

CATALOGUE OF INVESTMENT PROJECTS OF SAKHA REPUBLIC (YAKUTIA)



InvestYakutia

AGENCY FOR INVESTMENT PROMOTION AND
EXPORT SUPPORT OF SAKHA REPUBLIC (YAKUTIA)



Dear Friends!

Yakutia has unique investment opportunities. This is due to the presence of the richest reserves of natural resources, social and demographic stability, high level of human capital and strong economic positions among regions of Russian Far East. Yakutia is actively developing social and economic relations within the Russian regions as well as internationally.

Stimulation of investment activity and formation of comfortable investment climate are key priorities of the economic policy of Sakha Republic. Required investment infrastructure has been created in Yakutia and ready to provide comfortable conditions for doing business.

We are open for productive cooperation and sincerely glad to see you among our business partners!

Best regards,

Head of Sakha Republic (Yakutia)

Aisen NIKOLAEV

Dear Ladies and Gentlemen!



Our professional team will provide you a full range of services from plan development to project implementation based on One-stop-shop principle.

The catalogue will introduce you to first priority investment projects of Sakha Republic (Yakutia).

Looking forward to assisting you with discovering your investment opportunities in Yakutia!

Yours faithfully,

Director General
Agency for Investment Promotion
and Export Support of Sakha Republic (Yakutia)
Aleksander KONDRASHIN



InvestYakutia

AGENCY FOR INVESTMENT PROMOTION AND
EXPORT SUPPORT OF SAKHA REPUBLIC (YAKUTIA)

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INVESTMENT PROJECTS OF SAKHA REPUBLIC (YAKUTIA)



Priority projects



Transport



Mining and diamond-cutting industry



Agriculture



Mammoth fauna



Energy industry, housing services



Tourism



Oil & gas



Timber industry



Clothing and footwear industry

STATE SUPPORT MEASURES

Residency in
the Territories of
advanced social
and economic
development
(ASEZ)

Tax preferences:

- Profit tax – 0% for 5 years
- Property tax – 0% for 5 years
- Land tax - 0% for 5 years
- Reduced contributions to extra-budgetary funds of the Russian Federation for 10 years

Provision of land plots

Preferential infrastructure access

Simplified visa access for foreign citizens

Work permits for foreign labor without quotas

Issuance of building permits within 40 days

Free customs zone regime

Unscheduled inspections only after approval of the Ministry for the Development of the Russian Far East

Regional
investment
project status

Tax preferences:

Profit tax - 0% to the federal budget, no more than 10% to the regional budget for the first 5 years and no less than 10% for the next 5 years
Reduced rate on mineral extraction tax

Electronic visa for
visiting the Far East

Available for citizens of 18 countries

Quick receipt: average time - 20 minutes online
Issued for free

Valid for 30 days, allows to stay in the region for 8 days

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FIRST PRIORITY PROJECTS



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CONSTRUCTION OF A BRIDGE ACROSS THE LENA RIVER NEAR YAKUTSK

Initiator: Federal Road Agency of the Ministry of Transport of the Russian Federation (Rosavtodor), Government of Sakha Republic (Yakutia)

 Total cost	USD 1284.2M
 Investments required	USD 1284.2M
 Payback period	10 years
 NPV	-
 IRR	-
 Discount rate	-

Project resume

The construction of a bridge across the Lena River will connect the largest regional transport infrastructure facilities: the railroad Berkakit-Tommot-Nizhny Bestyakh; 3 Federal highways Lena, Kolyma and Viluy; 5 regional highways; Yakutsk Airport and Yakutsk River Port

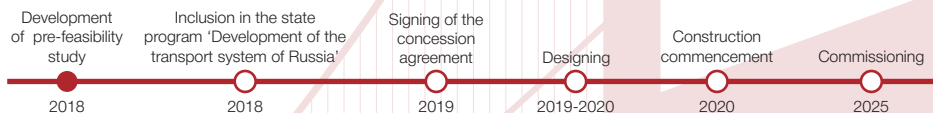
Project's significance

Integration of 83% of the population of the Central, Eastern and Western regions of the Sakha Republic (Yakutia) into a year-round transportation system
Creation of new transport international intermodal transport corridors Europe - Northern Sea Route - Tiksi - Yakutsk - Blagoveshchensk - China - Asia-Pacific

Project parameters

The total length is 21.181 km, including highway bridge - 3.181 km, road approaches to the bridge - 18 km. The number of traffic lanes – 2. The basic allowed speed - 120 km/h. The class navigable – Class 1. The volume of cargo traffic in both directions is 5.3 million tons per year by 2030. Land plots for the placement of access roads and bridge are allocated

Project stages



Investor's involvement level





Implementation of the project on the terms of public-private partnership:

- Concession agreement
- Debt financing
- State credit

Concessionaire is to design, construct, commission and operate the bridge

CONSTRUCTION OF INAGLINSKIY MINING AND PROCESSING COMPLEX FOR COAL AND COAL PRODUCTION CONCENTRATE

Initiator: CC Kolmar LLC

	Total cost	USD 1027.9M
	Investments required	USD 544.3M
	Payback period	6 years
	NPV	USD 391.8M
	IRR	20.8%
	Discount rate	13.7%

Project resume

The project is focused on meeting the growing demand for high-quality coking coals and high-quality coal concentrates in Russia and Asia Pacific. A loan agreement with the Development Fund with a limit of USD 65M was signed. Subsidies for the construction of local infrastructure were received. The resident status of ASEZ South Yakutia was received

Project's significance

The project will realize the export potential of the Far East, as well as provide a significant socio-economic effect in the form of an increase in regional GRP and tax revenues

Project parameters

The coal production from 2023 - 15.5 million tons

The volume of commercial production since 2023 - 12.2 million tons

Project stages

Development of design estimates, Phase 1 construction

2018-2020

Phase 2 construction

2020-2021

Full capacity



2022

Investor's involvement level

Provision of loan funds for 1-2 stages of project implementation

CONSTRUCTION OF EASTERN DENISOVSKIY MINING AND PROCESSING COMPLEX FOR THE PRODUCTION OF COAL CONCENTRATE

Initiator: CC Kolmar LLC

 Total cost	USD 278.7M
 Investments required	USD 196.7M
 Payback period	2 years
 NPV	USD 706.6M
 IRR	41.6%
 Discount rate	13.7%

Project resume

The project is focused on meeting the growing demand for coking coals and high-quality coal concentrates in Russia and Asia Pacific. Eastern Denisovskiy mine is a resident of the ASEZ South Yakutia and uses the relevant tax benefits until 2027, including zero income tax rate in 2017-2022 and reduced social security contribution rate

Project's significance

The project will realize the export potential of the Far East, as well as provide a significant socio-economic effect in the form of an increase in regional GRP and increase in tax revenues

Project parameters

The method of reserves long columns («lava») will be applied at Eastern Denisovskiy mine. The cost of production with use of the treatment mechanized complex is two times lower than in the chamber-column processing. This technology will significantly reduce the cost of production of raw coal and significantly reduce its losses. The volume of coal production from 2020 - 7 million tons per year

Project stages






Investor's involvement level

Provision of credit funds

CREATION OF A DATA PROCESSING CENTER ON THE PERMAFROST IN YAKUTSK

Initiator: Yakutsk City Administration

	Total cost	USD 8.4M
	Investments required	USD 8.4M
	Payback period	5.6 years
	NPV	USD 2.3M
	IRR	17.6%
	Discount rate	9.25%

Project resume

Creation of a commercial Data processing center for 256 universal data warehouses of the Data Lake type, aimed at providing high-performance and fault-tolerant information infrastructure for the needs of corporate and private clients in Yakutsk using freecooling technology - energy-saving technologies through natural cooling by using cold permafrost and outdoor air (in wintertime up to -50 C)

Project's significance

Cost savings on energy consumption will be at least 20%
Project will elevate the status of Sakha Republic (Yakutia) in the field of innovative development satisfying the growing demand for data center services in IT market

Project parameters

Services include providing space for equipment colocation, telecommunications and IT infrastructure colocation, renting disk space on the data center equipment, outsourcing information systems, hosting services and software administration, etc.
Land plot with a total area of more than 12 thousand m2 is available. The total area of the data center building – 5 142.9 m2

Project stages

Development of a business plan, design and estimate documentation development, investor search

Construction of the facility, purchase of equipment

Commissioning

Q4 2018

Q4 2019






Q2 2021

Investor's involvement level

Provision of credit funds

CONSTRUCTION OF 4-STAR HOTEL COMPLEX WITH 150 ROOMS IN YAKUTSK

Initiator: Ministry of Enterprise, Trade and Tourism of Sakha Republic (Yakutia), Yakutsk City Administration

 Total cost	USD 22.7M
 Investments required	USD 22.7M
 Payback period	7.7 years
 NPV	USD 3.1M
 IRR	13.1%
 Discount rate	10.3%

Project resume

Construction of 4-star hotel complex with 150 rooms in Yakutsk with office space, meeting rooms, press centre, restaurant, cafe, enterprises in the service sector

Project's significance

Development of HoReCa sector in Sakha Republic (Yakutia) by expanding and updating the number of hotel complexes in the city of Yakutsk

Meeting the needs for comfortable rooms and quality services of the growing tourist traffic to international and national events held in Yakutsk

Project parameters

Hotel complex – 8 floors monolithic frame building with a total area of 7,841 m².

Land plot with infrastructure is available: 7,274 m², located 2 km from city centre

Number of rooms: 150 rooms of category Standard, Junior Suite, Suite

Project stages



Investor's involvement level

Strategic investor







TRANSPORT



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CONSTRUCTION OF HIGH TECHNOLOGY ZHATAY SHIPYARD

Initiator: Ministry of Industry and Trade of the Russian Federation, Government of Sakha Republic (Yakutia), Lena United River Shipping Company JSC, Yakutia Development Corporation JSC, Zhatay Shipyard JSC

 Total cost	USD 94.3M
 Investments required	USD 14.7M
 Payback period	25.4 years
 NPV	USD 58.1 M
 IRR	6.8%
 Discount rate	6%

Project resume

High technology Zhatay Shipyard with a production capacity of up to 10 river vessels per year is created on the basis of reconstruction and modernization of Zhatay Ship Repair and Shipbuilding Plant. It is a backbone project of the North Yakutia support

Project's significance

Uninterrupted provision of cargo transportation by inland waterway transport in the Lena basin and the Arctic Zone of the Russian Federation (including deliveries of goods to the Northern territories)

Project parameters

Location – Zhatay city, Central Yakutia

Projected annual production indicators:

- Production capacity up to 10 river vessels
- Modernization up to 6 vessels
- Scrapping of at least 2 decommissioned ships

Project stages









Investor's involvement level

Provision of credit funds

Project financing through participation in the authorized capital

AIRCRAFT FLEET RENEWAL

Initiator: Government of Sakha Republic (Yakutia), Yakutia Airlines JSC

	Total cost	USD 600M
	Investments required	USD 60M
	Payback period	8 years
	NPV	USD 27.1M
	IRR	7%
	Discount rate	3%

Project resume

Project provides acquisition of 10 models of Boeing 737 MAX-7 aircraft in order to upgrade the fleet of Yakutia Airlines.

Yakutia Airlines has a network of more than 100 passenger transport routes, covers 6 Federal districts of Russia and 7 countries of near and far abroad. Yakutia Airlines is one of 20 largest airlines in Russia in terms of traffic volumes and is the main national air carrier of the Sakha Republic (Yakutia)

Project's significance

Project implementation will ensure development of air route network and transport accessibility in the Far East, sustainable growth of passenger and freight traffic of Yakutia Airlines via fleet renewal and maintenance of necessary level of airworthiness

Project parameters

The cost of 1 aircraft - USD 60M

Required deposits for aircraft is 10% off the list cost or USD 6M

Planned delivery of aircraft - 2020

Project stages









Investor's involvement level

Financing the acquisition of aircraft on an operating lease

CREATION OF PROVING GROUND FOR AUTOMOBILE TIRES WITH UNIQUE CHARACTERISTICS

Initiator: NEFU Proving Ground LLC, North-Eastern Federal University named after M.K. Ammosov, Yakutsk City Administration

 Total cost	USD 18M
 Investments required	USD 16.8M
 Payback period	13 years
 NPV	USD 10.9M
 IRR	17.2%
 Discount rate	9.3%

Project resume

Construction of testing center for climatic tests of tires, machinery, equipment and materials in Yakutsk. The advantages of the new test site are the Arctic climate and the presence of permafrost

Project's significance

The project will allow customers-producers to gain access to the facility, which has unique characteristics, such as: wide temperature range, the quality of natural snow, the presence of permafrost

Project parameters

- Since 2012, seasonal tests of automobile tires by the corporation Bridgestone are carried out on the basis of the existing autodrome
- A Memorandum of Intent and Further Development of Cooperation with Bridgestone corporation was signed
- Status of a resident of ASEZ Industrial park Kangalassy was received

Project stages



Investor's involvement level

Project financing






MINING AND DIAMOND-CUTTING INDUSTRY



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CREATION OF JEWELRY AND DIAMOND CUTTING CLUSTER IN ASEZ INDUSTRIAL PARK KANGALASSY

Initiator: SAYBM LLC

	Total cost	USD 11.7M
	Investments required	USD 8.2M
	Payback period	8 years
	NPV	USD 2.6M
	IRR	42%
	Discount rate	25%

Project resume

Project aims to create integrated infrastructure for enterprises in jewelry and diamond-cutting industry and ensure favourable conditions for small and medium-sized business
Target market: the USA, Israel, Japan, Singapore, Hong Kong, Macao, Russia

Project's significance

Creation of jewelry and diamond-cutting cluster in Sakha Republic (Yakutia) will allow to consolidate natural resources and human resources and lead to a new prominent development stage of jewelry and diamond cutting industry in the region
The project is included in the state program 'Social and economic development of the Far East and the Baikal region'

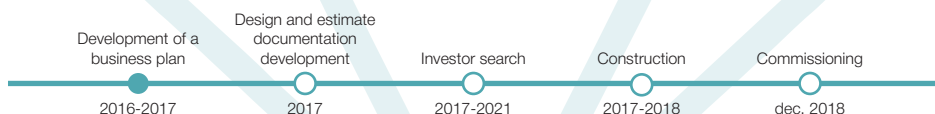
Project parameters

The production capacity is 313 kg of jewelry worth USD 30M and 26 thousand carats of diamonds worth USD 33.5M by 2021

Land plot of 3.3 hectares is available in ASEZ Industrial Park Kangalassy

First phase includes construction of building of 1450 m², equipment procurement, site improvement, construction of parking lots and access roads. Second stage entails construction of a building (total area > 4000 m²), trade and exhibition center

Project stages




Investor's involvement level

Attraction of a strategic investor

Project financing in the authorized capital with / without the right of participation

DEVELOPMENT OF ALLUVIAL TIN DEPOSIT RUCHEY TIREKHTYAKH IN SAKHA REPUBLIC (YAKUTIA)

Initiator: Yanolovo JSC

	Total cost	USD 129.5M
	Investments required	USD 129.5M
	Payback period	12 years
	NPV	USD 9.1M
	IRR	11.3%
	Discount rate	10%

Project resume

Development of alluvial tin deposit Ruchey Tirekhtyakh in Sakha Republic (Yakutia): organization of placer tin mining and production of tin concentrate in volumes up to 3200 tons per year
Target market: Russia and Asia-Pacific countries

Project's significance

World market conditions favor the development of the tin mining industry on the territory of the Russian Federation. The project at the initial stage will focus on import substitution of tin in the territory of the Russian Federation with the prospect of organizing export deliveries to the Asia-Pacific countries

Project parameters

Project initiator is the owner of the license for the deposit No. 04241 valid until 1 May 2040.
The balance reserves of category B + C1 - 65867 tons of tin, C2 category – 2333 tons of tin
Initial production of tin concentrate - 500 tons per year
Increase of production capacity up to 2000 tons of tin concentrate per year
Output at the designed capacity of 3200 tons of tin concentrate per year

Project stages




Investor's involvement level

Attraction of a strategic investor

DEVELOPMENT OF NEZHDANINSKOYE GOLD DEPOSIT

Initiator: Polymetal Company Group – YuVGK JSC

 Total cost	USD 275M
 Investments required	USD 260M
 Payback period	10 years
 NPV	USD 39M
 IRR	13.1%
 Discount rate	10%

Project resume

Construction of the Nezhdaninskiy mining and processing plant in the Tomponskiy district of Sakha Republic (Yakutia) and development of the Nezhdaninskoye gold deposit

Project's significance

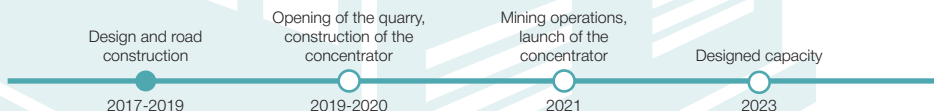
Project implementation will lead to positive social and economic outcome for the Tomponskiy district: creation of 350 new jobs, increase in employment in trade, transport, fuel and energy and social sectors of economy, increase in tax revenues, expansion of production from related industrial enterprises and restoration of the infrastructure of remote areas

Project parameters

The license area is 48.3 km²

The volume of production after reaching the designed capacity (per year) is 4.5 tons of gold and 51.6 tons of silver or 1.9 thousand tons of gravity concentrate, 2.5 thousand tons of silver-containing flotation concentrate and 75 thousand tons of gold sulfide flotation concentrate

Project stages



Investor's involvement level

Provision of credit funds

AGRICULTURE









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CONSTRUCTION OF YEAR-ROUND GREENHOUSE COMPLEX IN SYRDAKH, YAKUTSK DISTRICT

Initiator: Yakutsk City Administration

 Total cost	USD 26.3M
 Investments required	USD 12M
 Payback period	6 years
 NPV	USD 4.6M
 IRR	14.5%
 Discount rate	8%

Project resume

Creation of year-round greenhouse complex for growing vegetables and greenery, with a heat and power plant, office, warehouse and auxiliary buildings in conditions of the Far North and permafrost

The project is implemented in the ASEZ Industrial park Kangalassy

Project's significance

Year-round provision of quality and affordable fresh vegetables and greenery

The project corresponds to the Strategy of development of the agro-industrial complex of Russia for the period up to 2020 and is included in the state program of the Russian Federation 'Social and economic development of the Far East and the Baikal region'

Project parameters

The area of the greenhouse complex - 3.3 hectares

The design capacity by 2022:

- 1 825 tons of cucumbers, target market coverage - 62.7%
- 417 tons of tomatoes, target market coverage - 14.3%
- 46 tons of greenery, target market coverage - 13.2%

Project stages









Investor's involvement level

Debt financing

CREATION OF WHOLESALE DISTRIBUTION CENTER FOR AGRICULTURAL, COMMERCIAL AND FOOD PRODUCTS

Initiator: Tuimaada-Agrosnab JSC

	Total cost	USD 44.8M
	Investments required	USD 37.8M
	Payback period	3.3 years
	NPV	USD 46M
	IRR	29.2%
	Discount rate	10.7%

Project resume

Development of the system of procurement, transport, trade and production activities, ensuring the supply, storage and marketing of agricultural and other food products in the regions of Sakha Republic (Yakutia). The return purchase of local production of commercial products with its subsequent processing in Yakutsk and wholesale trade in the domestic foreign markets

Project's significance

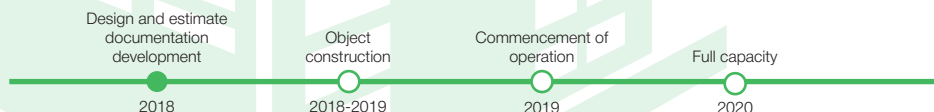
The creation of a single wholesale and distribution center will allow to establish redistribution of agricultural and commercial products in Sakha Republic (Yakutia), enter new sales regions. The project will allow to develop the transport infrastructure of goods supply in the Northern and Arctic regions and to expand the geographical coverage of the Arctic zone

Project parameters

The project will be implemented on the basis of Tuimaada-Agrosnab JSC, which owns:

- multi-temperature warehouse
- warm and cold warehouses, freezing warehouse for 2000 tons
- the vegetable store for 5000 tons
- 2 refrigerated ships and 70 units of heavy equipment

Project stages



Investor's involvement level

Participation in the authorized capital with the right of management
Provision of credit funds

TOURISM



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NORTHERN MOSAIC TOURISM & RECREATION CLUSTER

Initiator: Ministry of Enterprise, Trade and Tourism of Sakha Republic (Yakutia)

 Total cost	USD 19.7M
 Investments required	USD 4.2M
 Payback period	6 years
 NPV	USD 2.2M
 IRR	12.3%
 Discount rate	-

Project resume

Creation of tourist infrastructure in the Northern Mosaic tourism & recreation cluster. The project involves 15 investors for the implementation of tourist infrastructure. Northern Mosaic tourism & recreation cluster is located in a picturesque place on the bank of the Lena River, 33 km from Yakutsk in one of the most geographically advantageous places for developing tourism

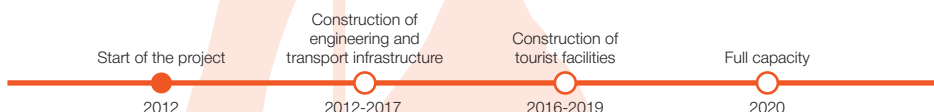
Project's significance

Northern Mosaic tourism & recreation cluster is included in the Federal target program 'Development of domestic and inbound tourism of the Russian Federation'. The project contributes to the competitiveness of the tourism market of the republic and the creation of conditions for the accelerated development of tourism in the region, by expanding the range and improving the quality of services

Project parameters

Land plot - 22 hectares on the banks of the Lena river, 33 km from the city of Yakutsk. Available infrastructure: road, electricity and gas supply networks. The total area of objects of capital construction – 12.3 thousand m². It is possible to transfer the land to investor ownership after 3 years. The project will increase the tourist flow to the republic from 150 thousand to 255 thousand tourists a year

Project stages






Investor's involvement level

Implementation of projects for the creation of tourist infrastructure
Project financing

CONSTRUCTION OF HOTEL COMPLEX FOR 140 ROOMS UNDER THE MANAGEMENT OF THE INTERNATIONAL BRAND IN YAKUTSK

Initiator: AEB Capital LLC

	Total cost	USD 16.6M
	Investments required	USD 12.6M
	Payback period	9.6 years
	NPV	USD 0.8M
	IRR	13.1%
	Discount rate	12.2%

Project resume

Project involves the creation of the first in the city and in the region of high-quality hotel facilities of the appropriate category 3+* to 4*, under the management of the international brand

Project's significance

The project will pave the way for the transformation of architectural and urban solutions of the city of Yakutsk, increase the investment and tourist attractiveness of the region, will contribute to the introduction of new innovative solutions in construction

Project parameters

Total square footage – 1 538 m2. Total area of project – 7,770 m2, including:

- Hotel – 7,370 m2
- Commercial area - 400 m2
- Number of floors – 8 pcs
- Number of rooms – 140 pcs

Project stages




Investor's involvement level

Provision of credit funds

ORTO DOYDU TOURISM & RECREATION CLUSTER

Initiator: Ministry of Enterprise, Trade and Tourism of Sakha Republic (Yakutia), Administration of Khangalasskiy district

 Total cost	USD 21.9M
 Investments required	USD 15.1M
 Payback period	5 years
 NPV	USD 3.3M
 IRR	24%
 Discount rate	18%

Project resume

The concept of Orto Doydu is based on the epos Olonkho – a masterpiece of oral and intangible heritage of mankind by UNESCO. The project involves the creation and development of Orto Doydu tourism & recreation cluster. The main stages of the project:

- Further development of existing tourist facilities
- Creation of supporting infrastructure
- Creation of tourist facilities complex

Project's significance

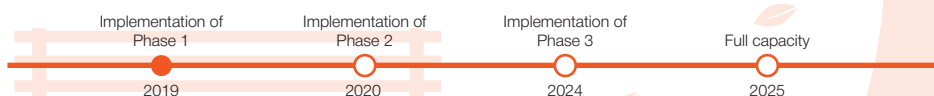
Implementation of the project contributes to improving the competitiveness of the tourist market of Sakha Republic (Yakutia) and the creation of conditions for accelerated development of tourism in the region by enhancing the range and improving the quality of services provided to domestic and foreign tourists

Project parameters

The necessary infrastructure is partially available (a zoo, cultural and ethnographic, sports and entertainment complexes). The total area of capital construction - 13 406 m². Land area - 57 hectares. It is possible to transfer the land plot to the investor.

Implementation of the project is expected to increase the tourist flow to the Sakha Republic (Yakutia) from 150 thousand to 255 thousand tourists a year

Project stages



Investor's involvement level

Project financing

Financing initiators of tourism-related projects in the cluster





MAMMOTH TUSKS



InvestYakutia

CREATION OF ELECTRONIC TRADE SECTION OF FOSSIL MAMMOTH TUSK, SEMI-FINISHED PRODUCTS AND HAND-MADE ARTICLES FROM YAKUTSK

Initiator: Mammoth Export Center of Sakha Republic (Yakutia) LLC

	Total cost	USD 0.4M
	Investments required	USD 0.2M
	Payback period	14 months
	NPV	USD 0.3M
	IRR	146.8%
	Discount rate	20%

Project resume

Organization of effective export trade procedures (fossil mammoth tusk, semi-finished products and hand-made articles) on the basis of electronic trading and the provision of 'one-stop-shop' services. According to expert estimates, more than 80% of the resources of mammoth tusks in Russia are concentrated in Sakha Republic (Yakutia). The production potential of mammoth tusk is estimated at 500 thousand tons

Project's significance

Legalization of the market and publicity of trade, creation of conditions for the provision of services for registration of export procedures on the principle of «one-stop-shop», the formation of a platform for discussion with market participants of initiatives to reduce administrative procedures and barriers to international trade

Project parameters

The annual plan of trade turnover at full capacity by 2021 – 3.3 billion rubles

Domestic market: 55 tons of grade 3 and 4 fossil mammoth tusk

Export market:

- 25 tons of fossil mammoth 1 and 2 grade tusk
- 14 tons of semi-finished products
- 6 tons of finished products

Project stages



Investor's involvement level

Attraction of strategic partner

ENERGY, HOUSING SERVICES



InvestYakutia



CONSTRUCTION OF WASTE RECYCLING COMPLEX IN YAKUTSK

Initiator: Yakutsk City Administration, Yakutsk Ecoseti LLC

	Total cost	USD 18.8M
	Investments required	USD 18.8M
	Payback period	8 years
	NPV	USD 1.9M
	IRR	8.9%
	Discount rate	-

Project resume

Construction of a complex for accumulation, transportation, processing and disposal of production and consumption waste in Yakutsk district with a capacity of up to 515 tons of solid waste per day

Project's significance

The complex will be the first project in Yakutia, allowing to organize continuous work on the treatment and disposal of waste to improve environmental safety in order to protect human health and maintain a favorable environment

The number of jobs created by 2025 - 75

Project parameters

Land plots provided with engineering infrastructure for administrative and production facilities with an area of 117.3 thousand m² and a landfill with an area of 474.5 thousand m² are reserved

Project stages



Investor's involvement level

Provision of credit funds

COMPLEX ENERGY-SAVING MEASURES IN TIKSI-3, SAKHA REPUBLIC (YAKUTIA)

Initiator: Center of Energy Saving and New Technologies of Sakha Republic (Yakutia) JSC

 Total cost	USD 7.2M
 Investments required	USD 2.7M
 Payback period	3.4 years
 NPV	USD 1.1M
 IRR	26.8%
 Discount rate	7.3%

Project resume

Capital investments in integrated implementation of energy-efficient technologies and materials in Tiksi-3 settlement in Bulun district of Sakha Republic (Yakutia). Activities will be carried out throughout the 'generation-network-consumer' chain and cover heat supply systems, hot and cold water supply, housing stock of the village and facilities of other consumers

Project's significance

The project is aimed at energy saving and improving energy efficiency in the Arctic of Russia and complies with the strategic documents:

- Energy strategy of Russia for the period up to 2030
- State program of the Russian Federation 'Energy saving and energy efficiency improvement for the period up to 2020'
- Strategy of development of the Arctic zone of the Russian Federation and ensuring National security for the period up to 2020

Project parameters

Expected results:

- reducing the consumption of boiler fuel in the boiler room from 2750 tons to 1784 tons, saving USD 1.5M for 5 years
- reduction of tariffs for the population by 11.1%
- updating and increasing the value of state property by USD 4M

Project stages



Investor's involvement level

Provision of credit funds

CONSTRUCTION OF WATER-INTAKE FACILITY NO. 5 IN YAKUTSK

Initiator: Vodokanal JSC

	Total cost	USD 12.4M
	Investments required	USD 11.6M
	Payback period	-
	NPV	-
	IRR	-
	Discount rate	-

Project resume

Construction of this object is necessary in connection with development plan of the southern part of Yakutsk (Zalozhniy district and Avtodorozhniy district). Without commissioning of water-intake facility No. 5 into operation, connection to the water supply networks of newly constructed and reconstructed facilities is not possible

Project's significance

Construction of the facility will increase the volume of water supplied and the pressure in the water supply networks of Zalozhniy district and Avtodorozhniy district of Yakutsk. Expansion of subscriber network with connection to water supply networks of newly constructed and reconstructed facilities

Project parameters

Disbursed own funds in the amount of 49.1 million rubles (including documentation development 47.1 million rubles, state examination 2 million rubles. There is a positive conclusion of the state examination for the technical part, it is planned to obtain a positive state examination for the estimated part in December 2018

Project stages



Investor's involvement level

Providing an investment loan for a period of 10 years
Return of principal and interest from the state budget of Sakha Republic (Yakutia)

CONSTRUCTION OF SEWAGE COLLECTOR NO. 3 IN YAKUTSK (I AND II STAGES)

Initiator: Vodokanal JSC

	Total cost	USD 31.5 M
	Investments required	USD 31.4M
	Payback period	-
	NPV	-
	IRR	-
	Discount rate	-

Project resume

Sewer collector No. 3 (Stage I and II) is designed to drain sewage from the non-segregated Zalozhniy part of the city, taking into account DSK district and military unit to the city sewage system, as well as receiving additional volumes of sewage from newly construction projects

Project's significance

Increasing the availability and reliability of water disposal for the development of Yakutsk city
Expansion of the subscriber network with connection to the sewerage networks of newly constructed and reconstructed facilities

Project parameters

Disbursed own funds in the amount of 9.5 million rubles (including documentation development 8.5 million rubles, state examination 1 million rubles. Positive conclusion of the state examination for the technical part and estimate parts were obtained in 2017, 2018

Project stages



Investor's involvement level

Providing an investment loan for a period of 10 years
Return of principal and interest from the state budget of Sakha Republic (Yakutia)





OIL & GAS



InvestYakutia

INDUSTRIAL COMPLEX FOR HYDROCARBON PROCESSING IN ALDAN, SAKHA REPUBLIC (YAKUTIA)

Initiator: Tuimaada-Neft Oil Company JSC

 Total cost	USD 1.6B
 Investments required	USD 1.6B
 Payback period	8 years
 NPV	USD 429.5M
 IRR	15.3%
 Discount rate	-

Project resume

Construction of oil refinery in Aldan with the capacity of processing crude oil up to 2 million tons per year with a processing depth of up to 95% and with the output of light oil products to 83%, in order to meet the needs of enterprises and the population of the republic in full

Project's significance

The construction of an oil refinery will reduce the cost of fuel and transport costs for the delivery of petroleum products to the central and northern regions of Sakha Republic (Yakutia) and create new high quality jobs

Project parameters

Production of refineries: gasoline of class 5 – 540K tons, diesel fuel of class 5 – 915K tons, as well as jet fuel Jet-A (TC-1), bitumen, boiler and marine fuel, liquefied gases C3-C4, fuel gas, sulfur

Land plot for construction of the plant is available

Project stages



Investor's involvement level






At the 1st stage - project financing via capital fundings with the right of management

At the 2nd stage - financing of activities for the development of project documentation

At the 3d stage - project financing

DEVELOPMENT OF THE OTRADNINSKIY GAS CONDENSATE FIELD

Initiator: Sakhatransneftegas JSC

	Total cost	USD 549.2M
	Investments required	USD 182M
	Payback period	7 years
	NPV	USD 558M
	IRR	-
	Discount rate	10%



Project resume

Industrial development Otradninskiy gas condensate field

Increase in gas production

Organization of export supplies of natural gas to the main gas pipeline Power of Siberia



Project's significance

Continued gasification of Sakha Republic (Yakutia)

Creation of new jobs



Project parameters

The volume of supply up to 3.6 billion m³ of natural gas per year, the drilling of 19 wells, process plumes, the construction of gas pipeline, the gas treatment plant, a booster pump station



Project stages

Drilling of 3 exploration wells, seismic exploration

2019-2020

Drilling of 16 production wells, construction of facilities

2021-2022



Investor's involvement level




Project financing

Providing of loan funds

Possibility of acquiring an enterprise share

EXPLORATION AND DEVELOPMENT ULUGURSKIY AND ERGEDJEISKIY LICENSE BLOCKS

Initiator: Sakhatransneftegas JSC

	Total cost	USD 164M
	Investments required	USD 164M
	Payback period	-
	NPV	-
	IRR	-
	Discount rate	-



Project resume

Geological study of the Ulugurskiy and Ergedjeiskiy license blocks
 Estimated gas resources - 295.6 billion rubles
 Estimated oil resources - 22.3 million tons



Project's significance

Continued gasification of Sakha Republic (Yakutia)
 Creation of new jobs



Project parameters

Seismic prospecting works 2500 linear
 Prospecting drilling 4 wells
 Exploratory drilling 6 wells
 Approving reserves on the state balance



Project stages









Investor's involvement level

Project financing
 Providing of loan funds
 Possibility of acquiring an enterprise share

LNG PRODUCTION AND POWER GENERATION BASED ON NATURAL GAS RESOURCES OF THE LENA-ANABAR DOWNFOLD

Initiator: Olenekneftegas LLC

	Total cost	USD 78.4M
	Investments required	USD 78.4M
	Payback period	-
	NPV	-
	IRR	-
	Discount rate	-

Project resume

The project involves the production of electricity and liquefied gases to provide the population of the Anabarsky and Olenek municipal districts and industrial enterprises with cheaper fuel produced on the basis of natural gas resources on the southern edge of the Leno-Anabarsky downfold, with proven oil and gas resources

Project's significance

The significance of the project is due to the highly efficient replacement of expensive types of diesel fuel used by consumers to generate electricity and transport for much cheaper fuel from natural gas

Project parameters

The volume of production will be about 100 million m3 of gas per year, directed to the production of electricity and liquefied gases

Project stages







Investor's involvement level

Project financing via capital fundings with the right of management

EXPLORATION AND DEVELOPMENT OF OIL AND GAS LICENSE BLOCKS IN WEST YAKUTIA – EAST SIBERIA

Initiator: Tuymaadaneftgas JSC

	Total cost	from USD 230.2M
	Investments required	from USD 4.9M
	Payback period	from 3.5 years
	NPV	up to USD 373M
	IRR	up to 125%
	Discount rate	10%



Project resume

Development of license blocks for production drilling and oil and gas production
Project goal: Oil and gas production for further export
Target market: Asia-Pacific countries



Project's significance

Development of the oil and gas industry and the development of oil and gas fields, attracting local personnel of different specialties, stimulating active development of scientific and technical workers and increasing tax revenues at the local and regional levels



Project parameters

Production volume:
- up to 268 thousand tons of oil / year
- up to 0.6 billion m3 of gas / year



Project stages



Investor's involvement level

Project financing
Provision of long-term credit funds
Equity participation







TIMBER INDUSTRY



InvestYakutia

CREATION OF TIMBER INDUSTRY COMPLEX IN ALDAN DISTRICT, SAKHA REPUBLIC (YAKUTIA)

Initiator: Ministry of Industry and Geology of Sakha Republic (Yakutia)

	Total cost	USD 25.4M
	Investments required	USD 25.4M
	Payback period	8 years
	NPV	USD 4.7M
	IRR	24%
	Discount rate	17.5%

Project resume

Creation of a regional production complex for production of export-oriented saw-timbers for deep processing using high-tech equipment. The project is also included in the state program of the Russian Federation 'Socio-economic development of the Far East and the Baikal region'

Project's significance

Realization of the project in the Aldan district will allow to organize the production of lumber from larch, which has the highest physical and mechanical properties (resistance to decay, strength), in close proximity to forest resources, road and railways, which will reduce the cost of harvesting and processing wood
The project provides 100 jobs

Project parameters

The volume of annual timber harvesting is more than 40 thousand m3, including:

- 20.6 thousand m3 of sawmill production
- 2 thousand m3 of energy wood
- 17.4 thousand m3 of wood products (wood pellets, briquettes)
- The liquid volume of the estimated cutting area is 5.29 million m3 per year, the volume of commercial timber is 3.82 million m3 per year. Species composition: 72% larch, 18% pine

Project stages









Investor's involvement level

Project financing, provision of credit funds, leasing mechanisms

PRODUCTION OF FUEL PELLETS WITH CAPACITY OF 25 TONS/HOUR

Initiator: Yakutian Fuel Pellets JSC

	Total cost	USD 17.2M
	Investments required	USD 14.5M
	Payback period	2.5years
	NPV	USD 30.2M
	IRR	66%
	Discount rate	10%

Project resume

Creation of a plant for the production of fuel pellets with a capacity of 25 tons/hour in Tommot, Aldan district of Sakha Republic (Yakutia). For the production of pellets, it is planned to use illiquid and low-grade wood, which arose as a result of fires in the Sakha Republic (Yakutia), thereby creating conditions for forest restoration

Project's significance

Development of local production, contributing to the acceleration of economic development of Sakha Republic (Yakutia)
Creation of new jobs

Project parameters

ASEZ South Yakutia residency benefits net profitability 22%. Income on the project over the projection period (after return on investment): USD 19M

Project stages









Investor's involvement level

Project financing

OPTIMIZATION AND EXPANSION OF PRODUCTION CAPABILITIES LLC LPK ALMAS

Initiator: LLC LPK Almas

	Total cost	USD 2.1M
	Investments required	USD 2.1M
	Payback period	5 years
	NPV	-
	IRR	-
	Discount rate	-

Project resume

Objective: to improve the efficiency of activities aimed at increasing production volumes and maximizing waste disposal

Project's significance

Increase of profitability of production

Creation of new jobs

Production of new products (pellets) - biofuels, waste disposal, reducing the cost of lumber

Increase in income - increase in tax base

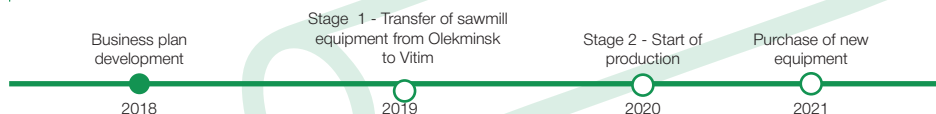
Project parameters

Increase in output of sawn timber and woodworking products - up to 1,075 million rub / year for the domestic market and export.

Increase in volumes of wooden housing construction, including individual and apartment buildings - up to 100 million rub / year for the domestic market.

Receipt of additional income due to waste disposal by processing into pellets - up to 180 million rubles / year for export. This will also reduce the cost of main products

Project stages



Investor's involvement level

Project financing; provision of loans; leasing provision; provision of commodity loan




CLOTHING AND FOOTWEAR INDUSTRY



InvestYakutia

MODERNIZATION OF LEATHER, FOOTWEAR AND FUR PRODUCTION OF FAC SAKHABULT JSC

Initiator: FAC Sakhabult JSC

 Total cost	USD 12M
 Investments required	USD 7.7M
 Payback period	11 years
 NPV	USD 1.3M
 IRR	19%
 Discount rate	15%

Project resume

The project entails acquisition and installation of new technological equipment, raw materials for new production, renovation of industrial premises and engineering infrastructure for the existing leather, footwear and fur production in order to improve its operating performance

Project's significance

Project implementation will lead to greening of leather production by introducing chromeless tanning methods, development of waste-free technological processes, expansion of leather types assortment (including automotive, furniture, decorative leathers) for production of leather goods and footwear, further integration and cooperation with consumer industries, development of Russian footwear production industry

Project parameters

Land plot and production facilities are available

The product range includes upper fur garment, leather and fur footwear, special-purpose clothes, leather goods and souvenirs, leather for haberdashery and clothing, deer suede

Project stages



Investor's involvement level

Project financing
Provision of credit funds
Attraction of strategic investor

Your personal managers

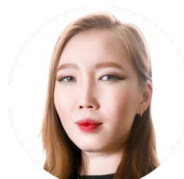
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