

ЕНИСЕЙСКАЯ
СИБИРЬ
YENISEY
SIBERIA

КРАСНОЯРСКИЙ КРАЙ ХАКАСИЯ ТЫВА
KRASNOYARSK REGION KHAKASSIA TYVA

INVESTMENT
POTENTIAL OF
THE YENISEY SIBERIA



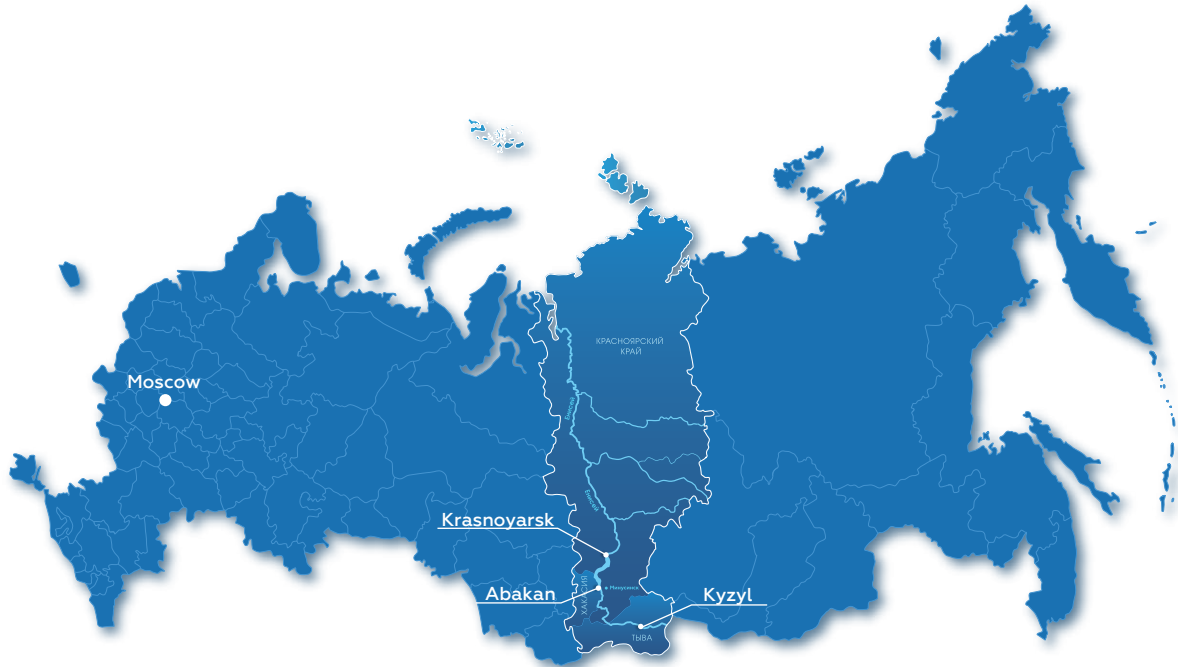
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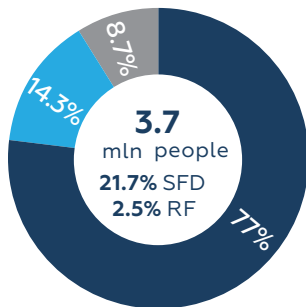
YENISEY SIBERIA

THE YENISEY SIBERIA is three territories that share a common culture, history and nature. They have economic and infrastructural coherency that provide opportunities for integrated development aimed at improving the living standards and well-being of the residents.

Aimed at the socio-economic development of three regions: the Krasnoyarsk Territory, the Republic of Khakassia, the Republic of Tyva, the project was initiated by governors of these three entities and received the support of the President and the Government of Russia.



population**



** Rosstat data as of January 1, 2019

LARGEST CITIES*

KRASNOYARSK
1 095.3
thous people

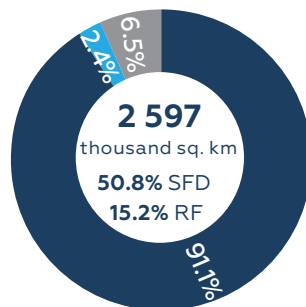
ABAKAN
186.8
thous people

KYZYL
117.9
thous people

NORILSK
181
thous people

ACHINSK
105.1
thous people

Area



■ Krasnoyarsk Territory!
■ Republic of Khakassia!
■ Republic of Tyva

DISTANCE FROM KRASNOYARSK TO MOSCOW



5 hours (3,352 km)



69 hours (4,182 km)



58 hours (4,130 km)

* cities with > 100 thousand people

** Rosstat data as of January 1, 2019

COMPETITIVE ADVANTAGES OF THE REGIONS OF THE YENISEY SIBERIA



NATURAL RESOURCES

unique deposits of minerals, forest and water resources



INVESTMENT DEMAND

opportunities for cooperation and integration into technological chains of the largest Russian financial and industrial groups



READY-MADE PLATFORMS

operating and future Territories of Advanced Social and Economic Development, Special economic zones and industrial parks with the necessary infrastructure



SURPLUS ENERGY

Renewable energy sources are Sayano-Shushenskaya and Krasnoyarsk HPPs, one of the largest in Russia and in the world



CONVENIENT LOGISTICS

transit location at the intersection of railways and highways, inland waterways and cross-polar air routes



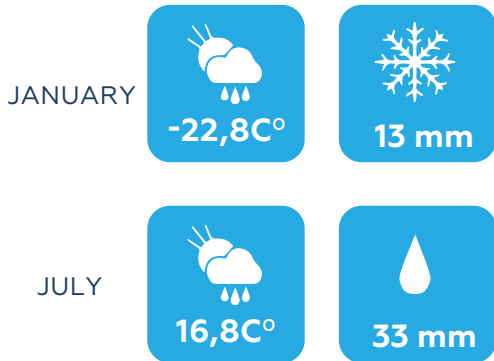
HUMAN RESOURCES

high-qualified engineering and research personnel

GEOGRAPHY AND CLIMATE

Average monthly air temperature

Precipitation

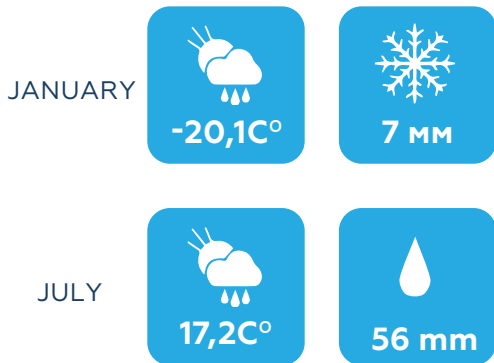
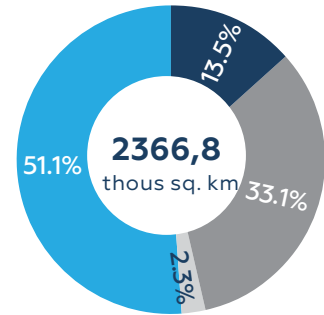


NATURAL ZONES

AVAILABLE LAND

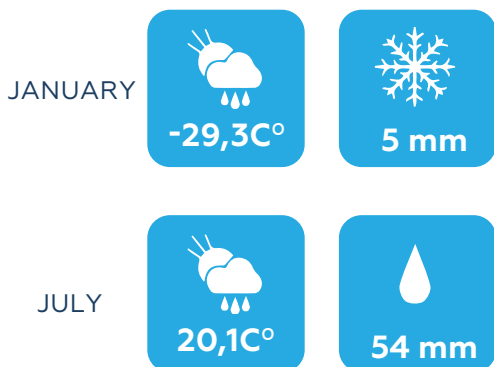
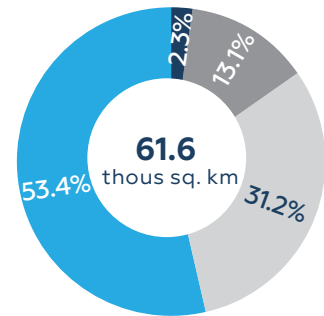
Krasnoyarsk Territory

arctic / tundra / taiga / forest-steppe



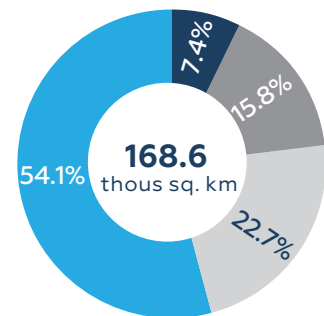
Khakassia

taiga / forest-steppe and steppe



Tyva

semi-desert / tundra / taiga / forest-steppe and steppe



■ farmland
■ forest land

■ surface waters including swamps!
■ other lands

NATURAL RESOURCE POTENTIAL

KRASNOYARSK TERRITORY



Oil, Gas

35 fields, of which **3** are **unique**: Vankor, Yurubcheno-Tokhomskiye and Kuyumba (77% of the region's explored reserves)



Coal

1110 sites and fields:
68.0 billion tons

Au, Ag

Gold, Silver

303 gold deposits:
2.4 thous tons
16 silver deposits
14.7 thous tons

Pt

Platinoids

16 fields:
14.7 thous tons

Cu

Copper

9 deposits:
34.3 mln tons

KHAKASSIA



Coal

Minusinsk coal basin, 4 deposits
5.45 bln tons



Iron ore

8 fields:
946 mln tons

Mo

Molybdenum

3 fields:
287.4 thous tons

BaSO₄

Baryte

Batenyovsky baryte region:
50 mln tons

TYVA

Au

Gold

Tardanskoye, Barsuchye, Kyzyl-Tashtygskiye and 12 placer mines
31 tons



Coal

commercial reserves:
4.068 bln tons

Cu

Copper

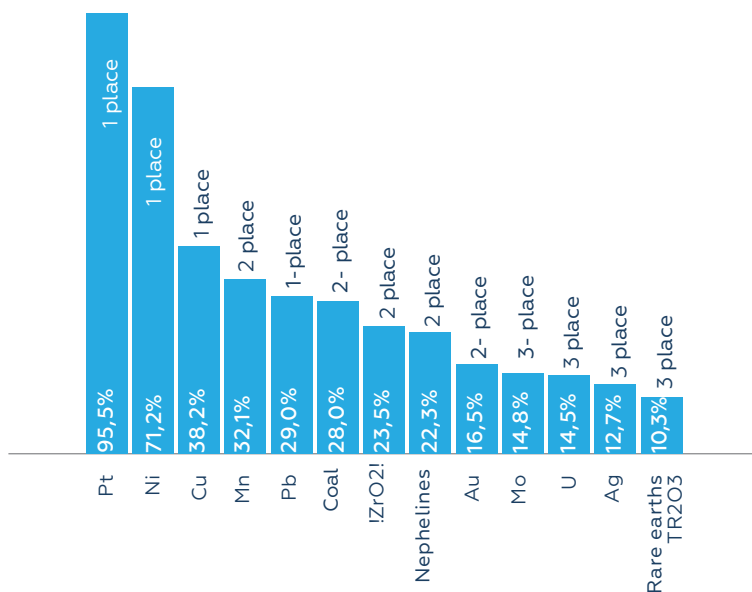
259.6 thousand tons



Asbestos

Aktovraskoye field, non-commercial reserves:
2.9 mln tons

ДОЛЯ В РАЗВЕДАННЫХ ЗАПАСАХ РОССИИ*



* place among the regions of Russia

TRANSPORT INFRASTRUCTURE



KEY TRANSPORT INFRASTRUCTURE:

- ✈ Trans-Siberian Railway (Mariinsk – Krasnoyarsk – Tayshet)
- ✈ South Siberian Railway (Mezhdurechensk – Abakan – Tayshet)
- 🛣 Federal highway P255 (Novosibirsk – Krasnoyarsk – Irkutsk)
- 🛣 Federal highway R257 (Krasnoyarsk – Abakan – Kyzyl – Khandagayty)
- 🚢 The Yenisei River (Abakan – Krasnoyarsk – Lesosibirsk – Dudinka – Dikson)
- 🚢 Northern Sea Route (Murmansk – Dikson – Tiksi – Pevek – Vladivostok)

FLIGHT TIME TO THE LARGEST RUSSIAN CITIES:

Landing	Flight time, hours:minutes
Moscow	04:45
St. Petersburg	05:10
Novosibirsk	01:30
Yekaterinburg	02:50
Nizhny Novgorod	04:20
Kazan	03:50
Chelyabinsk	03:00
Omsk	02:00
Samara	03:55
Rostov-on-Don	05:55

AIRPORTS OF THE YENISEY SIBERIA

- Krasnoyarsk International Airport
- Abakan International Airport
- Kyzyl International Airport



INVESTMENT PLATFORMS OF THE YENISEY SIBERIA



SEZ TRANSPORTATION, LOGISTICS AND INDUSTRIAL HUB (under construction)*



352 ha

area

including:

203 ha

industrial zone

60 ha

logistic zone

89 ha

infrastructure area

HUB PROFILE

transport and logistics, industrial

TYPE OF OWNERSHIP

mixed

PROJECT INITIATOR

ERA Group JSC

SEZ INFRASTRUCTURE (being created)

power supply (20 MW)
heat supply (20 Gcal per hour)
water supply (2,000 cbm per day)
water disposal (2,000 cbm per day)

POTENTIAL PROJECT PARTICIPANTS:

Air carriers
Forwarders
Integrators
3PL operators
Container liner operators
E-commerce platforms
Warehouse companies
Logistics companies
Electronics
Chemistry
Electrical engineering
Pharmaceuticals
Metalworking
Woodworking
Cosmetics
Machinery and equipment
Transport engineering
Medical equipment

REQUIREMENTS FOR RESIDENTS OF TRANSPORTATION, LOGISTICS AND PRODUCTION HUB:

Contribution to the authorized capital – **120 mln RUB (at least 40 mln RUB over 3 years)**

Tax type	Standard taxation scheme	SEZ	Benefits period
corporate income tax	20%	7%	first 5 years
		12%	next 5 years
		15.5%	after 11th year
federal budget	3%	2%	
regional budget	17%	5%	first 5 years
		10%	next 5 years
		13.5%	after 11th year
corporate property tax	2.2%	0%	10 years*
land tax	1.5%	0%	5 years**
free customs zone (import and export duties, VAT on equipment, components)		0%	

* from the moment of receipt of taxable profit
!** from the moment of registration of ownership

TRANSPORT ACCESSIBILITY:



federal highway R255

2 km



regional center (Krasnoyarsk)

40 km



Krasnoyarsk airport

1 km



Bugach railway loading station

34 km

Resource	Unit of measurement	Cost *
Electricity	RUB/kW*hour	over 3
Heating	RUB/Gcal	over 1 371
Drinking water	RUB/cbm	over 21
Wastewater disposal	RUB/cbm	over 13
Storm drains	RUB/cbm	over 10
Land lease	thous RUB/ha	over 40
Purchase of a land plot	thous RUB/ha	over 1 340

* without 20% VAT

SEZ KRASNOYARSK DIGITAL VALLEY

Investment and development of digital technologies in the Krasnoyarsk region



REQUIREMENTS FOR RESIDENTS OF KRASNOYARSK DIGITAL VALLEY:

Contribution to the authorized capital –
**120 mln RUB (at least 40 mln RUB over 3
years)**

Resource	Unit of measurement	Cost
Electricity*	RUB/kW*hour	4.28/6.4
Heating	RUB/Gcal	1172.78
Hot water	RUB/cbm	3.83
Steam	RUB/Gcal	960
Process cold water	RUB/cbm	3.92
Recycling water supply of clean cycle	RUB/cbm	3.26
Drinking water	RUB/cbm	20.79
Wastewater disposal	RUB/cbm	13.3
Chemical effluents (oil emulsion)	RUB/cbm	374.03
Chemical effluents (acid-alkali)	RUB/cbm	579.6
Storm drains	RUB/cbm	10.87

*Prices of supplier Krasnoyarskenergosbyt PJSC for consumers of the 3rd price category
Maximum capacity of power receivers from 670 kW to 10 MW Voltage level 10 kV – tariff 4.28 roubles/kW, voltage level 0.4 kV – tariff 6.4 roubles/kW
The prices are given without VAT 20%

Tax type	Standard taxation scheme	Planned within the SEZ	Benefits period
corporate income tax	20%	2%	first 10 years
		15.5%	after 11th year
federal budget	3%	2%	for the term of the agreement
regional budget	17%	0%	first 10 years
		13.5%	after 11th year
corporate property tax	2.2%	0%	10 years*
land tax	1.5%	0%	5 years**

* from the moment of receipt of taxable profit
!** from the moment of registration of ownership

TRANSPORT ACCESSIBILITY



federal highway R255
9 km



regional center (Krasnoyarsk)
0.5 km



Krasnoyarsk airport
54 km



Korkino railway loading station
0.5 km

ABAZA PSEDA



REQUIREMENTS FOR RESIDENTS DURING 1 YEAR AFTER INCLUDING IN THE REGISTER OF RESIDENTS ARE SET BY THE REGULATION OF THE GOVERNMENT OF RUSSIA No. 870 ON ESTABLISHING TASED ABAZA as of JULY 24, 2017:

1. The minimum number of new permanent jobs created by a resident in the framework of the investment project is **20**
2. The minimum amount of capital investments by a resident within the framework of the investment project is **5 mln RUB**
3. Revenue from contracts with the city-forming organization of the monotown: no **more than 50%** of all revenue
4. Attracting foreign labor: **no more than 25%** of the total number of employees

TRANSPORT ACCESSIBILITY



federal highway R257
189 km



regional center (Abakan)
189 km



Abakan airport
189 km



Abaza railway loading station
0.5 km

Tax type	Standard taxation scheme	PSEDA	Benefits period
Corporate income tax	20%		
federal budget	3%	0%	first 5 years
regional budget	17%	5%	first 5 years
		10%	further 5 years
Corporate property tax	2.2%	0%	10 years
Land tax	1.5%	0%	
Severance tax	from 3.8%	CMT 0	first 2 years
	up to 16.5%	CMT 0.2	from 3rd to 5th year

A special legal regime for carrying out entrepreneurial activities in Abaza TASED is valid for the following types of economic activities (according to Russian Classification of Economic Activities OKVED2 classes):

1. Crop farming and livestock production, hunting and related services in these areas
- 2.3. Gathering of wild growing non-wood product
8. Extraction of other minerals
10. Food production
- 11.07. Production of soft drinks production of mineral water and other bottled drinking water
14. Manufacture of clothing
15. Manufacture of leather and leather products
16. Woodworking and manufacture of wood and cork products, except furniture; manufacture of articles from straw and plaiting materials
- 21.20. Production of medicines and materials used for medical purposes
24. Metallurgical production
25. Manufacture of finished metal products, except for machinery and equipment
31. Furniture manufacturing
50. Activities for the provision of places for temporary residence
56. Activities for the provision of food and beverages

CHERNOGORSKY INDUSTRIAL PARK

PARK PROFILE

building materials, food processing, other materials

FORM OF OWNERSHIP

municipal

MANAGEMENT COMPANY

Chernogorsk Partner-Auto MC

PARK INFRASTRUCTURE

power supply (3.0 MW),
water supply (223 cbm/h)
water disposal (240 cbm/h)

PARK RESIDENTS

ZhBK-1 LLC
IK StroyDom19 LLC
Project KUB LLC
Dostupny Dom LLC
Chernogorsk agro-industrial complex LLC
Altai Nitroexpress LLC

REVENUE OF RESIDENTS (2018)

28 mln RUB

CAPACITY UTILIZATION RATE

21% (land plots)

WORKPLACES

216 jobs

DEVELOPMENT PROSPECTS

the capacity of expanding to **200 hectares**, construction of a steam boiler house and a duplicate power line



40 ha
land area

TRANSPORT ACCESSIBILITY



Федеральная трасса R257
2 km



региональный центр (Абакан)
18 km

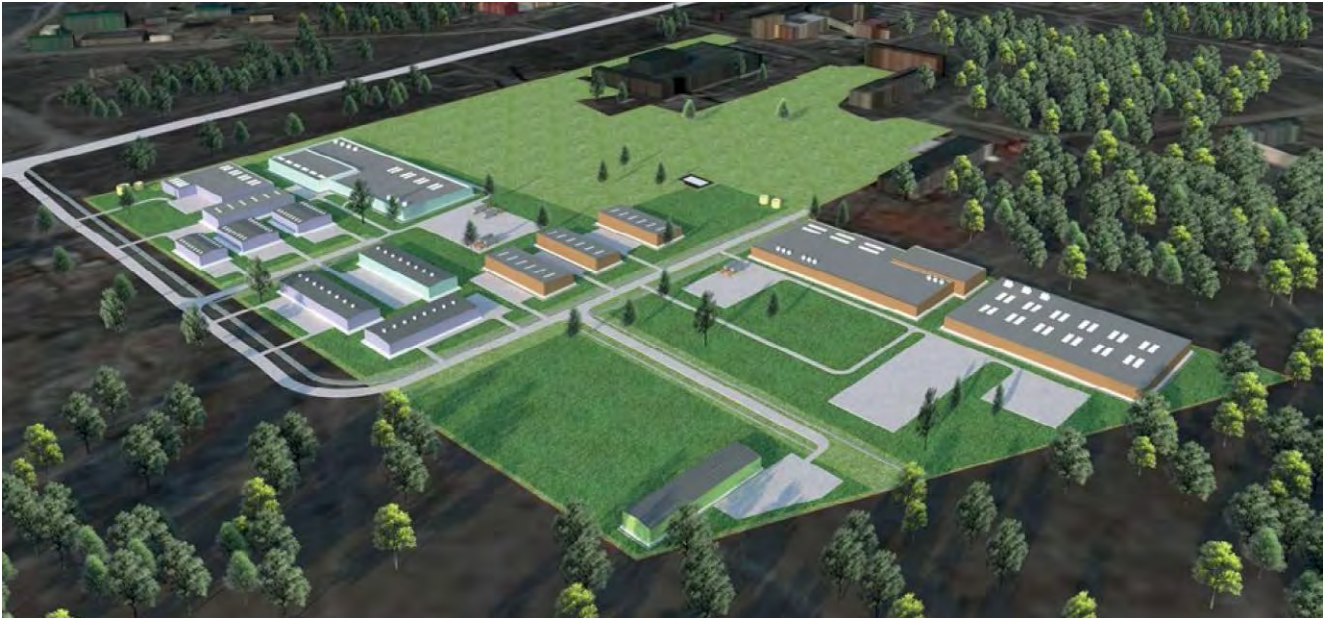


Абаканский аэропорт
22 km



Черногорские Месторождения
Черногорская станция
5 km railway

INDUSTRIAL PARK OF KYZYL



30.1 ha
land area

INDUSTRIAL PARK PROFILE

multi-industrial (building materials, woodworking, food processing, transport and logistics)

FORM OF OWNERSHIP

mixed

MANAGEMENT COMPANY

MC Industrial Park of Kyzyl LLC

PARK INFRASTRUCTURE

power supply (**2.0 MW**)
heat supply (modular boiler: **12.5 MW**)
water supply and sewerage (**43 cbm/h**)

ТРАНСПОРТНАЯ ДОСТУПНОСТЬ:



federal highway R257
1.5 km



regional center (Kyzyl)
6 km



Kyzyl airport
7 km



Minusinsk railway loading station
370 km

INVESTMENT PROPOSALS OF THE YENISEY SIBERIA



DEVELOPMENT OF BUILDING LIME PRODUCTION

Krasnoyarsk Region, Kuraginsky District

PRECONDITIONS



- In the past several years, the Russian lime market has been showing some positive development trends
- In the year 2019, in the lime market structure the domestic production volume exceeded the imported supplies by 103.3 times, and the visible trade of balance was positive, equal to 64.6 thousand tonnes
- The Yenisey Siberia regions encompass a number of large-scale investment projects to be implemented, some of which will be major lime consumers

PROJECT PROPOSALS



The project suggests modernization and expansion of the lime production capacity. This includes:

- Construction of limestone calcination workshop with a capacity of 35 thousand tonnes of lime per year
- Installation of a lime kiln
- Equipment of the lime crushing and packing workshop

CURRENT STATE



Initiation Planning Implementation Completion

- Active limestone mining license
- Active lime production enterprise
- Industrial site land owned by the company
- Developed business plan for project implementation

OFFER TO THE INVESTOR



Total cost of the project

4 mln dollars

Capital planned to be raised

1,2 mln dollars

Investment purposes

production facility construction and equipment

Investment options:

- investment in return for a share
- loan on a deferred-payment basis

Internal rate of return (IRR)

16,2%

Payback period including construction term

6,6 years



MODERNIZATION OF AMORPHOUS GRAPHITE PRODUCTION

Krasnoyarsk

PRECONDITIONS



- World graphite market growth potential constitutes 7% per year in the period from 2020 to 2025
- Stable positive dynamics of the consumer industries in the Russian Federation
- The largest amorphous graphite field in the Russian Federation (96.7 million tonnes) with high-quality ore (carbon content reaching 85%)
- Confirmed availability of clients from Europe and South-East Asia ready to conclude supply contracts for more than 40,000 tonnes per year with decreasing of sulphur content to 0.1% in the end product

PROJECT PROPOSALS



The project has two modernization scenarios:

- Basic modernization: up to 15,000 tonnes per year, carbon content 85-92%, sulphur content 0.3-0.5%
- Thorough modernization: up to 46,000 tonnes per year, carbon content 99+%, sulphur content 0.1%

In the case of thorough modernization, the technological complex consisting of 19 buildings and 2 structures may be moved. The site of 4.8 ha on the Yenisey river bank in Krasnoyarsk may be cleared for the development projects.

CURRENT STATE



Initiation Planning Implementation Completion

- Active production of natural ground casting cryptocrystalline graphite
- Active graphite ore production licenses (total reserves within the provided mining area comprising 920 thousand tonnes; ore-in-place volume 96.7 million tonnes)
- Prepared modernization plan including an evaluation by the international clients and an anticipated demand level analysis

OFFER TO THE INVESTOR



Total cost of the project
6,2 - 25,9 mln dollars

Capital planned to be raised through private investments
6,2 mln dollars and above

Investment purposes
modernization of the production facility

Investment options:

- investment in return for a share
- loan on a deferred-payment basis

Internal rate of return (IRR)
24,2%

Срок окупаемости с учетом строительства
5,7 years



TROITSK SALTWORKS

Troitsk Village, Krasnoyarsk Region

PRECONDITIONS



- Troitsk Saltworks is the oldest company in Krasnoyarsk Region with great resource assets (over 1 bln tonnes), available for production of a wide assortment of chemical compounds
- Implementation of the largest Yenisey Siberia investment projects includes creation of enterprises requiring various chemicals in their production process

PROJECT PROPOSALS



The project has several development scenarios, including:

- Development of the existing manufacturing facilities
- Production of sodium hypochlorite, (NaClO)
- Production of calcium hypochlorite (Ca(ClO)₂)
- Production of caustic soda (NaOH)
- Production of broad-spectrum herbicides

CURRENT STATE



Initiation Planning Implementation Completion

- To recover the business after shutdown, the company has undergone a number of refurbishments since 2017
- To confirm the deposits of industrial brine, a geological survey has been conducted
- New wells have been drilled and put into operation to ensure stable functioning of the company
- The industrial brine exploitation and production license for table salt manufacturing has been restored (until 2031)
- The company currently produces a range of products, including liquid salt and spices

OFFER TO THE INVESTOR



Total cost of the project
0,4 - 25,8 mln dollars

Capital planned to be raised
0,4 mln dollars and above.

Investment purposes
construction and installation,
equipment, working capital

Investment options:
• investment in return for a share (70%)
• investment loan

Internal rate of return (IRR)
25-46,7%

PRIME MERIDIAN MEDICAL CENTRE

Krasnoyarsk

PRECONDITIONS



- Market demand for large multi-profile medical centres with a wide range of services from out-patient care to in-patient treatment and rehabilitation
- Improvement of operational efficiency and expansion of the range of medical services with a new level of in-patient care quality

PROJECT PROPOSALS



The project suggests the development of a private full-service medical centre with in-patient and surgery care.

This includes:

- An out-patient clinic with a day in-patient department
- A rehabilitation unit and rehabilitation outdoor site in the proximity
- A surgery block with a 24-hour in-patient department
- An X-ray department
- An out-patient cancer care centre
- A hotel for patients and their accompanying persons from other cities
- A therapeutic exercise room, a cardio workout room, a gym and a SPA zone

CURRENT STATE



Initiation Planning Implementation Completion

- Land and building ownership acquired
- Medical license obtained
- Out-patient clinic, diagnostic department, 24-hour surgical in-patient care department with a surgery theatre have been put in operation
- In March 2019, first surgeries were performed
- In 2019, the clinic provided its service to 2.8 thousand clients

OFFER TO THE INVESTOR



Total cost of the project

10,6 mln dollars

Total cost of the project

0,4 mln dollars and above

Investment purposes
equipment, working capital

Investment options:

- investment in return for a share (up to 50%)
- loan on a deferred-payment basis

Internal rate of return (IRR)

19%



LATTA ANTIBACTERIAL SPRAYS

Krasnoyarsk

PRECONDITIONS



- Low efficiency and/or safety of the existing respiratory protection products
- Cutting-edge technology developed by Russian scientists in the area of bioorganic chemistry and microbiology based on the volatile natural phytoncides of wild-growing taiga plants
- Enacted recommendations of Russia's chief sanitary inspector to apply these products for aeration

PROJECT PROPOSALS



The project suggests the development of the antibacterial sprays and adaptive nutrition complexes production.

This includes:

- Development of production facilities
- Development of a product for targeted treatment of chronic and severe diseases
- Arrangement of a closed production cycle to process wild-growing raw materials, manufacture products that comply with the GMP standard
- Expansion to the global market

CURRENT STATE



- A full cycle of fundamental R&D works has been completed, experimental production facilities have been established, the entire product line has been registered in Russia and the PRC
- The products have been clinically tested
- A one-hectare land plot for construction of an in-house manufacturing facility near Krasnoyarsk has been purchased

OFFER TO THE INVESTOR



Total cost of the project
7,1 mln dollars

Capital planned to be raised
4,3 mln dollars

Investment options:
 • investment loan

Internal rate of return (IRR)
13%

Investment purposes
 construction and installation, equipment, working capital

FOOTBALL ARENA CHAIN

Krasnoyarsk

PRECONDITIONS



- Over the past 4 years, the number of children attending Krasnoyarsk football schools has grown by 2.5 times
- The access to indoor sports facilities is limited
- The majority of gyms belong to education institutions, they are overloaded and not equipped with artificial turf

PROJECT PROPOSALS



Within the framework of the project, it is planned to build three prefabricated football arenas (arched, inflatable) accommodating five fields with a total area of 40x82 m. The complex may include a maintenance block, modular-type cafes and mini-hotels.

The arenas can be used in several ways:

- Evening sessions (commercial time, private tenants, adult teams, amateur and corporate football tournaments)
- Daytime sessions (state-funded sports groups, schoolchildren and municipal sports clubs, city and regional tournaments and championships)

CURRENT STATE



- Krasnoyarsk Junior football school has been operating since 2014, training children from over 1500 families around the city of Krasnoyarsk and the region
- Krasnoyarsk was one of the first nine cities to open the first Spartak Junior school subdivisions in 2019
- A public-private partnership mechanism has already been worked out to implement the project in school grounds

OFFER TO THE INVESTOR



Total cost of the project

3,3 mln dollars

Capital planned to be raised

0,4 mln dollars and above

Investment purposes

construction and installation, equipment

Investment options:

- investment in return for a share
- loan on a deferred-payment basis

Internal rate of return (IRR)

18%



MARKETPLACE COWORKING STREET FOR EAT

Krasnoyarsk

PRECONDITIONS



- Changing consumption patterns among citizens of large cities entailed a new alternative retail format of a marketplace, which got immediately popular in Moscow
- Even though the consumer markets appear to be completely formed and prepared for the emergence of a new player, there are no direct competitors in the majority of large Russian cities
- Krasnoyarsk is one of the most attractive cities for development in this domain

PROJECT PROPOSALS



Street For Eat is a chain of food coworking facilities for gastronomic entrepreneurs in the format of food markets aimed at mass-market consumers

- The marketplace will provide a wide choice of products and services within one area
- The coworking will provide food and service producers with production and commercial areas, equipment, tools, services, and technologies, and will facilitate their brand promotions and customer traffic

CURRENT STATE



Initiation Planning Implementation Completion

- Product development strategy and 5-year financial plan developed
- Construction contract signed and construction permission acquired
- IT infrastructure project developed

OFFER TO THE INVESTOR



Total project cost (estimated company cost)

10,2 mln dollars

Capital planned to be raised

2,1 mln dollars

Investment purposes

building renovation, equipment, marketing, working capital, IT infrastructure

Investment options:

- acquisition of a 44% share of the company with potential share value growth 10 times in 3.5 years
- provision of a convertible loan to the company at 33.3% annual rate for the period of 3 years under conditions of a reverse option (100% share of the company until it reaches the target performance)

The investor withdraws through selling his/her share, the withdrawal date is determined at the discretion of the investor

PRODUCTION OF FREEZE-DRIED BERRIES AND FUNCTIONAL BEVERAGES

Bolshemurtinsky District, Krasnoyarsk Region

PRECONDITIONS



- Global eco-product market is developing four times faster than the traditional grocery market
- Krasnoyarsk Region is abundant with wild-growing products; at the moment, they are appreciated by consumers more than cultivated products
- The development of deeper processing stages and expansion of the product preparation lines are the currently relevant tasks

PROJECT PROPOSALS



The project is aimed at the creation of production and logistics complex, which includes:

- Production building with the total floor area of 400 square meters
- Seasonal structure for reception and handling of the raw material
- Available engineering infrastructure
- Freeze-drying, concentrate production and bottle filling equipment

CURRENT STATE



- Long-term land plot rental agreement signed
- Recipes for wild fruit-based functional beverage line developed
- Experimental product samples released; production manufacture technology selected, package design developed
- Business plan developed

OFFER TO THE INVESTOR



Total cost of the project

0,7 mln dollars .

Capital planned to be raised

0,4 mln dollars

Investment purposes

production facility construction and equipment

All investment options can be considered

Internal rate of return (IRR)

25%

Payback period including construction term

3 years



ESTABLISHMENT OF UYAR OIL REFINERY

Uyar, Krasnoyarsk Region

PRECONDITIONS



- Available infrastructure within the oil loading terminal, carriage preparation station, railways, overhead crossings and tanks
- Available connection to the main oil pipeline of Transneft
- High-quality motor fuel market growth (EURO 4, EURO 5 standards)
- Monopolistic structure of the oil product market in Krasnoyarsk Region

PROJECT PROPOSALS



The project involves the construction of the oil refinery based on the oil loading terminal near the Uyar station. Production parameters of the project:

- Uyar oil refinery capacity: 1.5 mln tonnes per year

Commercial product:

- autopedrols of EURO 4, EURO 5 grades
- diesel fuel of EURO 4, EURO 5 grades
- bitumen
- fuel oil
- commercial propane/butane mix

CURRENT STATE



Initiation Planning Implementation Completion

- The terms of reference for connection to the main oil pipeline of Transneft have been received
- The land plot for the oil refinery construction has been purchased and qualified as industrial purpose land
- Business plan was developed
- Cooperation agreement with the Administration of Uyar District and the town of Uyar has been signed

OFFER TO THE INVESTOR



Total finance of the project

475 mln dollars

Capital planned to be raised

144 mln dollars

Investment purposes

construction and equipment of the refinement facility

All possible investment options will be considered. Participants of the fuel market and filling station networks are also invited to join the project.

Internal rate of return (IRR)

24,9%

Payback period including construction term

6,7 лет



KUZNETSOVO GLAMPING

Berezovsky District, Krasnoyarsk Region

PRECONDITIONS



- The travellers' wish to visit exotic places with virgin nature
- The tourism service volume in the Russian Federation has increased by 56% in the past five years
- High recreation potential of Krasnoyarsk Region for the inbound tourism development (top-ranked in the Siberian Federal District and rated 11th in the Russian Federation)
- Predicted growth in the number of visitors from other regions of Russia and abroad

PROJECT PROPOSALS



The investment project suggests organizing a hospitality business, sports and recreation gear rental, as well as touristic services.

The project includes the following:

- Design and construction of the accommodation facilities (a basic house, a mini-house, a treehouse, a big house, a café bar, a big AA format house, a sauna and a tent)
- Equipment of the public spaces and auxiliary services (laundry, café, rental, sauna, training centre, sports zone)
- Design and construction of public infrastructure and additional infrastructure facilities

The land plot is located at the foot of the Torgashinsky Ridge, in the tree belt area, near the urban infrastructure of Krasnoyarsk. The venue is close to Chernaya Hill and a hiking trek network to provide active recreation options to the visitors.

CURRENT STATE



- Project concept, business plan and financial model developed
- Land plot for project implementation selected

OFFER TO THE INVESTOR



Total finance of the project

0,7 mln dollars

Capital planned to be raised

7 thousand dollars and above

Investment purposes:

development of project and construction documentation, construction of accommodation facilities, arrangement of public service infrastructure

The investor is offered several facilities of different purposes and cost.

Internal rate of return (IRR):

20-24%

Payback period

from **3,75** to **4,25** years (depending on the facility)



TEREPHTHALIC ACID PRODUCTION

Achinsk, Krasnoyarsk Region

PRECONDITIONS



- The demand for terephthalic acid exceeds the supply both in the Russian and foreign markets in the nearest geographic proximity
- In the Russian Federation, the terephthalic acid consumption volume exceeds the volume of production
- The deficit of terephthalic acid on the Russian market is compensated with the imported material, bringing Russia down to the 9th place in the imported volume

PROJECT PROPOSALS



The project implies the construction of an enterprise for the production of terephthalic acid, being raw material for the synthesis of polyethylene terephthalate (PET), one of the world's most common polymers, also used in the polyether fibre production.

The raw material for the terephthalic acid production is paraxyolol, an oil processing product, the nearest manufacturer of which is Omsk Oil Refinery.

Potential location of the production is Achinsk Industrial District of Krasnoyarsk Region that provides the required infrastructure

CURRENT STATE



The strategic significance of the project is the following:

- The project implies the establishment of the first high-tech production of the polyether fibre components in the regions of Yenisey Siberia
- Establishment of a developed petrochemical production facility will create a foundation for the further development of the segment in the region

OFFER TO THE INVESTOR



Total amount of project financing

43 mln dollars

Investment purposes

production facility construction and equipment

Internal rate of return (IRR)

41%

Payback period including construction term

6 years



INVESTMENT PROPOSALS OF KHAKASSIA REPUBLIC

- 1** Fruit and berry garden
Askiz District
- 2** Pervomaysky dairy production complex
Pervomaisk village, Bogradsky district
- 3** Production of gypsum-based construction materials
Askiz District
- 4** Tasty Day ready-to-eat healthy food delivery chain
Abakan
- 5** Berkuty territory of river and cruise tourism
The shore of Krasnoyarsk Reservoir, Ust-Abakan district
- 6** Priiskovy tourist and recreation facility development
Priiskovoye village, Ordzhonikidze district
- 7** Podnebesye all-season resort
Balyksa village, Askiz District
- 8** IT center establishment
Abakan

FRUIT AND BERRY GARDEN

Askiz District, Republic of Khakassia

PRECONDITIONS



- The berry market strongly depends on the amount of gathered wild berries and is characterised by a shortage of cultivated product. Project implementation will increase the guaranteed amount of berry raw materials and decrease the market dependence on wild berries
- Shortage of these products in the domestic and foreign markets

PROJECT PROPOSALS



The project implies the creation of a fruit and berry garden for cultivating typically Siberian berries, such as garden sea buckthorn, garden honeysuckle, and, in the future, gooseberry, currants, raspberry and strawberry.

The berry garden will be created with the use of high-yielding planting stock, state-of-the-art soil improvement, drip irrigation, product processing and storage technologies.

The production plan envisages the establishment of a garden of 987 ha (to be further expanded to 2 thousand ha), including 454 ha for sea buckthorn and 533 ha for honeysuckle.

CURRENT STATE



- A land plot has been allocated for the project on a long-term lease (leasing period: 49 years with a further land plot purchase option)
- A drip irrigation system design project has been developed
- Scientific and Research Institute of Horticulture of Siberia prepared a garden layout
- To provide the optimal irrigation conditions based on the features of the species planned to be cultivated, the necessary equipment was selected

OFFER TO THE INVESTOR



Total cost of the project

14 mln dollars

Capital planned to be raised

2,9 mln dollars

Investment purposes

construction and installation, equipment, working capital

Investment options:

- investment in return for a share
- loan on a deferred-payment basis

Internal rate of return (IRR)

19,5%

PERVOMAYSKY DAIRY PRODUCTION COMPLEX

Pervomayskoe Settlement, Republic of Khakassia

PRECONDITIONS



- In accordance with the Food Security Doctrine of the Russian Federation, raw milk production deficit amounts to 2.9 mln tonnes
- Import phase-out possibilities for dairy products amount to 7 million tonnes per year, which is 17% of the total consumption
- In recent years, there is a decrease in powdered milk stock in the European Union; at the same time, a consistent increase in dairy products consumption in China is observed

PROJECT PROPOSALS



The project entails the construction of a high-tech dairy production complex for 4,800 dairy cows, including cow sheds, calf sheds, repair and technical sections, grain pipes, garage, utility and auxiliary infrastructure.

The project is being implemented at the following land plots:

- The DPC location site: 255 ha
- Agricultural land plots: 13,220 ha
- Reserved lands in the project implementation area: 35,000 ha

CURRENT STATE



- Total amount of invested funds: 98.5 mln RUB
- Capital investments in the production assets, mechanization of production processes, utility and other facilities have been made
- The production of up to 2 tonnes of raw milk has been organized

OFFER TO THE INVESTOR



Total project cost
94,8 mln dollars

Capital planned to be raised
7,2 mln dollars and above

First stage cost
25,3 mln dollars

Investment purposes
reconstruction of cowsheds, equipment, fodder conservation, purchase of 640 livestock units, extending machinery and equipment fleet, expansion of the available land area

- Investment options:**
- acquisition of a share of the company
 - investment loan



PRODUCTION OF GYPSUM-BASED CONSTRUCTION MATERIALS

Askiz District, Republic of Khakassia

PRECONDITIONS



- No gypsum product manufacturers in the region
- Lower cost of production in comparison with the competitors
- The project author is experienced in construction and gypsum material production
- Available raw material (Khamkazskoe gypsum field)
- A team of highly qualified professionals

PROJECT PROPOSALS



The project implies the creation of gypsum manufactures, including:

- Comprehensive development of Khakazskoe gypsum field
- Establishment of construction gypsum production facility
- Arrangement of the production site for such construction gypsum-based products as gypsum blocks and drywall:
 - Dry mortars
 - House construction activity

CURRENT STATE



- License for Khamkazskoe gypsum field development acquired
- Field development project is being prepared
- Project business plan developed
- Production location options analysed

OFFER TO THE INVESTOR



Total cost of the project

2,2 mln dollars

Capital planned to be raised

1,7 mln dollars

Investment purposes

plant construction, purchase of production equipment and quarry machinery

Investment options:

- acquisition of a share of the company
- investment loan for the period of the project implementation at 10% annual rate

Internal rate of return (IRR)

22,2%

Planned pay-off period

6 years



TASTY DAY READY-TO-EAT HEALTHY FOOD DELIVERY CHAIN

Abakan, Krasnoyarsk

PRECONDITIONS



- The healthy nutrition segment is one of the most rapidly growing ones in the global food and beverage market
- The growing interest of the Russian consumers to healthy food and engagement of the population into the health nutrition culture is 13%
- In the context of the latest events, popularization of the ready food delivery format

PROJECT PROPOSALS



Tasty Day is the leader in the healthy food market of the Republic of Khakassia. The business model includes healthy food delivery, consulting and development of customized diets for any consumer.

The project suggests popularization of the Tasty Day brand, development of ready-to-eat healthy food delivery shops in the cities with a minimum population of 50 thousand people

In the future, the production system will be based on:

- 3,000 outlets in different cities of Russia and 500 outlets in the CIS countries
- Auxiliary semi-finished food production workshops

CURRENT STATE



Initiation Planning Implementation Completion

- permission documents collected
- two branches in Abakan and Krasnoyarsk put into operation
- client base formed and professional team gathered
- financial model and chain development strategy formulated

OFFER TO THE INVESTOR



Total investment:

3,6 mln dollars

Capital planned to be raised through private investments:

1,4 mln dollars and above

Investment purposes:

construction and installation, equipment, working capital, including:

- Two semi-finished food production workshops
- 241 delivery shops 1,4 mln dollars

Further development of the chain is expected to be financed with the income gained.

Investment options:

- acquisition of a share in the company of 40%
- investment loan

Internal rate of return (IRR):

36%

Payback period

12 months

BERKUTY TERRITORY OF RIVER AND CRUISE TOURISM

The shore of Krasnoyarsk Reservoir, Republic of Khakassia

PRECONDITIONS



- Stable development rate of inbound (5%) and outbound tourism (15%) in the Russian Federation
- The current embankment of the Yenisey River from Mokhov village to the boundaries of Khakassia Nature Reserve is distinguished by excellent terrain and mild water level difference
- Breath-taking locations, observation platforms and panoramic views put forward the opportunity for the development of the first high-tech recreation territory of river tourism and cruise travels on the Yenisey River

PROJECT PROPOSALS



The project suggests the creation of a high-tech territory of the river and cruise tourism on the shore of Krasnoyarsk Reservoir, including:

- Berkuty resort complex, including a multifunctional indoor facility, a water park, a campsite with comfortable infrastructure, a river station, multisport grounds, a rescue centre, a facility with a helicopter pad and a runway for small aircrafts
- Mokhovsky cottage village with comfortable infrastructure for accommodation/stay of the staff with their families
- Utilities and support infrastructure facilities

CURRENT STATE



Initiation Planning Implementation Completion

- The current embankment of the Yenisey River from Mokhov village (Ust-Abakan District) to the boundaries of Khakassia Nature Reserve (the Oglakhty area) is distinguished by excellent terrain and mild water level difference
- At the moment, the project concept, business plan and financial model have been developed; the contact structure and land plot issues are being worked on
- By 2030, the tourist flow is planned to increase up to 279 thousand people

OFFER TO THE INVESTOR



Total cost of the project

97,2 mln dollars

Capital planned to be raised

14,4 mln dollars

Investment purposes

construction of tourist facilities, service and utility infrastructure

All investment options will be considered

Planned payback period

10 years



PRIISKOVY TOURIST AND RECREATION FACILITY DEVELOPMENT

Priiskovoe Settlement, Republic of Khakassia

PRECONDITIONS



- According to the TurStat analytical agency, Priiskovoe Settlement is ranked second among the best freeriding locations of Russia
- A long period of the consistent snow cover - up to 9 months
- A wonderful mountainous place with the average mountain height of 1,600 m and unique snow cover attracts both professionals and people with average training level

PROJECT PROPOSALS



The project suggests the development of infrastructure at the recreation complex, including:

- Alpine skiing facility with 5 alpine skiing courses of different categories, chairlifts, gear rental, and entertainment infrastructure
- A chain of hospitality facility with the capacity of 1,500 beds, a water park, a fitness centre, a spa centre, food and beverage services
- Gear rental, ski service, alpine skiing school, cafe, fast food restaurants, ticket offices, training and information centres
- Construction of the Saral River embankment and improvement of Priiskovy Village

CURRENT STATE



Initiation Planning Implementation Completion

- In Priiskovy village, there are 16 hospitality facilities (hotels and recreation centres), mostly of a 3 to 4-star comfort grade
- At the moment, the catskiing (freeride with a snowcat lift) is well-developed
- However, with the lack of convenient and safe skiing courses, Priiskovy still has not received the status of a full-scale mountain ski resort

OFFER TO THE INVESTOR



Total cost of the project

118 mln dollars

Capital planned to be raised

7,2 mln dollars and above

Investment purposes

construction of tourist facilities, service and utility infrastructure

All investment options will be considered

Planned payback period

10 years



PODNEBESYE ALL-SEASON RESORT

Balyksa village, Republic of Khakassia

PRECONDITIONS



- Stable development rate of inbound (5%) and outbound tourism (15%) in the Russian Federation
- Fulfilment of the federal target program for the development of domestic and inbound tourism in the Russian Federation (2019-2025) requires developing an active tourism segment in the Republic of Khakassia
- Among the five of the 21st century's most promising kinds of tourism, the adventure and cultural-educational tourism are ranked 2nd and 3rd

PROJECT PROPOSALS



Five main components of the project:

- Visit centre in Balyksa village
- Podnebesye hotel facility and Shor ethnovillage in Balyksa
- Terensug alpine skiing facility
- Podnebesye recreation facility by the Bolshoy Kazyr river
- Chain of mountain hotels and estates by the Tom and Terensug rivers

CURRENT STATE



- The project concept has been developed
- The currently designed Birikchul Bolshoy Orton Tashtagol Mezhdurechensk motorway will directly connect the tourist flows from Kemerovo, Novosibirsk, and Barnaul
- After the project completion, the estimated potential tourist flow may reach 100,000 people per year

OFFER TO THE INVESTOR



Total cost of the project
48,9 mln dollars

Capital planned to be raised
2,9 mln dollars and above

Investment purposes
construction of a ski resort, hotel infrastructure and a recreation facility

Any possible investment options will be considered. Institutional investors, tour operators and tour organizers, snowmobile and ATV renters, catering, sports and cultural event organizers are also invited to participate in the project.

Planned pay-off period
12 years

IT CENTER ESTABLISHMENT

Abakan, Republic of Khakassia

PRECONDITIONS



- IT service market in the Russian Federation is growing at CAGR 4.5%, which is almost two times higher than the average global growth in the industry
- According to Gartner survey, the software development segment demonstrates the highest growth rate in the IT service market
- The IT park construction is rapidly developing in the Russian Federation. The majority of the parks is concentrated in the western part of Russia

PROJECT PROPOSALS



The project includes the construction of an IT centre to unite different IT companies and software developers on one platform. The construction is planned to be carried out in a greenfield area to unite over 300 IT resident companies for joint IT solution development, for rental of the data centre facilities, offices and other premises of the centre.

The future IT centre will be located in Abakan, a town with a comfortable urban environment and well-developed infrastructure in the Republic of Khakassia.

An alternative location is Cheremushki village with the sufficient, high-quality and cheap electric power supply.

CURRENT STATE



Idea Initiation Planning Implementation Completion

The strategic significance of the project is the following:

- The project will prevent the outflow of high-qualified IT specialists from the region and create a sufficient amount of jobs. The project will facilitate the development of a high tech cluster in the territory of the Eastern Siberia
- The IT centre will promote the digital transformation of the economy and traditional industries, increasing the share of innovative high value-added products
- The proximity to the capital will provide new opportunities for teaching the IT graduates of Khakassian State University; digitalization of the regional economy will increase the local living standards

OFFER TO THE INVESTOR



Total volume of finance
8,6 mln dollars

Investment purposes
construction and equipment
of the IT centre

Internal rate of return (IRR)
26%

**Payback period including
construction term**
6 years







INVESTMENT PROPOSALS OF TYVA REPUBLIC

- 1** Full-service medical centre in Kyzyl
Kyzyl
- 2** Full-service dental polyclinic in Kyzyl
Kyzyl
- 3** Shaman's house ethnographic centre
Kyzyl
- 4** Taiga ski resort complex
Taiga station, Piy-Khemsy District
- 5** Cheder - Kindezi recreation and treatment facility
Cheder Lake, Kyzyl District
- 6** Construction of roadside facilities network along P257
Yenisey motor road
Shivilig village, Shagonar, Handagytes village



FULL-SERVICE MEDICAL CENTRE IN KYZYL

Kyzyl, Republic of Tyva

PRECONDITIONS



- Market demands for large multi-profile medical centres with a wide range of services, including the option of receiving high-tech assistance and services using OMI and VHI
- The interest of medical operators in other regions in business development in the Republic of Tyva

PROJECT PROPOSALS



The project suggests construction of a full-service medical centre to provide a wide range of medical services within the system of compulsory and supplementary health insurance, as well as fee-based medical services.

The project includes:

- Surgery block
- Neurology department with motional rehabilitation facilities
- Anaesthesiology and intensive care department
- Traumatology and orthopaedics department with neurosurgery
- Urology and surgery department
- Endoscopy department
- Medical rehabilitation department
- Clinical diagnostic laboratory

CURRENT STATE



Initiation Planning Implementation Completion

- A land plot of 39 thousand sq. m in Moskovskaya Str. has been allocated for the main building construction
- The input permission documentation has been provided, including:
 - project design assignment
 - land use planning documents
 - technical specifications for connection to engineering networks

OFFER TO THE INVESTOR



Total cost of the project
8,6 mln dollars

Capital planned to be raised through private investments
7,8 mln dollars

Investment purposes:
construction and installation, equipment

Expected implementation model
public-private partnership

Internal rate of return (IRR)
17%



FULL-SERVICE DENTAL POLYCLINIC IN KYZYL

Kyzyl, Republic of Tyva

PRECONDITIONS



- Population is in need of the full-scale dental care, high-quality dental services and medical assistance
- The interest of medical operators in other regions in business development in the Republic of Tyva

PROJECT PROPOSALS



The project involves the construction of a dental polyclinic to provide a wide range of dental services within the system of compulsory and supplementary health insurance, as well as fee-based medical services.

The project includes:

- Therapeutics department
- Periodontics department
- X-ray department
- Emergency care department
- Children's department
- Orthopedic department
- Dental laboratory
- Surgery and physiotherapy department

CURRENT STATE



- The design assignment for the project has been developed and approved by the Government Decree of the Republic of Tyva
- The dental polyclinic project documentation has been elaborated
- The land allotment totalling 2,9 ha has been selected for the construction. It is located at the crossroads of Chekhov Street and Kechil-Ool Street, the construction will be based on the unfinished building of Kyzyl Dental Polyclinic

OFFER TO THE INVESTOR



Total cost of the project

4 mln dollars

Capital planned to be raised through private investments

3,6 mln dollars

Investment purposes

construction and installation, equipment

Expected implementation model

public-private partnership

Internal rate of return (IRR)

15%



SHAMAN'S HOUSE ETHNOGRAPHIC CENTRE

Kyzyl, Republic of Tyva

PRECONDITIONS



- Rich history of the Tyvan shamanism
- Keen interest of the Russian and foreign citizens towards the ethnic tourism and exotic routes
- The need for forming preconditions for touristic and excursion routes development for different population groups interested in visiting places of important historical events of the Republic of Tyva

PROJECT PROPOSALS



The project involves the construction of an ethnographic centre to develop the ethnic, event and ethnographic tourism and to continue learning about the unique local phenomenon, the Tyvan shamanism.

The project includes:

- Main two-storey building called Shaman's House
- Shaman reception area
- Sacrificial altar
- Memorial
- Two traditional yurts
- Kitchen workshop
- Souvenir workshop
- Museum gallery

CURRENT STATE



- The facility is included in the list of constructions and state property objects of the Republic of Tyva, subject to planning and funding from the budget of the Republic of Tyva
- The project concept has been developed, and a draft project has been elaborated
- A land plot for capital construction has been allocated
- Design and estimate documentation are under development

OFFER TO THE INVESTOR



Total cost of the project

8,6 mln dollars

Capital planned to be raised through private

1,5 mln dollars

Investment purposes

construction and installation, equipment

Expected implementation model

public-private partnership

Internal rate of return (IRR)

16%

TAIGA SKI RESORT COMPLEX

Taiga station, Piy-Khemsy District, Republic of Tyva

PRECONDITIONS



- Significant recreational potential and popularity of the place with the citizens of the Republic of Tyva
- Available sports infrastructure: cross-country ski trails, skating rink
- High demand for skiing, other winter sports and adventure tourism in the Republic of Tyva

PROJECT PROPOSALS



The project is meant to create a cost-effective ski resort and entertainment complex that would meet the modern requirements and activate tourism development in the Republic of Tyva, mainly in the sphere of adventure tourism.

The project includes:

- Alpine skiing course
- Collective accommodation facilities, including an ethnic style hotel
- Public catering facilities
- Cross-country ski trail and ice rink
- Biathlon range
- Sports grounds, children's playgrounds and viewing points
- Summer and winter chairlift
- Eco-trails and bicycle tracks
- Administrative service building

CURRENT STATE



Initiation Planning Implementation Completion

- The facility is included in the list of constructions and state property objects of the Republic of Tyva, subject to planning and funding from the budget of the Republic of Tyva
- The project design assignment has been formulated
- The master-plan of the site is being developed

OFFER TO THE INVESTOR



Total cost of the project

12,2 mln dollars

Capital planned to be raised through private investments

8 mln dollars

Investment purposes

construction and installation, equipment

Expected implementation model

public-private partnership

Internal rate of return (IRR)

30%



CHEDER - KINDEZI RECREATION AND TREATMENT FACILITY

Cheder Lake, Kyzyl District, Republic of Tyva

PRECONDITIONS



- The unique potential of Cheder Lake for establishment a mud therapy complex
- The demand for domestic tourism among the Russian citizens
- Commitment of the Government of the Republic of Tyva to establish a recreation and treatment facility and to develop health and wellness tourism for the purpose of local population health improvement and inbound tourism development

PROJECT PROPOSALS



The project suggests the creation of a modern, effective and competitive healthcare and wellness rehabilitation complex to provide the population with modern services of health and wellness tourism.

The project includes:

- Two treatment blocks
- Hotel
- Children's complex
- Sports ground
- Football pitch
- Administrative complex
- Traditional yurts
- Summer swimming pool
- Summer treatment block
- Beach area with a pier
- Personnel accommodation block
- Parking lot
- Access road to the facility

CURRENT STATE



Initiation Planning Implementation Completion

- A land plot of 40.82 ha for project implementation has been allocated
- Project design assignment is completed and is being negotiated
- Cheder Lake's therapeutic potential and resort suitability have been assessed, and reserves of therapeutic mud have been defined
- A preliminary version of the investment business project has been developed, and basic technical and economic parameters have been defined

OFFER TO THE INVESTOR



Total cost of the project
23,7 mln dollars

Capital planned to be raised through private investments
9,2 mln dollars

Investment purposes

construction and installation, equipment

Expected implementation model
public-private partnership

Internal rate of return (IRR)
11,8%

CONSTRUCTION OF ROADSIDE FACILITIES NETWORK ALONG P257 YENISEY MOTOR ROAD

Shivilig village, Shagonar city, Handagayty village, Republic of Tyva

PRECONDITIONS



- The petrol station service sector of the Republic of Tyva is growing at CAGR 3%, demonstrating greater stability compared to the general Russian market
- Food and beverage market of the region is growing at CAGR 7%; the food retail market average growth rate constitutes 6%
- The competition is represented, most of all, by non-chain small-sized businesses

PROJECT PROPOSALS



The idea includes the construction of a chain of transport roadside service facilities. Additional value is created due to recreational areas, goods and food sales outlets, establishment of hospitality services.

The distance of around 200 km between the facilities will prevent competition:

- Phase I. Shivilig village area. Petrol station with an integrated grocery shop and a cafeteria
- Phase II. Khandagayty village area. Petrol station with an integrated grocery shop and a cafeteria
- Phase III. Shagonar town area. Petrol station, motel (5-6 rooms), cafe

Target values:

- Average daily traffic: 3,000 motor vehicles
- Average daily fuel sales: 25,000 litres

CURRENT STATE



Idea Initiation Planning Implementation Completion

The strategic significance of the project is the following:

- The project will make the main transport line of the Republic of Tyva more attractive both for road tourism and for cargo carriers
- Replacement of the low-budget formats (container petrol stations etc.) will add value to the product, make up a competitive advantage of the project and create a positive image of the Republic of Tyva by increasing the quality of the roadside recreation services.

OFFER TO THE INVESTOR



Total volume of finance
1,7 mln dollars

Investment purposes
construction and equipment of the roadside service facilities

Internal rate of return (IRR)
34%

Payback period including construction term:
6 years



INVESTMENT IDEAS OF YENISEY SIBERIA REGIONS

- 1** Deep flax processing
Yenisey Siberia Regions
- 2** Modified potato starch production
Republic of Khakassia
- 3** Coal-water fuel production
Yenisey Siberia Regions
- 4** Carbon sorbent production
Krasnoyarsk Region
- 5** Apatite and phosphorite fertilizer production
Krasnoyarsk Region
- 6** Establishment of wall panel production based on MASSIV-HOLZ-MAUER technology
Krasnoyarsk agglomeration, Krasnoyarsk Region
- 7** Oriented strand board production of unmerchantable wood
Krasnoyarsk Region
- 8** Wood and polymer composite production
Krasnoyarsk Region
- 9** Production of shock-frozen fruit and berries
Republic of Tyva
- 10** All-season eco tourism facility construction
Republic of Khakassia



DEEP FLAX PROCESSING

Yenisey Siberia Regions

PRECONDITIONS



- The global flax fibre market is consistently growing; in 2018, the market volume constituted 839 million dollars
- The main manufacturers are concentrated in the traditional flax cultivating regions of the Central Federal District
- Due to the proximity of export markets, Yenisey Siberia has a considerable production and export potential

PROJECT PROPOSALS



The company organizes linen flax cultivation in its own lands and purchases flax straw from the third-party manufacturers of the region.

Product processing and distribution procedure:

- Stage I: short and long flax fibre, linen flax seeds, flax chuff pellets
- Stage II: modified flax fibre, industrial plastics

The production may be located in the industrial zones and in the proximity of Abakan or Minusinsk towns.

CURRENT STATE



Strategic significance of the project:

- The project suggest the creation of a high added-value agribusiness; around the production, a cluster may be formed in the following sequence: flax cultivation - flax processing - spinning production - clothing manufacture
- The product may be intended, first of all, for export. The product is an exchange commodity purchased with the exchange prices; any adverse price fluctuations may be hedged out
- Establishment of a developed flax production facility will create a foundation for the further development of the segment in the region

OFFER TO THE INVESTOR



Total volume of finance of Stage I

2,5 mln dollars

Investment purposes

construction and equipment of the preparation facility

Internal rate of return (IRR)

27%

Payback period including construction term

6 years



MODIFIED POTATO STARCH PRODUCTION

Republic of Khakassia

PRECONDITIONS



- Domestic demand for modified starches grows at GAGR 9%
- In the Russian Federation, the modified starch production is growing at a high pace of CAGR 70%
- The main manufacturers are concentrated in the South and Central Areas; the majority of Russian regions have no modified starch production facilities of their own

PROJECT PROPOSALS



The product of the project is edible and technical modified starch for use in the food, cellulose, pharmaceuticals, oil and gas industries, potato fibre, liquid agricultural fertilizers.

The company arranges the harvesting and processing of potato into native starch which undergoes physical and chemical modification, ground into a finished product and packed for further distribution.

Product processing and distribution procedure:

- Ordzhonikidze District of the Republic of Khakassia as a leader in the potato production volume
- Minusinsk, Karatuz, and Shushenskoe Districts of Krasnoyarsk Region that feature vast sowing areas and potato production increasing capacities

CURRENT STATE



Strategic significance of the project:

- The project allows creating a new modified starch production facility in Yenisey Siberia Region
- The product is intended, first of all, for the satisfaction of the growing demand for modified starch both in the traditional and new markets, reduction of import dependence
- Well-developed production establishment for further development of the segment, deepening of the processing and expansion of the product line (xanthan gum)

OFFER TO THE INVESTOR



Total volume of finance
2,5 mln dollars

Investment purposes
construction and equipment of the production facility

Internal rate of return (IRR)
33%

Payback period including construction term
5 years

COAL-WATER FUEL PRODUCTION

Yenisey Siberia Regions

PRECONDITIONS



- In the Russian Federation, coal production has been consistently growing at CAGR 4.5%
- Target sales markets of Russia feature high energy resource utilization potential; energy supplies in the Russian Federation are consistently growing at CAGR 4.7%

PROJECT PROPOSALS



The project suggests organizing water-coal fuel production from coal refining wastes. The output product will be a disperse system consisting of micronized coal (59 - 70%), water (29 - 40%) and plasticiser agent (0.5 - 1%).

Among the production location options, there are:

- Borodinsky, Nazarovsky, Berezovsky mines in Krasnoyarsk Region
- Vostochno-Beysky, Mayrykhsky, Stepnoy, Kirbinsky mines of the Republic of Khakassia
- Kaa-Khemsy and Elegest field in the Republic of Tyva

CURRENT STATE



Strategic significance of the project:

- The project will allow establishing the first coal-water fuel production in the regions of Yenisey Siberia
- The product will be forwarded, first of all, to the thermal power stations of the regions, boiler houses of the housing utilities and industrial enterprises, industrial power plants, to satisfy the growing electricity demand of the Yenisey Siberia regions, Siberian, Ural and Volga Federal Districts
- Establishment of a developed coal-water fuel production facility will create a foundation for further development of the segment in the region

OFFER TO THE INVESTOR



Total amount of project financing

1,1 mln dollars

Investment purposes

construction and equipment of the refinement facility

Internal rate of return (IRR)

54%

Payback period including construction term

4 years

CARBON SORBENT PRODUCTION

Krasnoyarsk Region

PRECONDITIONS



- Since 2014 till 2019, the activated charcoal production in Russia has been consistently growing at the CAGR of 12% the global and Russian activated charcoal import is growing
- At an equal pace of CAGR 5%, the potential sales markets of Russia feature high activated charcoal demand currently covered by import (in 2018, the import volume constituted 14.3 thousand tonnes)

PROJECT PROPOSALS



Nanoporous carbon sorbent is a powder-like material produced through activation of charcoal, capable of high-efficiency separation of gas mixes due to the dimensional and sorption effects. Among the production location options, there are:

- Borodinsky, Nazarovsky, Berezovsky mines in Krasnoyarsk Region
- Vostochno-Beysky, Mayrykhsky, Stepnoy, Kirbinsky mines of the Republic of Khakassia
- Kaa-Khemsy and Elegest field in the Republic of Tyva

The company organizes the production (purchase) and storage of bituminous coal, production and distribution of the activated charcoal.

CURRENT STATE



The strategic significance of the project is the following:

- Processing the mineral coals into sorption materials is one of the most promising and modern trends in the non-fuel application of coals
- The product is transferred to oil refineries, thermal power stations, and industrial enterprises of the region, water treatment and filtering facilities

OFFER TO THE INVESTOR



Total volume of finance
2,6 mln dollars

Investment purposes
construction and equipment of the refinement facility

Internal rate of return (IRR)
79%

Payback period including construction term
3 years



APATITE AND PHOSPHORITE FERTILIZER PRODUCTION

Krasnoyarsk Region

PRECONDITIONS



- In the Russian Federation, the phosphate fertilizer production has been consistently growing at the CAGR of 5%
- Being 2-3 times lower than the average Russian use rate, the fertilizer use rate on the potential sales markets manifests the high growth potential for the product
- The main manufacturers are concentrated in the European part of Russia; the market of the Siberian Federal District remains free

PROJECT PROPOSALS



The project involves the arrangement of phosphate production. Among the field options, there are:

- Yesseyskoe and Maganskoe fields (near Khatanga village)
- North area of the First Ore Zone of the Tatarskoe phosphate and niobium field, Severo-Yeniseisk District, Krasnoyarsk Region
- Yuzhno-Gremyakinskaya area, Taymyr Dolgano-Nenets District, Krasnoyarsk Region

In the future, the refinement of ore to the concentrated state is planned. The concentrate is granulated, packed and sealed in big sacks for further distribution as mineral fertilizer.

CURRENT STATE



Idea Initiation Planning Implementation Completion

Strategic significance of the project:

- The project will establish the first production of compound phosphate fertilizers in the regions of Yenisey Siberia in general and in the Trans-Ural region
- The product will be intended to satisfy, first of all, the growing demand of the Yenisey Siberia regions, Siberian, Ural and Volga Federal Districts
- Establishment of a developed chemical fertilizer production facility will create a foundation for further development of the segment in the region

OFFER TO THE INVESTOR



Total finance of the project
194 mln dollars

Investment purposes
construction and equipment of the production facility

Internal rate of return (IRR)
28%

Payback period including construction term
6 years



ESTABLISHMENT OF WALL PANEL PRODUCTION BASED ON MASSIV-HOLZ-MAUER TECHNOLOGY

Krasnoyarsk agglomeration, Krasnoyarsk Region

PRECONDITIONS



- Krasnoyarsk Region has significant forest reserves with the area that makes up for 14% of all Russian forests
- Wood is one of the most demanded materials for construction in the Siberian Federal District
- MHM is a new fast construction technology involving prefabricated house kits. Advantages: eco-friendliness, form stability, competitive price, easy assembly

PROJECT PROPOSALS



The project suggests the establishment of a plant for wood processing and manufacturing complete construction kits using the MASSIV-HOLZ-MAUER technology.

The prefabricated houses are produced by making up the wall panels of dry 24 mm boards of various width, connected crosswise with aluminium nails. The number of board layers can vary.

Then the panels undergo a treatment process at the plant, where the window and window apertures are cut, the electric supply and pipe channels are made.

The project is focused on the market of wooden house construction in the Krasnoyarsk agglomeration, which is currently developing at a consistent rate.

CURRENT STATE



- Market preconditions analysed
- Production line composition and production sequence determined
- Project main technical and economic parameters calculated

OFFER TO THE INVESTOR



Total investment

6,5 mln dollars

Capital planned to be raised

2,2 mln dollars

Investment purposes

acquisition of equipment and production facilities, working capital

Internal rate of return (IRR)

23%

Payback period including construction term

4,2 years

ORIENTED STRAND BOARD PRODUCTION OF UNMERCHANTABLE WOOD

Krasnoyarsk Region

PRECONDITIONS



- Even though the domestic demand for OSB is growing, the production was established only 8 years ago. The global OSB import constituted \$3.37 in 2018
- In Russia, OSB production is concentrated in the European part of the country, and the production volume is stably growing at CAGR 24%
- There is no regional production in SFD and UFD
- Approximately 7 million cubic meters of lumbering waste is produced in Krasnoyarsk Region every year

PROJECT PROPOSALS



The project implies the collection of lumbering wastes in the form of chips and sawdust for the production of OSB panels used in construction and furniture production, to be distributed in the domestic market of Yenisey Siberia and the nearest regions.

One of the possible project locations is Lesosibirsk town of Krasnoyarsk Region, near Timber Processing Plant 1.

Another location option may be the Boguchany Village surroundings, near Kraslesinvest company.

CURRENT STATE



Strategic significance of the project:

- The project will allow creating the first OSB production in the Yenisey Siberia and neighbouring regions
- The product will be intended to satisfy, first of all, the growing demand of the Yenisey Siberia Regions, Siberian, Ural and Volga Federal Districts
- The proximity of the raw materials will reduce the costs and facilitate the import replacement

OFFER TO THE INVESTOR



Total amount of project financing

15,8 mln dollars.

Investment purposes

production facility construction and equipment

Internal rate of return (IRR)

38%

Payback period including construction term

4 years



WOOD AND POLYMER COMPOSITE PRODUCTION

Krasnoyarsk Region

PRECONDITIONS



- In the year 2019, a sudden leap in the wood and polymer composite demand in the Russian Federation market was registered, which caused a doubling of the import and growth of prices by 30%
- The wood and polymer composite production in Russia is concentrated in the European part of the country. The WPC production is growing at CAGR 13%
- Around 7 million cubic meters of lumber processing wastes are produced in Krasnoyarsk Region every year

PROJECT PROPOSALS



The project suggests the construction of a plant for wood and polymer composite products, such as terrace boards, facade beams, WPC steps.

One of the possible project locations is Lesosibirsk town of Krasnoyarsk Region, near Timber Processing Plant 1. Another option is the surroundings of Boguchany village, near Kraslesinvest company.

The production process includes the collection of lumber processing wastes in the form of chips and sawdust, merging them with polymers for WPC production to be further distributed in the domestic market of the Yenisey Siberia and neighbouring districts.

CURRENT STATE



Idea Initiation Planning Implementation Completion

The strategic significance of the project is the following:

- The project will allow creating the first WPC production in the Yenisey Siberia and the neighbouring regions. It would also process the establishment of a completely eco-friendly production of the Timber Processing Plant wastes and the disposal of lumber processing wastes
- The product will be used, first of all, for the replacement of imported goods and satisfaction of the growing demand of the Yenisey Siberia Regions, Siberian, Ural and Volga Federal Districts
- The proximity of the raw materials will reduce the production costs compared to the imported goods, providing, at the same time, a better logistic support service

OFFER TO THE INVESTOR



Total volume of finance
13,4 mln dollars

Investment purposes
production facility construction and equipment

Internal rate of return (IRR)
23%

Payback period including construction term
6 years

PRODUCTION OF SHOCK-FROZEN FRUIT AND BERRIES

Republic of Tyva

PRECONDITIONS



- The global frozen fruit market demonstrates stable growth index of +4.6%
- The Russian Federation beats the global average CAGR of shock-frozen fruit production: in the six years, it reached 39%
- The major share of the market is occupied by manufacturers from Central and Siberian Federal Districts. In Yenisey Siberia, the shock-frozen fruit and berry production is not developed yet

PROJECT PROPOSALS



The project implies the construction of shock-frozen wild-growing fruit and berry (cowberry, sea buckthorn, cranberry, blackberry) production for sales through the retail outlets of Russia and foreign countries.

The company deals with harvesting, processing and packing the wild-growing berries. The berries and fruit are harvested by the local citizens on their own and accumulated in the reception points to be delivered to the processing centre for shock freezing.

The annual fruit and berries production volume constitutes 1.5 thousand tonnes.

The most preferable location would be the city of Kyzyl, attractive both from the labour resources and transport accessibility perspectives.

CURRENT STATE



Idea Initiation Planning Implementation Completion

The strategic significance of the project is the following:

- The project will create a new shock-frozen fruit and berry production facility in the Republic of Tyva to improve the food security of the republic
 - The product will be intended, first of all, to satisfy the growing demand for shock-frozen fruit and berries caused by the universal healthy lifestyle fashion
- Establishment of the company will create additional jobs (90) and
- get the residents of the Republic of Tyva involved in wild-growing berry picking (app. 30 thousand people)

OFFER TO THE INVESTOR



Total volume of finance
1,2 mln dollars

Investment purposes
production facility construction and equipment

Internal rate of return (IRR)
22%

Payback period including construction term
6 лет



ALL-SEASON ECO TOURISM FACILITY CONSTRUCTION

Republic of Khakassia

PRECONDITIONS



- Inbound tourism in Russia is consistently growing at a pace of CAGR 18%
- The greatest domestic tourist flow is registered in the Central, Southern, Volga, and Northwest Federal Districts
- The tourist flow of Khakassia features stable growth at CAGR 17%. The most popular kinds of tourism are cultural and educational, sports and beach tourism
- Khakassia features well-developed alpine skiing facilities; the ethnical tourism with the associated services is a free development domain

PROJECT PROPOSALS



The idea includes the construction of an all-season eco-tourism facility that would provide hotel, sports and wellness services, shooting range services, organize outdoor activities and celebration events.

The facility location options:

- Ust-Abakan village. Typical features: mountainous terrain, the Yenisey River
- Aal Mokhov village. Typical features: Krasnoyarsk Reservoir bank, the Yenisey River
- Dzhirim village featuring the largest horse-breeding facility of the Republic of Khakassia
- Pervomaysky village standing on the Yenisey riverbank

CURRENT STATE



The strategic significance of the project is the following:

- The project will create a sufficient number of new jobs and increase the tax revenue from tourism facilities into the budget
- The project will facilitate the tourism service export (to China). The facility will increase the share of inbound tourism
- The project will improve the quality and competitiveness of the tourism services in the Republic of Khakassia

OFFER TO THE INVESTOR



Total volume of finance

5,5 mln dollars

Investment purposes

construction and equipment of the tourism facility

Internal rate of return (IRR)

48%

Payback period including construction term

4 years





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