

BUSINESS PLAN
LLC "PC" VITALPLAST"
AIMED AT OBTAINING FINANCING IN THE AMOUNT
OF
600 000 000 RUBLES
INVESTORS BUSINESS PROJECT
FOR THE CONSTRUCTION AND OPERATION OF
ENVIRONMENTALLY FRIENDLY POLYETHYLENE
TEREPHTHALATE, POLYETHYLENE AND
POLYPROPYLENE WASTE PROCESSING PLANT FOR
SECONDARY RAW MATERIALS PRODUCTION AND
ITS RETURN INTO ECONOMIC CIRCULATION IN
THE FORM OF FINISHED PRODUCTS

THE ESSENCE OF THE PROJECT

This business plan is a business project of the society with limited liability "PC" VitalPlast" aimed at leveraging investments from investors business project of **600 000 000.00 Rubles for 3 - 5 years** for creating and organizing activities for modern high-tech environmentally friendly polyethylene terephthalate, polyethylene and polypropylene waste processing plant for secondary raw materials production and its return it to the economic circulation in the form of finished products.

The initiator and author of business plan development is LLC "PC "VitalPlast". Financial investments leveraging is intended for construction of production, auxiliary and ensuring factory facilities with the creation of the necessary engineering and other infrastructure, as well as for the purchase of production equipment.

PRODUCTION AREA

The production area for the polyethylene terephthalate, polyethylene and polypropylene waste processing plant for secondary raw materials production and its return into economic circulation in the form of finished products is the industrial park "VYATKA", located in the municipal Mamadysh district in the Republic of Tatarstan.

General view of Vyatka industrial park.



MAIN TYPES OF PRODUCTS

The concept of the business project of LLC “PC “VitalPlast” on the organization of activity of the modern hi-tech environmentally friendly polyethylene terephthalate, polyethylene and polypropylene waste processing plant for secondary raw materials production and its return to economic circulation in the form of finished goods, includes realization of the following range of finished goods in the consumer market:

1. Polyethylene garbage bags from 30 liters to 240 liters in volume, of different thickness from secondary materials LDPE, HDPE, stretch, polyamide: production of wide range of garbage bags of different volume – 30L, 60L, 120L, 160L, 180L, 220L, 240L; and thickness – from 6 to 100 microns.

2. Commodity raw semi-finished product of the nomenclature polypropylene:

- ☐ crushed PP,
- ☐ granule.

3. Commodity raw semi-finished product of the nomenclature polyethylene terephthalate:

- ☐ crushed PET,
- ☐ PET-flakes.

PROJECT PRODUCTION CAPACITY

Project capacity of the polyethylene terephthalate, polyethylene and polypropylene waste processing plant for secondary raw materials production and its return to economic circulation in the form of finished goods:

1. The total amount of products is from **800 tons to 1450 tons** per month.
2. Average monthly output is **1100 tons** per month.

Including:

1. In the form of plastic bags, of different thickness from secondary LDPE, HDPE, stretch, polyamide, will make **600 tons** per month.
2. In the form of a commodity raw semi-finished product of secondary raw materials of the nomenclature polypropylene, LDPE, HDPE: crushed PP and a granule, will make **250 tons** per month.
3. In the form of a commodity raw semi-finished product of secondary raw materials of the nomenclature polyethylene terephthalate: crushed PET and PET-flakes, will make **250 tons** per month.

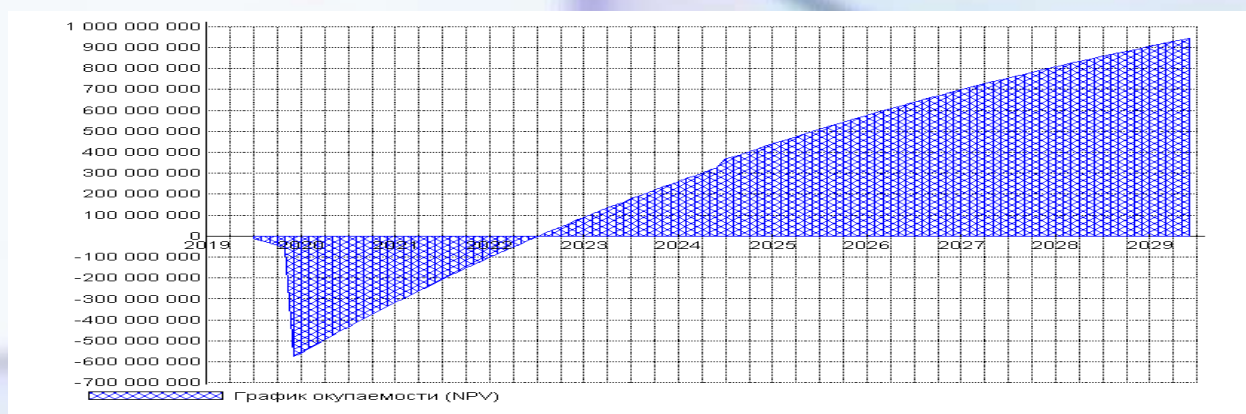
ESTIMATED TERMS OF THE BUSINESS PROJECT

1. The estimated term of the business project of LLC “PC “VitalPlast” – **10 years (120 months)**.
2. The preparatory stage of the business project of LLC “PC “VitalPlast” will take **7 months** (purchase of the main and service equipment, its delivery, preparation of the project documentation and its coordination, construction of industrial complex. Implementation of installation and commissioning, purchasing of the equipment, vehicles, raw materials for production, selection and training of personnel, the organization of conducting activity) **from 01.09.2019 till 31.03.2020**.
3. The beginning of production and product sales **from 01.04.2020**.
4. The estimated term of the business project of LLC “PC “VitalPlast” **from 01.07.2019 till 30.06.2029**.

BUSINESS PROJECT CONCLUSIONS

The business project with the purpose of creation of the modern hi-tech environmentally friendly polyethylene terephthalate, polyethylene and polypropylene waste processing plant for secondary raw materials production and its return to economic circulation in the form of finished goods by LLC “PC “VitalPlast”, located in the territory of Vyatka Industrial park in the Mamadysh’s municipal District in Republic of Tatarstan - **is effective and expedient for implementation.** After the feasibility study, the following results were received:

Total current assets of the LLC “PC “VitalPlast” considering return of borrowed funds to investors in the amount of **600 000 000 Rubles** by the end of 10-year estimated term, will be: **2 096 547 600, 66 Rubles.**



Scheme 1. The schedule of payback (NPV) in the main currency