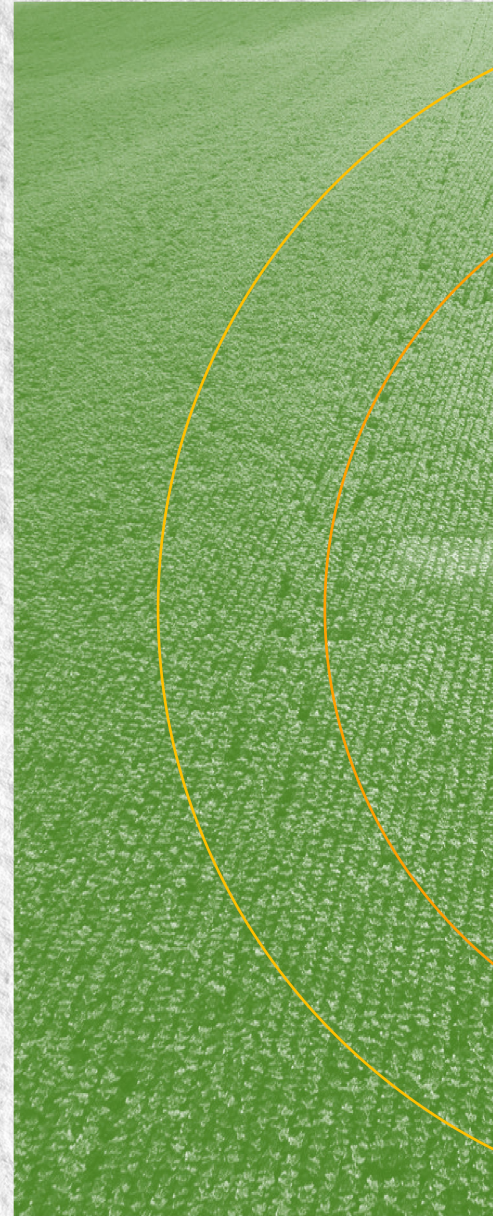




*Investment projects
of Zhambyl region,*
REQUIRING FINANCING



THE AGRO- INDUSTRIAL COMPLEX





CONSTRUCTION OF POULTRY FARMS



COST OF THE PROJECT:
\$4.4 MILLION



PRODUCTION PRODUCTS:
chicken meat (carcasses, fillets, offal),
chicken eggs (table eggs, food)



PROJECT CAPACITY:
1 million poultry heads
per year



SALES MARKET:
meat processing plants, supermarkets
and
Retail stores, cafes and restaurants

SCOPE OF APPLICATION:

Poultry farming provides meat, eggs, fluff, feathers, and organic fertilizers (litter). Of the farm birds, the most common are chickens, turkeys, geese, and ducks. The breeding of guinea fowl, quails, and ostriches is becoming increasingly developed. The most important productive quality of poultry is egg production.

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: The main technological links of poultry farms are production workshops: parent flock, egg incubation, rearing young animals, industrial flock of laying hens, poultry fattening, egg sorting and packaging, poultry slaughter and processing

EQUIPMENT: cage batteries for poultry keeping, poultry slaughter and cutting lines, egg sorting machines, incubators

STAFF: veterinarians, livestock specialists, ornithologists, production line operators

FINANCIAL PLAN:



INVESTMENTS:
\$4.4 million



REVENUE:
\$6.6 million/year



NET PROFIT:
\$666.6 thousand/year

PAYBACK PERIOD: 6

PROCESSING OF GRAIN CROPS



COST OF THE PROJECT:
\$2,2 MILLION



PRODUCTION PRODUCTS:
wheat and rye flour of the highest, first and second grades, cereals (buckwheat, oatmeal, rice, wheat), mixed feed for various types of animals, bran, grain fodder



PROJECT CAPACITY:
100 thousand tons per year



SALES MARKET:
enterprises of the baking industry, enterprises for the production of pasta, enterprises for the production of cereals, livestock farms

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: the technology of grain processing into cereals contains the stages of mechanical purification of grain from impurities, removal of fruit and seed shells from the surface of the kernel during peeling and grinding of grain mass and separation of grinding products into whole grits, crushed grits, flour and flour

EQUIPMENT: grain cleaning equipment, mills, grain crushing machines, presses for the production of mixed feeds

STAFF: technologists, engineers, laboratory workers, movers

FINANCIAL PLAN:



INVESTMENTS:
\$2.2 million



REVENUE:
\$3.3 million per year



NET PROFIT:
\$ 444.4 thousand per year

PAYBACK PERIOD: 5

SCOPE OF APPLICATION:

The main purpose of the culture is to obtain flour and produce bread, cereals and pasta from it. The use of a grain ventilation system with floor pipes makes it possible both in small and large farms to keep grain in the right conditions

MEAT PROCESSING PLANT



COST OF THE PROJECT:
\$11.1 million



PRODUCTION PRODUCTS:
fresh meat (chilled, frozen), semi-finished products (minced meat, cutlets, dumplings, sausages), sausages (boiled, smoked, dry-cured), delicacies (ham, rolls, brisket)



PROJECT CAPACITY:
100 tons per day



SALES MARKET:
retail trade enterprises, catering establishments, restaurants and cafes

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: slaughter, preparation of raw materials, making minced meat, forming a loaf, heat treatment, souling, expedition

EQUIPMENT: slaughter lines, meat processing lines, refrigeration chambers, smoking chambers, equipment for the production of sausages

STAFF: technologists, engineers, butchers, laboratory workers

FINANCIAL PLAN:



INVESTMENTS:
\$11.1 million



REVENUE:
\$22.2 million per year



NET PROFIT:
\$ 3.3 million per year

PAYBACK PERIOD: 4 years

SCOPE OF APPLICATION:

Meat products include meat, offal, meat and meat-containing meat products, meat and meat-containing sausages, meat and meat-containing semi-finished products, culinary products. meat and meat-containing canned food

CONSTRUCTION OF ENTERPRISES FOR DRYING VEGETABLES AND

 **COST OF THE PROJECT:**
\$6,6 million



PRODUCTION PRODUCTS:
dried vegetables and fruits, vegetable and fruit purees, direct pressed juices



PROJECT CAPACITY:
20 thousand tons per year



SALES MARKET:
food industry enterprises, retail chains, supermarkets, restaurants

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: fruit and vegetable processing – sorting, washing, cleaning, slicing, freezing, drying, packing

EQUIPMENT: fruit and vegetable processing lines, drying chambers, mashed potatoes production equipment, juice production equipment

RAW MATERIALS: fruit and vegetables

STAFF: technologists, engineers, production workers, laboratory workers

FINANCIAL PLAN:



INVESTMENTS:
\$6.6 million



REVENUE:
\$13.3 million per year



NET PROFIT:
\$ 2,6 million per year

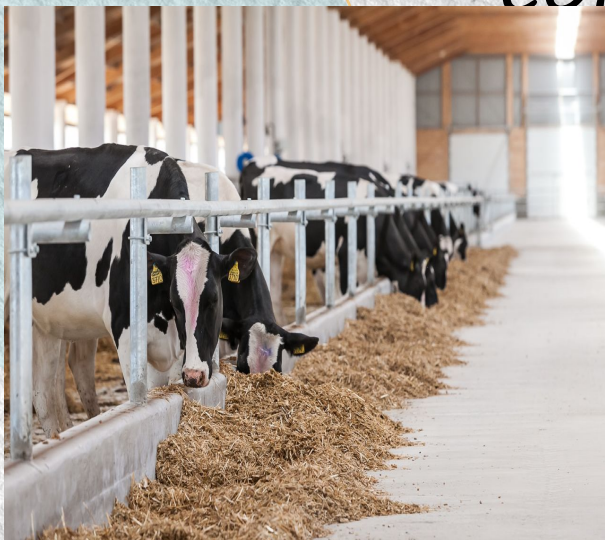
PAYBACK PERIOD: 5 years

SCOPE OF APPLICATION:

Переработка овощей и фруктов включает производство концентратов, фруктовых соков, пюре, сухофруктов, пресервов (джемов, мармелада, консервов, соусов, солений и маринадов) и пастилы. Овощи перерабатывают (консервируют) в течение 7–10 часов после уборки



CONSTRUCTION OF DAIRY FARMS FOR 1200 HEADS



SCOPE OF APPLICATION:

Dairy farming (dairy farm) is an agro-industrial enterprise that produces raw milk, mainly from dairy cows, as well as from goats, sheep, horses, camels and some other farm animals



COST OF THE PROJECT:
\$2,6 million



PRODUCTION PRODUCTS :
meat, milk



PLACE OF IMPLEMENTATION:
Merken district



PROJECT CAPACITY:
1,200 heads - 3000-4000 tons of milk



SALES MARKET:
dairy farms, meat processing plants. the launch of a dairy farm will increase the workload of the Merken cheese factory by 60%.

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: design of livestock complexes and related facilities, construction and reconstruction of livestock and related facilities, production of building structures, supply and installation of equipment for dairy complexes

EQUIPMENT: The necessary equipment will be purchased from domestic and foreign manufacturers

RAW MATERIALS: animal feed, veterinary drugs

STAFF: qualified personnel will be attracted to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$2,6 million



REVENUE:
\$5,2 million per year



NET PROFIT:
\$798 thousand per year

PAYBACK PERIOD: 7 years



CONSTRUCTION OF GREENHOUSES ON 110 HECTARES



COST OF THE PROJECT:
\$11 million



PRODUCTION PRODUCTS :
vegetables



МЕСТО РЕАЛИЗАЦИИ:
Baizak, Zhambyl, Kordai, Shu, Merken districts, T. Ryskulov district



PROJECT CAPACITY:
110 hectares



SALES MARKET:
within the Republic of Kazakhstan, export

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: pouring the foundation is the first stage, which ensures the stability of the entire structure. Making the frame - at this stage the foundation of the future greenhouse is created. Installation of polycarbonate sheets - after manufacturing the frame, polycarbonate sheets are mounted on it, which provide transparency and protection from external conditions. Installation of windows and doors, as well as a heating system, is the last stage that ensures the functionality of the greenhouse.

EQUIPMENT: системы отопления, системы освещения, системы полива, техника для уборки урожая

RAW MATERIALS: seeds, fertilizers, plant protection products

STAFF: qualified personnel will be attracted to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$11 million



REVENUE:
\$22 million per year



NET PROFIT:
\$4,4 million per year

PAYBACK PERIOD: 5 years

SCOPE OF APPLICATION:

Greenhouses are structures that are used to protect plants from bad weather. They can be used to grow a variety of crops such as vegetables, fruits, flowers and herbs. Greenhouses can be built from a variety of materials, including glass, plastic and wood.



PRODUCTION OF MEAT AND BONE MEAL



COST OF THE PROJECT:
\$665 000



PRODUCTION PRODUCTS:
meat and bone meal



SALES MARKET:
feed manufacturers, poultry farms, animal farms



PROJECT CAPACITY:
A production line with a capacity of 1 ton per hour, when working 8 hours a day, can produce 8 tons per day or 2,920 tons per year

PRODUCTION PLAN:

SCOPE OF APPLICATION:

Meat and bone meal is widely used as a fertilizer for plants in the open ground. The effect of this fertilizer is quite slow. However, its advantage is that meat and bone meal consists of organic and mineral substances and is a natural fertilizer. It is very popular in organic gardening. Meat and bone meal is included in the diet of poultry, pigs, young farm animals to improve the protein balance of the diet. It is also included in compound feeds and pet

PRODUCTION TECHNOLOGY: collection and sorting, heat treatment, grinding and packaging, degreasing, extrusion

EQUIPMENT: livestock waste processing lines, drying plants, shredders, other equipment

STAFF: technologists, machine operators, other workers

FINANCIAL PLAN:



INVESTMENTS:
\$665 thousand



REVENUE:
\$1,3 million per year



NET PROFIT:
\$266 thousand per year

PAYBACK PERIOD: 4 years

FRUIT AND VEGETABLE PROCESSING INDUSTRY



COST OF THE PROJECT:
\$20 million



PRODUCTION PRODUCTS:
fruit juices, purees, dried fruits, preserves (jams, canned food, pickles and marinades)



PROJECT CAPACITY:
15,000 tons/month



SALES MARKET:
the food market in Kazakhstan, Russia, the CIS countries, as well as far abroad

SCOPE OF APPLICATION:

Fruit and vegetable processing includes the production of concentrates, fruit juices, purees, dried fruits, preserves (jams, marmalade, canned food, sauces, pickles and marinades) and pastilles. Vegetables are processed (canned) within 7-10 hours after harvesting

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: processing of fruits and vegetables – sorting, washing, cleaning, slicing, freezing, canning, drying, packaging

EQUIPMENT: sorting lines, washing plants, cleaning plants, cutting machines, freezing plants, canning lines, drying plants, packaging lines

RAW MATERIALS: fruits, vegetables, sugar, salt, etc.

STAFF: Qualified personnel, operators, engineers, and laboratory assistants will be recruited to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$20 million



REVENUE:
\$40 million per year



NET PROFIT:
\$10 million per year

PAYBACK PERIOD: 5 years

PRODUCTION OF COMPOUND FEED



COST OF THE PROJECT:
\$1,1 million



PROJECT CAPACITY:
10 thousand tons per month



PRODUCTION PRODUCTS:

compound feeds for different types of animals (chicken, pork, cattle), premixes and feed additives



SALES MARKET:

farms, livestock complexes, fish farming enterprises

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: reception, quality control and storage of raw materials, moisture-thermal treatment, cleaning and grinding of ingredients, preparation of a mixture with additives, mixing of the main feed with additives, dosing of feed in accordance with requirements, granulation or briquetting

EQUIPMENT: granulation lines, mixers, grinders, raw material storage systems, quality control EQUIPMENT

STAFF: technologists, laboratory technicians, production line operators, repair technicians

FINANCIAL PLAN:



INVESTMENTS:

\$1,1 million



REVENUE:

1,5 million per year



NET PROFIT:

222,2 thousand per year

PAYBACK

PERIOD: 5

SCOPE OF APPLICATION:

Combined feed is a mixture of grain raw materials, products with a high protein content, vitamins and trace elements for animal feeding.



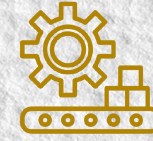
PRODUCTION OF HONEY AND OTHERS MEDICINAL PRODUCTS



COST OF THE PROJECT:
\$45 thousand



PROJECT CAPACITY:
50 tons per year



PRODUCTION PRODUCTS:

flower honey, lime, buckwheat and other varieties, perga, propolis, royal jelly, flower pollen, honey processing products (honey balms, pills)



SALES MARKET:

health food stores, pharmaceutical companies, sanatoriums and boarding houses

PRODUCTION PLAN:

SCOPE OF APPLICATION:

Nowadays honey is widely used in cooking, cosmetology and medicine, and is also a useful and tasty sugar substitute. Natural honey is rich in simple, easily digestible monosaccharides – glucose and fructose – which quickly enter the bloodstream and replenish the body's energy reserves

PRODUCTION TECHNOLOGY: acquisition of bee colonies, foraging, provision of bees with veterinary services

STAFF: beekeepers, technologies for processing products

FINANCIAL PLAN:



INVESTMENTS:
\$45 thousand



REVENUE:
\$66,6 thousand per

year
PAYBACK

PERIOD: 4



NET PROFIT:
\$22,2 thousand per
year

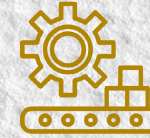
CONSTRUCTION OF THE ENTERPRISE FISHERIES MANAGEMENT

1

3



COST OF THE PROJECT:
\$223 thousand



PRODUCTION PRODUCTS:
fish



PROJECT CAPACITY:
up to 1 thousand tons of fish per year



SALES MARKET:
fish shops and markets, restaurants and cafes, fish processing enterprises

PRODUCTION PLAN:

SCOPE OF APPLICATION:

Fisheries — types of activities related to fishing and conservation of aquatic biological resources, production and sale of fish and other products from aquatic biological resources. Fish farming is a branch of agriculture engaged in fish breeding, improvement and increase of fish stocks in reservoirs

PRODUCTION TECHNOLOGY: purchase of fry or larvae of fish, cultivation of commercial fish

STAFF: ichthyologists, fish farmers, locksmiths

FINANCIAL PLAN:



INVESTMENTS:
\$223 thousand



REVENUE:
\$333,3 thousand per year



NET PROFIT:
\$66,6 thousand per year

PAYBACK

PERIOD: 6

GELATINE PRODUCTION

1
4



COST OF THE PROJECT:
\$10 million



PRODUCTION PRODUCTS:
gelatin for the manufacture of food, pharmaceutical, medicinal capsules



PROJECT CAPACITY:
360,000 kg/month



SALES MARKET:
gelatin market in Kazakhstan, Russia, CIS countries, as well as abroad

SCOPE OF APPLICATION:

Gelatin has a wide range of uses in the food industry – it is used in the production of marmalade, caramel, canned meat and fish, sauces, soups, as well as many other products

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: gelatin production consists of processes – preparation of raw materials, acid or alkaline extraction, purification, drying, grinding

EQUIPMENT: reactors, filters, drying plants, shredders, other equipment

RAW MATERIALS: collagen-containing raw materials (bones, skins, veins), chemicals

STAFF: qualified personnel will be attracted to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$10 million



REVENUE:
\$20 million per year



NET PROFIT:
\$5 million per year

PAYBACK PERIOD: 4 years



PRODUCTION OF VEGETABLE OIL



COST OF THE PROJECT:
\$25 million



PRODUCTION PRODUCTS:
vegetable oil



PROJECT CAPACITY:
50,000 tons/month



SALES MARKET:
the food market in Kazakhstan, Russia, the CIS countries, as well as far abroad

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: vegetable oil production – purification, refining, deodorization, packaging

EQUIPMENT: cleaning plants, radiation plants, deodorizing plants, packing lines, storage tanks, thickeners, sterilizers, coolers

RAW MATERIALS: oilseeds, other materials

STAFF: qualified personnel, operators, engineers, and laboratory assistants will be involved to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$25 million



REVENUE:
\$50 million per year



NET PROFIT:
\$12,5 per year

PAYBACK PERIOD: 5 years

SCOPE OF APPLICATION:

Oilseeds are intended for the production of vegetable oil. Sunflower, safflower, castor oil, rapeseed, surepica, ginger, sesame, lallemantium, perilla are cultivated only for seed production. Cotton, flax, hemp, kenaf, and kendyr are cultivated to produce fiber. And oil is obtained from their fat-rich seeds.

PRODUCTION OF REFINED SALT

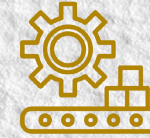


SCOPE OF APPLICATION:

Salt is used daily as a seasoning for dishes. Table salt has preservative properties. In addition, it is used in the leather or glass industry. An aqueous solution of sodium chloride is a so-called saline solution that finds application in pharmacy and medicine.



COST OF THE PROJECT:
\$332 000



PRODUCTION PRODUCTS:
refined iodized and non-iodized food salt, salt for the food industry, salt for technical purposes



PROJECT CAPACITY:
50,000 tons of salt per year



SALES MARKET:
45% of the products are distributed throughout Kazakhstan through distributors, 45% goes to Russia, the remaining 10% is exported to Azerbaijan, Georgia, Uzbekistan, as well as to Kyrgyzstan

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: modern production technology that ensures high quality products. an automated production line that minimizes the influence of the human factor. multi-stage quality control at all stages of production

EQUIPMENT: salt crushing and grinding lines, salt iodization lines, salt packing lines, other equipment

STAFF: technologists, equipment operators, other employees

FINANCIAL PLAN:



INVESTMENTS:
\$332 thousand



REVENUE:
\$665 thousand per



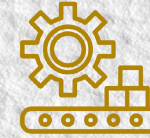
NET PROFIT:
\$133 thousand per year

year
PAYBACK PERIOD: 2,5 years

PRODUCTION OF SAFFLOWER OIL



COST OF THE PROJECT:
\$4,4 million



PRODUCTION PRODUCTS:
refined safflower oil, unrefined safflower oil, safflower cake



PROJECT CAPACITY:
10,000 tons/year



SALES MARKET:
food industry, pharmaceutical industry, agriculture

SCOPE OF APPLICATION:

Safflower is used as a seasoning for dishes, tea dressings and infusions. The seeds will emphasize the taste of side dishes, legumes, fish and meat dishes, pilaf, salads, and go well with nuts.

Valuable safflower oil is squeezed from the seeds. Safflower flowers are considered among the population as an effective remedy for allergies. In Chinese folk medicine, safflower flowers, in the form of decoctions, are used in the treatment of amenorrhea, endometritis, adnexitis, pneumonia, insomnia

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: Safflower oil production can be carried out in two ways: pressing, pre-pressing + solvent extraction

EQUIPMENT: safflower seed processing line, oil pressing equipment, oil refining equipment, oil packing equipment

STAFF: qualified personnel, technologists, engineers, laboratory assistants will be involved to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$4,4 million



REVENUE:
\$8,8 million per year



NET PROFIT:
\$1,7 million per year

PAYBACK PERIOD: 4 years



PRODUCTION OF **SOFT DRINKS**



COST OF THE PROJECT:
\$2,2 million



PRODUCTION PRODUCTS:
carbonated drinks (lemonades, cola, sprite), non-carbonated drinks (juices, water)



PROJECT CAPACITY:
up to 1 million liters per month



SALES MARKET:
retail outlets, catering establishments, restaurants and cafes

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: feeding the finished composition into a blending vessel; sweetening the finished mixture by adding syrup; adding gas and cooling the drink; bottling soft drinks

EQUIPMENT: beverage filling lines, water filtration systems, packaging machines, quality control equipment

STAFF: technologists, laboratory technicians, filling line operators, repair technicians

FINANCIAL PLAN:



INVESTMENTS:
\$2,2 million



REVENUE:
\$3,3 million per year



NET PROFIT:
\$444,4 thousand per year

PAYBACK PERIOD: 4 years

SCOPE OF APPLICATION:

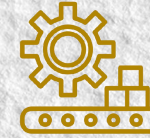
Soft drinks include various types of lemonades, juices, nectars, and other types of products. According to their characteristics and consumer properties, drinks belong to food products. This means that these products must be checked for quality and safety before being put into circulation



CONSTRUCTION OF A TOMATO PROCESSING PLANT



COST OF THE PROJECT:
\$2,2 million



PRODUCTION PRODUCTS:
tomato paste, ketchup, tomato juice, tomato puree, concentrated tomato juice



PROJECT CAPACITY:
1400 tons per day



SALES MARKET:
food industry enterprises, retail chains, export markets (CIS, Asian countries)

SCOPE OF APPLICATION:

Tomatoes are consumed fresh or processed. Their processed products (such as tomato paste, tomato sauce, canned and dried tomatoes, ketchup, pastes, juices, purees, soups and salads) also contain various carotenoids

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: tomato paste is prepared from ripe tomatoes by rubbing and boiling them to a concentrated mass, with a dry matter content of 25 to 40%. When the product consists of 12-20% of dry matter, it is tomato puree

EQUIPMENT: tomato sorting and washing lines, crushers, juice extraction presses, vacuum cookers, packaging machines, quality control equipment

STAFF: technologists, laboratory technicians, production line operators, repair technicians

FINANCIAL PLAN:



INVESTMENTS:
\$2,2 million



REVENUE:
\$3,3 million per year



NET PROFIT:
\$444,4 thousand per year

PAYBACK PERIOD: 5 years

PRODUCTION OF CANNED MEAT



SCOPE OF APPLICATION:

Canned meat is delicious, healthy, nutritious. Canned meat can remain suitable for human consumption for 1-2 years and does not require special storage conditions.

Cans of stewed beef and other meat do not need to be placed in the freezer or refrigerator, they can be stored in a closet or any other place at room temperature.

High-quality canned meat preserves vitamins, trace elements and is a source of protein and essential amino acids.

Zhambyl region is one of the main donors for the supply of meat and milk in the country and abroad. In terms of livestock, it is one of the three leaders in the Republic of Kazakhstan.



548.2 thousand heads



175 thousand heads



4 million heads



1.9 million heads



PRODUCTION OF PRODUCTS:

canned food-lumpy; chopped; minced; pate; emulsified; first lunch dishes; second lunch dishes.



THE SALES MARKET:

supermarkets and retail stores, cafes and restaurants

PRODUCTION TECHNOLOGY:

- 1) **Acceptance of raw materials.** Responsible producers choose high-quality and fresh meat, reject nonconditioning: tough and stringy pieces.
- 2) **The preparatory stage.** At this stage, meat is cut, veined, deboned and crushed into portions of the same pieces.
- 3) **Cooking.** Depending on the recipe, the meat is stewed, fried, mixed with vegetable ingredients, spices are added, and other operations are performed to obtain a delicious product.
- 4) **Packaging.** Ready-made canned meat is packed in containers, sterilized, cooled, labeled.

EQUIPMENT:

To prepare stewed meat, professional equipment is needed that will allow the manufacturer to produce a high-quality product. Enterprises use:

- defrosting chambers in which frozen raw materials are thawed;
- cutters for cutting pieces;
- boning systems;
- vacuum stirrer machines for mixing ingredients;
- machines for packing products;
- sterilizers of cans (scalders);

- filling dispensers that control the process of filling cans;
- seaming conveyors (systems that roll up filled cans in automatic mode);
- autoclaves for working with already rolled cans;
- washing equipment (for cleaning finished cans of canned food);
- labelers (for labeling cans);
- packaging equipment for packing cans (conveyor type).



MINING AND METALLURGICAL COMPLEX





PRODUCTION OF PRECIOUS METALS



COST OF THE PROJECT:
\$5 million



PROJECT CAPACITY:
35,200 kg/month



PRODUCTION PRODUCTS:
gold, platinum, silver



SALES MARKET:
jewelry production

FINANCIAL PLAN:



INVESTMENTS:
\$5 million



REVENUE:
\$10 million per year



NET PROFIT:
\$4 million per year



PAYBACK PERIOD:
4 years

OFFERS:

FIELD: « USHALYK », « Mynaral » Moyynkum district, « ALMALY » Zhambyl district, «Talas square» Talas district (gold)

RAW MATERIAL RESERVES: 1 335.2 kg, Almalay-536 kg, mynaral - 861.18 kg

SCOPE OF APPLICATION:

Silver and gold are used in automotive electronics in the manufacture of batteries, contacts, diodes, voltage regulators, sensors, switches and other parts. A small amount of precious metals can also be found in the chips of on-board computers. Platinum is used for the manufacture of jewelry and automotive catalysts, in the manufacture of chemical equipment, in electrical and radio engineering, and partly in the form of alloys with rhodium, palladium and iridium.

PRODUCTION PLAN:

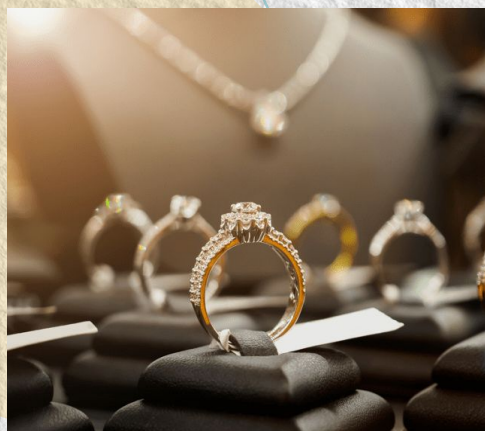
PRODUCTION TECHNOLOGY: processing technologies – grinding, heat treatment, melting, centrifugation, electrolytic and chemical methods, hydrometallurgical method

EQUIPMENT: the necessary equipment will be purchased from domestic and foreign manufacturers

RAW MATERIALS: precious metals in the alloy: gold-containing, silver-containing, platinum-containing, palladium-containing

STAFF: qualified personnel, including jewelers, will be attracted to work at the enterprise

JEWELRY PRODUCTION



COST OF THE PROJECT:
\$3 million



PROJECT CAPACITY:
52,800 pieces of jewelry/month



PRODUCTION PRODUCTS:
jewelry



SALES MARKET:
jewelry market in Kazakhstan, Russia, CIS countries, as well as abroad

SCOPE OF APPLICATION:

Silver and gold are used in automotive electronics in the manufacture of batteries, contacts, diodes, voltage regulators, sensors, switches and other parts. A small amount of precious metals can also be found in the chips of on-board computers. Platinum is used for the manufacture of jewelry and automotive catalysts, in the manufacture of chemical equipment, in electrical and radio engineering, and partly in the form of alloys with rhodium, palladium and iridium.

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: The methods of making jewelry are as follows: casting, stamping, rolling, drawing (obtaining threads for chains and similar products)

EQUIPMENT: The necessary equipment will be purchased from domestic and foreign manufacturers

RAW MATERIALS: precious metals - gold, silver, platinum, palladium

STAFF: Qualified personnel, including jewelers, will be attracted to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$3 million



REVENUE:
\$6 million



NET PROFIT:
\$2 million



PAYBACK PERIOD:
3 years

OFFERS:

FIELD: « USHALYK », « Mynaral » Moyynkum district, « ALMALY » Zhambyl district, «Talas square» Talas district (gold)

RAW MATERIAL RESERVES: 1 335.2 kg, Almalay-536 kg, Mynaral - 861.18 kg

PRODUCTION OF SILICON DIOXIDE



COST OF THE PROJECT:
\$65 million



PROJECT CAPACITY:
50,000 tons per year



PRODUCTION PRODUCTS:
silicon dioxide



SALES MARKET:
chemical, medical, industrial enterprises of Kazakhstan

FINANCIAL PLAN:



INVESTMENTS:
\$65 million



REVENUE:
\$25 million per year



NET PROFIT:
\$11,3 million per year



PAYBACK PERIOD:
6 years

OFFERS:

FIELD: «BELOPYATNYSHKO» Moyynkum district (fluorite)

RAW MATERIAL RESERVES: 205 thousand tons

SCOPE OF APPLICATION:

Silicon dioxide is used to produce semiconductor materials such as silicon chips and wafers, which are widely used in the production of electronics and microelectronics

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: first, the manganese ore is crushed and crushed to the required fraction

EQUIPMENT: crushers, grinders, classifiers, drying plants, filters

RAW MATERIALS: fluorite ore

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

MINING OF CONSTRUCTION SANDS



COST OF THE PROJECT:
\$10 million



PROJECT CAPACITY:
80,000 tons of sand per year



PRODUCTION PRODUCTS:
sand



SALES MARKET:
construction companies, concrete manufacturers, concrete products manufacturers, private individuals

FINANCIAL PLAN:



INVESTMENTS:
\$10 million



REVENUE:
\$20 million per year



NET PROFIT:
\$6 million per year



PAYBACK PERIOD:
3 years

ПРЕДЛОЖЕНИЯ:

FIELD: «ASCHIKOL» Talas district

RAW MATERIAL RESERVES: 52,915 thousand cubic meters.

SCOPE OF APPLICATION:

Sand is widely used in the construction of roads, buildings and structures, the manufacture of reinforced concrete products, landscaping, planning, landscape and decorative works

Sand is extracted in quarries using hydraulic installations or dredgers. The method of hydraulic washing is simple and effective, it allows you to obtain RAW MATERIALS of a high degree of purification. After watering the quarry, water with suspended particles of the material enters the sump, where the bulk component is separated from the waste liquid

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: mining of construction sand, processing of construction sand, washing of construction sand, fractionation of construction sand

EQUIPMENT: excavators, bulldozers, dump trucks, crushers, screens, washing plants, sorting plants

RAW MATERIALS: construction sand

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

LIMESTONE

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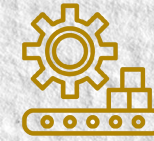


MINING

COST OF THE PROJECT:
\$50 million



PROJECT CAPACITY:
80,000 tons of limestone per year



PRODUCTION PRODUCTS:
limestone



SALES MARKET:
construction companies, manufacturers of building materials, glass industry, agriculture, chemical industry

FINANCIAL PLAN:



INVESTMENTS:
\$50 million



REVENUE:
\$100 million per year



NET PROFIT:
\$20 million per year



PAYBACK PERIOD:
5 years

SCOPE OF APPLICATION:

Limestone is used as a flux in metallurgy. Limestone is used in the chemical and food industries: in the production of soda, mineral fertilizers, glass, sugar, paper

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: limestone mining in a quarry can be carried out in three main ways: explosive, excavator, combine

EQUIPMENT: excavators, bulldozers, dump trucks, crushers, furnaces, hydraulic dampers, mills

RAW MATERIALS: limestone

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

ПРЕДЛОЖЕНИЯ:

FIELD: «BOKKOT» Shu district

RAW MATERIAL RESERVES: 4 402 thousand cubic meters



EXPANSION OF ACTIVITIES

MARBLE MINING AND PROCESSING

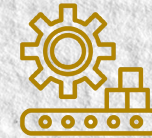
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COST OF THE PROJECT:
\$11,8 million



PROJECT CAPACITY:
20,000 cubic meters of marble per year



PRODUCTION PRODUCTS:
marble tiles



SALES MARKET:
construction

FINANCIAL PLAN:



INVESTMENTS:
\$11, 8 million



REVENUE:
\$108,4 million per year



NET PROFIT:
\$72,6 million per year



PAYBACK PERIOD:
5 years

OFFERS:

FIELD: «TESIKTAS», «KARATAU» Talas district

RAW MATERIAL RESERVES: « TESIKTAS » 3 thousand cubic meters, « KARATAU » 1 thousand cubic meters

SCOPE OF APPLICATION:

Marble is used for facing marble tiles, sculptures, original table appliances and lamps, mosaic panels and tiles.

Stone is also actively used for exterior and interior decoration of buildings.

High temperature resistant marble is suitable for facing fireplaces

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: cutting of marble blocks, processing of marble slabs, polishing of marble, manufacture of marble products

EQUIPMENT: marble mining equipment, marble processing equipment

RAW MATERIALS: the marble deposit

STAFF: Qualified personnel, masons, polishers will be involved to work at the enterprise. grinders. engineers. technologists

PROCESSING AND IMPLEMENTATION MARBLE PRODUCTS

2
8



COST OF THE PROJECT:
\$5 million



PROJECT CAPACITY:
1500-2000 m2 per year



PRODUCTION PRODUCTS:
building materials



SALES MARKET:
building

SCOPE OF APPLICATION:

Marble is used for facing marble tiles, sculptures, original table appliances and lamps, mosaic panels and tiles.

Stone is also actively used for exterior and interior decoration of buildings.

High temperature resistant marble is suitable for facing fireplaces.

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: cutting of marble blocks, processing of marble slabs, polishing of marble, manufacture of marble products

EQUIPMENT: stone cutting machines, stone polishing machines, stone processing machines, tools

RAW MATERIALS: marble blocks

STAFF: qualified personnel, masons, polishers will be involved to work at the enterprise. grinders. engineers. technologists

OFFERS:

FIELD: « KYZYLBASTAU » - WHITE MARBLE, « KYZYLBASTAU-1 » - BLACK MARBLE Talas district

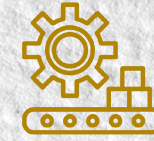
RAW MATERIAL RESERVES: white marble 1 129 thousand cubic meters, black marble 469 thousand cubic meters.

QUARTZITE MINING

2
9



COST OF THE PROJECT:
\$554 000



PRODUCTION PRODUCTS:
quartzite



PROJECT CAPACITY:
50 000 tons per year



SALES MARKET:
construction industry, glass industry, metallurgical industry, chemical industry

SCOPE OF APPLICATION:

Quartzite is used in the manufacture of silicon chips, quartz watches and other electronic devices

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: the technology of quartzite production includes the extraction of raw materials from natural deposits, its processing using specialized equipment to obtain various fractions and the production of final products for use in construction and other industries

EQUIPMENT: jaw crushers, cone crushers, hammer crushers, mills, screens, sieves

STAFF: mining engineers, drillers, excavators, dump truck drivers, other workers

FINANCIAL PLAN:



INVESTMENTS:
\$554 thousand .



REVENUE:
\$1,1 million per year



NET PROFIT:
\$221 thousand per year



PAYBACK PERIOD:
3, 5 years

PRODUCTION OF EXPANDED CLAY



COST OF THE PROJECT:
\$65 million



PROJECT CAPACITY:
750,000 tons per year



PRODUCTION PRODUCTS:
expanded clay, expanded clay sand, gravel, crushed stone



SALES MARKET:
expanded clay concrete enterprises, construction shops, hydroponic farms

SCOPE OF APPLICATION:

Expanded clay and its products (expanded clay sand, gravel, crushed stone) are widely used in construction as a lightweight filler, filler for concrete, building blocks, as well as for drainage and insulation of foundations and road surfaces.

Expanded clay is produced from clay by heating it to a certain temperature. The material swells (increases in volume) and granules of various sizes are formed.

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: the technology of expanded clay production includes the preparation of raw materials, mixing with water and additives, forming, firing at high temperature, cooling, sorting and packaging of the finished product.

EQUIPMENT: The necessary equipment will be purchased from domestic and foreign manufacturers.

RAW MATERIALS: clay will serve as the raw material for the production of expanded clay.

STAFF: qualified personnel will be attracted to work at the enterprise.

FINANCIAL PLAN:



INVESTMENTS:
\$65 million



REVENUE:
\$28 million per year



NET PROFIT:
\$11,2 million per year



PAYBACK PERIOD:
6 years

OFFERS:

FIELD: « ADEXUSKOYE » Shu district, hydrosoludic shales - suitable for the production of expanded clay.

RAW MATERIAL RESERVES: 7,052 thousand cubic meters.



PRODUCTION OF IRON ORE

3
1



COST OF THE PROJECT:
\$100 million



PROJECT CAPACITY:
27,000 tons of iron ore concentrate/year



PRODUCTION PRODUCTS:
iron



SALES MARKET:
metallurgical industry

FINANCIAL PLAN:



INVESTMENTS:
\$100 million



REVENUE:
\$200 million per year



NET PROFIT:
\$40 million per year



PAYBACK PERIOD:
10 years

SCOPE OF APPLICATION:

Iron ores are most often used in the metallurgical industry for the production of cast iron and steel.

Another application of iron ores is the production of pigments from them. Iron ore is used for smelting cast iron, steel cast iron and steel from it

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: iron ore mining, iron ore processing, iron ore processing, iron ore pelletizing

EQUIPMENT: excavators, bulldozers, dump trucks, crushers, shredders, flotation machines, sintering machines

RAW MATERIALS: iron ore

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

OFFERS:

FIELD: «AKKUDUK» Shu district (iron ores)

RAW MATERIAL RESERVES: 1 055.3 thousand tons



PRODUCTION OF STEEL AND TITANOMAGNETITE ORES



COST OF THE PROJECT:
\$500 million



PROJECT CAPACITY:
20 000 tons of titanium magnetite concentrate/year, 1 million tons of steel per year



PRODUCTION PRODUCTS:
expensive metal, iron



SALES MARKET:
metallurgical industry, mechanical engineering, aviation industry, chemical industry, construction industry

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: mining of titanomagnetite ores, processing of titanomagnetite ores, production of cast iron, production of steel, production of titanium rolled products

EQUIPMENT: excavators, bulldozers, dump trucks, crushers, shredders, flotation machines, blast furnaces, converters, rolling mills

RAW MATERIALS: titanium-magnetite ores, coke, iron ore, fluxes

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$500 million



REVENUE:
1 billion per year



NET PROFIT:
\$200 million per year



PAYBACK PERIOD:
15 years

OFFERS:

FIELD: «TYMLAY» Korday district

RAW MATERIAL RESERVES: 21 543 thousand tons (titanium), 226,100 thousand tons (iron)

SCOPE OF APPLICATION:

Iron ores are most often used in the metallurgical industry for the production of cast iron and steel.

Another application of iron ores is the production of pigments from them. Iron ore is used for smelting cast iron, steel cast iron and steel from it

GOLD MINING

3
3



COST OF THE PROJECT:
\$100 million



PROJECT CAPACITY:
200 kg of gold/year



PRODUCTION PRODUCTS:
gold



SALES MARKET:
global gold market, jewelry industry, central banks, investment funds

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: mining of gold-bearing ore, processing of gold-bearing ore, extraction of gold, purification of gold, refining of gold

EQUIPMENT: excavators, bulldozers, dump trucks, crushers, shredders, flotation machines, cyanidation, electrolysis

RAW MATERIALS: gold-bearing ore

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
500 million долл. США



REVENUE:
1 млрд. долл. США в год



NET PROFIT:
200 million долл. США в год



PAYBACK PERIOD:
15 years

OFFERS:

FIELD: « USHALYK », « MYNARAL » Moyynkum distric, « ALMALY » Zhambyl district, «TALAS SQUARE» Talas district

RAW MATERIAL RESERVES: 1 335.2 kg, Almaly - 536 kg, mynaral - 861.18 kg

SCOPE OF APPLICATION:

Gold and gold alloys have found their application in many fields: in the manufacture of jewelry, medals, coins, dentures, in the manufacture of watches, in the dyeing of glasses, in the manufacture of parts in microelectronics.

Gold is usually fused with palladium and silver, such an alloy is called white gold

COAL MINING



COST OF THE PROJECT:
\$500 million



PROJECT CAPACITY:
60,000 tons of coal per year



PRODUCTION PRODUCTS:
coal



SALES MARKET:
thermal power plants, metallurgical enterprises, chemical enterprises, population

SCOPE OF APPLICATION:

Coal is widely used in the paper, textile and glass industries. Coal is also used in the production of carbon fiber and specialized components such as metallic silicon, which are used in the manufacture of household appliances and personal care products.

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: coal mining, coal processing, coal sorting, coal packaging

EQUIPMENT: excavators, bulldozers, dump trucks, combines, crushers, screens, packaging lines

RAW MATERIALS: coal

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$500 million



REVENUE:
\$1 billion per year



NET PROFIT:
\$200 million per year



PAYBACK PERIOD:
10 years

OFFERS:

FIELD: «CHUYSKOYE» Moyynkum district

RAW MATERIAL RESERVES: 4.3 billion tons

PROCESSING OF PHOSPHOROUS ORES



COST OF THE PROJECT:
\$100 million



PROJECT CAPACITY:
9,000 tons of phosphorus flour per year



PRODUCTION PRODUCTS:

production of mineral fertilizers, as well as for the extraction of phosphoric acid and elemental phosphorus



SALES MARKET:

agricultural enterprises, manufacturers of chemical products

SCOPE OF APPLICATION:

The main source of phosphorus-containing raw materials are apatite and phosphorite ores. More than 90% of all extracted phosphate raw materials are used to produce mineral fertilizers.

Phosphorus compounds are also used in the chemical industry, medicine, metallurgy and other sectors of the national economy

PRODUCTION PLAN:

PRODUCTION TECHNOLOGY: mining of phosphorous ore, processing of phosphorous ore, production of phosphorous flour, production of superphosphate, production of double superphosphate, production of ammophos

EQUIPMENT: excavators, bulldozers, dump trucks, crushers, grinders, mixers, reactors, drying plants

RAW MATERIALS: phosphoric ore, sulfuric acid, ammonia

STAFF: qualified personnel, miners, engineers, technologists, laboratory assistants will be involved to work at the enterprise

FINANCIAL PLAN:



INVESTMENTS:
\$100 million



REVENUE:
\$200 million per year



NET PROFIT:
\$40 million per year



PAYBACK PERIOD:
5 years

OFFERS:

FIELD: «ZHYLAN», «ILGERIBAS» Sarysu district

RAW MATERIAL RESERVES: 11 250 thousand tons.

THANK YOU FOR YOUR
ATTENTION!