

AGRICULTURE SECTOR

Total – 5 projects from businesses of the region

Establishment of an enterprise for packing natural honey, with a capacity of 300 tons per year (individual entrepreneur Horbonos Andrii, Dnipro)	1
Complex for the production of flour and cereals products («White» LLC, the city of Kryvyi Rih)	3
Construction of complex for storage of food and vegetable products and its sorting (FE «Vidrodzhennia», Petrykivska TC, Dniprovskyi district)	5
Creation of production of dry snails' mucus (FE «Zdravlyk», Petrykivska TC, Dniprovskyi district)	7
Construction of the agricultural and processing cluster "Chervony Tik" (LLC «AGROBUD-1688», Apostolove TC, Kryvyi Rih district)	9





1

Creation of an enterprise for packing natural honey, capacity of 300 tons per year



The initiator of the project seeks to develop and expand its own production by acquiring the necessary equipment for packing honey.

Currently, honey is packed in glass and plastic containers with subsequent sale to individual consumers in Ukraine (through social networks, advertising products, etc.) up to 5 tons of finished products per year. For this purpose honey is bought as traditional Ukrainian varieties - acacia, linden, sunflower, buckwheat, and author's honey - "Amber potion", "Carpathian power" with available certificates of origin and quality of honey.

In order to increase the volume of honey packing it is planned to install the production line with the capacity up to 300 tons/year. Besides, the project provides creation of the line of unique method of honey packing "A drop of honey". Now the industrial sample of honey packing container is already patented and includes packing not only honey, but also other products - sauces, jams, etc., including medicines - mixtures, powders, medicinal syrups, etc.



Initiator

**Individual entrepreneur
Horbonos Andrii,**

**Founder of
SpravdiMed TM**



Duration

12 months



Project goals:

- creation of an enterprise with a modern line for the preparation of blending and packaging of honey in containers of a wide range of nomenclature;
- Supporting the domestic beekeeping industry by ordering honey of traditional varieties, which will create value-added chains, in particular, advanced processing of honey;
- to provide the domestic and European markets with natural honey at competitive prices;
- become a reliable source of filling the state budget of Ukraine with funds from taxes and export operations;
- To create 10 workplaces.



Economic indicators of the project

Total project cost: \$ 82 thousand.

Net Present Value (NPV)	\$ 106 thousand	Payback period (PP)	3,5 years
Profitability index (PI)	2,5	Project return on equity (ROE)	127 %
Internal Rate of Return (IRR)	125 %	EBITDA	\$ 421 thousand



Creation of an enterprise for packing natural honey, capacity of 300 tons per year



Project technical parameters

Premises characteristics:

- space area: up to 250 m², which includes a separate area of up to 50 m² for honey storage;
- intended use: production of food products;
- condition of the premises: in good working order;
- disposer: the landlord is a legal person.

Engineering infrastructure:

- electric power: city power networks
- Water supply and sewage: centralized;
- gas supply: on the territory;
- Heating system: electric;
- Ventilation system: available.

Logistics infrastructure:

- 100 m - territorial highway;
- 500 m - national highway;
- 500 m - railway station.

Initiator resources:

- Premises up to 250 m²;
- assortment of honey;
- tare, packaging materials;
- patented technology of production;
- advertising materials, Internet resources;
- human resources;
- client base.



Project location

the city of Dnipro



Mechanisms for cooperation

- joint venture;
- direct investment;
- credit financing.



Additional information

At the expense of the profit, there are plans to develop social projects:

- "Ukrainian Clear Speeches" - creation of methodological materials for children with speech defects (disabilities) with their subsequent free transfer to specialized educational and training institutions;
- "Honey Heart" - aimed at providing temporarily displaced persons from the war zones with the things of prime necessity and foodstuffs;
- "Children's Honey Hub" - children's creativity center.

Required equipment for honey packaging according to the project:

- packing and packaging unit - 2 pcs (with a capacity of up to 25 packs per minute);
- batcher - 1 pc (up to 25 packs per minute)
- mini table with dosing unit - 1 pc (up to 6 packs per minute);
- honey dosing and pumping device (up to 27 packs per minute);
- belt conveyor - 1 pc;
- tables for working with food products - 3 pcs and chairs - 6 pcs.



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Flour and cereals production complex

«WHITE» LLC
www.vait.in.ua



Proposed land plot in an industrial area of Kryvyi Rih, for the construction of a complex for the production of flour-and-cereal products. The area has a favorable logistics infrastructure - access roads, as well as railroad tracks at a distance of less than 1 km.



Project goals

- production of quality flour and cereals for domestic and foreign markets;
- use of the logistics potential of the Grekovataya railway station;
- development of the agro-industrial complex sector in order to increase tax revenues to the budget;
- creation of additional jobs;
- attraction of capacities of local enterprises to the project of construction of the complex.

The land meets all the criteria for the establishment of modern agro-industrial enterprises and full-service terminals.

The distance to the nearest residential buildings is more than 400 meters.



Economic indicators of the project

Economic indicators are calculated by the investor depending on the construction project of the flour and cereals complex

Flour and cereals production complex (Kryvorizky district)



Technical parameters of the project

Characteristics of the land plot:

- **area:** 15.317 ha;
- **intended purpose:** complex of non-residential buildings and structures;
- **cadastral number:** 1211000000:07:519:0007;
- **leaseholder:** communal property.
- **Engineering infrastructure:**
- **Water supply/drainage** - none, there is a possibility of connection at a distance of less than 1 km;
- **Gas supply** - no, there is a possibility of connection at a distance of less than 1 km;
- **Electricity** - at a distance of ≈ 3 km there is a substation "№3" 35/6 with a rated capacity of 2x6300 kVA.



Mechanisms for cooperation

- Sale of corporate rights
- **Logistics infrastructure:**
- distance to the road of territorial importance T1215 - 14,5 km;
- distance to the road of regional importance R74 - 15,5 km;
- distance to the road of national importance H23 - 14,8 km;
- Distance to the international airport "Kryvyi Rih" - 19,5 km;
- м. Dnipro - 160 km;
- м. Nikopol - 133 km;
- м. Zaporizhzhia - 211 km.
- **Neighboring areas:**
Promhydrotechstroy LLC, Myrivka plant of armed concrete structures, railway station Grekuvata.



Project Location: Dnipropetrovsk region, Kryvorizka TC



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Construction of a complex designed for storage, sorting, packaging of fruits and vegetables



Initiator

Farming enterprise
«Vidrodzhennia»

www.eko-sad.com



Construction of a complex designed for high-quality storage of fruits and vegetables, followed by sorting, packing, delivery to consumers. Project implementation is expected in the operating space of farming enterprise «Vidrodzhennia», which is placed near existing garden.

Total complex capacity will be 5 000 tons.

Market outlets: wholesale markets, trading networks of Ukraine.



Duration

6 months



Project goals

- the construction of complex for storage of fruit and vegetable products and its sorting provides the opportunity to comply with requirements for entering to the outlet chain, namely: annual product delivery, high volumes, lot homogeneity;
- the capacity of sorting line is 40 tons of the products per shift. It is supposed the everyday shipment of production to the trade networks during 11 months;
- it is planned to access to international markets of fruits and vegetables;
- the opportunity of project scale expansion: in the long term it is expected the extension of space for gardens and small fruit acreage up to 105 ha and for vegetables up to 100 ha;
- creation of more than 150 jobs.



Project economic indicators

Required investment capital: \$3,5 mln

Net Present Value (NPV)	\$3.6 mln	Payback period (PP)	2,8 years
Profitability index (PI)	2,02	EBITDA (3rd year)	\$1,6 mln
Internal Rate of Return (IRR)	24,4%	Revenue (3rd year)	\$2.9 mln



Construction of a complex designed for storage, sorting, packaging of fruits and vegetables



Project technical parameters

Land plot characteristics:

- **area:** 2.4 ha;
- **intended use:** for conducting of the commodity agricultural production;
- **cadastral number:** issued;
- **leaseholder:** farming enterprise «Vidrodzhennia».

Engineering infrastructure:

water, gas and electricity are available and does not require any additional investments..

Initiator contribution to the project implementation:

- a project for a refrigeration complex (5,000 tons);
- a refrigeration complex, with a volume of 500 tons;
- a transformer, weigh office, an office building;
- a well with drinking water.

Transport infrastructure:

- 4 km to the highway Dnipro-Poltava-Kyiv;
- 25 km to the railway station.



Mechanisms for cooperation

- credit line up to 5% per annum in foreign currency;
- joint venture.



Additional information

Main activities:

cultivation of agricultural products:

- fruits (apples) – 2400 tonnes;
- berries (strawberry) – 50 tonnes;
- vegetables (potatoes, beets, carrots, onions) – 5000 tonnes.

The complex will provide:

- high-quality storage and marketability of the fruits;
- uniformity of products supply throughout the year irrespective of seasonal cultivation;
- minimal natural wastage;
- profitability increase due to price changes in different seasons;
- added value.



Project location: Petrykivska TC, Dnipropetrovsk region



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Production of dry snails' mucus



Production of lyophilized mucus (dry substance) of the Mediterranean snails *Helix aspersa* Maxima and *Helix aspersa* Muller.

Farm holding «Zdravlyk» grows Mediterranean snails and produces snail's mucus (liquid raw material).

The production of liquid snail's mucus is 100 tons per year, with the possibility of increasing production volumes.

Today, farm holding «Zdravlyk» produces a limited amount of lyophilized snail's mucus, and has samples and relevant product examinations.

The product is industrially used by the global pharmaceutical and cosmetic industries in the form of recycled dry powder.

In the future, it is planned to launch the production of snail's hydrolysate peptide, enzymatic hydrolysis of snails' raw material.



Initiator

Farm holding
«Zdravlyk»

<https://zdravlyk.pro.ua>



Duration

6 months



Project goals

- production of high-tech Ukrainian products with limited production in the world;
- development of Ukrainian exports with high added value;
- creation of 6 new jobs.



Project economic indicators

Required investment capital: \$0.5 mln

Net Present Value (NPV)	\$2 mln	Payback Period (PP)	1 year
Profitability Index (PI)	4,3	EBITDA	\$0,7 mln
Internal Rate of Return (IRR)	111%		



Production of dry snails' mucus



Project technical parameters

Land plot characteristics:

Land plot characteristics:

- **total land plot area:** 3.5 ha;
- **intended use:** agricultural lands, pasture-lands
- **cadastral number:** assigned;
- **leaseholder:** Farm holding «Zdravlyk».

Engineering infrastructure:

Water and electricity supply are available and do not require any additional investments.

Logistics infrastructure:

- 8 km to the highway P-52;
- 12 km to urban type settlement Petrykivka;
- 58 km to the city of Dnipro.



Mechanism for cooperation

- joint venture;
- loan funds;
- grants.



Additional information

The leaders in the global processing of snail mucus are China, USA, Republic of Korea, India, Australia.

The heliciculture development in Ukraine facilitates the entry of Ukrainian companies into world markets with snail's processing products. Farm holding «Zdravlyk» has developed and mastered its own technology for collecting mucus and produces a finished product.



Project location: Petrykivka TC, Dnipropetrovsk region



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Construction of the agricultural and processing cluster “Chervony Tik”



The project provides for the construction of the agricultural and processing cluster “Chervony Tik” based on the existing production capacities of the enterprise.

The project aims to gradually develop an integrated agricultural complex that combines growing crops, processing them and producing bioenergy. The project includes:

- expanding the land bank to 1,000 ha;
- creating a complex for raising poultry (meat and egg production) with the possibility of further processing;
- building a feed production;
- production of bioorganic fertilizers from agricultural residues;
- development of greenhouse farming for growing vegetables and greens.



Initiator

LLC “AGROBUD-1688”



Duration

3 years



Project goals

- Construction of a modern agricultural production cluster with a full cycle – from growing raw materials to producing finished products with high added value.
- Expansion of the land bank to 1,000 ha over 3-5 years to provide a raw material base and increase agricultural production.
- Building a poultry complex and feed production with a closed cycle—from growing feed to making meat and egg products.
- Production of bioorganic fertilizers from agricultural residues to improve soil fertility and implement ecological technologies.
- Starting a greenhouse business for year-round cultivation of vegetables and greens with the purpose of diversifying production and increasing the food autonomy of the region.
- Creation of 70 new jobs.



Project economic indicators

Total project cost: \$3 mln

Net Present Value (NPV)	\$0.5 mln	EBITDA (4 th year)	\$0.5 mln
Internal Rate of Return (IRR)	17.6%	Revenue (4 th year)	\$1.75 mln
Payback period	4.5 years		

Construction of the agricultural and processing cluster “Chervony Tik”



Project technical indicators

- **Total land area:** 10 ha (privately owned, agricultural use).
- **Existing production buildings:** 6.000 m², suitable for reconstruction into a feed production, poultry complex, storage facilities, laboratory and administrative and support block. The buildings are connected to electricity, water and gas supplies, providing a quick start of the project without the need for new connections.
- **New construction projects:** construction of a greenhouse complex, bioorganic fertilizer production line and supporting infrastructure.
- **Expected land bank after expansion:** 1.000 ha over 3–5 years.
- **Environmental efficiency:** a closed-loop waste management system is planned, involving the processing of poultry manure and plant residues into bio-organic fertilizers, which reduces CO₂ emissions and improves soil fertility. In greenhouses, the use of drip irrigation and drainage water recirculation is planned, which decreases the consumption of water resources.
- **Readiness stage:** land, buildings, and utilities are available. The project needs modernization, a feasibility study and investment.



Project location:

Apostolove territorial community, Kryvyi Rih district, Dnipropetrovsk region



Mechanisms of cooperation

- Involvement of credit resources, grant funds and direct investments.
- Financial partnership.
- Other opportunities of cooperation.



Additional information

Approximate production facilities after the project launch. At the first stage (investment of \$3 million), the project provides for the launch of basic production using the existing facilities of the enterprise and the construction of a greenhouse complex and a biofertilizer line.

- **Poultry farming (broilers):** up to 240.000 birds/year (\approx 430 tons of meat) in three to four growing cycles. Production is planned to be located in renovated facilities with the possibility of further expansion to 400.000 birds/year by constructing additional buildings.
- **Production of bioorganic fertilizers:** up to 1.000–1.200 tons/year at the start, with the possibility of scaling up to 1.500–2.000 tons/year after expanding agricultural production volumes.
- **Feeding plant:** capacity up to 5 tons/hour, provision of internal needs of the farm with the perspective of partial sale of feed on the external market after expansion of poultry farming.
- **Greenhouse farming:** 2 ha of modern greenhouses with basic automation, yield — up to 500 tons of vegetables and greens per year. A gradual increase in area to 3–4 ha is planned in the second phase of the project.



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