



BZK Holding

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WE STRENGTHEN
POLISH
AGRICULTURE



BZK Holding

PRODUCTION FACILITIES IN POLAND



INNOVATION POTENTIAL

Modern production plants, elevators, mills and granaries prove our potential and credibility.

Dear Readers,

BZK Holding is a group of 100% Polish-owned companies that is dynamically active in the renewable fuel, grain and dairy industries. BZK Holding is a national leader of trade, organization and logistics as well as innovative technologies in the crop processing sector.

The holding companies cooperate with thousands of farmers, fruit growers and breeders from all over Poland. The raw materials such as wheat, rye, barley, corn and rapeseed, as well as milk, fruits and vegetables are processed and sold on the domestic market or exported to many countries around the world. Thus, the companies strengthen Polish agriculture and processing industry and contribute to the stabilization of employment in that sector of the national economy.

BZK Holding consists of several companies, the most important of which include:

- ① **BZK Group** – purchase of raw materials for holding companies.
- ② **BZK & Wspólnicy** – services in the area of finance, law, human capital management, sales support, purchasing and IT implemented for holding companies.
- ③ **POLSKIE MŁYNY** – the largest 100% Polish-owned company in the grain and milling sector.
- ④ **BAKOMA** – one of the largest Polish producers of yogurts and other dairy products.
- ⑤ **BAKOMA BIS** – a leading manufacturer of the topquality fruit components used in the production of cheese, yogurt and milk desserts.
- ⑥ **BZK ALCO** – a fast-growing alcohol producer that uses the experience of the best experts in the Polish distillery industry.
- ⑦ **BIOAGRA** – one of the largest dehydrated ethanol producers in Poland for fuel (bioethanol), as well as technical and food purposes.industry.

- ⑧ **BIOAGRA-OIL** – together with Staoil, one of the largest Polish producers of methyl esters and glycerin pharma grade.
- ⑨ **KOMAGRA** – one of the largest domestic producers of rapeseed oil together with Staoil.
- ⑩ **STAPIOIL** – produces crude rapeseed oil and extracted rapeseed meal.

Over several decades of unprecedeted development, BZK Holding has grouped companies that - acting independently in legal and organizational terms - gained leader status in various segments of the agricultural processing market. They currently produce dozens of alimentary, technical or products used in the fuel, pharmaceutical, feed and other industries. BZK Holding owes its achievements and constant development to the work and talent of its employees. Every day, several thousand women and men working in holding companies stand by the quality, timeliness and technological innovation in the processing of agricultural raw materials.

BZK Holding constantly acquires new business partners, focusing on continuous development in accordance with the natural environment, as well as the principles of ethics and corporate governance.

More

www.bzkholding.pl



BZK Holding

BZK HOLDING – ECONOMY OF THE FUTURE

BZK Holding has been conducting a number of advanced research projects as well as current and development activities related to the circular economy. This approach, actively promoted by the United Nations, the European Commission and the Polish government, allows simultaneously achieving environmental, social and economic benefits.

The involvement of BZK Holding is particularly evident in the area of the economy based on biological processes, which aims at the sustainable use of agricultural products. It is one of the foundations of the economy of the future. It is like returning to nature which has been continuously and precisely functioning for millions of years. In nature, everything has a purpose. Each organic particle is used, absorbed and processed in natural processes to support next generations of plants and organisms.

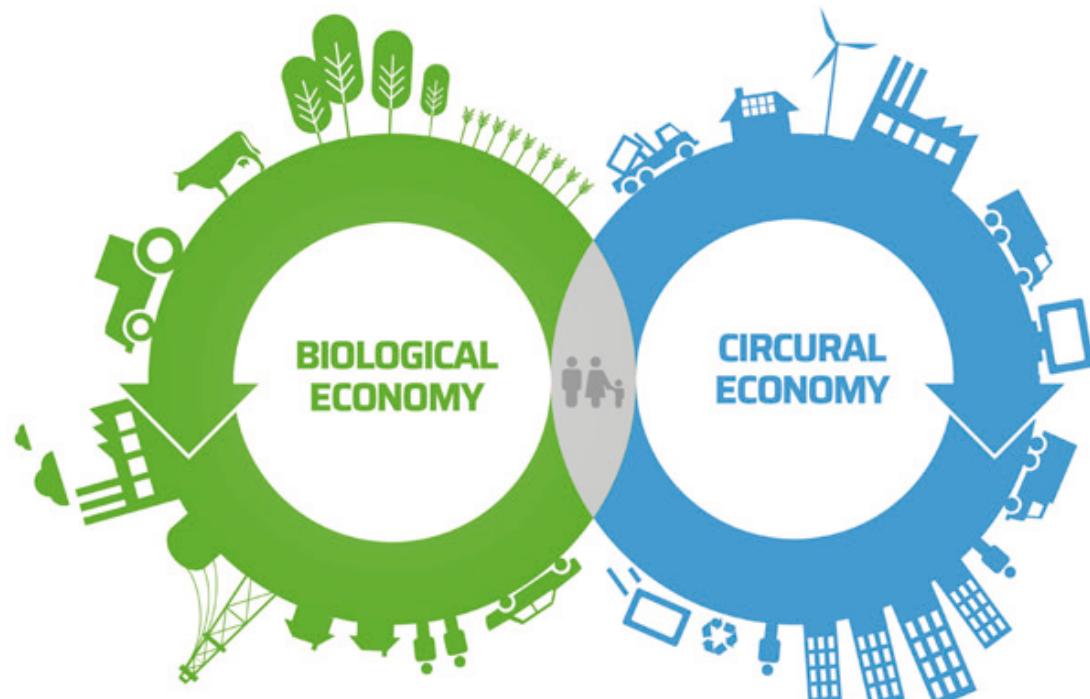
BZK Holding companies, while using this approach, are looking for both innovative manufacturing processes and new products, including parallel and side products.

Studies and tests conducted from the technological, environmental and socio-economic perspective aim at the sustainable development of agricultural systems. One of the key goals of BZK Holding is to achieve complete biodegradability of present and future products, as well as complete management of by-products, as is the case in natural processes occurring in nature.

Raw materials used in the production of biodegradable materials are a special area of interest for the holding company. They are a natural equivalent of crude oil or natural gas, used to produce plastics which are already widely recognized as the cause of the world's largest environmental pollution.

The priority areas of activity and study of BZK Holding coincide with four of the five main directions of the economy transformation set by the European Commission.

IDEA OF THE ECONOMY OF THE FUTURE





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Each product and route of raw material in BZK Holding is designed from-cradle-to-cradle. This concept prevents waste by more efficient production and re-use of products and raw materials. It assumes the minimization of the environmental impact of manufactured products.

BZK Holding strives to reflect a model functioning in nature through close cooperation with Polish farmers. The farms produce material for production, e.g. corn or rape seed. BZK Holding companies process these materials by using innovative technologies to form biodegradable products and by-products. Farms use by-products, e.g. feed additives or biomass for breeding or growing crops.

PRIORITY AREAS OF OPERATION AND RESEARCH v



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PLASTICS

Produced from renewable materials, bio-plastics which include an entire family of materials with different properties and applications that can be produced from crop plants or streams of production residues from food processing.



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CRITICAL RAW MATERIALS

Biodiesel and bioethanol, produced by companies of the BZK Holding, are equivalents of crude oil and gasoline, i.e. raw materials which may be considered critical in Poland, as the demand is covered to a large extent by importation.



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FOOD WASTE

Currently, one-third of products intended for consumption is lost globally at various stages of the production process, e.g. as raw materials, semi-finished products or finished products that do not meet the strict quality criteria.



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BIO MASS AND BIOPRODUCTS

Biodegradable residues from agricultural production and related industries that can constitute a source of raw materials for the production of by-products, e.g. feed additives.



BZK Holding

BZK HOLDING – OPTIMUM COMMERCIAL AND OPERATIONAL ACTIVITIES



BZK Group and BZK & Wspólnicy optimize the commercial and operational activities of the holding company by providing advanced services to special purpose companies. Thus, the production area of the organization can focus on the core business, i.e. increasing productivity and maintaining the highest product quality.

On behalf of the holding, BZK Group cooperates with thousands of farmers, fruit growers and breeders from all over Poland. It buys agricultural produce, accepts, cleans, dries and stores raw materials. It rents storage space in elevators, it trades in agricultural produce, seeds and agricultural machinery.

BZK Group holds the ISCC EU certificate in the area of selling biomass, biocomponents and biofuels. Pursuant to the ISCC EU requirements, biomass production should be carried out in accordance with the principles of environmental responsibility. It includes the protection of soils, water, air and the so-called

▼ More:

www.bzkholding.pl
www.bzk.pl
www.bzkgroup.pl

good agricultural practice (GAP). These requirements are related to the operating practice during plant growing and animal husbandry. The produced raw materials must be completely safe for the consumer. During production, no environmental pollution can occur.

In turn, BZK & Wspólnicy provides holding companies with advanced services in the field of finance, law, human capital management, sales support, purchasing and IT. The production companies use said support to more effectively implement strategic goals, and to strengthen competitiveness on the Polish and foreign markets

OUR HISTORY



Launching of the Purchase Platform for the publication of product bid inquiries and

2006

2007

Establishment of BZK Group

Establishment of BZK Holding

2016

Establishment of BZK&Wspólnicy

Launching of the Purchase Platform for the publication of product and service bid inquiries



BZK HOLDING – ACTIVITY ON SELECTED MARKETS

Import/eksport

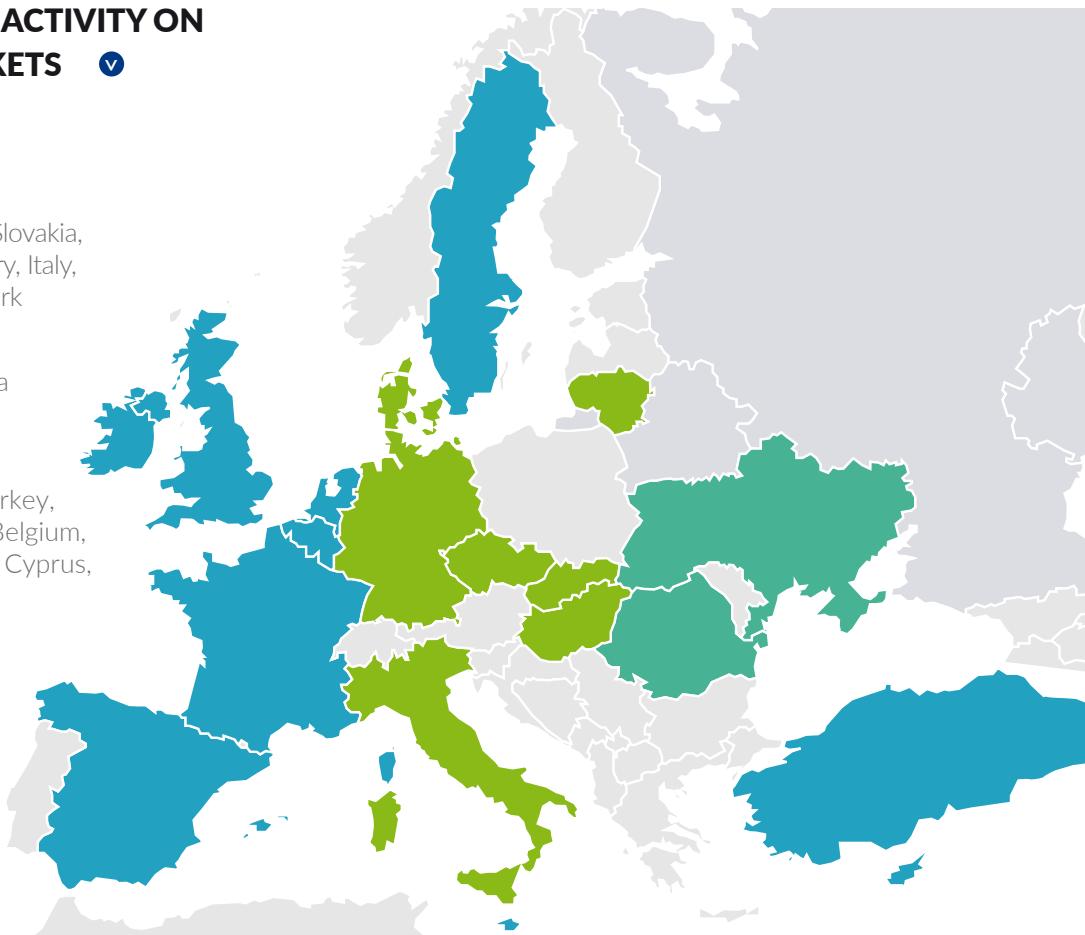
Czech Republic, Slovakia, Germany, Hungary, Italy, Lithuania, Denmark

Import

Ukraine, Romania

Eksport

Spain, Ireland, Turkey, Malta, Holland, Belgium, Sweden, France, Cyprus, UK



RAW MATERIALS, PRODUCTS AND SERVICES



Purchase of agricultural produce:

- rapeseed,
- consumer wheat,
- rye,
- barley,
- corn,
- fruits and vegetables.



Sales of raw materials and semi-finished products:

- cereals and other vegetable materials,
- vegetable oils (including rapeseed oil),
- rapeseed meal,
- DDGS,
- bioethanol,
- methyl esters of vegetable oils (RME FAME),
- glycerin pharma grade.



BZK Group Services

Organization of contracting, buying and trading for companies operating within the holding. Purchases also concern non-agricultural materials and products, intended for agricultural processing and necessary in technological processes.



Services of BZK & Wspólnicy

Providing advanced services in the area of finances, law, human capital management, sales support, purchasing and IT.



More:

www.polskiemlyny.pl

POLSKIE MŁYNY - CONNECTING GENERATIONS FOR OVER 100 YEARS ▼

Polskie Młyny S.A. is the largest 100% Polish-owned company in the grain and milling sector. The most recognizable brand in the company's portfolio is Mąka Szymanowska – the first flour brand that debuted on the market in the early 1970s.

The history of Polskie Młyny S.A. dates back to the early 20th century. The oldest mill in Nakło was founded in 1904. Over 100 years of presence in the grain and milling industry testifies to the highest quality of grain products offered.

In 2004, the owners merged three large enterprises into one entity: Polskie Zakłady Zbożowe Brzeg Spółka Akcyjna

in Brzeg, Zakłady Przemysłu Zbożowego Szymanów Spółka z o.o. In Teresin and Przedsiębiorstwo Przemysłu Zbożowo Młynarskiego "PZZ" Spółka Akcyjna in Bydgoszcz.

The year 2018 can be considered as the next milestone in the company history. A modern mill for grinding rye flour and an innovative production line of fresh pasta was launched on a national scale. The product mix, apart from flour and cereal grains, includes a wider range of processed products and food.

OUR HISTORY ▼

Opening of the mill
in Nakło

1904

Opening of the mills
in Brzeg and Bydgoszcz

1948

Opening of the wheat mill
in Szymanów

1959

Introduction of the flour
brand „Szymanowska” in a
1 kg package (paper bag)

years
70.

Merger of mills

2004

Rye mill and fresh pasta
production line launched
in Szymanów

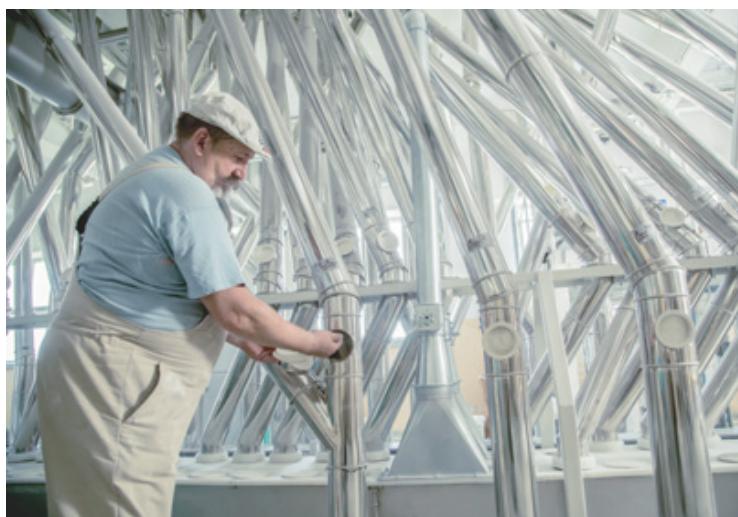
2018





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The potential and the position of POLSKIE MŁYNY S.A. are not limited to its own mills – it also includes a constantly developed and modernized purchasing infrastructure.



SAMPLE PRODUCTS



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SYMANOWSKA FLOUR

It is the first flour in Poland packed in a 1 kg paper package. The most popular wheat flour brand produced by Polskie Młyny.



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DEDICATED FLOURS

An innovative approach to the entire category of flours. Products for less experienced cooks. Clear assignation of individual variants, clear instructions and recipes.



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CAKE MAKING MIXES

These are convenient mixtures developed on the basis of Szymanowska flour. Simple and quick to prepare. Just add water and eggs to make a delicious and fresh cake.

CEREALS AND BIO SEEDS

Perfect as a breakfast addition, will come useful when preparing diet desserts.



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More:
www.bakoma.pl

BAKOMA – JOY OF NATURE

Bakoma Sp. z o.o. was established in 1989. It is a leading manufacturer of milk products in Poland, a 100% Polish-owned company. The products are manufactured at a modern plant in Elżbietów.

The highest product quality was achieved through the implementation:

- HACCP system from the beginning of the production of dairy products,
- and ISO systems.

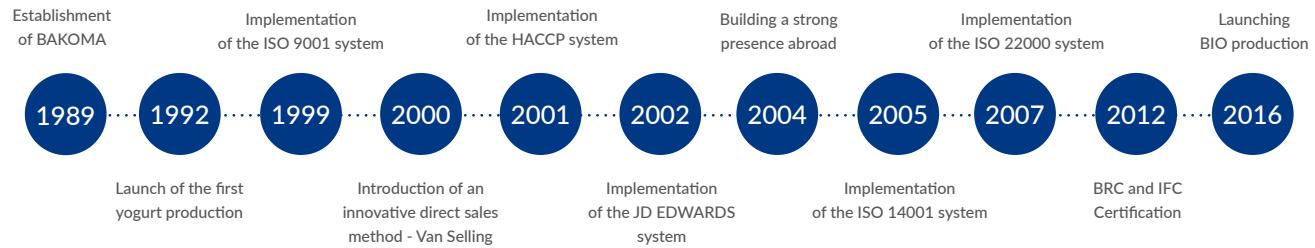
Bakoma is building the position of a strong producer of dairy products abroad. Following the introduction of the UHT technology, the company developed exports to EU countries and to Canada, the U.S., Russia, Ukraine, China, Thailand, Vietnam, Indonesia, Qatar and others.

Based on a specific set of bacterial cultures, juicy fruits, cereals and the top-quality milk, the best experts have developed recipes, thanks to which Bakoma products enjoy the evergrowing recognition of its customers. This is confirmed by numerous medals, prizes and awards, both at home and abroad.

Bakoma, as a trend setter, introduced high-protein and bioproducts to the market.

Opting for harmony with nature, the company also works on the environmentally-friendly packaging.

OUR HISTORY





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Pure joy of nature is an opportunity to enjoy natural products every day. Bakoma strives for the highest quality of their products. Milk, fruits and cereals are capsules of natural energy. Proper nutrition is the foundation of health and well-being. Therefore, a team of specialists constantly develops new recipes and selects strains of yogurt bacteria, to ensure a positive effect on the digestive tract and the functioning of the body.

Producing healthy food is equivalent to pro-environmental activity. In 2005 the company obtained a certificate confirming compliance with the requirements of the Environmental Management Standard ISO 14001:2005.

SELECTED BESTSELLERS V



V

7 Cereals yogurt is a unique proposition on the market because it contains as many as seven types of vital cereals. Cereal fiber in combination with ripe fruit, delicate milk yogurt and beneficial bacteria makes 7 Zbóż a light and valuable snack.



V

Natural dense yogurt fat 2.8%. It contains LA5 bacteria cultures. Ideal for use in the kitchen - for light salads and dips. It has a delicate and mild taste. Live bacteria cultures LA5 and BB12 promote the naturally occurring, beneficial bacteria which support digestion and help maintain bacterial balance in the intestinal tract.



V

Twist is the most popular brand of drinkable yogurts. Refreshing taste, functional packaging and modern graphics make Twist the preferred brand of active people.



V

Bakoma MEN products contain a specific protein amount for each person. The protein contributes to the growth and maintenance of the muscle mass. It helps to keep your bones healthy.



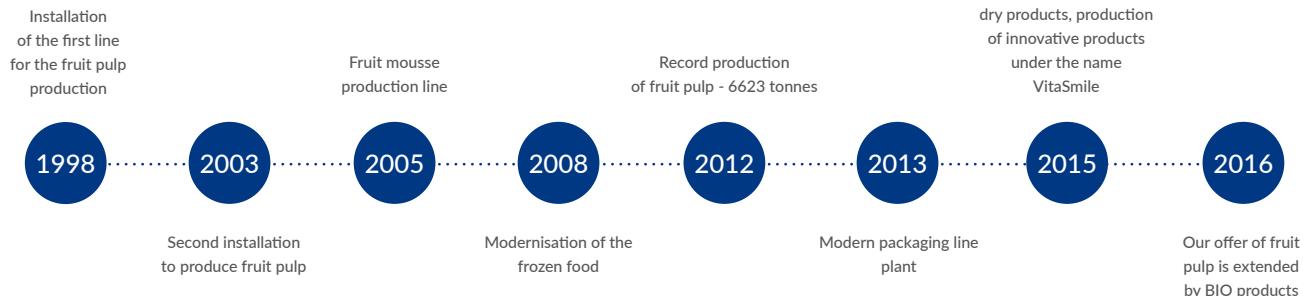
More:
www.bakomabis.pl

TOP QUALITY FRUIT COMPONENTS

Since the early 1990s Bakoma Bis has been improving and expanding the range of its products, offering customers the top quality fruit components used in the dairy industry for the production of cheeses, yogurts and milk desserts. These include fruit pulp and mousses, as well as a wide selection of frozen fruits and vegetables and groats, rice and delicacies. The location of the production plant in the Mazovian fruit and vegetable basin assures purchases of fruit and vegetables directly from the producers. It lets us obtain the freshest and the most natural raw materials and freeze them right after harvesting from fields and orchards. The proximity of crops and the use of modern technologies ensure the preservation of the most valuable

ingredients in fruits and vegetables. It lets us create products of the highest quality and excellent taste from natural materials. Therefore, Bakoma Bis implemented the HACCP system and the Integrated Management System ISO 9001:2015 and ISO 22000:2016 and obtained the BIO certificate.

OUR HISTORY





Bakoma Bis offers components of various compositions and parameters, at a varying fruit content from 20% to 60%, with a predominance of whole or fragmented fruits. The company also provides products with oriental flavors of coffee, vanilla, coconut and almond. It also supports clients in developing new flavors under special orders.



SELECTED BESTSELLERS AND SERVICES



FRUIT PULP

Fruit pulp for yogurts with large pieces of fruit, cereals, muesli and dried fruits, for drinkable and economical yogurts, doublelayered, with fruit mousse and homogenized cheese and buttermilk.



FROZEN FOOD

Taking advantage of the richness of agricultural areas, the company offers its clients the highest quality frozen vegetables and fruits. The basic assortment offered by Bakoma Bis are strawberries, cherries, blueberries, raspberries, apples and other fruits as well as various vegetables.



MOUSSE

Tasty and healthy snacks based on apples. The applied technological processes allow us to provide the top-quality product with a velvety consistency, which preserves the most valuable ingredients contained in the fresh fruit.



LOGISTICS

The company offers fruit and vegetables in various sizes and quality grades. Packed in 25 kg sacks, 10 kg and 15 kg cartons, HORECA packs and unitary packaging from 400 g to 2.5 kg. Fruit pulp is delivered in stainless steel containers from 300 kg to 1000 kg, under nitrogen pressure. The company also offers subcontracted packaging of selected product and raw material storage.



More:
www.bzkalco.pl

BZK ALCO – EXPERTS AND THE BEST RAW MATERIALS ▼

BZK Alco is one of the youngest BZK Holding companies – it was established in 2016. Close cooperation with other holding companies guarantees that beverages are produced from the best raw materials.

Company experts select and buy grain from which spirits are produced. BZK Alco, unlike other producers, operates 488 distillate trays to perform up to seven distillations. It permits to obtain crystal clear alcohol without any chemical impurities (0 ppm).

Alcohol parameters are checked in a modern laboratory, using a gas chromatograph.

Thanks to advanced technology and selected raw materials, the company uses alcohol of world-class quality. Consumers will be offered a totally pure and extremely mild product.

OUR HISTORY ▼

Establishment of BZK Alco	2016	Waligóra production launched – first vodka from the BZK Alco portfolio	2017	Senator Komorowski Organic Vodka was awarded a gold medal during the 20th International Fair in the Business	2018	Three vodkas of BZK ALCO were awarded gold medals during the prestigious international Monde Selection
		The production of other alcohol brands is launched: Senator Kazimierz Wielki, Senator Komorowski Organic Vodka, Janosik		Senator Komorowski Organic Vodka is the Luxury Brand		The production of other alcohol brands is launched: cordials Senator Komorowski, Janosik, Czysta Gorzałka and others





Three vodkas of BZK ALCO were awarded gold medals during the prestigious international Monde Selection



The quality of BZK Alco products received the highest praise on the market since the very beginning. This was confirmed by three gold medals at the prestigious international competition Monde Selection 2018. The Björn vodka was awarded a silver medal at The San Francisco World Spirits Competition, and Senator Komorowski Organic Vodka a silver medal at The International Spirits Challenge 2018.

The mission of BZK Alco is to provide the highest quality alcohols, made from the best available materials. The produced drinks meet the expectations of consumers who are looking for high-quality products.

SELECTED PRODUCTS



Vodka produced from selected rye grains, grown in certified organic farms and water drawn from pure sources. It is made in a small amount using a sevenfold distillation process and multistage rectification. Therefore, Senator vodka acquires an exceptionally velvety, smooth and delicate flavor.

Alcohol content: 40%.



Vodka for men who appreciate, like the inhabitants of the North, power - as a natural feature of good alcohol. Multiple distillation and crystal-clear water ensure the high quality of the drink. Björn vodka is a unique combination of two qualities: exceptional power and velvety taste.

Alcohol content: 40 - 45%.



A vodka produced from a high-quality alcohol. This drink is perfect for long parties due to an extremely mild taste combined with the strength of a traditional vodka. quality is due to multiple distillation during which it acquires unique features.

Alcohol content: 40%.



Senator Cordial collection Komorowski refers to old tinctures made since 16th century. This semi-sweet alcohol is based on the mature fruits and aromatic spices. Cordial plum with a note of cinnamon, quince of bitter orange and lemon grass, cherry of cardamom and cranberry of thyme.

Alcohol content: 32%.



More:
www.bioagra.pl

ECOLOGY - PLANT SHOWCASE

Bioagra S.A. is currently one of the largest producers of bioethanol and ethanol produced from corn in Poland. The production plant, which is located near Nysa in the Opolskie Voivodeship, is one of the largest employers in the region. The company cooperates with nearly 1400 farmers and agricultural companies from all over the country.

The production technology is based on the license of KATZEN International Inc. (USA). It is one of the most innovative solutions in the world, characterized by a high efficiency and a relatively low energy consumption. It is based on one of the most common processes present in nature, i.e. fermentation.

The technology allows processing 100% of corn supplied to the company into full-value products. Bioagra S.A. plant uses this environmentally-friendly technology as the only one in the country and one of just a few in Europe.

Bioagra S.A. business partners include oil, pharmaceutical and chemical concerns as well as food and agricultural companies.

OUR HISTORY

Bioagra S.A. was established to build and operate the Ethanol Production Plant "Goświnowice"

2004

2009

2010

The company started buying corn in accordance with the RED Directive

2017

2018

BIOAGRA S.A. completed plant construction and started processing corn grains for ethanol

Launching an installation to produce corn oil

The company obtained ISCC certificate in 2010

Launch of first vodkas based on the consumer ethanol produced by the company

Launch of a unique reduction program of odor and noise generated by the production plant



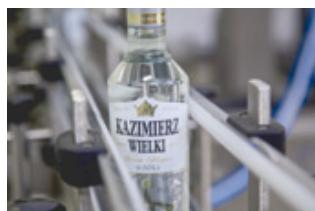


Bioagra S.A. produces three basic products from corn: ethanol, feed additives and crude corn oil. Ethanol, the main product of the company, is produced in a dehydrated form in fuel and PCK grade, as well as in technical and food grade, in the form of agricultural distillate and other types of ethanol. All production of Bioagra S.A. is conducted subject to the production procedures resulting from the use of certificates: HACCP (food), ISO 9001 (quality), ISO 14001 (environment), OHSAS 18001 (OHS) i GMP+B2 (feed standard) and ISCC (sustainable development).

The highest quality of products provided by Bioagra S.A. is ensured by the quality of the purchased grain and its proper storage, the highest technical management standards and monitoring of the production process. The infrastructure of the Ethanol Production Plant „Goświnowice” allows mixing ethanol with various additives desired by the customers.



SAMPLE PRODUCTS



Dehydrated ethanol (alcohol)

The product meets the highest quality standards required by the national regulations and those of the European Union. It holds the ISCC-EU certificate which confirms that the production is carried out subject to the principles of sustainable development.

Ethanol is mainly intended for fuels (bioethanol) and meets the requirements of PN-EN-15376, ordinance of the Minister of Economy of 14 May 2015. It also has the quality certificate required by the Act of 25 August 2006 on biocomponents and liquid biofuels.

Technical ethanol (alcohol)

Ethyl alcohol with high physical and chemical parameters for household chemicals, paints, varnishes and solvents, cosmetics industry, chemical laboratories, chemical industry, car chemistry, and also as raw material for the production of windscreen washer fluids.

Consumer ethanol (alcohol)

The product of the highest chemical purity and great sensory qualities. It meets the quality standards required by national and EU regulations, as well as stringent customer requirements related to the food uses. The product is also used in the pharmaceutical and cosmetics industry.

DDGS - Dried Distillers Grains with Solubles

DDGS is produced through the influence of physical factors on the distiller grains with solubles as a result of the processes of separation on decanters, compaction on evaporators and low-temperature drying. Thus, the highest quality protein feed is produced. DDGS is used directly in feeding meat and dairy breeds of cattle, including as an additive to TMR-type fodder.

More: www.bioagra-oil.pl



THE BIGGEST POLISH MANUFACTURER OF METHYL ESTERS AND GLYCERIN PHARMA GRADE

Bioagra-Oil operates the newest and largest plant in Poland of methyl esters, vegetable oils and glycerin pharma grade. Its construction was preceded by an investment in a modern oil mill owned by the sister company Komagra.

The combined ester plant and mill form one of the largest production complexes of this type in the country. It is an environmentally friendly plant. The company draws semifinished product via a pipeline directly from the storage tanks of Komagra. The solution allows to eliminate the transport of raw materials, reduce operating costs and significantly reduce the impact on the environment.

The location in the Katowice Special Economic Zone, the proximity of the S1 road and access to the railway network permit

Bioagra-Oil to achieve the highest efficiency of logistics processes. Company products reach customers all over Poland and are exported to EU countries. Bioagra-Oil produces 200,000 tonnes of methyl esters of plant oils and 20,000 tonnes of glycerin pharma grade. All products are manufactured from rapeseed oil, which is not genetically modified. The production is conducted in accordance with the standards of the Integrated Management System ISO 9001, ISO 14001, OHSAS 18001 and the GMP+B2 system containing elements of HACCP, as well as meeting the requirements of the European Pharmacopoeia (issue 8.0).

OUR HISTORY

Establishment of the special purpose company Bioagra-Oil S.A.

2006

The company was granted a permit to conduct business in the Katowice Special Economic Zone

The company started building a methyl ester and glycerin pharma grade production plant in Tychy

2008

Obtaining a quality certificate - meeting quality requirements for the product: methyl esters of FAME (certificate awarded by: Air Force Institute of Technology)

2009

Implementation of the Sustainable Production Development System of Biofuels and Biocomponents ISCC EU

2011

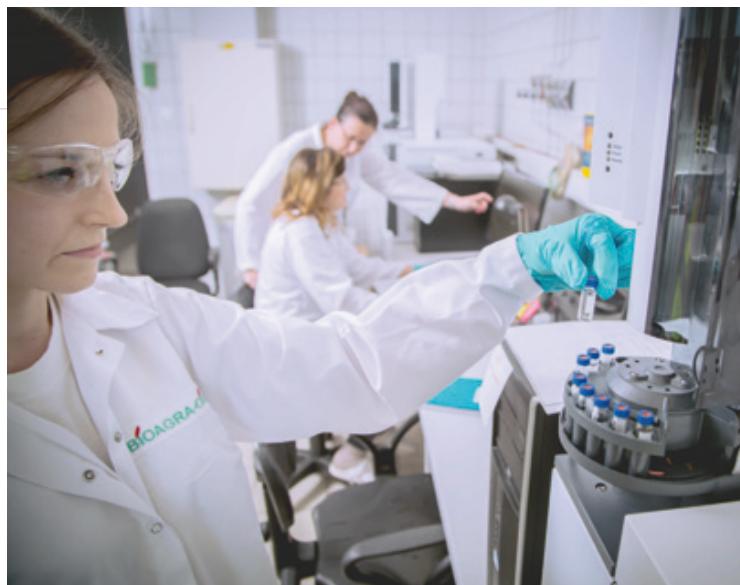
Implementation of the Integrated Management System ISO 9001:2008 (quality) / ISO 14001:2004 (environment) / OHSAS 18001:2007 (OHS) system

2012

Implementation of the Feed Safety System GMP + B2 (production of feed materials)

2015





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The plant possesses modern infrastructure for loading and unloading liquid biofuels, vegetable oils, refined glycerin, fatty acids and other raw materials used to produce esters, which can be reloaded 24 hours a day from/to railway or car cisterns.



SAMPLE PRODUCTS

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RME methyl esters (biodiesel)

Can be used as a self-contained fuel (B100) in vehicles with self-ignition engines, constitute a biological component of diesel oil (B5, B20) and constitute a raw material in the oleochemical industry. The self-contained B100 fuel can be used in diesel engines of cars and trucks, in buses, tractors and agricultural machines as well as other machines and devices. The use of methyl esters reduces the greenhouse gas emissions.

Technical glycerin

By-product in the transesterification of rapeseed oil. It is used by the industry and as a semi-finished product to produce glycerin pharma grade.

Glycerin pharma grade

First grade product of a quality consistent with the European Pharmacopoeia (issue 8.0), which is created in the process of multistage purification, distillation and rectification of crude glycerol, a byproduct of the process of transesterification of vegetable oils. Glycerin pharma grade is used, among others, in the pharmaceutical, cosmetic and food industries.

Other products

Distilled glycerin E-422 (food additive), distilled glycerin (feed material), distilled glycerin second grade.

More:
www.komagra.pl



LEADING MANUFACTURER OF RAPSEED OIL

Komagra is one of the largest Polish producers and suppliers of rapeseed oil. The oil mill in Tychy is one of the most state-of-the-art oil production plants in Poland and Europe. It consists of a complex of rapeseed stores, press, extraction section, finished product stores (oil and extracted rapeseed meal).

The company acquires raw materials directly from farms and trading companies in one of the most rapeseed-rich regions of the country. Komagra conducts a year-round purchase of raw material from all over Poland. Each year, it also concludes contracts for the cultivation of rapeseed with thousands of Polish farms. The company purchases crude rapeseed oil, processed using the extensive production capacity.

The use of advanced stamping and extraction techniques allows the company to produce the highest quality oil in terms of technical parameters relevant for obtaining methyl esters. They can be used as biocomponents for diesel oil or serve as fuel (the so-called biodiesel).

The implementation of a unique low-temperature refining process allows for the production of the highest quality rapeseed oil for food purposes. The product is manufactured in accordance with the highest quality standards pursuant to BRC/IFS, GMP+, OHSAS 18001, HACCP, SEDEX and ISCC. The Polish Center for Testing and Certification (PCBC) awarded the quality mark Q, which confirms that the oil is of the highest quality.

OUR HISTORY





ACQUISITION OF STAPIOIL ▼

Komagra processes 300,000 tonnes of rapeseed every year obtaining 180,000 tonnes of extracted rapeseed meal and 120,000 tonnes of rapeseed oil. The company produces oil in Kosów Lacki – at the oil mill, which became part of the holding company after the purchase of Staioil. Individual customers and HORECA customers are offered the Polish Rapeseed Oil. Among the edible oils available on the market it is a premium brand highly rated by individual customers and professionals.



SELECTED PRODUCTS ▼



Cooking oil

The high temperature of the smoking ($>240^{\circ}\text{C}$) and ignition point ($>300^{\circ}\text{C}$) makes it perfectly suited for frying or baking and industrial thermal processing of various food products. It contains the ideal ratio of polyunsaturated omega-6 and omega-3 fatty acids to ensure a balanced diet.



Crude normalized oil

Produced in accordance with the standards and requirements of the European Federation of Oil Industry and Feed (FEDIOL). Intended for technical use. P content: <300 ppm, FFA: $<1.75\%$.



Desludged normalized oil

Product used in food production, manufactured on the basis of Polish and European food law. The oil undergoes desludging (degumming) and neutralization (deacidification), as a result of which the content of phospholipid components and free fatty acids is significantly reduced. P content: <25 ppm, FFA: $<0.1\%$.



Extracted rapeseed meal

The production process maintains the highest security level guaranteed by the GMP + system. It is made from nongenetically modified rapeseed. Due to the high protein content it is a valuable feed component in the nutrition of livestock. The product is mainly used as an ingredient in compound feeds for ruminants, pigs and poultry.

CONTACT DATA

	Invoicing data	Office – correspondence addresses	Production plants – correspondence addresses	Registry data
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 BIOAGRA-OIL	Bioagra-Oil S.A. ul. Przemysłowa 64 43-100 Tychy NIP 524-258-74-83	Koprki, ul. Jaśminowa 27 05-850 Ożarów Mazowiecki Tel./fax: (+48) 22 532 99 60 E-mail: sekretariat@bioagra-oil.pl www.bioagra-oil.pl	Bioagra-Oil S.A. ul. Przemysłowa 64 43-100 Tychy Tel./Fax: (+48) 32 323 36 46	KRS 0000264450 Sąd Rej. w Katowicach VIII Wydz. Gosp. REGON: 140712338
 KOMAGRA	Komagra Sp. z o.o ul. Potczyńska 97A 01-303 Warszawa NIP 526-101-78-58	Koprki, ul. Jaśminowa 27 05-850 Ożarów Mazowiecki Tel.: (+48) 22 532 99 40 Fax: (+48) 22 532 99 41 E-mail: biuro@komagra.pl www.komagra.pl	Komagra Sp. z o.o Zakład Olejów Roślinnych w Tychach ul. Przemysłowa 62 43-100 Tychy Tel.: (+48) 32 323 28 41 Fax: (+48) 32 217 50 58	KRS 0000139975 Sąd Rej. dla m.st. Warszawy w Warszawie XII Wydz. Gosp. REGON: 010874910



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BZK Holding

BZK Holding aims at increasing revenues through the development of production plants, securing and extending the raw material base, as well as the broadly understood support activity for production companies. As a solely Polish entity, BZK Holding, supported by the best experts, delivers products and services of the highest quality to the Polish and foreign markets.

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