

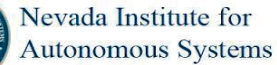


Nevada Governor's Office of
ECONOMIC DEVELOPMENT
Empowering Success



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NEVADA GLOBAL'S PARTNERS



Nevada Governor's Office of
ECONOMIC DEVELOPMENT





Lubelskie

Marshal
of Lubelskie Voivodeship



Governor
of the State of Nevada



Nevada Governor's Office of
ECONOMIC DEVELOPMENT
Empowering Success



Poland and Nevada

The Lubelskie voivodeship is one of the most buoyant regions in Eastern Poland. It is a strong, academic, cultural, and economic region conveniently connected with the rest of the country, located in close proximity to the eastern border of the European Union. It couldn't be a better time to discover and explore the diverse investment potential of the Lubelskie Voivodeship.

Situated in Eastern Poland, the Lubelskie voivodeship is the third largest (25,150 km²) region in Poland. The voivodeship's capital and largest city in Eastern Poland is Lublin, with a population of 340,5 thousand, which serves the function of the administrative, economic, and cultural centre of the region.

The region is a gateway into Eastern Europe and Asia. As the first stop in the European Union along China's One-Belt-One-Road initiative, the region is becoming increasingly valuable and rapidly gaining interest from investors. The region is home to one of Europe's most modern cargo clearance terminals in Koroszczyn, and to the largest rail-to-road transshipment port in this part of Europe - Małaszewicze. The Broad Gauge Metallurgy Line situated in the south of the region is of great importance for the region. It is the longest broad gauge railway line in Poland designed for freight transport. It is also the farthest west broad-gauge line in Europe.

A major investment for the region was Lublin Airport which opened at the end of 2012 and is one of the most modern airports in Poland. The airport contributes to the development of many industries in the region, e.g. the aircraft in-

dustry (including the largest aircraft company, PZL - Świdnik S.A.), and trade services, logistics, courier services, tourism, hotels and transportation.

	Nevada	Poland	Lubelskie
Area	110,577 sq mi (286,382 km ²)	120,726 sq mi (312,679 km ²)	9,712 sq mi (25,155 km ²)
Water [%]	0,72	3,07	1,4
Average solar radiation level	6,6 kWh/m ² /day (Carson City)	2,83 kWh/m ² /day	2,88 kWh/m ² /day
Population	2,998,039	38,433,600	2,135,715
Population density	26,8/sq mi (10,3/km ²)	318,6/sq mi (123/km ²)	220/sq mi (85/km ²)







A strong economy

Lubelskie is known as an agricultural area called the food granary of Poland. It is one of the three regions in Poland with the best climatic and water conditions, soil quality and landform, making it the country's leader in crop-raising and fruit-growing, especially hops, soft fruit and tobacco. An important agricultural segment of the Lubelskie region is ecological production. The region's ecological food industry is also developing in organic-food production which holds much potential for advancement. With 2,037 organic farms, the organic farming industry caters to both food-conscious consumers as well as the renewable-energy sector. Local manufacturing enterprises reflect the agricultural character of the region, with major industries being sugar refining, meatpacking, flour milling, tobacco processing, alcohol distilling, and brewing. The value of exports in the agri-food processing industry totalled €659m in 2013.

The mining industry is, beside the agribusiness, an important sector of the region's economy. Lubelski Wegiel Bogdanka S.A. is one of the leading coal producers in Poland, standing out in the industry in terms of financial performance, productivity, and investment plans to access new deposits. The region provides favourable climatic conditions for the production of thermal and electrical energy from biomass, solar energy, hydroelectric power, and wind-power plants.

Other components of the region's economy include: chemical industry, cement production, woodworking and furniture industry, logistics, BPO (Business Process Outsourcing) and IT, metal and machine-building industry, including the aerospace industry in Świdnik.

Bringing science and business together

The expansion of the research and development sector is one of the priorities for the Lubelskie voivodeship's in the upcoming years with innovativeness and the increase of the region's competitiveness highlighted as key factors.

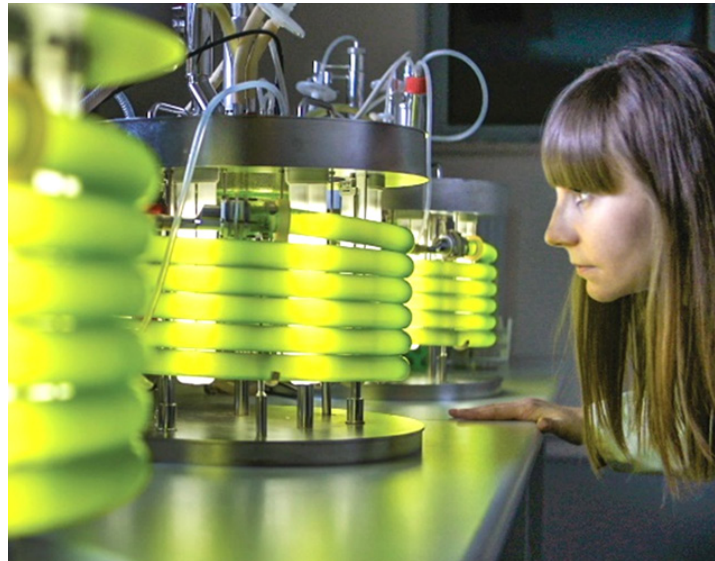
The key specialization for smart, sustainable and inclusive growth in the region, according to the Regional Innovation Strategy for Lubelskie voivodeship (RIS), is to become a bio-economy including selected activity areas (including sciences) related to the manufacture and processing of biological-origin resources (bio-resources) for food, energy and medical purposes. Other key sectors include medical and health promoting services, supporting specialization, e.g. IT and automatics, and emerging specialization, i.e. low-emission energy generation.

Well educated staff and low costs of labour

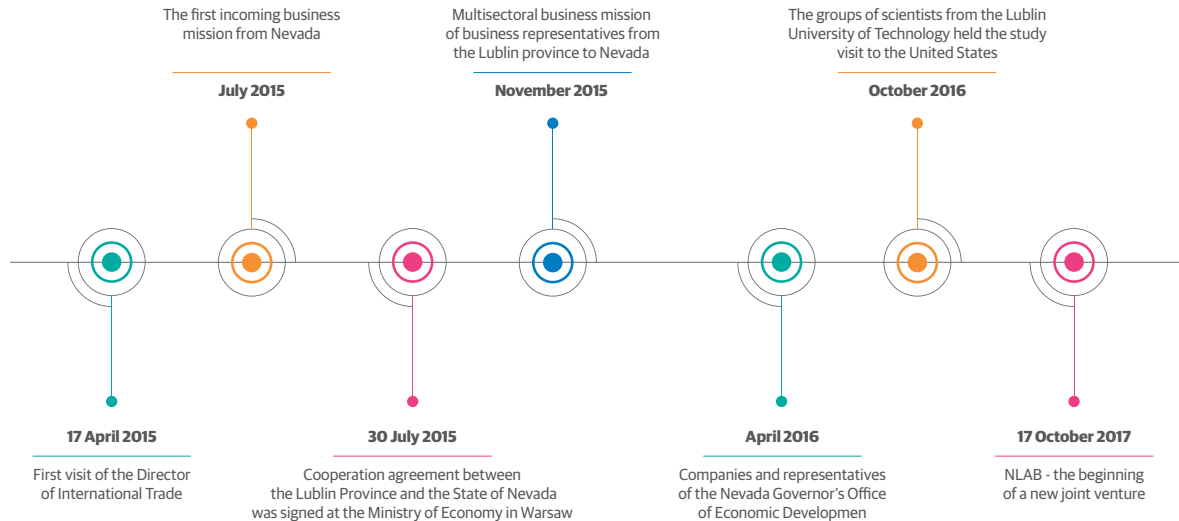
Undoubtedly, the outstanding quality of human capital is one of the strongest assets of the region. Excellent qualifications, strong communication skills, proficiency in foreign languages as well as motivation to work and strong work ethic contribute to the investment attractiveness.

The Lubelskie voivodeship is the eighth most populated region in Poland with 2.15 million. The region offers the opportunity to gain academic knowledge in 19 different

universities of various profiles. Lublin is the largest academic centre in the east of Poland, attracting prospective students with its broad selection of programs. In the city of Lublin alone, there are nine institutions of higher education. Lubelskie voivodeship has one of the highest numbers of students in Poland - almost 77.6 thousand (6,552 being foreign students). In 2016, the total number of graduates was 22.5 thousand. There are also many doctoral students. In this respect, Lubelskie voivodeship takes fourth place in Poland (14.8 PhD candidates per 10 000 people).



1. The cooperation between the State of Nevada and the Lublin Province was initiated during the first visit of the Director of International Trade at the Nevada Governor's Office of Economic Development, Kristopher Sanchez and the Polish Honorary Consul in Las Vegas, John Petkus, who visited Lublin on **17 April 2015**. The program of the visit included the presentation of the Lublin region, as well as meeting with the representatives of the Lublin Science and Technology Park and local companies.
2. The first incoming business mission from Nevada took place in **July 2015**. The event aimed to establish and develop business contacts between entrepreneurs and business communities in Nevada, as well as representatives of Lublin companies and business environment institutions. The Nevada business environment was represented by the representatives of local companies and agencies, including Northern Nevada Development Authority and Chamber of Commerce and Industry of Carson City, associating the entities interested in the creation of joint ventures. During the mission, business seminars, B2B conversations and study visits were organized.



3. An important date for bilateral relations was **30 July 2015**, when the Memorandum of Understanding on cooperation between the Lublin Province and the State of Nevada was signed at the Ministry of Economy in Warsaw. The memorandum was signed by the Marshal of the Lublin Province, Slawomir Sosnowski and the Nevada Governor, Brian Sandoval, in the presence of the Deputy Prime Minister of Poland, Janusz Piechocinski. The document expressed the will to create friendly and partnership relations between the regions and to develop a multi-faceted economic cooperation.
4. Another point on the axis of cooperation was the multisectoral business mission of business representatives from the Lublin province to Nevada, which took place in **November 2015**. Entrepreneurs from the software, IT and machine industry (including aviation, also unmanned), as well as manufacturers of medical and pharmaceutical industries participated in the trip. During the trip, Arkadiusz Bratkowski, the Member of the Management Board of the Lublin Province, who represented the Self-Government of the Lublin Province, signed the letter of intent for cooperation with the Northern Nevada Development Authority – the Sierra region economic development agency.
5. The continuation of the activities, aimed at opening Lublin entrepreneurship to the American market, was the economic mission, which took place in **April 2016**. Lublin was visited by Nevada companies and representatives of the Nevada Governor's Office of Economic Development with Kristopher Sanchez, thus forming the basis for further development of interregional economic relations.
6. In **October 2016**, as part of the scientific cooperation between the Lublin Province and Nevada (USA), the groups of scientists from the Lublin University of Technology held the study visit to the United States. At the head of the Polish delegation was the Rector of the University, prof. PhD. Eng. Piotr Kacejko and Head of the Chair of Thermodynamics of Fluid Mechanics and Drives, prof. PhD. Eng. Miroslaw Wendeker. During the trip, the representatives of the Lublin university had the opportunity to meet the representatives of municipal transport companies, universities and chambers of commerce. They also paid a visit to research centers and met with the representatives of the Nevada Governor's Office of Economic Development. During the visit to the University of Nevada, Las Vegas, in the presence of the Honorary Consul, John Petkus, the Rector and Dean PhD. Carl Reiber signed the letter of intent for research cooperation between the two universities. The visit confirmed the great potential for cooperation between the regions, particularly in terms of transport technologies, drones and renewable energy sources.
7. **Two weeks after signing the letter of intent**, Lublin was visited by the guests from Nevada. The Honorary Consul, John Petkus, the Director of the Polish Consulate in Las Vegas, Iwona Podzorski and the Councilor-Minister, Pawel Pietrasienski took part in the study visits to the Lublin companies and laboratories of the Center of Innovation and Advanced Technologies of the Lublin University of Technology. During the visit, a number of new ideas and concepts for further cooperation was created based on building transoceanic "business and scientific bridges" facilitating and developing the joint venture. It was just during this visit that the idea of a joint acceleration program was created, which laid the foundations for the organization of today's event.
8. **NLab – 17 October 2017 – the beginning of a new joint adventure.**



17 April 2015

The cooperation between the State of Nevada and the Lublin Province was initiated during the first visit of Director of International Trade at the Nevada Governor's Office of Economic Development Kristopher Sanchez, Honorary Consul of Poland in Las Vegas John Petkus and Wendy Pope, GOED.

The program of the visit included a presentation of the Lublin region, as well as a meeting with representatives of the Lublin Science and Technology Park and local companies.



July 2015

The first incoming business mission from Nevada took place just 2 months later. The event aimed to establish and develop business contacts between entrepreneurs and businesses. Nevada business environment was represented by local companies and agencies, including

Northern Nevada Development Authority and Chamber of Commerce and Industry of Carson City, associating the entities interested in the creation of joint ventures. During the mission, business seminars, B2B conversations and study visits were organized.



30 July 2015

An important date for bilateral relations was the end of that visit, when the Memorandum of Understanding on cooperation between the Lublin Province and the State of Nevada was signed at the then Ministry of Economy in Warsaw.

The MoU was signed by Marshal of the Lublin Province Slawomir Sosnowski and Nevada Governor Brian Sandoval, in the presence of Deputy Prime Minister of Poland Janusz Piechocinski. The document expressed the will to create friendly and partnership relations between the regions and to develop a multi-faceted economic cooperation.



November 2015

Another point on the axis of cooperation was a multisectoral business mission of business representatives from the Lublin Province to Nevada, which took place in November 2015. During the trip, Arkadiusz Bratowski, the Member of the Management Board of the Lublin Province,

who represented the Self-Government of the Lublin Province, signed a letter of intent for cooperation with the Northern Nevada Development Authority – the Sierra region's economic development agency.

April 2016

The continuation of the activities, aimed at opening Lublin entrepreneurs to the American market, was an economic mission which took place in April 2016. Lublin was visited by Nevada companies and representatives of the Nevada Governor's Office of Economic Development with Kristopher Sanchez, thus forming the basis for further development of interregional economic relations.



October 2016

As part of the scientific cooperation, the groups of scientists from the Lublin University of Technology held a study visit to the United States. The visit confirmed the great potential for cooperation between the regions, particularly in the field of transport technologies, drones and renewable energy sources.

The Polish delegation was headed by Rector of the University prof. PhD. Eng. Piotr Kacejko and Head of the Chair of Thermodynamics of Fluid Mechanics and Drives prof. PhD. Eng. Miroslaw Wendeker.

During the visit to the University of Nevada, Las Vegas, in the presence of the Honorary Consul John Petkus, the Rector and Dean PhD. Carl Reiber signed the letter of intent for research cooperation between the two universities.





October 2016

Two weeks later Lublin was visited by guests from Nevada. Honorary Consul John Petkus, Director of the Polish Consulate in Las Vegas Iwona Podzorski and Councilor-Minister Pawel Pietrasienski took part in the study visits to Lublin companies and laboratories of the Centre of Innovation and Advanced Technologies of the Lublin University of

Technology. During the visit, a number of new ideas and concepts for further cooperation were created based on building transoceanic "business and scientific bridges" facilitating and developing the joint venture. It was just during this visit that the idea of a joint acceleration program was created.



17 October 2017

NLab – the beginning of a new joint adventure





Conference in Lublin

Main Panel Topics:

- Accelerating / Business support institutions
- New Technologies in Agriculture and Water Management
- Innovation in Video Gaming
- Vehicle and Airspace Autonomous Systems
- Photonics

& B2A session with Gina Rodriguez



Signing of the Letter of Intent

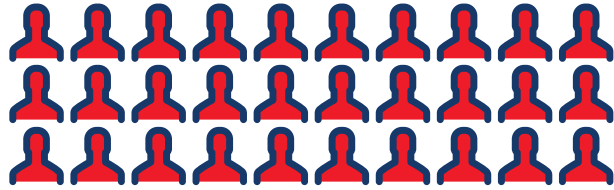


Reception in honor of the visiting Governor of Nevada at the Ambassador's Paul W. Jones Residence in Warsaw

Bootcamp Lubelskie

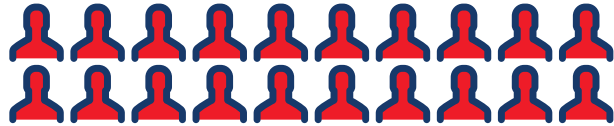
I-II
days

12-13/09/2018



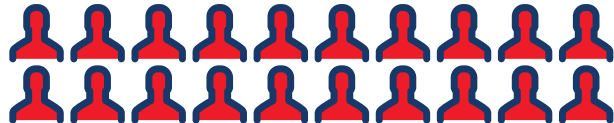
III-IV
days

14-15/09/2018



V
day

Demo day
20/09/2018



Acceleration in Nevada

I
round

until
7/11/2018



until
5/12/2018

II
round

Acceleration in Nevada

14

days

FLIGHTS

TRANSPORT

ACCOMMODATION

ACCELERATION
IN NEVADA

RENO

CARSON CITY

LAS VEGAS



And all of this would not happen without the great support of our Honorary Consul & Great Friends from GOED



**JOHN
PETKUS**

Honorary Consul of the Republic
of Poland in Las Vegas



**prof. PAWEŁ
PIETRASIENSKI**

Director Of Special Projects
at Nevada Governor's Office
of Economic Development

Official press release of the Governor's Office from June 12th 2018

Governor's Office of Economic Development launches international business recruitment platform 'Nevada Global' aimed at attracting international, high-growth companies looking to establish U.S. footholds and expand. "Nevada Global" will partner with economic development agencies abroad to identify candidate businesses and connect them to Nevada's startup accelerator community.

"Nevada Global will strengthen our position as an innovator in such sectors as unmanned systems, water technology, and gaming innovation, while it connects our homegrown entrepreneurial ecosystem to international networks and new sources of capital investment," said Governor Brian Sandoval.

"For an international company looking to enter the U.S. market, there is no better landing place than Nevada," said GOED Executive Director Paul Anderson.

GOED's International Division will work with foreign part-

ners to identify companies with some success in their domestic markets, some preparation to enter the U.S. market, and are a good fit within targeted sectors. International partners include national and municipal governments and institutions such as incubators, accelerators, technology parks, and business schools who will assist in the development of the selection process and in promoting the Nevada Global platform.

The first major Nevada Global event will take place in Poland, where Governor Sandoval signed an agreement in 2017 with the Marshal of the Lubelskie Province Slawomir Sosnowski to create such a program. Under the agreement, competitively-selected companies will come to Nevada later this year in cohorts to take part in the statewide immersion program.

About the Governor's Office of Economic Development at www.diversifynevada.com.a



Sławomir Sosnowski

Marshal of Lubelskie Voivodeship

Polish politician, local government activist, educator. A graduate of the Agricultural Academy in Lublin (now University of Life Sciences in Lublin), post-graduate studies in management and entrepreneurship at the State Higher Vocational School in Biała Podlaska and studies in education management at the Baltic Higher School of Humanities. Long experience as a teacher. In 1999-2003 the head teacher of the Complex of Agricultural Schools in Wola Osowińska, in 2003-2006 vice-superintendent of education in Lublin. A member of the Polish People's Party. A member of the Sejmik (regional parliament) serving the fourth term. From August 2005 till December 2006 a Member of the Management Board of the Voivodeship. Vice-Marshal of the Voivodeship from January 2008

till June 2014. Marshal of Lubelskie Voivodeship since June 2014. In 2015 in Polish Ministry of Economy as a representative of the Lubelskie Voivodeship he signed bilateral agreement between Lubelskie and Nevada State, what started economic cooperation. In October 2017 Marshal signed the letter of intent with the Governor of the State of Nevada, Brian Sandoval. It led to idea of Nevada-Lubelskie acceleration bridge for Polish start-ups.

Moreover current member of the European Committee of the Regions in Brussels (an advisory assembly for the European Parliament). Born in 1957 in Radzyń Podlaski. Married, 4 children.



Przemysław Litwiniuk

Chairman of the Lubelskie Voivodeship Parliament

PhD in law (University of Warsaw, 2010, on the basis of the dissertation entitled „The principle of subsidiarity as an indicator of protection of the independence of local government units in the case law of the Constitutional Tribunal”). Currently, he is an adjunct at the Public Finance and Law Department of the Warsaw University of Life Sciences. He specializes in the issues of European agricultural law and local self-government law.

Author of over 30 significant scientific publications. Scientific editor of the monographs: «Legal mechanisms for supporting and protecting family agriculture in Poland and other European Union countries» (2015), «Local government in the process of economic development of rural ar-

eas» (2015), «Agrarian concept. Legal and economic issues» (2016), «European integration as a determinant of rural policy» (2017). Reviewer in significant Polish law magazines.

For 15 years, councilor of local government units; in 2006-2014 chairman of the Powiat Council in Biała Podlaska, from 2014 - chairman of the Lubelskie Voivodeship Parliament.

In 2007-2008 - head of the Political Cabinet of the Minister of Agriculture and Rural Development.

A member of the board since 2008, and from 2011 till 2018 a director of the board of the Foundation of Assistance Programs for Agriculture FAPA (<http://www.fapa.com.pl/>).



Artur Habza

Director of the Department of Economy and Foreign Cooperation
Marshal Office of the Lubelskie Voivodship

He has been dealing with the subject of economy and support for entrepreneurship since 2007. He worked e.g. for Agency for Entrepreneurship Support of the Lubelskie Region in Lublin where he evaluated projects under I and II Priority Axes of Regional Operational Program for Lubelskie Voivodeship,

which were aimed at supporting entrepreneurship. He also dealt with business consulting. He was directly responsible for development and co-ordination of the key project „Marketing for Economy of Lubelskie Region“.



Elwira Rycaj

Head of the Lublin Centre for Research on Innovativeness (LCBI) in the Department of Economy and International Cooperation in the Marshal's Office of the Lubelskie Voivodeship

In 2002 she graduated from Maria Curie-Skłodowska University in Lublin with an M.A. in environmental protection – chemical specialization. She finished postgraduate studies and numerous courses.

She formalized her project management background by graduating from the Project Management Postgraduate Studies, and also during 2010-2014 she deepened her knowledge in postgraduate studies in: energy management system, ecoinnovation or promotion of the science and knowledge transfer and innovation. Elwira Rycaj has been working for EU-funded projects for almost 12 years, over 11 of them focusing on innovation and research and technological development and university development programmes.

She is highly experienced in coordination, development and implementation of successful projects as well as in project monitoring, evaluation, consulting and training. She has worked within a number of frameworks and programmes, including Phare, ESF, ERDF, Interreg, 7 th Framework Programme and currently she is working with Horizon 2020. Elwira is a member of Regional Forum for Smart Specialization in Poland and she participated in the preparation of Operational Programmes financed from ERDF. Moreover, Elwira has significant experience in the preparation of sustainable development strategies on regional level. Recently she has participated in the preparation of Regional Innovation Strategy for Lubelskie Voivodeship (RIS3) and now is involved in the implementation of the strategy. Elwira has an extended experience in business consulting and technology. She was engaged in a range of services starting from defining the strategy of a company through reorganization and financial management, to the management of human capital. On Polish level she cooperates with the Ministry of Economy, the National Research and Development Center, the Ministry of Science and Higher Education, and on European level she cooperates with the S3 Platform.

LCBI

The Lubelskie Center for Innovation

The Lubelskie Center for Innovation is a part of the Department of Economy and Foreign Cooperation in the Marshal Office. It serves as a regional intellectual base supporting the transformation of development model of the voivodeship. The tasks of the Center includes in particular:

- preparation and coordination of systematic papers and analyses of the transformation of development model of the voivodeship and development of regional system for innovation (innovation market observatory, technology foresight, analyses of improvement of the system for monitoring and evaluation, etc.) and reporting the results to all stakeholders,
- participation in activities related to implementing,

evaluating and updating the Regional Innovation Strategy of Lubelskie Voivodeship 2020 and other executive documents to the strategy.

The common activities are also directed at the increase of the efficiency of R&D infrastructure to conduct and commercialize knowledge, transformation of business environment institutions into the regional growth centers and the promotion of entrepreneurship and innovation. The areas of interest which are especially supported the Lublin Center for Innovation are included in the Regional Innovation Strategy: bioeconomy, medicine and health, low-carbon emission energy and information technology and automation (recently, also the photonics technologies).



Biznes lubelskie

Marshal Office of Lubelskie Voivodeship

Department of Economy and International Cooperation

Biznes Lubelskie Team offers a wide range of services throughout the investment project. Our services are mainly focused on direct service and assistance to investors including the preparation of comprehensive, reliable and current economic information about the region, instruments supporting entrepreneurship & investment incentives:

1. **ONESTOPSHOP** - we create one point of contact - That means that our dedicated Investment Pilot (IP) is the first contact person for the Investor and for all other parties/units from our region involved in the project, especially on the initial phase of the investment process.
2. **COOPERATION**: we cooperate with lo-

cal authorities local, regional, national and international institutions of business environment.

3. **FREE OF CHARGE**: our high-qualified services are free of charge.

We stand out due to the broad range of post-investment support. Satisfied investors who have chosen our region are the best evidence for the fact that the Lubelskie Region is an excellent location for investments.

We kindly invite you to cooperation!

Biznes Lubelskie Team - Center of Investments - coie@lubelskie.pl



Barbara Sokolnicka

FDI-Expert in the Biznes Lubelskie Team



Marta Smulkowska-Marek

Coordinator of information and business promotion



Institute of Soil Science and Plant Cultivation-State Research Institute (IUNG)

The Institute of Soil Science and Plant Cultivation-State Research Institute (IUNG-PIB) is the largest and the oldest agriculture research and development center in Poland, conducting the studies under the supervision of the Polish Ministry of Agriculture and Rural Development. The broad range of its activities comprises crop production, soil science and fertilization, as well as the recognition and protection of agricultural areas against various forms of degradation. The main research topics related to these fields are:

- soil science and the assessment of natural agricultural production conditions,
- fertilisation management of soil fertility and fertiliser use,
- soil tillage and crop rotation management,
- production of cereals and fodder crops,

- analysis of various types of agricultural farming systems,
- aspects of agriculture biotechnology,
- microbiology and plant phytochemistry,
- the impact of farming on the environment,
- adaptation of agriculture to climate change,
- development of knowledge and technologies for reducing atmospheric greenhouse gas
- concentrations through management of agricultural emissions and carbon sequestration.

IUNG developed numerous decision support system for agriculture, tested in lab and field, applied in daily practice by farmers and advisors in Poland. IUNG remains a custodian of soil-agricultural maps for Poland and possesses a skilled team in GIS and modeling. One of the most important assets of the Institute is 10 research farms, distributed across Poland, with different soil coverage and climatic conditions, where new practices and ICT tools may be tested in real life conditions of operational farms.



Rafał Wawer PhD, Eng.

The Department of Soil Science Erosion Control and Land Protection

In 1999, he completed studies in the field of Environmental Protection at the Lublin University of Technology, majoring in the Protection of Earth Surface and Waste Treatment. In 2003, he received his doctorate in agricultural sciences at the Institute of Soil Science and Plant Cultivation (IUNG) - National Research Institute, where he works as Assistant Professor. In the years 2004-2005 and 2007-2010, he worked at the Catholic University of Leuven in Belgium, managing research projects related to environmental and nature protection and IT. At the Institute of Soil Science and Plant Cultivation (IUNG), he is engaged in the management of research projects - basic research and applications in:

- Soil erosion and protection against soil erosion

- The practical use of IT in agriculture and environmental protection
- Irrigation and water management
- The implementation of INSPIRE and SEIS Directives
- Environment monitoring, including water and soil
- The multi-scale modeling of simulation environment at the level of catchment area and field
- Adapting agriculture to climate change
- Establishing decision-support systems in agriculture and environmental protection

Since 2016, he was the co-owner of CaseLogics Sp. z o.o (Ltd.) - start-up producing irrigation-optimisation systems for Aquastatus.



Jerzy Kozyra PhD

The Department of Bioeconomy
and Systems Analysis

Senior scientist at Institute of Soil Science and Plant Cultivation – State Research Institute in Puławy (IUNG-PIB) at the Department of Bioeconomy and Systems Analysis. His research focus on agricultural adaptation and mitigation of climate change, implementation of decision support systems in agriculture (drought monitoring, plant protection, irrigation management) and involves a range of tools including remote sensing, GIS, and crop and climate models. He was leading the Working Group on adaptation plan for Polish agriculture to climate change (KLIAMDA).

Activities in international scientific societies:

- 2014 – ongoing - Global Research Alliance on Agricultural Greenhouse Gases (GRA)
- 2014 – ongoing - Working Group on Climate and Hydrology of RA VI; World Meteorological Organization; The Task Team on Agricultural Meteorology



Dr Hab. Rafał Pudelko

Head of Department of Bioeconomy and Systems Analysis, Institute of Soil Science and Plant cultivation – State Research Institute in Puławy

He participated in the realization over of 20 national and international projects. Currently he is involved in the following projects:

- Agricultural Drought Monitoring System in Poland – national service operated by the Institute of Soil Science and Plant cultivation – State Research Institute in Puławy (IUNG-PIB) commissioned by the Ministry of Agriculture and Rural Development (as a person responsible for map modelling)
- LCAgri (Biostrateg program, national) – Support for low carbon agriculture able to adapt to observed climate change in the perspective of 2030 and 2050 (as a work package leader)
- RolTech (Biostrateg program, national) – New eco-ener-

gy technologies for a sustainable rural development and low-carbon agricultural production

- BioMagic (Biostrateg program, national) – Bio-products from lingo-cellulosic biomass obtained from marginal land with a purpose to fill the gap in the national bioeconomy (as work package leader)
- BioEcon Project (EU project, H2020): „New Strategies on Bio-Economy in Poland”. Ongoing project, call ERA Chair, work programme section „Spreading Excellence and Widening Participation (WIDESPREAD 2-2014: ERA Chair) – as a work package leader
- BIOREG (EU project, H2020): Absorbing the Potential of Wood Waste in EU Regions and Industrial Bio-based Ecosystems – as an expert

Dr Rafał Pudelko is involved in the works of the following expert groups:

- Advisory Team for the Space Policy in Poland – within the Ministry of Agriculture and Rural Development
- Advisory Team for the Space Policy in Poland – within the Ministry of Science and Higher Education
- Representative of Polish MRiRW in Monitoring Committees for the 2014-2020 operational programmes
- Expert in EC/BBI: EU Cohesion policy regions: the potential of biomass to bio-based products

netins.software



.software

Every day of our lives, where production of code goes on and on. Mobile, web - you name it, we will code it



.lab

Here we celebrate our passion for Products. Here visions are being shaped by newest technologies



.academy

Knowledge is the power - they say. And what if someone would like to spread it through the world?

Netins Software is a software development company from Poland. Netins specializes in creating web and mobile apps. It is also a Game Development studio.

Biggest pride of Netins is its Academy, where education is for free, and students can develop their carriers. It is Netins' mission to help each community benefit from company's presence. Therefore Netins is also looking forward to the newest technologies. In its R&D department are being scrutinized AIs, ARs, Machine Learnings and Blockchains.



Piotr Zwierzyk

Netins

My entire life is concentrated on commerce, mainly e-commerce. It all started during high school days when I was developing one of the first online stores in Poland. It had few successes, i.e. it was listed on best polish sites in its category. It had a great pleasure to talk about my experiences with e-commerce during conservatories at the University of Lower Silesia (Wrocław, Poland).

Now, at Netins Software, my biggest proud is Netins.Academy. I also try to focus on developing Netins' international relations. Hopefully, one day I will be able to open Netins' branch on foreign soil.



Lublin GameDev Foundation

Community of people that want to share their passion for making games. Foundation organize multiple events related to game development over year. These event include: meetings of gamedev community, gamedev barcamps, workshops on creating games and game jams from which biggest is LubJam held with Global Game Jam.

All of these events that we organize are fee free as we believe that sharing passion and knowledge is priceless.



Patryk Gałach

CEO of Lublin GameDev foundation

CEO of Lublin GameDev foundation, Head of games department at Netins Software and long time enthusiast of game creating. Activist for gamedev community in Lublin. Together with his group, he organizes many events related to game development. These include: meetings, barcamps, workshops and game jams.

He eagerly takes on new challenges and explores new ways to create games using all kind of new technologies. He believes that only one thing, which is better than playing games, is making them.

Polish Centre for Photonics and Fibre Optics

The Polish Centre for Photonics and Fibre Optics (PCFS), was established for the purpose of scientific activities and research, in particular the conduct of research and the dissemination of the results of this activity, with a special focus on the development of optical technologies, including photonic fibers.

The Center achieves its goals, among others, by:

- performing research on the development and modeling of optical structures, including photonic fibers and a demonstration of their properties;
- transferring the acquired knowledge to practical industrial applications,
- undertaking innovative initiatives and innovative alternatives in the field of optical technologies, including photonic fibers;

- supporting the creation of favorable conditions for scientific activities, research and development, and technical support;
- encouraging the development of modern industry and technology transfer;
- cooperating with public authorities in the creation of laws in the areas covered by the activities of the Center;
- working with communities and professional groups with similar aims and scope of action.

The PCFS development strategy includes innovative research and development activities, and the implementation of their results. The people associated with the PCFS regularly track and analyze trends in photonic technologies, and in particular the possibility of their use in industry. Thanks to the constant contact and collaboration with industry and the presence at international conferences and exhibitions, the PCFS is able not only to identify the needs of the market, but most importantly, has the potential to offer innovative solutions that respond to the needs of potential customers.



InPhoTech is a company with extensive experience in research and development projects, especially aimed at obtaining patents, demonstrators or prototypes for industry applications. InPhoTech carries out modelling, fabrication, research and development of specialty optic fibres (including microstructured, photonic crystal, plastic and plastic microstructured), innovative optical fibre components and photonic devices. Such photonic technology are developed for telecom, metrology, quality analysis, medical, mining, space, transport and safety applications.

InPhoTech specialty fibres technology includes:

- optical fibre devices based on classical and microstructured fibres: sensors (vibration, temperature, strain, pressure and others) and dispersion compensators;
- fibre modulators, variable attenuators, broadband fibre light sources etc.;
- preform technology: MCVD and OVD;
- drawing towers: for silica glass, soft glasses and polymers;

- fibre examples of microstructured and classical fibres such as: highly nonlinear, highly birefringent, extremely high or low NA, exceptionally low bending loss, active, multi core, and multi clad etc.;
- fibre components including classical and microstructured fibres, pigtails, patchcords, efficient splices, fibre attenuators, fibres with tunable parameters (attenuation, birefringence, nonlinearity, mode field area, numerical aperture etc.).
- More in TECHNOLOGY.

InPhoTech, a member of the Polish Cluster for Photonics and Fiber Optics, looks forward to meeting companies and prospective business partners representing the energy and heavy industry, aerospace and defense industry and medical industry. InPhoTech specializes in design, development and fabrication of fiber-optic based technologies of the future. We work with industry partners to deliver solutions such as early hazard detection systems in coal mines, temperature sensors in steel mills or intelligent perimeter control systems.



Tomasz Stańczyk

project manager at InPhoTech

He holds a Master's Degree in electronics from Warsaw University of Technology. He has expertise in fiber-optic based technologies for applications in telecommunications, sensors and light sources. At InPhoTech he coordinates the development and implementation of innovative solutions based on photonics. His main areas of interest include photonic sensors and applications of safe and eco-friendly fiber-optic solutions in the energy and heavy industry. He has authored or co-authored 7 patent applications and over 10 scientific publications. He cooperates with the Polish Centre for Photonics and Fibre Optics (PCFS)



Oskar Karczewski

project manager at InPhoTech

He holds a Ph.D. in experimental physics from University College London. He worked at the University of Sussex (UK) and at CEA Saclay (France). At InPhoTech he leads interdisciplinary research projects in photonics for applications in next generation telecommunications, sensors operating in harsh environments and customized light sources. His interests include applications of portable fiber-optic devices in metrology, medicine and in the food industry. He has authored or co-authored over 20 scientific publications.



5
reasons

to choose
LUBELSKIE



lubelskie
Taste life!

Location



- A region located in eastern Poland.
- A window on Eastern Europe and Asia – a border area between the European Union and the Eurasian Customs Union (Russia, Belarus, Kazakhstan).
- Lublin Airport – one of the most modern airports in Poland.
- The Pan-European transit corridor east-west / north-south – the A2 motorway, the S17 and S12 expressways, the E20 (Paris-Moscow) and E7 (Gdynia-Odessa) railways.
- The highly developed infrastructure of the border crossing-points with Ukraine (4 checkpoints) and Belarus (3 checkpoints).
- The most modern Polish terminal for customs clearance (phytosanitary and veterinary) in Koroszczyn.
- The dry port Małaszewicze, which allows the trans-shipment of all cargo transported by rail.
- The advanced broad-gauge railway, which facilitates the transport of goods to the Commonwealth of Independent States.

People

2



- The Lubelskie Voivodeship is populated by about 2,15 mln people.
- The favourable age pyramid of the population – a significant proportion of people of working age.
- The well-qualified and competent workforce.
- The number of students in the region runs at the level of 82 thousand people.
- Each year Lubelskie churns out almost 30 thousand university graduates.

Research and Development



- Lublin is the largest academic centre in Eastern Poland. There are 19 universities, e.g. The Lublin University of Technology, The Medical University of Lublin, The University of Life Sciences, The John Paul II Catholic University of Lublin, and Maria Curie-Skłodowska University.
- The presence of science-and-technology parks, the aim of which is to integrate and boost the scientific and R&D potential of the Lubelskie Voivodeship (the Lublin Science and Technology Park, the Puławy Science and Technology Park, the Southeastern Science and Technology Park in Zamość).
- The operation of industrial parks, which ensure favourable conditions for the growth of innovative companies and make it easier for entrepreneurs to access the newest technologies (e.g. the Świdnik Regional Industrial Park).
- Specialised research units and institutes, e.g. the Lublin Centre for Innovation and Advanced Technologies, the Bohdan Dobrzański Institute of Agrophysics of the Polish Academy of Sciences in Lublin, the Institute of Soil Science and Plant Cultivation in Puławy, the Research Institute of Pomiculture and Floriculture – the Apiculture Division in Puławy, the Biological Threats Identification and Countermeasure Centre of the Military Institute of Hygiene and Epidemiology, and the National Veterinary Research Institute in Puławy.

Strong Economy



- Highly developed food industry emanating from the agricultural character of the major part of the Voivodeship and the specialised cultivation of industrial plants, fruits, and vegetables. Very good climatic and soil conditions, conducive to the development of ecological farming.
- Favourable climatic conditions for the production of thermal and electrical energy from biomass, solar energy, hydroelectric power, and wind-power plants.
- Rich mineral resources, e.g. hard coal (18,7% of all national resources), natural gas and crude oil, as well as natural aggregates and peat.
- Establishment of logistics centres thanks to the attractive geographical situation and the proximity of transcontinental traffic routes.
- Perfect place for the development of service centres, thanks to the substantial available qualified workforce and relatively low labour costs.
- Rich tradition of the machine industry, located mainly in Lublin, but also in Świdnik, Janów Lubelski, and Kraśnik.
- Favourable conditions for investment and economic activity, owing to 3 Special Economic Zones („EURO-PARK MIELEC” SEZ, „STARCHOWICE” SEZ, TARNOBZEG „EURO-PARK WISŁOSAN” SEZ) with 14 subzones on the territory of the Lubelskie Voivodeship.
- Promotion of the products and services produced in the Lubelskie Voivodeship under the protected trademark - the „Lubelskie” Regional Brand - which is a symbol of superior quality, innovation, and environmental responsibility.

Tourism

5



- The cultural heritage of the Lublin Region, as well as the clean and virtually unspoiled natural environment, form the potential for the development of tourism.
- 2 national parks (Polesie National Park and Roztocze National Park), 17 scenic parks, and numerous nature reserves and monuments.
- The diversified line of the land: low-lying regions (lake-land, Polesie) and uplands (Roztocze), intersected by river valleys (the Bug River and the Vistula)
- The numerous bike routes, horse trails, and ski runs.
- Picturesque tourist towns and cities such as Lublin, Kazimierz Dolny, Nałęczów, and Zamość - with its Old Town added to UNESCO's World Heritage List.
- Thanks to its abundance of rivers, lakes and ponds, Lubelskie can offer a lot of attractions for water-sports enthusiasts. The Łęczyńsko-Włodawskie Lakeland provides favourable conditions for sailing, kayaking, fishing and sunbathing.
- A region which favours traditional cuisine. Only here can one eat the certified onion cake (cebularz), Biłgoraj's dumpling (piróg biłgorajski), or the Podlaskie tree cake (sękacz podlaski).

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