

## FOOD TECHNOLOGIES INNOVATION POTENTIAL OF THE MALOPOLSKA REGION



Klaster  
LifeScience  
Kraków

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## METHODOLOGY

The below-mentioned entities operating on the market were identified by means of research in: sector catalogs, websites of the businesses environment institutions, a Klaster Life Science proprietary database, press publications and business fair catalogs.

The entities were arranged in the following order: traditional food producers, functional food producers, organic food producers, food production support and agricultural production companies.

The entities which are food producers were divided into three categories of food: traditional, ecological and functional food.

**Organic food** – food produced in accordance with the principles of organic farming, with the exclusion of fertilizers and artificial preservatives.

**Functional food** – food that, apart from the nutritional function itself, has a beneficial effect on health, which may be physiological or psychological. This segment of food products is also often referred to as pro-health products.

**Traditional food** – food produced using production methods that do not meet the criteria of organic food production nor are they functional food products.

Each of the entities operating within the sector was characterized based on their area of expertise. And each of them was assigned certain key words, which correspond with their basic business activity. The glossary of key words was created based on how the various food products are grouped in specialized magazines and other sector sources. In addition, the glossary was supplemented with business profiles of companies related to the food industry, which are not food producers.

This catalog comprises companies active in the Malopolska region as well as members of the Klaster LifeScience, even if seated outside of the voivodeship.

The innovative potential of the industry has been presented in this report not only from the perspective of existing companies directly related to the food sector.

The presentation of the academic background revolves mainly around the study programs: Bachelor, Master and doctoral studies, as well as postgraduate programs. Only those programs were included, which provide its graduates with the opportunity to find employment in the food production, food processing or supporting technologies.

The category of business environment includes, in turn, entities, which can support the food industry in, among others, obtaining external funds, integrating the sector actors, liaising and providing market and competition analysis.

Entities presented in the section “Key Projects” were identified through researching financial institutions and by accessing the official websites of higher education institutions, research facilities and private businesses. The projects are presented in alphabetical order (by title).

Companies dealing in the sale and distribution of food products, micro companies engaged in the cultivation of vegetables and fruits, micro companies involved in the production of eggs and bakeries were deliberately excluded from this catalog.

Statistical data contained in this report were retrieved from the Central Statistical Office of Poland, the European Statistical Office (Eurostat) or from own calculations based on collected data.





## THE MALOPOLSKA REGION

The Małopolska Voivodeship is a region located in the south of Poland. Its central point is Cracow and its metropolitan area.



Area: 15,183 km<sup>2</sup>  
Number of cities: 61  
GDP per capita:  
**39 834 mln**



Population: 3.371 mln  
Unemployment rate:  
6.6 %  
Population density:  
222/km<sup>2</sup>

source: Bank Danych Lokalnych GUS  
Data for 2015

The Małopolska Voivodeship is a region where both scientific and business entities grow rapidly.

**13.5%**

13.5% of all companies operating in the Małopolska Voivodeship in 2014 were innovative.

**1.44%**

1.44% of all employees in the Małopolska Voivodeship in 2014 were R&D employees, and it was the 2nd best score in the country.

source: Bank Danych Lokalnych GUS



397 research institutions



29 universities



368,522 business entities



15,543 R&D employees



PLN 1,543.1 mln R&D expenditure



PLN 3,667 is the average monthly gross salary



134,200 agricultural farms



1,195 eco-friendly producers



164 Traditional Products registered

source: Bank Danych Lokalnych GUS  
Data for 2016



## FOOD TECHNOLOGIES

This catalog comprises companies involved in the production of traditional, functional and organic food, food production support and agricultural production.



58 traditional food producers



6 functional food producers



11 ecological food producers



18 companies involved in agricultural production



8 companies active in the food production support segment



■ other agricultural land (1.30%) ■ forests and wooded areas (10.50%)  
■ other land (8.50%) ■ agricultural land in go.. (79.70%)

The diagram shows the structure of land use in farmsteads in 2015. The total area of land used on farms increased by 13.6 hectares (2.1%) compared to data from 2014. The total area of forests and wooded areas increased by 12.4%, and the total area of other land increased by 15.7%

source: Bank Danych Lokalnych GUS



In 2015, 134,200 farmsteads owned agricultural land



1,070 farmsteads obtained the Eco Farm certifications in 2015



As many as 174 products were included in the Traditional Products List in 2015

source: Bank Danych Lokalnych GUS



In 2015, food products sales amounted to PLN 11,853.9 mln, which is PLN 600 million more than in 2014. Beverages sales amounted to PLN 863.6 mln, which is PLN 256.7 mln more than in 2014.

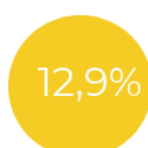


Average gross remuneration in the food production sector between 2011 and 2015 increased by PLN 430. The salary of employees employed in the beverages production sector increased in 2015 by almost PLN 650 y/y.

source: Bank Danych Lokalnych GUS



The number of students of agricultural-related study programs in the academic year 2015/2016 totaled 10,260.



of all study programs available in the academic year 2015/2016 were related to the engineering and technical studies.

source: Bank Danych Lokalnych GUS

## MARKET PLAYERS

### TRADITIONAL FOOD

**ANGELINA CHOCOLATE SP. Z O.O.** (<https://www.angelinachocolate.pl>)

**Company Profile:** The company deals in the production of custom-made chocolate products, and also sells its own products.

**Key words:** chocolate and compound chocolates

**APPOL SP. Z O.O.** (<http://appol.pl/>)

**Company Profile:** The company is involved in the production of NFC (Not From Concentrate) juices, natural flavors and dried fruit.

**Key words:** NFC juice, vegetable and fruit processing

**AMARG SP. Z O.O.** (<http://www.zpm.pl>)

**Company Profile:** The company is a producer of the Krzeszowicka margarine, oil and frying fats.

**Key words:** margarine, fats

**BACÓWKA TOWARY TRADYCYJNE SP Z O. O. SK.** (<http://bacowkatowary.pl>)

**Company Profile:** The company is a producer of traditional meat products. It has its own chain of stores.

**Key words:** Meat and luncheon meat

**BAHLEN POLSKA SP. Z O. O. SP.K.** (<http://bahlsen.pl/>)

**Company Profile:** The company is a producer of such confectionary brands as: Krakuski, Hit and Leibniz.

**Key words:** cookies, sweet and salty snacks

**BALADOR POLSKA RAFAŁ MAKULEC** (<http://www.balador.pl/>)

**Company Profile:** The company operates on the HoReCa market, offering various types of express tea mixes. The company's offer includes teas, extras for gastronomy and tea packaging.

**Key words:** tea, packaging

**BOWIKA SP. Z O.O. SK** (<http://bowika.pl/>)

**Company Profile:** The company deals in the production of powdered desserts such as puddings, jelly and kissels (juices thickened by potato flour). The manufacturer also has spices on offer.

**Key words:** instant products, spices and herbs

**BROWAR GRYBÓW BROWAR PILSWEIZER S.A.** (<http://pilsweizer.com/>)

**Company Profile:** The company produces regional beer using a traditional recipe.

**Key words:** beer and brewery

**CARLSBERG POLSKA S.A. BROWAR OKOCIM** (<http://okocim.pl/>)

**Company Profile:** The company specializes in the production of various beers.

**Key words:** beer and brewery, alcohol

**CECHINI DYSTRYBUCJA SP. Z O.O.** (<http://www.cechini-muszyna.pl/>)

**Company Profile:** The company deals in the production of mineral waters bottled in a bottling plant in Muszyna.

**Key words:** mineral waters

**COCA - COLA HBC POLSKA SP. Z O.O.** (<http://www.coca-colahellenic.pl/>)

**Company Profile:** The factory produces and distributes beverages and water products under the global brand Coca-Cola and local brands of products.

**Key words:** non-carbonated beverages and water, sodas, juices and nectars, energy and isotonic, black, colorful and herbal tea

**DAN CAKE POLONIA SP. Z O.O.** ([www.dancake.pl/](http://www.dancake.pl/))

**Company Profile:** The company is a producer of bread, including toasted breads, as well as cakes.

**Key words:** sweet and salty snacks, cakes, chocolate products and sweets, baking

**DWOREK 1905 PRZETWÓRNIA OWOCOWO-WARZYWNA**

(<http://www.dworek1905.pl/>)

**Company Profile:** The company is a producer of vegetables and soups in jars.

**Key words:** vegetable and fruit processing



**EKOBAY SP. Z O. O.** (<http://browarmalopolski.pl>)

**Company Profile:** Ekobay owns a regional brewery, which supplies two types of beer to the market, each in two flavors. The brewery's products are distributed in stores and restaurants in Malopolska.

**Key words:** beer and brewery, alcohol

**EURIAL POLSKA SP. Z O.O.** (<http://www.eurial.pl/>)

**Company Profile:** The company is a producer of dairy products for the gastronomy and the retail markets. Owner of the Merci Chef brand! The company is a Polish branch of the French dairy.

**Key words:** dairy products, cheese and cheese alternatives

**EUROWAFEL SP. Z O. O. SP. K.** (<http://eurowafel.pl/Home-2.html>)

**Company Profile:** The company specializes in the production of wafers.

**Key words:** sweet and salty snacks

**FIRMA HANDLOWO-PRODUKCYJNA JANAS SP. J.** (<http://www.firmajanas.pl/>)

**Company Profile:** The company deals in the production and distribution of products from the category of meats/sausages/poultry.

**Key words:** meat and luncheon meat

**FIRMA PRODUKCYJNO-HANDLOWA ELMAK ELŻBIETA TWORZYDŁO**

(<http://www.makaronyelmak.pl>)

**Company Profile:** The company produces pasta.

**Key words:** cereals, pasta

**„FANTIC” GÓRSZCZAK SPÓŁKA JAWNA** (<http://fantic.pl/>)

**Company Profile:** The company produces carbonated beverages, juices and mineral waters

**Key words:** non-alcoholic beverages, mineral waters

**FELIKS SAŁATKI SP. Z O.O.** (<http://www.przetwory-feliks.pl>)

**Company Profile:** The company deals in the production of vegetable salads in jars

**Key words:** vegetable and fruit processing

**FOODCARE SP. Z.O.O.** (<http://foodcare.pl>)

**Company Profile:** The company is a producer of dessert products and beverages.

**Key words:** cereal products, energy and isotonic, still drinks and water

**GRANA** (<http://www.grana.pl>)

**Opis firmy:** The company is a producer of instant beverages based on cereals, roots and fruits.

**Key words:** cereal products, coffee and instant products

**INTERSNACK POLAND SP. Z O. O..** (<http://www.intersnack.pl/>)

**Company Profile:** The company produces salty snacks, nuts, nut-based products.

**Key words:** sweet and salty snacks

**INVIVO ORGANICS S.C. JOANNA JAROSZ, ANNA Blicharska-Mól**

(<http://www.mojeconieco.pl/>)

**Company Profile:** The company deals in the production of nuts and dried fruits, for which it mainly uses regional products.

**Key words:** sweet and salty snacks

**LAJKONIK SNACKS SP. Z.O.O.** (<http://lajkonik.pl/>)

**Company Profile:** The company specializes in the production of salty snacks, such as: Kulki, Paluszki, Krakusy, Rewersy, Precelki, etc.

**Key words:** sweet and salty snacks

**KABANOS KOJS MIROSŁAW I JOANNA KOJS-KOWALCZYK SP. J.**

(<http://www.kabanos.biz.pl/pl/index>)

**Company Profile:** The company operates a meat and luncheon meat processing plant, whose products are sold in an original mountain setting.

**Key words:** meat and luncheon meat

**KOPALNIA SOLI BOCHNIA SP. Z.O.O.** (<http://kopalnia-bochnia.pl/>)

**Company Profile:** The mine produces salt.

**Key words:** salt mining, spices and sauces

**KOPALNIA SOLI WIELICZKA S.A.** (<https://www.kopalnia.pl/>)

**Company Profile:** The mine produces salt.

**Key words:** salt mining, spices and sauces

**MOLINO SP. Z.O.O.** (<http://molino.com.pl/>)

**Company Profile:** The company deals in baking corn tortillas according to a traditional Mexican recipe.

**Key words:** cereal products

**OKRĘGOWA SPÓŁDZIELNIA MLECZARSKA LIMANOWA**

(<http://www.osm-limanowa.com.pl/>)

**Company Profile:** The company specializes in the production of Dutch type cheese and curd cheese. Several of its products have been included in the list of national traditional products.

**Key words:** milk processing, cheese and cheese-like products

**OKRĘGOWA SPÓŁDZIELNIA MLECZARSKA W MIECHOWIE**

(<http://osm.miechow.pl/>)

**Company Profile:** The company produces about 60 different types of dairy products.

**Key words:** milk processing, cheese and cheese-like products

**OKRĘGOWA SPÓŁDZIELNIA MLECZARSKA W SKALE** (<http://osmskala.pl/>)

**Company Profile:** The company produces dairy products.

**Key words:** milk processing, cheese and cheese-like products

**PROFIBRA SP. Z.O.O.** (<http://profibra.pl/>)

**Company Profile:** The company is a producer of concentrates and mixtures based on potatoes with the addition of fiber. Producer of blends of spices, dried herbs and vegetables as well as gluten-free and low-protein products.

**Key words:** spices and sauces, vegetable processing

**PIERKARNIA POLANKA SP. Z.O.O.** (<http://www.piekarniapolanka.pl/>)

**Company Profile:** The company is involved in the production of bread and confectionery and pastry products.

**Key words:** baking, cookies

**PIOTR BACA PPHU AGIFA** (<http://www.kawa.agifa.pl/>)

**Company Profile:** The company deals in the roasting of coffee beans and sale of coffee. The imported grains are roasted on a regular basis, in Agifa's roasting plant, thanks to which they do not have to be stored and do not lose their aromatic and taste properties.

**Key words:** coffee and instant products

**POLSKIE ZAKŁADY ZBOŻOWE PZZ W KRAKOWIE S.A.**

(<http://www.pzzkrakow.com.pl/>)

**Company Profile:** The company is involved in the production of bakery flour.

**Key words:** cereal products

**PPH ANKORP SP.ZO.O.** (<http://www.musztardykonik.pl/>)

**Company Profile:** The company manufactures mustard, which is prepared on the basis of traditional recipes.

**Key words:** spices and sauces

**PPHU THIER S.C. AGNIESZKA THIER, MAREK THIER** ([www.malopolankazdroj.pl/](http://www.malopolankazdroj.pl/))

**Company Profile:** The company manufactures natural mineral water Małopolanka Zdrój.

**Key words:** non-carbonated drinks and water

**PRZEDSIĘBIORSTWO PRODUKCJI LODÓW KORAL JÓZEF KORAL S.J.**

(<http://koral.com.pl/>)

**Company Profile:** The company is a producer of ice cream. The company's range mainly includes impulse ice cream and a wide selection of ice cream in family packaging.

**Key words:** ice-cream

**ROLESKI SP. J.** (<http://republikaroleski.pl/>)

**Company Profile:** The company produces dressings: ketchups, concentrates, mayonnaise sauces and mustards.

**Key words:** mustards, dressings

**SADECKA GRUPA PRODUCENTÓW JAJ AGRO-FERMA SP. Z O.O.**

(<http://www.agroferma.com.pl/pl/>)

**Company Profile:** The company brings together eight poultry companies, and is responsible for egg packaging and selection.

**Key words:** egg production

**SADECKA GRUPA PRODUCENTÓW OWOCÓW I WARZYW**

„OWOC ŁĄCKI” SP. Z O.O. (<http://www.owoclacki.pl/>)

**Company Profile:** The company produces fresh vegetables and fruits, fruit and vegetable juices and concentrates.

**Key words:** vegetable and fruit processing, juices, fresh vegetables and fruits

**SPÓŁDZIELNIA MLECZARSKA W WIEPRZU** (<http://www.smwieprz.pl/>)

**Company Profile:** The company produces various types of dairy products.

**Key words:** milk processing, cheese and cheese-like products

**SZCZYRZYCKI BROWAR CYSTERSÓW GRYF ADAM CZEPIEL & WSPÓLNICY S.K.**

(<http://www.browarszczyrzyc.pl/index.php>)

**Company Profile:** Producer of beer.

**Key words:** brewery and beer, alcohol

**SOKOŁÓW S.A. BRANCH IN TARNÓW**

**Company Profile:** It is one of several production plants of Sokołów S.A., specializing in the production of meat and luncheon meat products.

**Key words:** meat and luncheon meat

**TYMBARK MWS SP. Z O.O. SP.K** (<https://tymbark.com/>)

**Company Profile:** The company specializes in the production of juices, drinks and nectars from fruits and vegetables.

**Key words:** fruit and vegetable processing, drinks

**TEEKANNE POLSKA SP. Z O.O.** (<http://www.teekanne.pl/>)

**Company Profile:** The company is a producer of various types of teas.

**Key words:** black, fruit and herbal teas, express teas



**WĘDZONKA SP. Z.O.O.** (<http://www.wedzonka.com/>)

**Company Profile:** Producer of luncheon meat products based on traditional recipes and raw materials from organic farms.

**Key words:** meat and luncheon meat

**WINNICA UNIWERSYTETU JAGIELLOŃSKIEGO** (<http://winnica-uj.pl/>)

**Company Profile:** The vineyard on Dworski Potok is involved in the production of university wines.

**Key words:** wine, vineyard, alcohol

**WAWEL S.A.** (<https://www.wawel.com.pl/pl/>)

**Company Profile:** The company offers several dozen types of products, including: chocolate, chocolate bars, stuffed chocolates, chocolate boxes, wafers, plums in chocolate and candies.

**Key words:** confectionery, chocolate, cookies

**WOSANA S.A.** (<http://www.wosana.pl/pl/>)

**Company Profile:** The company deals in the production of juices, drinks and mineral waters.

**Key words:** non-alcoholic beverages, water, spirulina

**ZAKŁAD MIĘSNY ROBERT TYRAN ROBERT TYRAN, AGATA TYRAN S.C.**

(<http://www.zmtyrzan.pl>)

**Company Profile:** The company mainly deals with the cutting and production of processed meat products.

**Key words:** meat and luncheon meat

**ZAKŁAD PRODUKCYJNO-HANDLOWO-USŁUGOWY "MARS" ANDRZEJ MICHNIAK**

(<http://www.octownia.com>)

**Company Profile:** The company deals in the production of spirit vinegar, apple vinegar and wine vinegar.

**Key words:** vinegar

**ZAKŁAD PRZETWÓRSTWA MLECZARSKIEGO DOMINIK SP. Z O. O.**

(<http://www.zpm-dominik.pl/>)

**Company Profile:** The company is a processing plant and a dairy wholesaler.

**Key words:** production, dairy products, cheese and cheese alternatives

**ZAKŁADY MIĘSNE SZUBRYT WOJCIECH SZUBRYT** (<http://www.szubryt.pl>)

**Company Profile:** The company deals in the production and distribution of cold meat products.

**Key words:** meat and luncheon meat

**ZAKŁADY MIĘSNE WADOWICE SP. Z O. O.** (<http://www.zmwadowice.pl/>)

**Company Profile:** The company deals in the production and distribution of meat and cold meat products. It also sells ready-made products.

**Key words:** meat and luncheon meat

**ZAKŁADY PRZEMYSŁU CUKIERNICZEGO SKAWA S.A.**

(<http://www.skawa.com.pl/pl>)

**Company Profile:** The company is a manufacturer of several types of confectionery: wafers, dragees and gingerbreads.

**Key words:** confectionery, chocolate, cookies

**ŻYWIEC ZDRÓJ S.A.** (<https://www.zywiec-zdroj.pl/>)

**Company Profile:** The company is one of the key producers of mineral water in Poland, owned by Danone.

**Key words:** non-carbonated drinks and water

## FUNCTIONAL FOOD

### **CUKIERNIA BROSZKIEWICZ, WŁODARZCYK S.J.**

**Company Profile:** The company is involved in the production of bread and confectionery and pastry products and is conducting a research project whose aim is to develop a recipe of cookies and functional ice cream.

**Key words:** functional ice cream

### **KRAKOWSKIE ZAKŁADY ZIELARSKIE HERBAPOL W KRAKOWIE S.A.**

(<http://herbapol.krakow.pl/>)

**Company Profile:** The company manufactures herbal products for healing purposes. The production uses starting materials and packaging from supervised plantations and from qualified and approved suppliers. Its range of products also includes food mixtures for domestic and farm animals.

**Key words:** herbal medicine, herbs

### **OSHEE POLSKA SP. Z O. O. (<http://www.oshee.eu/>)**

**Company Profile:** Producer of mainly isotonic drinks and mineral water Kinga Pienińska. The company's offer includes more than 50 products.

**Key words:** energy and isotonic drinks, non-carbonated drinks and water

### **PIWNICZANKA SP. PRACY (<http://piwniczanka.pl/>)**

**Company Profile:** The company deals in the production of mineral and flavored waters.

**Key words:** healing waters, functional beverages

### **UNIPRO SP. Z.O.O. (<http://www.uniproinfo.pl/index.html>)**

**Company Profile:** The company deals in the production of functional foods, specializing mainly in soups.

**Key words:** soups

### **UZDROWISKO WYSOWA S.A. (<http://www.uzdrowisko-wysowa.pl/>)**

**Company Profile:** The company deals with spa treatment and rehabilitation as well as the production of mineral, medicinal and flavored waters.

**Key words:** healing waters, functional drinks

## ECOLOGICAL FOOD

**ALINA KALFAS ZPHU** (<http://www.kochanow.eu/>)

**Company Profile:** The company produces sourdoughs for bison, white and red borscht based on products from organic farms.

**Key words:** organic products, sourdough

**BATOM.PL JÓZEF LEŚNIAK** (<http://www.batom.pl/>)

**Company Profile:** The company is a wholesaler of healthy and organic food, runs an online store and produces its own Batom product line.

**Key words:** fruit processing, cereal products

**GRAŻYNA GREGORCZYK FIRMA PRODUKCYJNO-HANDLOWA ANIA**

(<http://bioania.pl/>)

**Company Profile:** The company specializes in the production of organic pastry products.

**Key words:** confectionery, cakes

**GRZEGORZ MUCHA P.O.W. KAMIONNA** (<http://www.kamionna.com/>)

**Company Profile:** The company deals in the production of certified, organic food, processed fruit in jars and glass bottles. It also runs an organic fruit farm with wholesale fruit sales.

**Key words:** fruit and vegetable processing, fresh vegetables and fruits

**JANUSZ KOZA ZPO** (<http://sokzgor.pl/>)

**Company Profile:** The company deals in the production of natural, turbid pressed juices.

**Key words:** fruit and vegetable processing, NFC juices

**PAULINA ŚWIDERGAŁ BIOGRA** (<https://diogra.pl>)

**Company Profile:** The company deals in the production of products based on spelt: grains, flakes, flour.

**Key words:** cereals and cereal products

**PIK PIECZYRAK, KUREK S.J.** (<http://www.visana.pl/>)

**Company Profile:** The company deals in the production of vegetable and herbal spices from natural plant materials.

**Key words:** spices and sauces, herbs

**POLAN POLSKO-FRANCUZKA SP. Z.O.O. JOINT VENTURE** (<http://www.polan.pl/>)

**Company Profile:** The company's specialty are vegetable preserves prepared on the basis of Slavic recipes. The company also produces organic vegetarian ready meals and other organic food products.

**Key words:** vegetable preserves, fruit and vegetable processing, delicatessen

**PPIH TŁOCZNIA MAURER KRZYSZTOF MAURER** (<http://www.maurer.com.pl/>)

**Company Profile:** Production in the family's farm of natural freshly-pressed juice and alcoholic beverages. Maurer's juices have received the Organic Agriculture Certificate, and have won the Our Culinary Heritage competition several times.

**Key words:** fruit and vegetable processing, NFC juices

**TŁOCZNIA OWOCÓW PAWŁOWSKI ANTONI MARCIN PAWŁOWSKI**  
(<http://www.sokipawlowski.pl/>)

**Company Profile:** The company produces pressed juices based on fruit from the family orchard.

**Key words:** fruit and vegetable processing, NFC juices

**WYTWÓRNIA ARTYKUŁÓW BEZGLUTENOWYCH BEZGLUTEN S.C.**

**MARIUSZ KOCZWARA, MAGDALENA STEFANIK** (<http://www.bezgluten.pl/>)

**Company Profile:** The company deals in the production of gluten-free and low-protein foodstuffs, containing no wheat starch, eggs and milk.

**Key words:** gluten-free products, lactose-free products



## FOOD PRODUCTION SUPPORT

**ALUPOL FILMS SP. Z.O.O.** (<http://www.alupolfilms.eu/>)

**Company Profile:** The company specializes in the production of polypropylene BOPP film, polyester BOPET, polyethylene LDPE, high barrier HBF9™ with EVOH, PA and HDPE used in the food industry.

**Key words:** packaging, film

**BIODAR DOROTA FLAGA** (<http://www.biodar.com.pl/>)

**Company Profile:** The company deals in the cultivation of beneficial organisms which can be used in both agriculture and horticulture.

**Key words:** beekeeping, habitat plate, breeding, gardening

**BOLARUS S.A.** (<http://www.bolarus.com.pl/pl>)

**Company Profile:** The company is a manufacturer of refrigeration and low temperature equipment. It offers cooling solutions for the grocery and supermarket industry, the HoReCa sector and gastronomy as well as medicine, laboratories and pharmacy.

**Key words:** refrigeration devices, low-temperature devices, cooling solutions

**CAN-PACK S.A.** (<http://www.canpack.eu/>)

**Company Profile:** The company operates on the market of metal packaging and specializes in the production of beverage packaging: beverage cans, food and chemical packaging, glass packaging and bottle closures.

**Key words:** packaging of beverages, cans, packaging

**DESINA SP. Z.O.O.** (<http://www.designa.com.pl/>)

**Company Profile:** The company deals with providing industrial research and development work to Polish entrepreneurs. It specializes in several key areas of the economy and cooperates with know-how and technology transfer centers.

**Key words:** industrial research, food analytics

**ELEKTROTECHNIKA TAR SP. Z.O.O.** (<http://elektrotechnika-tar.pl/>)

**Company Profile:** The company is a producer of LDPE polyethylene packaging films with shrink performance and polyethylene LLDPE shrink films.

**Key words:** packaging, bioactive film, polyethylene film

**EUROSYSTEMPRO SP. Z O.O.** (<http://eurosystempro.pl/>)

**Company Profile:** The company's activity is focused on the following areas: trade, investment activity and R&D. It carries out food production processes research in its Institute of Functional Food.

**Key words:** food analytics, functional food, development works

**FABIOS S.A.** (<http://www.fabios.com.pl/>)

**Company Profile:** The company deals in the production of protein casings of various types, calibers and colors, intended mainly for the meat industry, for the production of luncheon meat products and for other food products.

**Key words:** collagen casings, protein casings

**FHU ODROLNIKA JAN CZAJA** (<http://odrolnika.pl/index.php> ;  
<http://www.paczkaodrolnika.pl/>)

**Company Profile:** The company implements the project [paczkaodrolnika.pl](http://www.paczkaodrolnika.pl), which associates a group of farmers selling goods directly under a common brand. As part of the project, the so-called "open meetings with farmers" are organized during the year.

**Key words:** direct sales, ecological products

**FONTE SP. ZO.O.** (<http://fontezator.pl/>)

**Company Profile:** The company manufactures and sells PET preforms for packaging of carbonated and non-carbonated water and other types of beverages.

**Key words:** production, PET preforms, packaging, beverages

**KEDAR RADOSŁAW PODYMA** (<http://www.kedarpak.pl/>)

**Company Profile:** The company deals in the production of cardboard packaging, inter alia for the confectionery industry.

**Key words:** carton packaging, packaging

**KEDAR RADOSŁAW PODYMA** (<http://www.multipress.pl/>)

**Company Profile:** The company manufactures cardboard packaging and labels in offset and flexo technologies.

**Key words:** cardboard packaging, packaging, labels

**OPAX SP. Z.O.O. S.K.** (<http://www.opax.pl/>)

**Company Profile:** A company specializing in the production of cardboard packaging. It mainly produces solid cardboard packaging, laminated, corrugated board, machine-wrapped.

**Key words:** packaging, cardboard packaging

**PACK PLUS SP. Z.O.O. SP.K.** (<http://packplus.com.pl/>)

**Company Profile:** The company deals in the production of packaging from solid, laminated cardboard and paper labels.

**Key words:** packaging, cardboard packaging

**REGIS SP. Z.O.O** (<http://www.regisfood.com/pl>)

**Company Profile:** It provides technological support for the food industry. The company REGIS Sp. z o.o. has a license for the production and distribution of the Activlab and Smakovita brands. The company's product offer includes functional additives and natural spices for the meat processing industry, nutrients and supplements for athletes, meat powders, meat broths in powder.

**Key words:** carrageenan preparations, natural spices, food additives

**STANFLEX STANISŁAW BOGDAŁ** (<http://www.stanflex.pl/>)

**Company Profile:** The company deals in the production, consultancy and assembly of cultivation gutters for strawberries, tomatoes, cucumbers, peppers and other.

**Key words:** cultivation gutters, eco-innovative subsoil

**WERNER KENKEL BOCHNIA SP. Z.O.O.** (<http://www.wernerkenkel.com.pl/>)

**Company Profile:** The company is a producer of corrugated board, packaging with flexographic and offset printing and POS materials (Point of Sale: stands, displays).

**Key words:** packaging, POS materials, cardboard packaging

**WESSLING POLSKA SP. Z.O.O.** (<http://pl.wessling-group.com/pl/>)

**Company Profile:** The company provides services in the field of chemical and microbiological analytics, quality control and consultancy for new investments as well as advisory services relating to the requirements of the Environmental Protection Law, including food analysis and labeling of foodstuffs.

**Key words:** research, food, food analytics, laboratory

## AGRICULTURAL PRODUCTION

**DROBTAR SP. Z O.O.** (<http://www.drobtar.com.pl/>)

**Company profile:** The company specializes in the cutting and packaging of poultry, mainly chicken and turkey.

**Key words:** meat and luncheon meat, poultry production

**KRAKOWSKA HODOWLA I NASIENNICTWO OGRODNICZE POLAN SP. Z.O.O.** (<http://nasiona.pl/>)

**Company Profile:** The company deals in the production and cultivation of flower and vegetable seeds. As part of this activity, it operates a Garden Center, which offers gardening tools and equipment.

**Key words:** seeding, plant productivity, gardening

**KONSPOL HOLDING SP. Z.O.O.** (<http://www.konspol.com.pl/>)

**Company Profile:** The company 's activity revolves around chicken production and processing.

**Key words:** chicken production, meat production

**MAŁOPOLSKA HODOWLA ROŚLIN SP. Z.O.O.** (<http://hbp.pl/pl>)

**Company Profile:** The company's main activity areas are creative and conservative farming of agricultural plants, seed reproduction, marketing of seed material as well as agricultural and service activities. Since 2012, it has also been involved in the breeding of Arabian horses in the Stado Ogierów ranch in Białka.

**Key words:** seeding, plant productivity, gardening

**OŚRODEK HODOWLI ZARODOWEJ W OSIEKU SP. Z.O.O.** (<https://www.ohzosiek.pl/>)

**Company Profile:** The company deals in dairy cattle breeding based on the genome identification of animals and embryo transfer, as well as the production of milk, fish and crop plants: cereals and rape.

**Key words:** arable crops, cattle production, milk production, fish production, meat production

**PPHU MARKAM ANDRZEJ MALER SKOLARUS** (<http://markam.pl/>)

**Company Profile:** The company's main areas of activity are crop cultivation, pig breeding, animal slaughter, meat processing and meat and luncheon meat trade.

**Key words:** meat production, pig farming, meat and luncheon meat

**SADOWNICZY ZAKŁAD DOŚWIADCZALNY INSTYTUTU OGRODNICTWA BRZEZNA**

**SP. Z O. O.** (<http://www.brzezna.pl/>)

**Company Profile:** The company conducts scientific research, dissemination of orchard knowledge and production of orcharding materials, as well as fruit cultivation, including mainly raspberries and blackberries.

**Key words:** plant physiology, plant productivity, orcharding

**USŁUGI ROLNICZE JAGUAR ROBERT KOWAL**

**Company Profile:** Organic plant and meat production.

**Key words:** innovative cowshed, agricultural innovation



## OTHER

**KLUB JAGIELLOŃSKI SP. Z.O.O.** (<https://www.pola-app.pl/>)

**Company Profile:** The company is responsible for creating the POLA application – an application, which promotes Polish food.

**Key words:** mobile application, code reader, barcodes, database of Polish producers

**OKPL S.C.** (<http://dillons.pl/>)

**Company Profile:** Manufacturer of liquids and e-flavors for electronic cigarettes.

**Key words:** production, e-cigarette, e-aromas, electronic cigarette

## CHARACTERISTICS OF KEY PLAYERS

**AMPLUSFOODS SP. Z O.O.**(<https://amplusfoods.com/>)

**Company Profile:** The company is an importer and distributor of fruit and vegetables from over a dozen countries around the world. In addition, its activities include the production and export of organic food, mainly multi-vegetable pastes. The company invests in innovations in the field of modernization of processing (including the use of Big Data technology and business intelligence) and wants to invest in the support of suppliers of agricultural products with which it cooperates. In 2017 Amplus together with Tauron and Kross created the Pilot Maker program, under which start-ups can obtain funds for designing solutions required by financing companies. Amplus is in need of a system that would optimize production, and it also wants to invest in solutions that prolong fruit and vegetable durability.

**Key words:** production, organic food

**MASPEX-GMW SP. Z O. O. SP. KOMANDYTOWO-AKCYJNA**

(<https://maspex.com/>)

**Company Profile:** Producer of juices, nectars and instant products (cappuccino coffee, cocoa powder, coffee powder creamers and soluble teas), pasta, jams, ketchups and sauces, ready meals and vegetable preserves. The company is present on the Central and Eastern European market and focuses its activities on this region. Maspex has expanded its presence on the market by acquiring local entities. In October 2017, it announced the purchase of a Bulgarian producer of mineral water Aquarex AD, which has a 10% share of the Bulgarian water market. In 2016, the company acquired external funds for the modernization of existing and the introduction of new innovative technologies in its fruit and vegetable processing plants.

**Key words:** traditional food, production, non-carbonated drinks and water, juices and nectars, cereal products, coffee and instant products

**PHILIPS MORRIS POLSKA S.A.** (<https://www.pmi.com/markets/poland/pl>)

**Company Profile:** The company is a producer of tobacco products and it produces three brands of cigarettes on the Polish tobacco market: Marlboro, L&M and Chesterfield. In 2014, the company completed the expansion of its production plants. In 2017, Philips Morris launched the IQOS product — an innovative tobacco heating system, which is to replace the full combustion method. As a result, the product does not emit tobacco smoke and leaves no ash.

**Key words:** production, tobacco products, tobacco industry, cigarettes

**POLINDUS SP. Z O. O.** (<http://www.polindus.com.pl/>)

**Company Profile:** The company is involved in the production of dairy products. It also offers other products, such as: skimmed milk powder, sweet whey powder and the Fat Filled Milk Powder Instant formula. The entity is part of the Polindus-Laktopol Capital Group. The company's production plants are located in Suwałki, Łosice and Gąsewo.

**Key words:** traditional food, production, milk processing

**UNIMIĘS S.A.** (<http://www.unimies.com.pl>)

**Company profile:** Unimięś is the largest food producer in the Malopolska region and one of the largest food producers in the country. The product range of the company consists of luncheon meat products, which are distributed, among others, in its own commercial establishments. The company prides itself on having one of the most cutting-edge meat cutting lines.

**Key words:** traditional food, production, meat and luncheon meat

**WAWEL S.A.** (<https://www.wawel.com.pl/pl/>)

**Company Profile:** The company offers several dozen types of products, including: chocolate, chocolate bars, stuffed chocolates, chocolate boxes, wafers, plums in chocolate and candies. In 2006, the company moved and consolidated its production in Dobczyce near Cracow, where in July 2017 a new production hall was opened. The entire investment cost over PLN 100 million, and one of the goals of expanding and modernizing the production line – in addition to increasing production capacity – was to eliminate preservatives and artificial additives from the production process.

**Key words:** production, confectionery, chocolate

## BUSINESS ENVIRONMENT

### **ANDRZEJ DZIEDZIC PARTNER KRAKÓW**

(<http://www.partnerkrakow.pl/index.php>)

**Area of activity:** Consulting and marketing

**Company Profile:** The company provides support for the development of agricultural companies.

**Key words:** marketing, fund raising

### **BIAN-BIURO INFORMACJI I ANALIZ NAUKOWYCH** (<http://www.bian.pl/>)

**Area of activity:** Consulting and marketing

**Company Profile:** The company provides consulting and advisory services as well as research and analytical services and supports the business in raising funds for development. The company's offer is also directed to entities related to the food sector.

**Key words:** brokerage services, knowledge transfer

### **BIOCERT MAŁOPOLSKA SP. Z O.O.** (<http://www.biocert.pl/>)

**Area of activity:** Research and certification

**Company profile:** Biocert is a certification body, authorized to certify crops and organic food.

**Key words:** food certification, organic food

### **CENTRUM DORADZTWA ROLNICZEGO W BRWINOWIE BRANCH IN CRACOW**

(<http://cdrkursy.edu.pl/cdr/index.php?lang=pl>)

**Area of activity:** Consulting and marketing

**Company Profile:** The Cracow branch implements all the tasks set out in the national legal provisions imposed on the Agricultural Advisory Center in Brwinów, and in particular any tasks relating to rural tourism support, local environment activation, rural cultural heritage, regional product promotion and support for non-agricultural forms of economic activity of farmers and their families.

**Key words:** agricultural environment, training, agriculture and rural development

### **COBICO SP.ZO.O.** (<http://www.cobico.pl/>)

**Area of activity:** Certification and research

**Company Profile:** The company is involved in the certification of organic farming and research of packaging and packaging materials.

**Key words:** certification, ecology, ecological products, packaging

**CENTRUM TRANSFERU TECHNOLOGII AGH** (<http://www.ctt.agh.edu.pl/>)

**Area of activity:** Transfer of technological know-how

**Company Profile:** An extra-departmental organizational unit of the AGH University of Science and Technology. Its task is to support the processes of commercialization and transfer of innovative technologies and know-how.

**Key words:** technology transfer, innovation support

**INTECH PK SP. ZO.O.** (<http://www.intechpk.pl/>)

**Company Profile:** A special-purpose company of the Cracow University of Technology dealing with the transfer of knowledge and cooperation between science and business. Its key activities are the commercialization of the results of scientific research and development works.

**Key words:** technology transfer, innovation support

**INFOBROKERSKA** ([www.infobrokerska.pl](http://www.infobrokerska.pl))

**Area of activity:** Consulting and marketing

**Company Profile:** Infobrokerska provides business support, with its main areas of expertise being market analysis, market potential research and the identification of business partners. The company's offer is also directed to entities related to the food sector.

**Key words:** competitive analysis, marketing strategy, market intelligence

**JAGIELLOŃSKIE CENTRUM INNOWACJI SP. Z.O.O.** (<http://innowacje-ur.pl/>)

**Area of activity:** Life science infrastructure

**Company Profile:** Laboratories and research services. The JCI Quality Institute for cosmetics manufacturers, dietary supplements and healthy food. Conducting clinical trials and research and development projects in the field of medicine and related sciences. Research services in the field of biological analysis, chemical analysis, structural analysis and drug forms, surface analysis, medical diagnostics and tissue engineering.

**Słowa kluczowe:** clinical research, biological analysis, chemical analysis

**JCI VENCURE Sp. z o.o.** (<http://jciventure.pl/>)

**Area of activity:** Venture Capital / Seed Fund

**Company Profile:** The company invests in projects and start-ups from the life science industry.

**Key words:** investor, seed fund, seed fund

**KANCELARIA TRAPLE KONARSKI PODRECKI I WSPÓLNICY SP. J.** ([www.traple.pl](http://www.traple.pl))

**Area of activity:** Legal services

**Company Profile:** The law firm specializes in intellectual property law, competition law and corporate business services. The law firm has experience in providing legal advice to entities in the food and agricultural industry.

**Key words:** advisory, law

**KG LEGAL KANCELARIA RADCÓW PRAWNYCH I TŁUMACZY PRZYSIĘGLYCH** ([www.kg-legal.pl/](http://www.kg-legal.pl/))

**Area of activity:** Consulting and marketing

**Company Profile:** The law firm specializes in language and legal services. It provides professional language and translation support. The firm has experience in dealing with food market entities.

**Key words:** translation, advisory

**KPPM DORADZTWO SP. Z O.O.** (<http://kppmd.pl/>)

**Area of activity:** Consulting and marketing

**Company Profile:** A consulting company specializing in comprehensive project services and obtaining subsidies from the European Union and other available sources. The company cooperates with entities from the broadly understood life science industry.

**Key words:** consulting services, subsidies

**KRAKOWSKI PARK TECHNOLOGICZNY SP. Z O.O.** ([www.kpt.krakow.pl/](http://www.kpt.krakow.pl/))

**Area of activity:** Life Science infrastructure

**Company Profile:** A business environment institution that supports the economic development and entrepreneurship in the Malopolska region. It builds coalitions and cooperation platforms, which may also be of use to the food industry.

**Key words:** business support, development strategies

**MAŁOPOLSKA REGIONAL DEVELOPMENT AGENCY (MARR S.A.)** ([www.marr.pl/](http://www.marr.pl/))

**Area of activity:** Consulting and advisory

**Company Profile:** A regional institution, which supports the regional development and which helps governmental and regional authorities to shape the policy of innovative development of the region. It provides services in the area of obtaining EU funds and helps to effectively invest in the Malopolska region from which also the food industry can benefit.

**Key words:** EU subsidies, financial support

**MAŁOPOLSKA IZBA ROLNICZA** (<http://www.mir.krakow.pl/>)

**Area of activity:** Development support

**Company Profile:** The Chamber acts for the benefit of the agriculture sector, taking into account the specific features of the Malopolska region. It also contributes to the national agricultural policy and participates in its implementation.

**Key words:** consulting, agriculture and rural development

**MAŁOPOLSKI OŚRODEK DORADZCTWA ROLNICZEGO** (<http://www.modr.pl/>)

**Area of activity:** Development support

**Company Profile:** It is a consulting enterprise that provides comprehensive agricultural consulting services. It operates within the rural and agricultural environments.

**Key words:** training, consulting, agriculture and rural development

**PMR CONSULTING & RESEARCH SP. Z O.O.** (<http://www.pmrconsulting.com>)

**Area of activity:** Consulting and marketing

**Company Profile:** The company implements consulting projects aimed at the optimization of distribution and the analysis of the economic potential of selected countries and markets, which may be used as support for the food industry.

**Key words:** consulting

**SĄDECKA AGENCJA ROZWOJU REGIONALNEGO** (<http://sarr.com.pl>)

**Area of activity:** Consulting and advisory

**Company Profile:** The basic objective of the Agency is to conduct activities aimed at developing the Nowy Sącz region and the entities operating within that area.

**Key words:** innovation support

**SCHOLAGENE** (<http://scholagene.pl/>)

**Area of activity:** Consulting and marketing

**Company Profile:** The company conducts training, consulting and translation activities for the life science industry, including for the food production and technology segment. It is also involved in the distribution of semi-finished products for laboratories. It conducts trainings and advisory services related to the acquisition of highly qualified employees.

**Key words:** consulting, recruitment, translations



**TARGI W KRAKOWIE SP. Z O.O.** (<https://www.targi.krakow.pl/>)

**Area of activity:** Organization of industry events

**Company Profile:** The company organizes fairs and congresses, including those related to the food industry, presented in the "Key sector events" section of this report.

**Key words:** organization of conferences, fairs

## NGOs

### **BANK ŻYWNOŚCI W KRAKOWIE** (<http://www.krakow.bankizywnosci.pl/>)

**Company Profile:** The Food Bank's goal is to stop wasting food in the Malopolska region through, among others, requesting food from the food producers and distributors that will no longer be sold.

**Key words:** Food bank

### **GASTROMALL GROUP** (<http://www.gastromallgroup.pl/>)

**Company Profile:** The Gastromall Group is a consortium of two companies – Olimp and Alaska. Its strategic goal is to create a chain of restaurants, cafés and ice cream parlors and new gastronomic concepts, focused on providing food produced in-house or from proven local suppliers.

**Key words:** gastronomy, organic products, food quality

### **KLASTER LIFESCIENCE KRAKÓW FOUNDATION** (<http://lifescience.pl/>)

**Description:** The foundation's aim is to make the best use of the potential of the Klaster LifeScience initiative, to take up the challenges faced by the Malopolska bio-region, and to effectively use the development opportunities in the field of life science and biotechnology.

**Key words:** regional development

### **INTERNATIONAL COALITION TO PROTECT THE POLISH COUNTRYSIDE FOUNDATION** (<http://icppc.pl/index.php/pl/>)

**Company Profile:** The foundation's mission is, inter alia, to: contribute to the improvement of the natural environment in Poland and around the world, to protect biodiversity, promote eco-technologies, and develop organic farming and eco-processing.

**Key words:** agricultural environment, agricultural and rural development, ecology

### **TARG PIETRUSZKOWY FOUNDATION** (<http://targpietruskowy.pl/kontakt/>)

**Company Profile:** The Foundation runs a parsley market in Cracow, i.e. an organic food market, where products from certified farms are sold.

**Key words:** organic food, sale of vegetables and fruit

**KRAKOWSKI KLASTER GASTRONOMICZNY** (<http://www.krakowskiklaster.pl/>)

**Area of activity:** Development support

**Company Profile:** The Cracow Gastronomy Cluster is an open initiative of the regional companies and associations, aimed at including in its offer ready-made functional dishes for the HoReCa industry, which are alternative to what is offered by global corporations.

**Key words:** food quality

**MAŁOPOLSKIE STOWARZYSZENIE DORADZTWA ROLNICZEGO**

(<http://msdr.edu.pl/>)

**Company Profile:** The Association's activity is aimed at integrating the scientific community with agricultural businesses through educational innovative activities supporting the development of agriculture and rural areas in the region of south-eastern Poland, and in particular in the area of the Malopolska region.

**Key words:** training, consulting, agriculture and rural development

**MAŁOPOLSKIE STOWARZYSZENIE ROLNIKÓW EKOLOGICZNYCH NATURA**

(<http://www.natura.krakow.pl/>)

**Company Profile:** The aim of the association is to help organic farmers from the Malopolska region to promote and sell food on the market.

**Key words:** support for the agriculture sector, food sales, ecology

**STOWARZYSZENIE GRUPA ODROLNIKA** ([www.grupa.odrolnika.pl/](http://www.grupa.odrolnika.pl/))

**Company Profile:** It is a representative body of many constituents, consisting of representatives of farmers, consumers, pro-ecological circles, the media, as well as private individuals. Its mission is to create and support initiatives fostering small traditional farms, old animal species and old plant varieties.

**Key words:** agricultural support, consultancy, direct sales

## EDUCATION

The following tables contain lists of fields of study which are directly or indirectly related to food production and processing. They include study programs, which focus on agricultural production, animal husbandry, horticulture as well as programs with a technological profile (such as management and production engineering), whose graduates are employed in manufacturing enterprises of diverse profiles.

AGH UNIVERSITY OF SCIENCE AND TECHNOLOGY <a href="http://www.agh.edu.pl/">http://www.agh.edu.pl/</a>			
Organizational unit	Field of study	Degree	Link
<b>FACULTY OF NON-FERROUS METALS</b>	Production management and engineering	1st and 2nd cycle degree, postgraduate studies (together with the Faculty of Management)	<a href="#"><u>www</u></a>

CRACOW UNIVERSITY OF TECHNOLOGY <a href="http://www.pk.edu.pl">http://www.pk.edu.pl</a>			
Organizational unit	Field of study	Degree	Link
<b>FACULTY OF TECHNOLOGY AND CHEMICAL ENGINEERING</b>	Biotechnology	1st and 2nd cycle and doctoral degree	<a href="#"><u>www</u></a>

JAGIELLONIAN UNIVERSITY IN CRACOW <a href="http://www.uj.edu.pl">http://www.uj.edu.pl</a>			
Organizational unit	Field of study	Degree	Link
<b>FACULTY OF BIOCHEMISTRY, BIOPHYSICS AND BIOTECHNOLOGY</b>	Biotechnology	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
<b>FACULTY OF CHEMISTRY</b>	Environmental protection	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
	Ecology and evolution (in English)	2nd cycle degree	<a href="#"><u>www</u></a>
<b>FACULTY OF PHARMACY</b>	Oenology	postgraduate studies	<a href="#"><u>www</u></a>

UNIVERSITY OF AGRICULTURE IN CRACOW <a href="http://www.urk.edu.pl">http://www.urk.edu.pl</a>			
Organizational unit	Field of study	Degree	Link
<b>FACULTY OF BIOTECHNOLOGY AND HORTICULTURE</b>	Biotechnology	1st and 2nd cycle and doctorate degree	<a href="#"><u>www</u></a>
	Horticulture	1st and 2nd cycle and doctorate degree	<a href="#"><u>www</u></a>
	Technology of medicinal and health-promoting plants	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
	Environmental and plant biotechnology	2nd cycle degree (in English)	<a href="#"><u>www</u></a>
	International master of horticultural science	2nd cycle degree	<a href="#"><u>www</u></a>
<b>FACULTY OF ANIMAL SCIENCES</b>	Bioengineering in animal science	1st cycle degree	<a href="#"><u>www</u></a>
	Animal bioengineering	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
	Breeding and Reproduction of Fur Animals	postgraduate studies	<a href="#"><u>www</u></a>
<b>FACULTY OF PRODUCTION AND POWER ENGINEERING</b>	Engineering of biosystems	1st cycle degree	<a href="#"><u>www</u></a>
	Agriculture and forest technology	1st and 2nd cycle degree	<a href="#"><u>www</u></a>

	Production management and engineering	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
	Use of plants in energy recovery	postgraduate studies	<a href="#"><u>www</u></a>
<b>FACULTY OF AGRICULTURE AND ECONOMICS</b>	Management (specialization: management in agribusiness)	1st cycle degree	<a href="#"><u>www</u></a>
	Economics (specialization: economics of food economy and management and marketing in agribusiness)	1st and 2nd cycle and doctoral degree	<a href="#"><u>www</u></a>
	Bioeconomy	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
	Environmental quality and safety	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
	Environmental protection	1st and 2nd cycle and doctoral degree	<a href="#"><u>www</u></a>
	Agriculture	1st and 2nd cycle degree	<a href="#"><u>www</u></a>
	Agronomy	Doctoral studies	<a href="#"><u>www</u></a>
	Agroecology	postgraduate studies	<a href="#"><u>www</u></a>
	Integrated agricultural production	postgraduate studies	<a href="#"><u>www</u></a>



	Production and agricultural raw materials and finished products quality assurance manager	postgraduate studies	<a href="#"><u>www</u></a>
	Modern methods of plant improvement	postgraduate studies	<a href="#"><u>www</u></a>
	Advances in environmental sciences	postgraduate studies	<a href="#"><u>www</u></a>
	Agriculture for graduates of non-agricultural majors	postgraduate studies	<a href="#"><u>www</u></a>
	Study of knowledge about the European Union "Agro-Unia"	postgraduate studies	<a href="#"><u>www</u></a>
	Technologies in environmental protection and retardation of its resources	postgraduate studies	<a href="#"><u>www</u></a>
	Cultivation and use of herbal and alternative plants	postgraduate studies	<a href="#"><u>www</u></a>
<b>FACULTY OF FOOD TECHNOLOGIES</b>	Food chain security	postgraduate studies	<a href="#"><u>www</u></a>
	Brewing and malting sciences	1st cycle degree	<a href="#"><u>www</u></a>
	Food quality and safety	1st and 2nd cycle degree	<a href="#"><u>www</u></a>

	Food technology and human nutrition	1st and 2nd cycle and doctoral degree	<a href="#"><u>www</u></a>
	Certified oenologist - Winery and Mead Making Technology	postgraduate studies	<a href="#"><u>www</u></a>
	Certified brewer - brewing technology with elements of technology	postgraduate studies	<a href="#"><u>www</u></a>
	Food quality and food quality assurance systems	postgraduate studies	<a href="#"><u>www</u></a>
	Quality and safety management in the food industry	postgraduate studies	<a href="#"><u>www</u></a>
	Human nutrition and dietetics	postgraduate studies	<a href="#"><u>www</u></a>

STATE HIGHER VOCATIONAL SCHOOL IN TARNOW <a href="http://pwsztar.edu.pl">http://pwsztar.edu.pl</a>			
Organizational unit	Field of study	Degree	Link
<b>POLYTECHNIC INSTITUTE</b>	Materials Engineering	1st cycle degree	<a href="#"><u>www</u></a>

STATE UNIVERSITY OF APPLIED SCIENCES IN NOWY SĄCZ <a href="http://www.pwsz-ns.edu.pl">http://www.pwsz-ns.edu.pl</a>			
Organizational unit	Field of study	Degree	Link
<b>INSTITUTE OF TECHNOLOGY</b>	Production management and engineering	1st and 2nd cycle degree	<a href="#"><u>www</u></a>

<b>STATE HIGHER VOCATIONAL SCHOOL IN OŚWIĘCIM</b> <a href="http://www.uczelnia.pwsz-oswiecim.edu.pl">http://www.uczelnia.pwsz-oswiecim.edu.pl</a>			
Organizational unit	Field of study	Degree	Link
<b>INSTITUTE OF PRODUCTION MANAGEMENT AND ENGINEERING</b>	Production management and engineering	1st cycle degree	<a href="#"><u>www</u></a>

<b>CRACOW SCHOOL OF HEALTH PROMOTION</b> <a href="http://www.kwspz.pl">http://www.kwspz.pl</a>		
Field of study	Degree	Link
Dietetics and food ecology	2nd cycle degree	<a href="#"><u>www</u></a>

<b>THE MALOPOLSKA HIGHER VOCATIONAL SCHOOL OF J. DIETL IN KRAKOW</b> <a href="http://www.dietl.edu.pl">http://www.dietl.edu.pl</a>		
Field of study	Degree	Link
Agriculture and agribusiness	postgraduate studies	<a href="#"><u>www</u></a>

## KEY PROJECTS

<b>Project title:</b>	The creation of the Nutritional Innovation Center at Konspol Holding Sp. z o. o.
<b>Project value:</b>	PLN 101,914,508.52
<b>Total subsidized:</b>	PLN 23,200,050.72
<b>Program:</b>	Intelligent Development Operational Program 2014-2020
<b>Project description:</b>	The aim of the project is to create a modern Research and Development Center that carries out a wide range of research work on nutritional innovation – including researching ways to improve production technology and creating new food products that will expand the product range offered by the Konspol Group in the future.
<b>Implementation dates:</b>	2016-
<b>Website:</b>	<a href="#"><u>www</u></a>

<b>Project title:</b>	Implementation of technology for the production of innovative functional soups by Unipro Sp. z o. o.
<b>Project value:</b>	PLN 22,370,613.93
<b>Total subsidized:</b>	PLN 10,768,762.45
<b>Program:</b>	Operational Program Innovative Economy
<b>Project description:</b>	-
<b>Implementation dates:</b>	2007-2013
<b>Website:</b>	<a href="#"><u>www</u></a>
<b>Project title:</b>	Launching the production line of innovative and natural functional beverages.
<b>Project value:</b>	PLN 11,622,000
<b>Total subsidized:</b>	PLN 5,229,900
<b>Program:</b>	Intelligent Development Operational Program 2014-2020
<b>Project description:</b>	Launching the production line to launch innovative, natural functional beverages on the market based on the research conducted on the combination of iodine and bioactive substances with the highly mineralized waters of Cechini Muszyna.
<b>Implementation dates:</b>	2016-
<b>Website:</b>	<a href="#"><u>www</u></a>

<b>Project title:</b>	The construction and equipping of a modern recycling center for organic waste to implement innovative fertilizer products.
<b>Project value:</b>	PLN 15,071,880
<b>Total subsidized:</b>	PLN 7,302,350
<b>Program:</b>	Operational Program Innovative Economy
<b>Project description:</b>	-
<b>Implementation dates:</b>	2007-2013
<b>Website:</b>	<a href="#"><u>www</u></a>

<b>Project title:</b>	Establishment of an R&D Center to conduct research into the development of new food production technologies involving the synergy of natural functional additives.
<b>Project value:</b>	PLN 4,430,963.13
<b>Wysokość dofinansowania:</b>	PLN 1,981,324.98
<b>Program:</b>	Intelligent Development Operational Program 2014-2020
<b>Project description:</b>	The aim of the project is to create a modern equipped Research and Development Center for research on innovative food additives used in the food industry.
<b>Website:</b>	<a href="#"><u>www</u></a>

## KEY SECTOR EVENTS

EVENT NAME	ORGANIZER	DATE
<b>ENOEXPO International Wine Fair</b>	Targi w Krakowie ul. Galicyjska 9 31-586 Kraków <a href="http://www.eurobiotech.krakow.pl">http://www.eurobiotech.krakow.pl</a>	November
<b>HORECA International Trade Fair of Hotel and Catering Equipment</b>	Targi w Krakowie ul. Galicyjska 9 31-586 Kraków <a href="http://krakdent.pl/">http://krakdent.pl/</a>	November
<b>MAŁOPOLSKI FESTIWAL SMAKU</b>	Urząd Marszałkowski Województwa Małopolskiego ul. Racławicka 56, 30-017 Kraków	August/September
<b>LIFESCIENCE OPEN SPACE</b>	Fundacja Klaster LifeScience Kraków ul. Bobrzyńskiego 14, 30-348 Kraków <a href="http://www.lifescience.pl">http://www.lifescience.pl</a>	October
<b>FESTIWAL PIEROGÓW</b>	Krakowski Biuro Festiwalowe	August
<b>MAŁOPOLSKA INNOVATION FESTIVAL</b>	Urząd Marszałkowski Województwa Małopolskiego ul. Racławicka 56, 30-017 Kraków <a href="http://www.festiwalinnowacji.malopolska.pl">http://www.festiwalinnowacji.malopolska.pl</a>	May
<b>SWIETO CHLEBA</b>	Stowarzyszenie Małopolska Izba Produktów Regionalnych, Tradycyjnych i Ekologicznych, Urząd Miasta Krakowa, Krakowskie Biuro Festiwalowe, Urząd Marszałkowski Województwa Małopolskiego, Krakowski Cech Piekarzy <a href="http://www.opp.pl/">http://www.opp.pl/</a>	June



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