



АГЕНТСТВО ИНВЕСТИЦИЙ И РАЗВИТИЯ КЫРГЫЗСТАНА

KADI

KYRGYZ AGENCY OF DEVELOPMENT AND INVESTMENT

PRIORITY INVESTMENT PROJECTS OF THE KYRGYZ REPUBLIC

digital
technologies

agriculture

energetics

tourism

INVESTMENT PROJECTS IN THE SPHERE OF ENERGY



PERSPECTIVE PROJECTS

KAMBARATINSKAYA HPS

Project description:

The dam of Kambaratinskaya HPP-1 is located on the Naryn River. In a V-shaped canyon, 14 km above Kambaratinskaya HPP-2.

Key facts:

Location: Jalal-Abad region

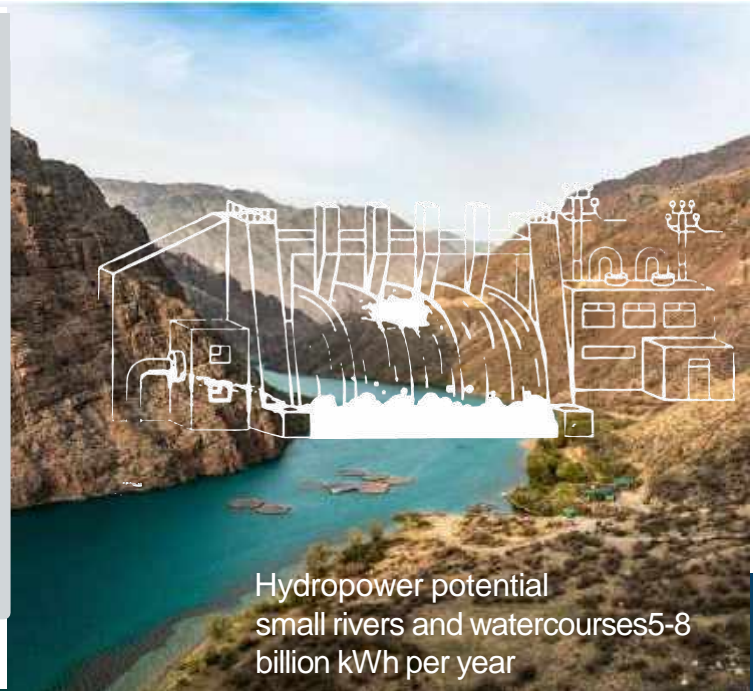
Project cost: **\$2 billion 869 million**

Payback period of the project: 10 years

A feasibility study has been developed (by the Corporation "SNC Lavalin International Inc.")

Allocated land plots with an area of 6318.8 hectares

Construction period of 8 years



Hydropower potential
small rivers and watercourses 5-8
billion kWh per year

PERSPECTIVE PROJECTS

KAZARMAN HPS CASCADE**Project description:**

Construction of the Kazan cascade HPP.
The cascade is located on the section of the Naryn River between the tributaries of the Alabuga River and the Kokomerren.

Key facts:

Location: Jalal-Abad region.
Project cost: \$2 billion.
Construction period: 7 years



PERSPECTIVE PROJECTS

SUUSAMYR-KOKOMEREN HPS CASCADE

SHORT INFORMATION

Financing for the construction of 3 HPPs with a total installed capacity of **1,305 MW with an average annual output of 3,317 million kWh.**

Total project cost: **\$ 3.34 billion**

Place of location and registration of the investment object: Kyrgyz Republic Suusamyр-Kokomerensky HPP cascade (hereinafter - SCC) is located on the Kokomerен river, which is a tributary of the Naryn river.

The catchment area is 10,400 sq km, the length is 199 km. The average height of the pool is 2737 m. The highest monthly average temperature is 39°



PERSPECTIVE PROJECTS

Construction of Chatkal cascade of HPPs

SHORT INFORMATION

Project aim: Financing the project for construction of 2 HPPs with a total installed capacity of 1800 MW with an average annual generation of 2,650 million kWh, including:

- Barkrau HPP - 700 MW;
- Lower Chatkal HPP - 1100 MW

Final results: The volume of the generated power will make up an average annual generation of 2650 million kWh

Total project cost: \$ 1.37 billion

**Plans for the sale of the finished products:
Electricity generation and sales on the
domestic and foreign markets**



PERSPECTIVE PROJECTS

Construction of Kulanak cascade of HPPs

SHORT INFORMATION

Project aim: The investment project provides the construction of 5 hydroelectric power plants with a total installed capacity of 439 MW with an average annual generation of 2667,8 million kWh, including:

- At-Bashi - 135 MW;
- Uchkun - 88 MW;
- Ak-Talaa - 38 MW;
- Dzhilanaryk-1 - 80 MW;
- Dzhilanaryk-2 - 98 MW

Total project cost: \$ 2,78 billion

Project objectives: The implementation will increase the capacity and power generation to cover the growth of loads in the energy system



PERSPECTIVE PROJECTS

Construction of Kazarman cascade of HPPs

SHORT INFORMATION

Project aim: Financing the project for construction of 4 hydro power plants with a total installed capacity of 1160 MW with an average annual generation of 4661.6 million kWh, including:

- Ala-Buka - 600 MW;
- Kara-Bulun -1 - 149 MW;
- Kara-Bulun -2 - 163 MW;
- Toguz Toro - 248 MW

Total project cost: \$ 3,62 billion

Final results: The implementation will increase the capacity and power generation to cover the growth of loads in the energy system



PERSPECTIVE PROJECTS

ORTHO-TOKOYSKAYA SHPS

SHORT INFORMATION

Capacity 20 MW, 2 units of 10 MW each.

Key facts of project:

According to the pre-feasibility study of the project developed by "MERCADOS -ENERGY MARKETS INTERNATIONAL" (the project cost is \$ 23 million).
Location: Kyrgyz Republic, Issyk-Kul region, on the Orto-Tokoy reservoir, on the Chu river.

Project goals:

Implementation will increase power and electricity generation to cover the growth in electricity consumption. The volume of energy generated by the two units for an average long-term period will be with an average annual output of 100 million kWh.

The construction period will be 3 years.

KIROVSKAYA SHPS

SHORT INFORMATION:

Capacity 21 MW, unit capacity 10 MW each
Initiator: Kyrgyz Republic.

Key facts

Location: Talas region
Project cost: 23 million US dollars
Payback period: 10 years

Assistance in the implementation of electricity exports within the framework of the CASA-1000 project (in accordance with the rules of the open access to third parties).



120 POTENTIAL SMALL HPPs

INVESTMENT PROJECTS IN THE SPHERE OF RENEWABLE ENERGY SOURCES



PERSPECTIVE PROJECTS

«TOPURAK-BEL - 1»

Short information:

Construction of a wind farm with a total capacity of 100 MW (the first stage is 40 MW.)

Initiator: Kyrgyz Wind System LLC

Key facts of project:

Power: 100 MW
Sales volume: 525,000 MW / year



PERSPECTIVE PROJECTS

SHORT INFORMATION

Construction of high-rise grid solar power plants in the Kyrgyz Republic for the sale of electricity to the centralized grid without intermediate accumulation
Initiator: Bishkek Solar LLC

Key facts

Power from 1 hectare = 2.5 MW
Investments per hectare = \$ 1.5 million (1 MW = \$ 595,000)
Annual electricity generation from 1 hectare = 180,000 MWh based on 300 working days
Payback per year from 1 hectare = + \$ 2.8 million
The number of solar modules per hectare = 7,142 pcs.
Service life: more than 25 years
Project cost: **\$ 1.5 million**



INFRASTRUCTURAL PROJECTS



PERSPECTIVE PROJECTS

CONSTRUCTION OF THE BALYKCHY - KOCHKOR - KARA-KECHE RAILWAY

Description of project:

Under this project, a Memorandum of Cooperation was signed with Engineering Corporation No.3 China Railways.

Key facts of project:

In accordance with the Memorandum, the parties intend to cooperate to achieve the objectives of the projects, including financing, design, procurement, construction, and operation and maintenance of subsequent construction assets.

Based on a review of submissions and information, Engineering Corporation No.3 China Railways will submit its proposals for the implementation of the **BALYKCHY - KOCHKOR - KARA-KECHE** project, including technical solutions, construction costs, and a financing model.

Project cost: US \$ 800 million



PERSPECTIVE PROJECTS

Electrification of the Turksib - Balykchy railway section

PROJECT DESCRIPTION

The Lugovaya-Balykchy railroad section is the main transportation artery linking Kyrgyzstan with Kazakhstan and other countries

Total project cost: from \$220 to \$300 million

The Lugovaya-Balykchy section belongs to the northern railroad network of Kyrgyzstan. Through the Lugovaya station, Bishkek can be connected to cities in neighboring countries, such as Almaty, Tashkent, Astana, Istanbul, Tehran, Moscow, and others.

The beginning of the route is the Lugovaya Station (Zhambyl Oblast of Kazakhstan), located on the 2x25 kV 2x25 kV electrified Chu-Arys railroad. The terminus of the route exits to Lake Issyk-Kul



PERSPECTIVE PROJECTS

RECONSTRUCTION OF THE BISHKEK BYPASS ROAD

Description of project:

This road is one of the most important transport corridors in the Kyrgyz Republic. It provides access from Bishkek to neighboring Kazakhstan (Almaty) and a bypass road to Tashkent (Uzbekistan) and the southern regions of Kyrgyzstan. The project feasibility study is based on the principles and provisions justified in the creation of an international transit corridor, the development of which will increase the transit potential of the country, simplify the movement of goods and passengers between Kyrgyzstan, Kazakhstan, Uzbekistan.

Key facts of project:

- The total length is 33.4 km. The project consists of 2 sections:
- Section 1. Reconstruction of the road Alma-Ata-Bishkek-Tashkent km 230+735 - km 255+022 with the length of 24.3 km.
 - Section 2: Reconstruction of Bishkek-Naryn-Torugart road km 0 - km 9.1 with length of 9 km.

Project cost: US \$ 45,6 million



PERSPECTIVE PROJECTS

**CONSTRUCTION OF A TUNNEL ON
THE TOO-ASHUU PASS****Description of project:**

The Bishkek-Osh highway, 672 km long, is the only communication route between the northern and southern regions of the country and is strategically important. This road is part of an international transport corridor. At the 129th kilometer. Construction of this tunnel along the Bishkek-Osh highway at an altitude of 2,200 meters above sea level, which is 1,000 meters below the existing tunnel of K. Kolbaev, will provide the Kyrgyz Republic with an alternative road tunnel with a higher capacity.

Key facts of project:

Public partner: Ministry of Transport and Communications of the Kyrgyz Republic

Location: Zhayil district, Chui region

Agreement term: 30 years

Payback period: 15 years

Markets: Kyrgyzstan and foreign countries

Project cost: US \$ 300 million



PERSPECTIVE PROJECTS

Tokmok-Shamshy-Kochkor Road Construction (Toll Road)

PUBLIC-PRIVATE PARTNERSHIP PROJECT

Description of project:

According to the results of the preliminary survey for the construction of the road will require additional:

- Reconstruction of 50 km of the existing road;
- Construction of 64 km of new road, including about 34 km of serpentine construction in difficult terrain and 30 km is a trail only 3.5 km wide;
- Construction of a 3,500-meter tunnel.

Project cost: \$ 285 million

Key facts of project:

The implementation of the project will reduce the distance from the Kara-Keche coal field to Bishkek by 80 km, and relieve the traffic flow in the Boom Gorge on the Bishkek - Naryn - Torugart road



PERSPECTIVE PROJECTS

Construction of the "Bishkek-Kuntuu-Belogorka-Suusamyr" road

PUBLIC-PRIVATE PARTNERSHIP PROJECT

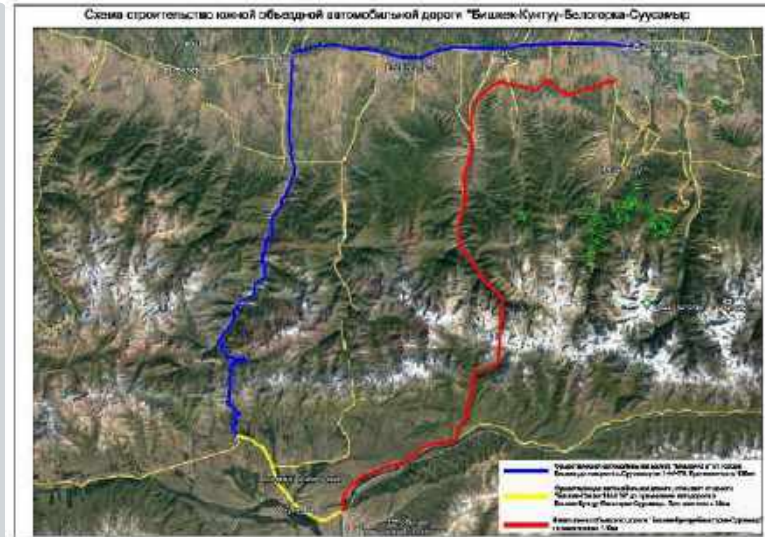
Description of project:

Construction of the road with the construction of a tunnel 6 km long, provides for the construction and reconstruction of existing roads, as well as new construction over a length of about 110 km

Project cost: \$ 393,5 million

Expected results of the project:

- Revenue generation;
- Reduction of transportation routes;
- Providing access to the Kara-Keche coal, Minkush uranium and Makmal gold deposits under development;
- Create conditions for the convenient and rapid transit of freight and passengers;
- Reduce the length of the road from Bishkek to Osh by 140km



PERSPECTIVE PROJECTS

Construction of the Uch-Korgon - Daroot-Korgon road of state significance

Description of project:

The Uch-Korgon - Daroot-Korgon road connection (with overcoming the Tenizbay pass through the Alay Ridge, the height of which exceeds 3,816 m) is about 120 km long and consists of several sections. It is necessary to reconstruct the road under III-technical category with the capital type of pavement

Variants of implementation:

1-variant: length of 120 km along the existing road with reconstruction under III-technical category.

2-variant: length 103 km on the existing road with reconstruction under III-technical category with construction of tunnel through Tenizbay pass Expected results of the project:



PERSPECTIVE PROJECTS

Investing in Air Kyrgyzstan OJSC

PROJECT AIM

Increase the authorized capital of Air Kyrgyzstan OJSC by \$5.8 mln by issuing additional shares. After the sale of 51% shares of Air Kyrgyzstan OJSC, the share of the Cabinet of Ministers of the Kyrgyz Republic will be 49%, the share of the investor - 51%

Total project cost: \$ 200 million

"Air Kyrgyzstan" - Kyrgyz airline, the main activity of which is the performance of regular and irregular passenger flights on domestic and international routes

Objective: Attract potential investors to expand the aircraft fleet, resume suspended medium-haul flights, and open new long-haul routes



PERSPECTIVE PROJECTS

RECONSTRUCTION OF THE KARAKOL AIRPORT

In order to develop the tourism potential of the Issyk-Kul region and the ski cluster, “Manas International Airport” JSC plans to implement the following projects at Karakol International Airport:

- reconstruction of airfield elements;
- construction of new building of air terminal complex.

The total cost of the project is tentatively \$8 million.

Considering the fact that ski tourism is very popular in the Issyk-Kul region of the Kyrgyz Republic due to the high level of resort centers, improvement of infrastructure in the Karakol International Airport is necessary for further development of the region and attraction of tourists



PERSPECTIVE PROJECTS

Batken International Airport

SHORT INFORMATION

Batken Airport is located 600 m southeast of Batken city and 184 km from Osh airfield

The airfield has **one asphalt concrete artificial runway of 1800x35m**. The airport has an airport terminal, designed to serve flights of domestic airlines

Types of aircrafts in operation: The airfield can regularly operate aircrafts such as BAE-146-200, Yak-40, An-2, An-26, An-28 and their analogues, as well as helicopters of all types.

At present, the Batken airport operates flights twice a week on the RJ-85 aircraft by TezJet Airlines



PERSPECTIVE PROJECTS

COMPLETE MODERNIZATION OF “ISFANA” AIRPORT

Description of project:

“Isfana” airport is located 3 km east of Isfana and 280 km from “Osh” airfield. “Isfana” airfield belongs to the airfield class “ZS” and is located at an altitude of 1410 m above sea level. The aerodrome has one asphalt-concrete artificial runway of 1700x35 m. The airport has an airport terminal, designed to serve flights of domestic airlines.

Key facts of project:

Isfana airfield is certified and approved by the State Civil Aviation Agency under the Ministry of Transport and Communications of the Kyrgyz Republic to operate in daylight hours according to the established minimums.

At present, there are regular flights to Isfana Airport, three times a week, by TezJet airline on the RJ-85 aircraft.

Project cost: US \$ 5 million



INVESTMENT PROJECTS IN TOURISM SECTOR



PERSPECTIVE PROJECTS

Construction of the Kayirma Aryk ski resort

SHORT INFORMATION

The plan is to create a widely accessible, year-round mountain resort of international class, which will provide an opportunity for all-season recreation and recreation residents of Kyrgyzstan and visitors from near and far abroad

Total project cost: \$ 175 million

The land is transformed for the implementation of the Project. The resort implies comfortable accommodation and high quality service from 5,000 to 6,500 visitors at a time

The resort includes services of year-round active recreation, a hotel complex of various categories (from economy class to 5 *), catering, recreation and business facilities



PERPECTIVE PROJECTS

Reconstruction and modernization program of the sanatorium "ISSYK-KUL AURORA"

Description:

The implementation of the project will increase the level of development of the tourism industry, social, cultural and economic factors and the external attractiveness of the country that receives foreign tourists and develops external tourism.

Key facts of project:

Location:

Kyrgyz Republic, Issyk-Kul region, village Bulan-Sogottu

Project cost:

According to the preliminary feasibility study of the project developed by the State Property Management Fund under the Government of the Kyrgyz Republic/ State Enterprise "Issyk-Kul Aurora Sanatorium"

Project cost : 60 million US dollars



PERSPECTIVE PROJECTS

CONSTRUCTION SKI BASE «KARKYRA»

Description of project:

The planned level of demand for the services of the ski resort will be about 8 thousand people per season. A further increase in demand to **15 thousand people** will be achieved within the first 3 years.

The investment in the project will fully **pay off in 3 years**.

There is access to infrastructure.

Key facts of project:

- **The net profit of the first year will be 127 thousand US dollars**
- **Own attachments (assets): Land plot**
- Number of jobs: 120
- The term of self-justification: 3 years

Project cost: US \$ 18 million



PERSPECTIVE PROJECTS

“EKI-CHAT” CABLE ROAD CONSTRUCTION PROJECT

Description of project:

Total area of the land plot - **2.0 hectares**.

The project has a business plan.

The location is the most resort area in the country.

The flow of tourists per year up to 1.0 million people.

The length of the cable car is 10 km.

The project has no analogues in Kyrgyzstan.

Key facts of project:

Seasonality: All year round

Own attachments: Land plot

Workplaces: 200

Payback period: 8 years

Project cost: US \$ 25 million



PERPECTIVE PROJECTS

Construction of the ski base "KYRCHYN"

Description:

The implementation of the project will increase the level of development of the tourism industry, social, cultural and economic factors and the external attractiveness of the country hosting foreign tourists and developing external tourism.

Key facts of project:

There is infrastructure (electricity, highway, clean mountain water)

Land: 5 hectares

72 km. from the international airport

The duration of the season is 5 months

Proximity to the resort and recreational facilities of Issyk-Kul district

Project cost: US\$ 100 million



PERSPECTIVE PROJECTS

CONSTRUCTION SKI BASE «KEREGE-TASH»

Description of project:

The total area of the resort center is **185 hectares**.

Access to clean mountain water.

Proximity to the resort and recreational facilities of the Issyk-Kul region.

4 seasons: in winter - ski slopes, in summer - sports and entertainment center.

The project has a feasibility study.

Key facts of project:

Seasonality: All year round

Own attachments: Land plot

Workplaces: 200

Payback period: 7 years

Project cost: US \$ 45 million



PERSPECTIVE PROJECTS

SKY BASE CONSTRUCTION PROJECT “HEAVENLY VALLEY”

Description of project:

The total area of the land plot - **200.0 hectares.**

Nearby is 10 kW power line.

Maximum slope 56 degrees.

Close proximity to the city (7km).

Length of slopes from 1.2 km to 12 km.

Number of lifts – 3.

The opportunity to develop eco tourism, mountaineering.

The project involves the construction of the Rodelbahn slides.

Key facts of project:

Seasonality: All year round

Workplaces: 200

Payback period: 3 years

Project cost: US \$ 30 million



PERSPECTIVE PROJECTS

CREATION OF THE “TOO-JAILOO” SKI CLUSTER

Description of project:

The project is expected to create a widely accessible high-level mountain resort in Too-Jailoo tract in the Leilek district. As part of the cluster will include the construction of 3 ski resorts. The ski resort will be aimed at the local market, as well as sportsmen from near and far abroad, in particular from Uzbekistan and Tajikistan.

The following sports will be available within the cluster sports: skiing, snowboarding, snow snowmobiling, cross-country skiing, figure skating, ice hockey, etc.

Key facts of project:

The resort implies accommodation and services from 200 to 500 visitors at a time. The resort includes services of active recreation, economy class hotel complex, catering, recreation and business facilities (conference halls, business centers, congress halls).

Project cost: US \$ 200 million



INVESTMENT PROJECTS IN AGRICULTURAL SECTOR



PERSPECTIVE PROJECTS

The launch of an advanced meat processing plant

SHORT INFORMATION

The project involves the launch of an advanced and modern meat processing plant in the Issyk-Kul region. At the moment the meat processing plant is at the stage of completion

Total project cost: \$ 3,3 million. The initiators of the Project are three successful entrepreneurs (“Dordoi Balykchy” Ltd.)

Capacity of the meat processing plant is 100 cattle and 1000 head of cattle per shift.

The company involves the following stages: processing waste, launching a sausage shop, launching a canning shop, launching cattle fattening farms in several parts of Kyrgyzstan, production of hydroponic green fodder for fattening farms



PERSPECTIVE PROJECTS

CONSTRUCTION OF A SUGAR FACTORY

Description of project:

OJSC "Ak-Suu Vita" is a former corn-processing sugar plant founded in 1980. The total area occupied by the plant is 80 hectares, with sugar production and corn processing facilities with all auxiliary structures located there.

Key facts of project:

- capacity 900 tons per day of raw sugar processing
- warehouses for sugar production with a capacity of 20,000 tons for raw sugar and 15,000 tons for white sugar with an area of 3640 sq. m.
- Corn processing facility with a capacity of 620 tons of corn per day

Project cost: US\$ 12 million



INVESTMENT PROJECTS IN LIGHT MANUFACTURING



PERSPECTIVE PROJECTS

Creation of a Technopolis for textile and apparel production

SHORT INFORMATION

To association "Legprom" of the Kyrgyz Republic was given a land plot of 40 hectares in the Chui region

Total project cost: \$ 45 million

The implementation of the project involves market diversification, as it will be possible to introduce international standards in the production, to receive orders of the world's brands, to ensure the transparency of accounting of the processed volumes of raw materials and concentrate production capacity to produce large orders

Implementation of the project "Technopolis" will contribute to an increase in production volumes of textile and clothing enterprises by more than 30% (about 2.5 billion soms). About 10 thousand jobs will be created



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