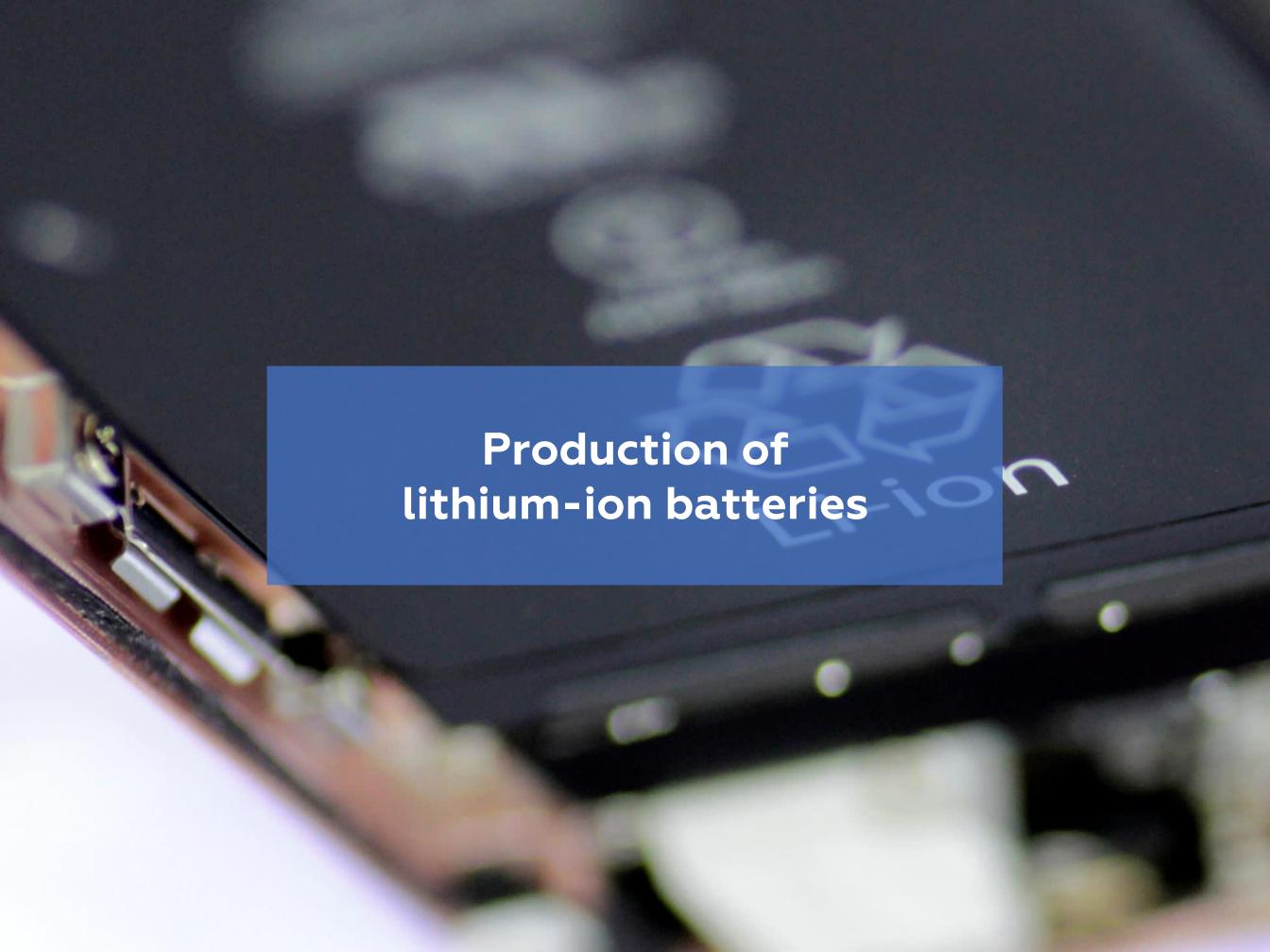


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Sewing machines	50.0	12.0	100.0	24.0	120.0	28.8	150.0	36.0



Sales market





Production of lithium-ion batteries



Relevance of the project

Li-ion batteries are among the most common rechargeable batteries in portable electronics. They have a high specific charge density, do not have a "memory effect" and have a rather slow loss of capacity due to self-discharge (5-10% per year) in comparison with other types of storage batteries.



Advantages of project implementation

The volume of the global market for lithium-ion batteries in 2019 reached 31.36 billion USD, according to the analytical company Research And Markets. According to the researchers, the growth of the lithium-ion battery market is driven primarily by the supply of high-density cells for them.



Import analysis

The total import volume of lithium-ion batteries in 2018 amounted to 368.3 tons. In monetary terms, this figure was **2.6 million USD.**

In 2019, the volume of imports amounted to 241.5 tons in quantitative terms, and in monetary terms - **4.3 million USD.**



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$14,0 M

Estimated project cost

4 years

Payback period of the project

70

Number of new jobs created

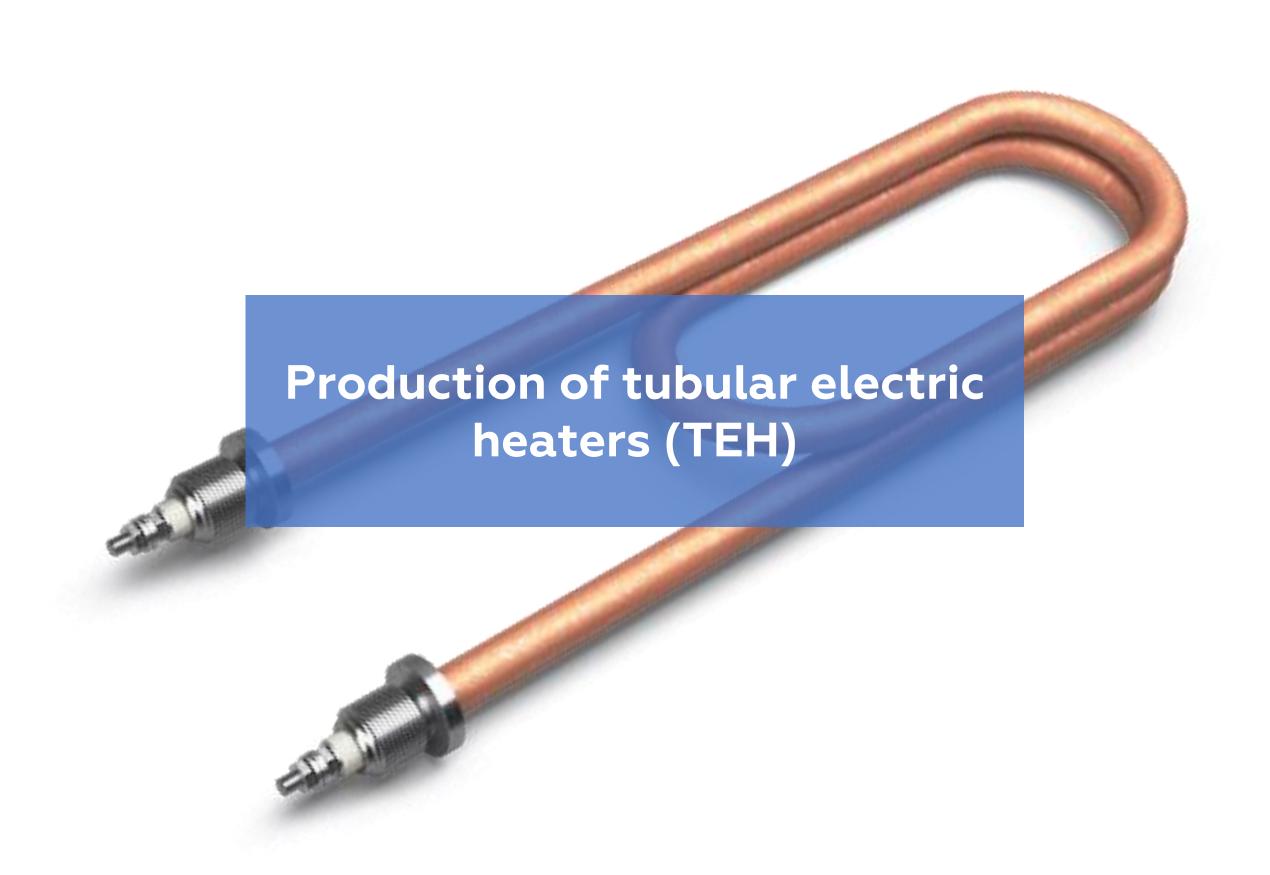


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (units)	amount (in M USD)						
Lithium-ion batteries	3 350.0	13.6	4 250.0	18.4	6 800.0	33.0	9 700.0	47,1



Sales market





Production of tubular electric heaters (TEH)



Relevance of the project

TEHs today are the most used and efficiently performing work on additional heating on equipment with devices where it is necessary to produce low or medium temperature heating. Their design allows you to fully protect the insides of the device from the negative effects of the environment.



Advantages of project implementation

According to www.marketdataforecast.com, the global market for tubular electric heaters in 2019 was 666.92 million USD and is projected to reach 1,056.66 million USD by 2025, with an average annual growth rate of 8.2% over a period of time.



Import analysis

The total volume of imports of tubular electric heaters in 2018 amounted to 455.7 thousand units. In monetary terms, this figure was **1.5 million USD.**

In 2019, the volume of imports amounted in quantitative terms to 629.1 thousand units, and in monetary terms - 1.9 million USD.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$2.5 M

Estimated project cost

4 years

Payback period of the project

35

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Tubular electric heaters	150.0	0.95	230.0	1.45	350.0	2.2	400.0	2.5



Sales market





Production of combined boilers



Relevance of the project

In the next 6-7 years, analysts predict positive dynamics for the combined boilers market. Increased efforts to reduce carbon dioxide emissions, coupled with the adoption of stringent energy efficiency standards for heating technologies, will further improve the combined boiler market.



Advantages of project implementation

According to Global Market Insights, Inc. The combined boiler market in 2019 was valued at more than 23 billion USD, with annual sales expected to exceed 11 million units by 2026. Increased investment in the installation of efficient space heating technologies, along with an increasing focus on limiting carbon emissions, will stimulate global demand for the product.



Import analysis

The total import volume of combined boilers in 2018 amounted to 69.1 thousand units. In monetary terms, this indicator was **18.3 million USD.**

In 2019, the volume of imports amounted to 72.5 thousand units in quantitative terms, and in monetary terms - 21.3 million USD.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$4.5 M

Estimated project cost

4 years

Payback period of the project

45

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Combined boilers	10.0	5.0	20.0	10.0	40.0	20.0	50.0	25.0



Sales market





Production of electric heaters



Relevance of the project

Government initiatives to improve energy efficiency across all industries are expected to be coupled with technological innovation to drive the electric heater market. Rising costs in the construction sector are also expected to boost demand for the product in the coming years.



Advantages of project implementation

According to Grand View Research, the global heating equipment market in 2019 was estimated at 35.56 billion USD and is expected to grow at a CAGR of 5.4% from 2020 to 2025, driven by an increase in the number of installations of energy efficient heating systems.



Import analysis

The total volume of imports of electric heaters in 2018 amounted to 871 thousand units. In monetary terms, this figure amounted to **6.1 million USD.**

In 2019, the volume of imports amounted to 676 thousand units in quantitative terms, and in monetary terms - 7.7 million USD.



Local partners

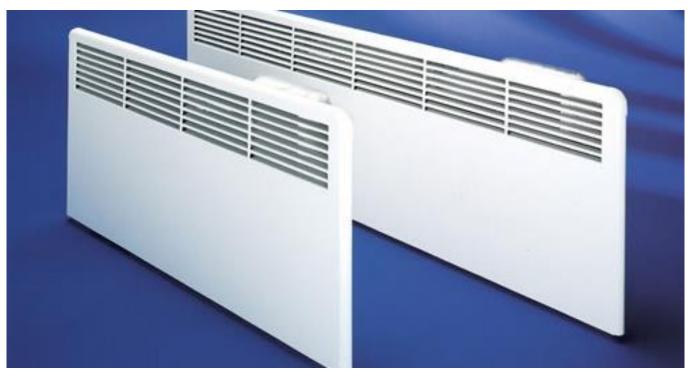
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Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$4.0 M

Estimated project cost

3 years

Payback period of the project

30

Number of new jobs created

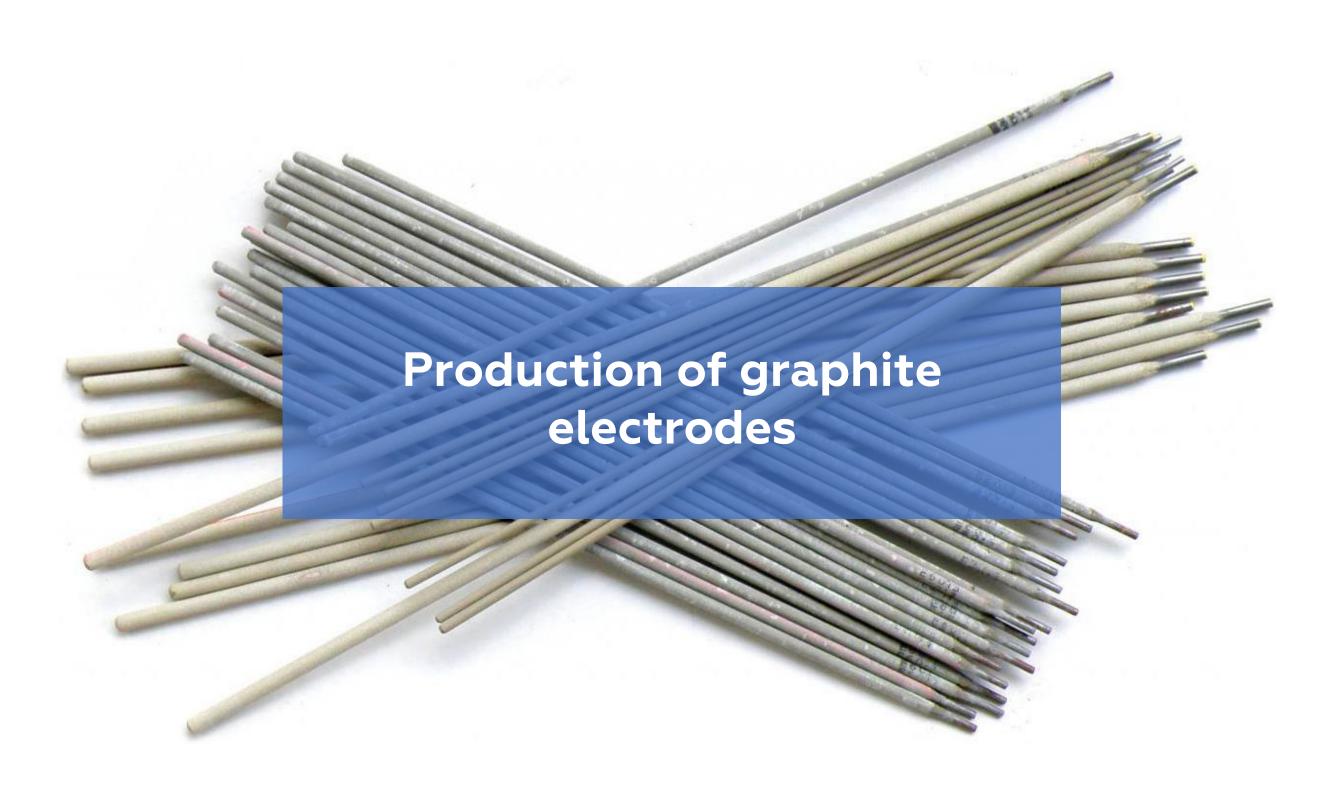


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Electric heaters	100.0	7.0	180.0	12.6	250.0	17.5	350.0	24.5



Sales market





Production of graphite electrodes



Relevance of the project

The world production of graphite electrodes is largely dependent on the production of steel in electric arc furnaces. The growth of the world production of electric steel is the main driver of the development of the graphite electrode market. The key market factors are the absence of substitutes for graphite electrodes for the production of electric steel, their frequent replacement (every 8-10 hours), and a small share in the structure of steel costs (2-3%).



Advantages of project implementation

According to Stratview Research forecasts, the global graphite electrode market will grow rapidly over the next five years and will reach 15.3 billion USD in 2024. Factors affecting the world market for graphite electrodes is the stable growth of steel production by the EAF method (electric arc furnace)



Import analysis

The total volume of imports of graphite electrodes in 2018 amounted to 1,661 tons. In monetary terms, this indicator was **33.3 million USD.**In 2019, the volume of imports amounted to 1,632 tons in quantitative terms, and in monetary terms - **27.4 million USD.**



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$1.0 M

Estimated project cost

3 years

Payback period of the project

15

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand packs)	amount (in M USD)						
Graphite electrodes	540	3.8	715	5.0	895	6.3	1 000	7.0



Sales market





Production of sockets and plugs



Relevance of the project

The industrial plug and socket market is driven by factors such as ease of installation, advanced manufacturing technology and low raw material cost. In addition, the growth of manufacturing and construction activities in developing regions is driving the growth of the industrial plug and socket market. Another important factor driving the growth of the industrial plug and socket market is the safety features built into these plugs and sockets.



Advantages of project implementation

According to New Research, the global industrial plugs and socket market is expected to grow by an average of 3.6% over the next five years and reach 2.2 billion USD in 2024, up from 1.8 billion USD in 2020 year.



Import analysis

The total volume of imports of plugs, sockets and switches in 2018 amounted to 584 tons. In monetary terms, this indicator was **2.1 million USD.**

In 2019, the volume of imports amounted to 845 tons in quantitative terms, and in monetary terms - 4.7 million USD.



Local partners

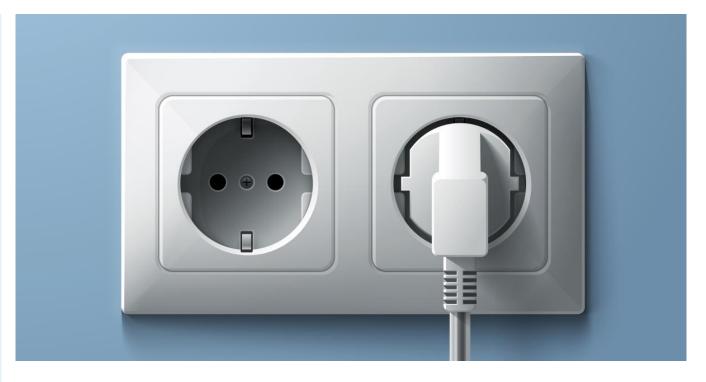
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Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$2.0 M

Estimated project cost

5 years

Payback period of the project

30

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
Sockets and plugs	450.0	1.1	550.0	1.35	680.0	1.66	850.0	2.1



Sales market





Production of uninterruptible power supplies (UPS) and stabilizers



Relevance of the project

UPS is one of the key elements of the engineering infrastructure of modern enterprises of all sizes. And therefore, the revival of this market can be interpreted as an indication that the IT industry as a whole is gaining momentum.



Advantages of project implementation

The global market for uninterruptible power supplies (UPS) in 2018 was estimated at 10.5 billion USD to 11.0 billion USD. In addition, the value of the uninterruptible power supply market is estimated to grow steadily on average in the range of 3% to 5% for the forecast period from 2019 to 2025.



Import analysis

The total volume of imports of uninterruptible power supplies and stabilizers in 2018 amounted to 18,000 units. In monetary terms, this indicator amounted to 2.3 million USD. In 2019, the volume of imports amounted to 12.0 thousand units in quantitative terms, and in monetary terms - 1.8 million USD.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$4.0 M

Estimated project cost

5 years

Payback period of the project

55

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)						
UPS and stabilizers	10.0	1.7	15.0	2.55	18.0	3.06	20.0	3.4



Sales market





Production of modems and routers



Relevance of the project

A major driver of the growth of wireless technology is the regularly changing standards set to improve routers. Wireless router technology has evolved steadily over the past decade, keeping pace with advances in standards set by the Institute of Electrical and Electronic Engineers (IEEE). These standards are regularly updated to improve network throughput in terms of maximum speed and transmission capabilities.



Advantages of project implementation

According to Mordor Intelligence, the modem and router market was valued at 9.7 billion USD in 2019 and is expected to reach 15.4 billion USD by 2025, with a CAGR of 8.4% over the forecast period from 2020 to 2025.



Import analysis

The analysis of the market of the Republic of Uzbekistan shows that in 2018 the total volume of imports of modems and routers of various sizes to the republic amounted to 539.2 thousand units totaling **37.4** million **USD**, 1.7 million units were imported in 2019 modems and routers of various sizes for a total of **66.1** million **USD**.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$4.0 M

Estimated project cost

3 years

Payback period of the project

40

Number of new jobs created



Production volume and revenue

	1 y	ear	2 y	2 year		3 year		4 year	
Product name	quantity (thousand units)	amount (in M USD)							
Modems and routers	150.0	3.95	270.0	7.0	395.0	10.25	520.0	13.5	



Sales market





Production of vending machines



Relevance of the project

Flexibility in terms of location, i.e. indoor or outdoor, combined with the ability to operate machines 24/7 without any manual intervention, makes them ideal for use in offices, commercial and public spaces. Vending machines are very efficient as they help save labor costs, which also drives up demand.



Advantages of project implementation

The global vending machine market volume was estimated at 30.30 billion USD in 2018 and is expected to grow at a CAGR of 9.4% between 2019 and 2025. The demand for snacks, drinks, etc. on the go is on the rise due to hectic lifestyles. The growth can also be attributed to the machine's ability to deliver goods quickly, making it an extremely convenient option for consumers.



Import analysis

The analysis of the market of the Republic of Uzbekistan shows that in 2019 the total volume of imports of vending machines to the republic amounted to 200 pcs. for a total amount of 151.1 thousand USD.



Local partners

If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$3.3 M

Estimated project cost

5 years Payback period of the project

45

Number of new jobs created

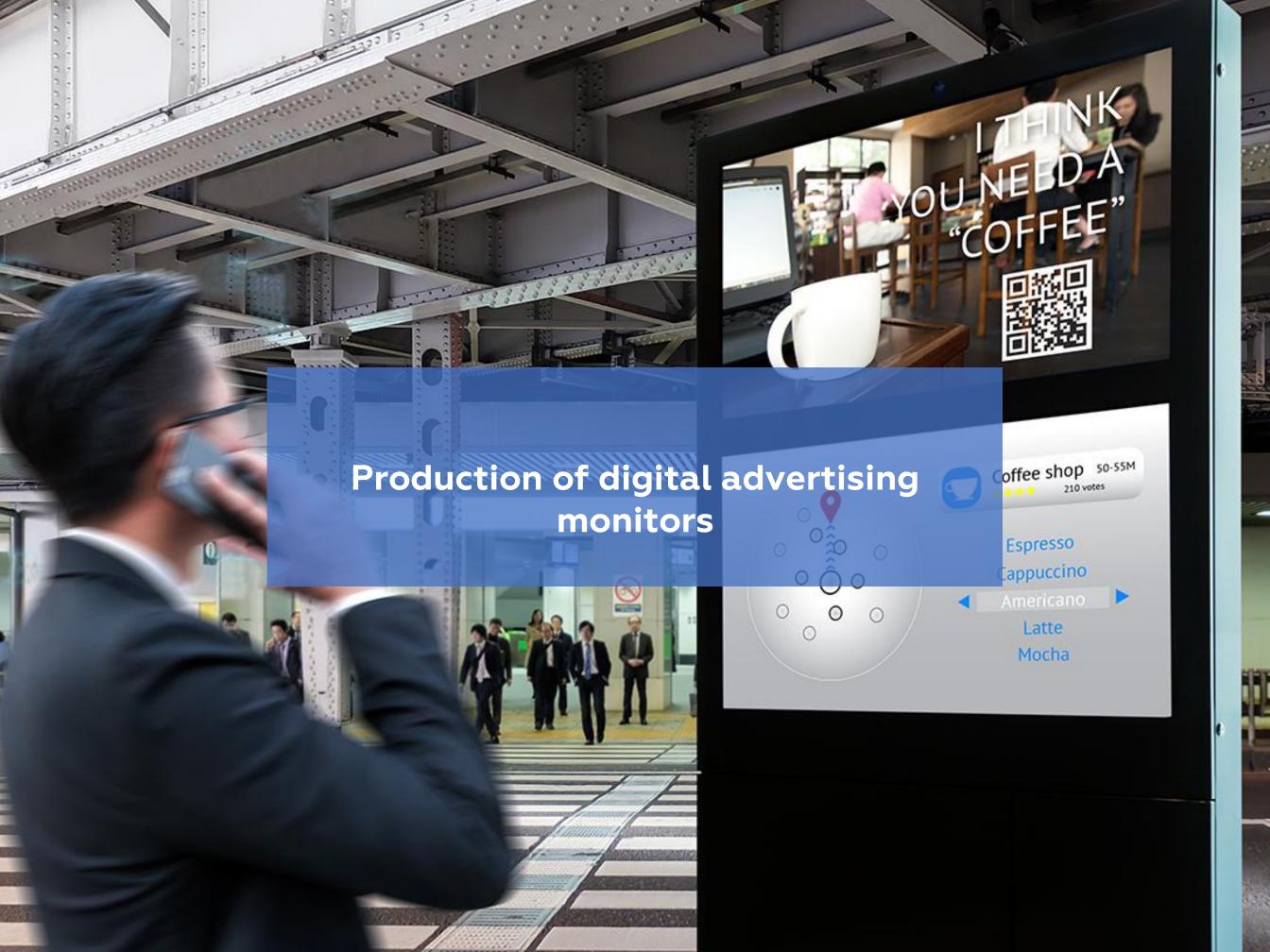


Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (units)	amount (in M USD)						
Vending machines	200.0	1.0	350.0	1.75	500.0	2.5	700.0	3.5



Sales market





Production of digital advertising monitors



Relevance of the project

The global digital signage kiosk market is expected to witness significant growth in the near future. The market is seeing an increase in demand for self-service monitors and non-interactive signage displays. Growing consumer demand for fast service delivery in fast food chains and without the need for employee interaction is expected to drive the growth of the digital monitors market.



Advantages of project implementation

The interactive monitors market is expected to grow from 26.2 billion USD in 2020 to 32.8 billion USD by 2025, at a CAGR of 4.6%. Factors such as improved customer shopping experience, lower investment costs compared to traditional retail outlets, improved non-traditional applications, and innovations in touch displays and glass technologies are driving demand for interactive monitors.



Import analysis

The analysis of the market of the Republic of Uzbekistan shows that in 2018 the total volume of imports of digital advertising monitors to the republic amounted to 8,844 units for a total amount of **3.1 million USD**, 15 798 units were imported in 2019 digital advertising monitors totaling **6.4 million USD**.



Local partners

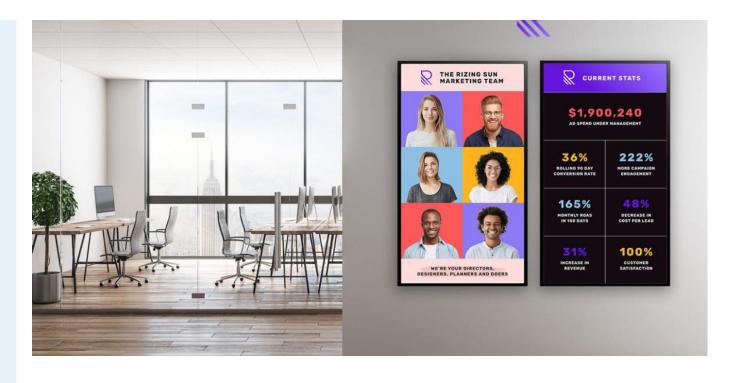
If necessary, assistance will be provided in the search and identification of local partners with production experience that are part of the Uzeltexsanoat Association.



Location of the project



Republic of Uzbekistan, including in Free Economic Zones





Key investment indicators

\$2.8 M

Estimated project cost

5 years

Payback period of the project

45

Number of new jobs created



Production volume and revenue

	1 year		2 year		3 year		4 year	
Product name	quantity (thousand sq. m.)	amount (in M USD)						
Digital advertising monitors	3.0	1.5	5.0	2.5	8.0	4.0	10.0	5.0



Sales market