

GUIDE TO EPC



AGRI-FOOD

ORGANISATIONS AND TECHNOLOGIES



Introduction

Agri-Food is a key economic sector in Eastern Partnership Countries (EPCs). EPCs have a great deal of potential for the agri-food sector both nationally and internationally. The Agri-Food sector offers concrete social and economic opportunities for EPCs and EU countries.

As you will see in this brochure, each country's research institutes and private sector companies are developing new technologies in almost every agri-food area - from fisheries to winter wheat to livestock. European organisations have a lot to gain by collaborating with EPCs.



ARMENIA

The food and beverages industry provides a large part of the Armenian economy, generating USD 0.58 billion that represents about 50 percent of total manufacturing output and employing 18,000 people in 2009.

Organic farming is considered an excellent business opportunity for farmers and investors involved in agriculture and food production. Armenia adopted a number of laws and amendments to existing laws in order to encourage agriculture and trade.



BELARUS

Among other EPCs, Belarus has the smallest share of individual farmers and the highest share of state owned enterprises. A 2009 World Bank Report on the agriculture sector noted that the international competitiveness of the farm sector remains low. The food, beverages and tobacco industry forms a large part of the economy, generating USD 4.55 billion. R&D represents 3.7 percent of total R&D expenditures where 90% is devoted to technological innovation.



GEORGIA

The food, beverages and tobacco industry forms a large part of the economy, generating USD 0.7 billion that represents about 43 percent of manufacturing output. Labour productivity has grown over time. Since the Russian trade embargo (2006) on wine, spirits and mineral water, Georgian winemakers, with Government support, have taken steps to diversify exports and improve production quality to expand markets for their products. Georgia has adopted a number of laws to encourage agricultural and agro-industry growth and rural development.



UKRAINE

The food, beverages and tobacco industry is one of the fastest-developing sectors of Ukraine's economy, growing at an estimated 20-30% annually. It forms a large part of the economy, generating USD 20 billion. Ukraine is now ranked as one of the top five of 30 emerging countries for retail development. Ukraine has adopted a number of laws to encourage agricultural and rural development. Other regulations aiming to stimulate foreign investment were set up recently. In 2005 the State Agency of Ukraine for Investments and Innovations was established.

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ARMENIA

BSC Business Support Centre

WHO WE ARE

Since 1994, BSC Business Support Centre has been providing training and consulting expertise. We were the first training and consulting organisation in Armenia, thanks to European Union Technical Assistance (TACIS). We focus on agri-food consulting, research and capacity building projects.

WHAT WE DO

We've provided 1,100 business training courses to over 12,000 people in the public and private sector. We have developed more than 650 business and investment plans and feasibility studies for local and international companies and organisations. We have implemented consulting and research projects on agri-food for Oxfam Armenia, Oxfam-NOVIB, UNDP and USAID.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

Blue Growth: Unlocking the potential of Seas and Oceans (Supporting SMEs only)

GET IN TOUCH

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International Center for Agribusiness Research and Education

WHO WE ARE

We are an Armenian NGO founded in 2005 by Texas A&M University. We administer the Agribusiness Teaching Center (ATC) and provide agribusiness education to support sustainable entrepreneurial activities in the food and agriculture sector in Armenia and Georgia.

WHAT WE DO

In addition to agribusiness education, we conduct research through the Research and Outreach Development Center. We promote research about Armenian agribusiness at national and international meetings. We conduct research and rural development projects funded by USDA, US Embassy in Armenia, USAID through DAI, FAO, World Bank, Swiss National Science Foundation and World Vision. Our research has focused on sustainable agricultural production practices for wine, wheat, dairy and livestock. We also assess the value chain for agricultural commodities and work closely with farmers.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Blue Growth: Unlocking the potential of Seas and Oceans

GET IN TOUCH

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ARMENIA

Life Sciences International Postgraduate Educational Center (LSIPEC)

WHO WE ARE

Life Sciences International Postgraduate Educational Center (LSIPEC) specialises in Biophysics, Neuroscience, Environmental Science, Biotechnology, Pain Study and Management and Biomedical Engineering. Educational opportunities at LSIPEC are complemented by modern laboratory facilities, advanced technology centers, student and department special interest groups and organised research programmes.

WHAT WE DO

We promote cooperative research, advanced training and the exchange of information in neurosciences, biophysics, environmental sciences, biotechnology and biomedical engineering in Armenia and other countries of the region to facilitate the collaboration between high-level, internationally recognised researchers and the local scientific community. Our patent "The Increase of Germination Potential of Plants by EMF Treated Irrigation Water" is already being used by the private sector in Mkhchyan village Ararat region.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

GET IN TOUCH

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"Armenia", Stefano Bolognini
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ARMENIA

The Center of Zoology and Hydroecology

WHO WE ARE

The Center of Zoology and Hydroecology was founded by governmental decree in 2006. Two institutes make up the Center: The Institute of Zoology which has five laboratories (zoology of vertebrates, entomology and soil zoology, general helminthology and parasitology, physiology of animal behavior, genetics) and The Institute of Hydroecology and Ichthyology which has three departments (hydroecology, hydrobiology, ichthyology).

WHAT WE DO

Our research activities focus on managing pests through methods of biological control, fisheries, water quality assessment and the effects of agriculture on water quality. We study biodiversity, particularly the impacts of parasites on plants and animals. We also assess measures for protecting and rehabilitating fish resources in hydroecosystems. Our researchers have published more than 100 monographs and have represented Armenia in international documents. We have also worked with partners in the private sector to produce biodiversity surveys and impact assessments.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Blue Growth: Unlocking the potential of Seas and Oceans



GET IN TOUCH

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Armenian Society of Food Science and Technology

WHO WE ARE

The Armenian Society of Food Science and Technology is an NGO founded in 2010 as part of the European Hygienic Engineering and Design Group (EHEDG). Our main activity is consulting with food industries in HACCP field, implementing European guidelines and instructions in food processing practice, organising trainings, implementing the results of scientific works on microbiological risk assessment and development of preventing technologies for pathogenic microorganisms.

WHAT WE DO

Our research has focused on a range of topics, particularly the risk of meat product contamination, the impact of water contamination on trout and laboratory diagnoses of bacterial diseases in apiculture (bees). We also develop technologies for the food industry to rapidly detect pathogenic bacteria. We have provided microbiological risk assessments in food processing factories, developed guidelines to improve the hygienic conditions of food factories, established HACCP plans for food factories and ensured the quality and safety control of honey. We also organise trainings and seminars on food safety.



WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

GET IN TOUCH

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ARMENIA

Department of Food Products and Drinks Expertise, National Bureau of Expertises of the Republic of Armenia

WHO WE ARE

We carry out research, investment and the implementation of modern scientific methods to determine the degree of microbiological contamination in food products produced in and imported to the Republic of Armenia.

WHAT WE DO

We conduct studies on the detection of contamination of mycotoxins, pathogenic and conventional-pathogenic bacteria in food products produced in or imported to the Republic of Armenia. Our main activities include: the examination of meat and meat products, fish and fish products, baked and confectionary products, honey, ready-made food, cereals and other bulk products, fruits and vegetables. We also examine milk and dairy, nutritional oils and butter, alcoholic, low-alcoholic and non-alcoholic drinks.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

GET IN TOUCH

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Faculty of Agronomy, Chair of Horticulture and Plant Protection, Armenian National Agrarian University

WHO WE ARE

Armenian National Agrarian University is the only higher educational institution that trains and prepares specialists for the area of agrarian research. The following Scientific Research Institutes and scientific centers operate in ANAU: Research Institute of Foodstuff Technologies, Food Security and Biotechnology; Research Institute of Agricultural Mechanization, Electrification and Automobile Transportation. There are Scientific Centers of Agrobiotechnology; Viticulture, Fruit Growing and Wine Making; Soil Science, Land-Reclamation and Agrochemistry.

WHAT WE DO

The main activities of the Scientific Center include tissue culture, plant in vitro analysis and selection, studies of grape varieties, the use of fertilisers, soil analysis, food safety assessments and livestock studies. We have helped to improve the quality of viticulture and wine-making, cheese, sour milk and baby food production, livestock health and reproduction, plant protection, among many other topics.



WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

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ARMENIA

The Information-Analytical Center for Risk Assessment of Food Chain, The Center for Ecological-Noosphere Studies of National Academy of Sciences of the Republic of Armenia

WHO WE ARE

The Ecocenter is a state non-profit organisation that was founded in 1989 as the principal research organisation engaged in fundamental and applied studies in the area of ecology, environmental protection and food safety. We have teams focusing on environmental geochemistry, environmental and health risk assessment, biogeochemistry, biomonitoring, bioenergy, feed quality, assessment and mapping of landscapes and natural resources using GIS, remote sensing technologies, computer technologies for nature protection and food chain risk assessment.

WHAT WE DO

The Ecocenter carries out research focusing on environmental issues for the agri-food sector, including integrated risk assessment. The Information-Analytical Center for Risk Assessment of the Food Chain is a newly formed department that conducts independent risk assessments. Earlier studies of the Ecocenter focused on environmental pollution. Since 2010, research has been conducted across the entire food chain. Though the centre is newly established, the employees are already trained in risk assessment. We have received grants from FP7, USAID and the Royal Society, among others.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption



GET IN TOUCH

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BELARUS

Food Innovation Center, The Institute for the Meat and Dairy Institute, RUE

WHO WE ARE

We offer fundamental and applied scientific support to the Belarusian meat and dairy industries. We focus on innovation in terms of products, technologies and the competitiveness of the meat and dairy industries. Among our innovations, we develop and produce bacterial starter cultures, baby food and functional food additives, and we develop new technologies to save energy and resources for the meat and dairy industries.

WHAT WE DO

To support innovation in the meat and dairy industries, we develop regulatory and technological documents, production processes and the creation of new meat and dairy products, assess quality and safety, produce and sell functional ingredients and test equipment and components based on clients' orders.



WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Safe food and healthy diets and sustainable consumption

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BELARUS

Institute of Advanced Training and Retraining, Mogilev State Foodstuffs University

WHO WE ARE

Our university is the only university in the Republic of Belarus for training specialists for the food and processing agricultural industries and chemical industries. The university includes 21 departments, which employ 300 teachers, including 18 doctors and professors, 120 associate professors and candidates of sciences. Of these, 6 were elected academics and corresponding members of the Academy of Agricultural Sciences, Academy of Refrigeration, Engineering Academy and others.

WHAT WE DO

We conduct basic and applied research aimed at developing new effective food technologies and competitive products as well as machines for the food industry and chemical industry. We work closely with the private sector in Belarus to produce soft drinks, fruit and vegetable juices and sauces, new varieties of kvass and beer, canned fruits and vegetables from local raw materials, powder from the cocoa shell, new varieties of sausages and meat products, dairy products, new varieties of cheese and curd and new grain-based products.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

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Belryba

WHO WE ARE

"Belryba" was founded in 1957 and is the main provider of high-quality fish products in Belarus. Belryba is one of the biggest manufacturers of smoked fish, fish delicacies and preserves. It is also an importer of frozen fish and seafood in the Republic of Belarus. Our clients in Belarus include over 2600 wholesale outlay and retail companies, public catering establishments, processors and sole traders.

WHAT WE DO

Our main services include preventing potential health hazards by streamlining and coordinating the manufacture, transportation, storage and sale of fish products. We approach manufacturing inspection systematically, including supervising all product safety characteristics from raw material intake to consumption.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

Blue Growth: Unlocking the potential of Seas and Oceans

GET IN TOUCH

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BELARUS

The Institute for the Fish Industry

WHO WE ARE

The purpose of our research is to increase the productivity and efficiency of the Fisheries of the Republic of Belarus through research, research training and advanced development of fisheries. Our main research focus includes, firstly, the selection and breeding of carp and other pond fish to develop new highly productive breeds and improvements to existing production herds of farmed fish. Secondly, we develop the technology of pond fish farming, including integrated intensification of aquaculture, resource, feeding and feed production, optimising the environment and protecting fish from disease.

WHAT WE DO

We are experienced in selecting and breeding carp, helping new fish farming facilities to reproduce and raise fish larvae, recommending improvements for the natural productivity of ponds, developing recommendations for fishing in lakes, rivers and reservoirs. We also provide expert evaluations of fish populations and damage to fisheries, develop measures to prevent infectious and parasitic diseases at fish farms and train people to monitor the quality of feed for fish.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Blue Growth: Unlocking the potential of Seas and Oceans



GET IN TOUCH

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International Office, Belarusian State Academy of Agriculture

WHO WE ARE

The Belarusian State Academy of Agriculture is the largest multidisciplinary agricultural institute of higher education among the countries of CIS and Europe. The campus is comprised of 16 educational buildings and a Botanic Garden gathering 366 species of trees and shrubs, 514 species of medicinal and ornamental plants. Almost 15,000 students study here.

WHAT WE DO

Researchers at the Belarusian State Academy of Agriculture research a wide range of agriculture-related areas, including but not limited to: agro- chemistry and soil science, horticulture, ecological genetics and plant breeding, crop biotechnology, agricultural ecology, cell and gene engineering in animal breeding, mechanisation of farms, drainage and irrigation, agri-food management and seed quality testing. Over the past five years, scientists of the academy have received 152 patents of the Republic of Belarus for inventions and useful models, published 79 monographs and 95 recommendations for the private sector.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

Blue Growth: Unlocking the potential of Seas and Oceans

GET IN TOUCH

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BELARUS

Laboratory of Radioecology, Institute of Radiobiology of the National Academy of Sciences of Belarus

WHO WE ARE

The Institute of Radiobiology of the National Academy of Sciences of Belarus was founded in 1987 to solve the problems that appeared after the Chernobyl disaster. Our institute focuses on: the study of the mechanisms of the ionizing radiation's effects on an organism with the aim to develop the methods of increasing its radioresistance, the study of the laws of radionuclide accumulation and deducing and creation of the methods to influence these processes, and the assessment of the health effects of radiation and ecology.

WHAT WE DO

The Institute of Radiobiology is developing methods of using microbiological preparations to increase the productivity and resistance of farm animals and agricultural plants. In addition, research is being conducted on organic waste treatment for the production of soil ameliorants to restore land and increase yields.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems



GET IN TOUCH

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BELARUS

Scientific-Practical Center for Foodstuffs of the National Academy of Sciences of Belarus

WHO WE ARE

The Scientific-Practical Center for Foodstuffs of the National Academy of Sciences of Belarus (also known as the Center for Foodstuffs) is the leading scientific institute in the Republic of Belarus, which gives scientific-technical support to all the fields of food industry. Our main goal is to produce new, competitive foodstuffs using scientific research.



WHAT WE DO

We focus on fundamental and applied research work, aimed at the development of all the sectors of the processing industry (meat and dairy, canning, bakery, fat and oil, potato-processing, alcohol sectors, etc.). We also cooperate closely with scientific organisations and enterprises from Latvia, Lithuania, Germany, Poland, Italy, France, Georgia, Armenia, Moldova, Ukraine, etc.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Safe food and healthy diets and sustainable consumption

GET IN TOUCH

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Laboratory for Winter Wheat Breeding, Seed Production, and Cultivation Technology, The Scientific Practical centre of National Academy of Sciences for Belarus on agriculture

WHO WE ARE

Our laboratory breeds new kinds of winter wheat, produces seeds and develops cultivation technologies. We work with Bayer CropScience, Syngenta, BASF and other major plant science companies.

WHAT WE DO

Our expertise in winter wheat includes creating new varieties, creating new starting material through mutagenesis and hybridization methods, assessing breeding and collection samples based on their agronomic characteristics (sustainability to winter conditions, diseases, productivity, stem shortness, baking characteristics). In terms of cultivation technology, we also develop recommendations regarding periods of sowing, seeding rate, macro- and micronutrients doses, biological and economic efficiency of fungicides and protectants, etc.). We offer consulting services for the cultivation of winter wheat varieties.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption



GET IN TOUCH

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GEORGIA

Biotechnology Centre, Georgia Technical University

WHO WE ARE

The Georgia Technical University Biotechnology Centre has four labs: the Plant in vitro Lab, Microbiology Lab, Chemical Lab and Biodiversity Lab. We have a strong focus on the potato growing regions of Georgia.

WHAT WE DO

Potatoes are a very important crop in Georgia. High yield seeds, however, are not naturally occurring. Our biotechnological center has been working on virus free potatoes tube plants since 1992. We have improved upon the in vitro process for producing virus-free potato tube plants. We have also created a virus-free potato tube plants collection, which integrates Dutch, German, American, Ukrainian and Scottish varieties (55 varieties). Each of these plants can be multiplied according to demand.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption



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Research Institute of the Food Industry, Georgian Technical University

WHO WE ARE

The Institute of the Food Industry is part of the Georgian Technical University. The Institute was founded in 1961. The main objective of the Institute is to provide scientific support for individual sectors of the food industry, including alcoholic and soft drinks, natural food supplements (flavoring, dyes), essential oils, bread and bakery products.

WHAT WE DO

The Institute develops innovative technologies for processing local raw food. Our research focuses on citrus fruits, Georgian wine and recycling plant material. We are also responsible for certifying and ensuring quality control for food. We also have laboratory facilities for developing new food technologies.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

GET IN TOUCH

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GEORGIA

Durmishidze Institute of Biochemistry and Biotechnology, Agrarian University of Georgia

WHO WE ARE

The Institute of Biochemistry and Biotechnology was established in 1956, initially as a Laboratory of Plant Biochemistry under the leadership of the Georgian National Academy of Sciences. Our focus was initially the isolation, study and determination of biosynthetic pathways of biologically active compounds of plant origin. Later, the scope of our scientific interests expanded. In 1971, the Institute of Plant Biochemistry was founded to solve a broad range of theoretical and practical problems of biochemistry and biotechnology.

WHAT WE DO

At present, there are three laboratories: the Laboratory of Nitrogen Fixation and Assimilation Enzymes, the Laboratory of Biological Oxidation and the Laboratory of Biotechnology. Our work has focused on soil remediation through plants and microorganisms from the Caucasus, the vegetation of the Caucasus, among many other topics. We have partnered with several research teams from around the world and hold Georgian, German and Russian patents.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption



GET IN TOUCH

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BioProduct Company - BPC Ltd.

WHO WE ARE

BPC Ltd. is a family business launched at the beginning of 2010. We produce wild rosehip juice. Rose hips, as a raw material, are the berry-like fruits of the rose bush left behind after the bloom. They are grown wild without any human intervention. Rose hips are a great source of vitamin C, containing 50% more vitamin C than oranges. They also contain a variety of antioxidants. BPC is the first Georgian Agri-Food company to break into the Japanese market. BPC received the award for Best Immunity Defense Drink of the year at BIFDA 2012 (UK). It was the first Georgian beverage to receive international recognition in this worldwide competition.

WHAT WE DO

We export wild rosehip juice worldwide. The philosophy of the company is to constantly innovate to provide its clients the best quality of wild rosehip juice. BPC Ltd. began R&D activities to better inform our marketing. We continue to invest in research and innovation to provide a high quality beverage to our clients. We have also formulated a sugar-free rose hip juice with stevia that has only 8 calories per 100ml.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

GET IN TOUCH

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UKRAINE

NATIONAL SCIENTIFIC CENTER “INSTITUTE FOR SOIL SCIENCE AND AGROCHEMISTRY RESEARCH NAMED AFTER O.N. SOKOLOVSKY

WHO WE ARE

NSC ISSAR is a non-profit public research Institute under direct authority of the National Academy of Agrarian Sciences of Ukraine. Our mandate is the scientific and methodological support for sustainable land management in Ukraine and conservation of soil. It includes 11 laboratories, four departments and one sector.

WHAT WE DO

Our expertise encompasses many aspects of Ukrainian soils, including soil fertility management, protection against soil erosion, increasing the productivity of crops through soil-plant diagnostics and eco-friendly fertilization, among others. We have developed many technologies to improve soil, to recycle organic waste into fertilisers and to contribute to precision farming, to name just a few.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption



GET IN TOUCH

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The Research Station of Bast Crops of the Institute of Agriculture of the Northern East of the National Academy of Agrarian Sciences of Ukraine

WHO WE ARE

Our organisation is the main institution for flax- and hemp-growing in Ukraine. It coordinates scientific research programmes of bast crops in the system of UAAS and is a standardisation organisation of the Ministry of Agrarian Policy and Food of Ukraine.

WHAT WE DO

We focus on fiber flax and hemp breeding, producing original seeds of registered varieties, elite seed-growing of varieties of grain crops, potatoes and grass. We also create and improve technologies for bast crop growing, create harvesting machines, standardise bast crop products and conduct market research for flax and hemp. We have created hemp varieties without THC content with high seed productivity and a higher content of cannabidiol (CBD). We provide consulting services for bast crops.

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Sustainable food production systems

GET IN TOUCH

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UKRAINE

Zhytomyr National Agroecological University

WHO WE ARE

The University is a scientific and cultural centre of the region with a strong focus on ecological education. The University has 8 Faculties: Agronomy, Accounting and Finance, Farm Engineering, Veterinary Medicine, Ecology, Forestry, Economics and Management and the Technological Faculty), The University also includes: the Institute of Regional Ecological Problems, the Institute of In-service Training and Consulting, an experimental field, the Botanical Gardens.

WHAT WE DO

We have a strong focus on organic agriculture, particularly through the Poliskyi Center for Organic Production, which aims to encourage organic farming. We study and consult with agricultural producers about organic agriculture and certification requirements. We also research natural ways to stimulate plant growth and control insect pests and plant diseases. Portions of university's research fields are certified according to EU organic farming standards. In April 2013 and in April 2014, the university held an international scientific and practical conference on "Organic Production and Food Security."

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Sustainable food production systems



GET IN TOUCH

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Institute of Animal Science of the National Academy of Agrarian Sciences of Ukraine

WHO WE ARE

We are the leading research and methodical centre for technologies in animal breeding, including dairy and meat cattle, horse, pig, sheep, rabbit and animal breeding. The Institute was awarded the status of Quality Evaluation Laboratory for meat, milk, wool, by genetic control, by embryo transferring by Ukraine's Ministry of Agrarian Policy and Food.

WHAT WE DO

We conduct quality and safety monitoring of raw milk, animal feed, honey and meat. We provide technological solutions for feed, animal welfare, and milk production. We have developed advanced energy-efficient technologies for producing beef. We aid businesses to find modern technological options for raising livestock. We have participated in several European Union programmes.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

Safe food and healthy diets and sustainable consumption

GET IN TOUCH

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UKRAINE

Ukrainian Research Institute of Forestry & Forest Melioration named after G. M. Vysotsky

WHO WE ARE

The URIFFM is the Ukrainian state research institution and leading institute for forestry and forest melioration in Ukraine. It is overseen by the State Agency of Forest Resources of Ukraine (SAFRU) and the National Academy of Science of Ukraine (NASU). URIFFM is a member of International Union of Forest Research Organisations (IUFRO) and European Forest Institute (EFI). The research institute was founded in 1929 and has a network of ten forestry research stations in all almost all regions.

WHAT WE DO

The URIFFM's research focuses on the development of scientific approaches and technological solutions for sustainable forest management, forest inventory and monitoring, forest certification, development of GIS-technologies for forestry, the investigations of environmental changes impacts on the forests' biodiversity conservation and renewal, structure and status of tree gene pools, growth and development of forest plants. We have worked with WWF/IKEA, UNDP and the UN-FAO.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

GET IN TOUCH

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National Scientific Center Institute for Experimental and Clinical Veterinary Medicine

WHO WE ARE

NSC IECVM is the main research institution for veterinary medicine in the system of the National Academy of Agrarian Sciences of Ukraine and veterinary departments of the institutions of higher education of Ukraine. We focus on successfully controlling farm and domestic animals' diseases and the development of ecologically safe and high-quality products of animal origin.

WHAT WE DO

In our work on animals and animal products, we conduct research, support the application of innovations and provide practical propositions, recommendations, instructions and preparations. This can include assessing and monitoring animal feed for toxins, such as pesticides, mycotoxins and microbial contaminants. We develop, improve and adapt detection methods for such toxins. We also assess honey quality and honey bee diseases and detect GMOs.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Safe food and healthy diets and sustainable consumption



GET IN TOUCH

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UKRAINE

National Scientific Center “Institute of Mechanization and Electrification of Agriculture”

WHO WE ARE

National Scientific Center “Institute of Mechanization and Electrification of Agriculture” was founded in 1930 in Kharkiv under the name “Ukrainian Research Institute of Mechanization and Electrification of Agriculture.” On 12.04.2000, it was granted national status. NSC IMEA has a specialized scientific council for doctoral and master’s theses. More than 60 developments of the institute have been put into production at engineering plants of Ukraine and countries of the former Soviet space.

WHAT WE DO

NSC IMEA provides an array of services, including recommendations on planning mechanised operations, optimising machine-tractor fleet production lines and manufacturing systems and technical services for agricultural production. It gives advice on mechanised energy saving technologies for crop and fuel production, technical equipment, construction (both residential and industrial). NSC IMEA offers consulting services to engineering companies on engineering for agriculture and related legal, regulatory and policy advice.

WE’D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

GET IN TOUCH

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Institute of water problems and land reclamation

WHO WE ARE

The Institute of water problems and land reclamation was founded in 1929. As a leading state scientific institution in Ukraine in the fields of water resources and land reclamation the Institute develops and acts as a main performer of research programmes of the National Academy of Agricultural Sciences of Ukraine, coordinates the activities and provides methodological guidance for the research performed in these areas by 15 scientific institutions of the Academy.

WHAT WE DO

In Kyiv there is an administration and seven scientific departments that carry out research on water resources, agricultural reclamation, agricultural production on reclaimed land, water supply and sanitation, among others. We have developed technologies, including drip irrigation systems, bio-organic farming systems for drainage regions, information systems for irrigation scheduling. We provide services including the design, construction and oversight of drip irrigation systems, among many others.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

GET IN TOUCH

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UKRAINE

Institute of Agriculture of Western Polissja of NAAS

WHO WE ARE

The Institute of Agriculture of Western Polissja is state scientific research institution subordinated to National Academy of Agrarian Sciences. We focus on agricultural production in the Rivne and Volyn regions, carry out of scientific research on improving crop productivity, develop environmentally safe farming systems and adaptive technologies of crops growing, create new highly productive varieties and hybrids of plants, develop crop growing technologies for obtaining of organic products, develop growing technologies of fodder crops and bioenergy plant raw material.

WHAT WE DO

In addition to our research on soil fertility, farming systems on drained land, tillage systems that protect soil, organic crops and bioenergy crops, we also restore the fertility of agronomically degraded soils. We have developed a system of crop rotation that fertilises crops with an alternative sources of organic matter. This system has provided significant economic benefits.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS

Sustainable food production systems

GET IN TOUCH

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National University of Life and Environmental Sciences of Ukraine

WHO WE ARE

The National University of Life and Environmental Sciences of Ukraine is one of the leading educational, scientific and cultural establishments of Ukraine. Over 37000 students and more than 600 PhD, Doctoral students attend. Approximately 3000 scientific-pedagogical and pedagogical staff including 300 Professors and Doctors, more than 1200 PhDs and Associate Professors provide scientific research.

WHAT WE DO

We focus on plant biology, animal biology, biotechnology, chemistry, applied mechanics, physics, ecology, economics, pedagogy, etc. Scientific achievements of include 100 new technologies and processes, 122 new types of equipment, five varieties of crops. Our agricultural research focuses on many areas, some of which include the biology and chemistry of plants, soil, water and air, the biology of animals and micro-organisms, environmental problems in rural areas and veterinary medicine.



WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

GET IN TOUCH

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UKRAINE

Uman National University of Horticulture

WHO WE ARE

The University was founded in 1844. It has been awarded 39 gold and 14 silver medals for science and innovative activities. Our University has 28 departments and 15 research laboratories. There are seven colleges, research institutions and stations, and 1060 hectares of land where modern scientific research is conducted. 14 world-renowned scientific schools of horticulture, microbiology and plant physiology, agricultural chemistry and soil science, genetics and plant selections, vegetable growing, technology of fruit and vegetables processing, agriculture, and economics.

WHAT WE DO

Researchers at our university study agro-ecosystems, including the development of new agricultural production technologies, technologies to increase the crop productivity and recommendations about fertilisers. They also develop new technologies to store and process fruits, berries and vegetables, improve cereal production and develop sustainable technologies for agribusiness. Researchers have developed new types of fertilisers to improve the yield and quality of crops. They have also developed new varieties of cereals, legumes and oilseeds and new formulations for canned food manufacturing, among others.

WE'D LIKE TO COLLABORATE ON THE FOLLOWING EU RESEARCH TOPICS:

Sustainable food production systems

GET IN TOUCH

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NOTES



ŽARKO ŠUŠNJAR "AMONG THE FIELD OF
WHEAT" CREATIVE COMMONS 2.0



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