# NEW TECHNOLOGIES, COMPUTER SCIENCE, INNOVATIONS

# Power up Your Business in Małopolska 2

Małopolska Regional Development Agency, Małopolska Region and Krakow Technology Park jointly implement the project entitled **„Power up Your Business in Małopolska 2"**, co-financed by the European Union under the Regional Operational Program of the Malopolska Region for the years 2014-2020.

The project is a reference to the experience of projects from 2008 - 2017 implemented under the slogan „Business in Małopolska". The project „Power up Your Business in Małopolska 2" provides for activities in the area of promoting the Małopolska business offer, supporting the exports of Małopolska enterprises and improving the investment process in the region. It is addressed to entrepreneurs from the SME sector and potential external investors.

The project assumes, among others, organization of information meetings and forums for entrepreneurs from Małopolska, training for representatives of local government units, as well as economic missions of foreign entrepreneurs to Małopolska and participation in foreign fairs.

**The project is co-created by the institutions**

### Małopolska Regional Development Agency

The largest regional business environment institution. MARR focuses on tasks important for positive change in the regional environment: restructuring of the economy, land development, servicing European programs, cooperation with local government, servicing investments, supporting entrepreneurship, as well as international cooperation and building the image of Małopolska in Europe and the world.
*www.marr.pl*

### Małopolska Region

The Małopolska Region as a local government unit creates directions of economic policy by acting for the region's economic development. The Department of Ownership Supervision and Economy plays a special role within this area of region competence. The Małopolska Region actively supports the service of domestic and foreign investors interested in starting a business in the region, coordinates activities in the field of internationalization of the regional economy, with particular emphasis on the development of exports, it also conducts activities in the field of economic promotion of Małopolska
*www.malopolska.pl/en*

### Krakow Technology Park

Technological development of Małopolska Region, development of entrepreneurship, promotion of innovation and new technologies, creation of a positive business climate, and finally support for academic projects - these are just some of the main activities of the Krakow Technology Park, which significantly contributes to strengthening the socio-economic potential of the entire region.
*www.kpt.krakow.pl/en*

Project implementation period:
March 2019 - February 2022

WARSAW
**300**KM

S7

GERMANY
**420**KM

S7

A 4

S7

KRAKÓW
AIRPORT

A 4

Kraków

A 4

Tarnów

UKRAINE
**260**KM

S7

Nowy Sącz

SLOVAKIA
**96** KM

# I. MAŁOPOLSKA REGION
## between tradition and modernity

Małopolska Region, together with the historical capital of Poland - Krakow, is one of the most recognizable regions in Europe. Unusual landscapes, unique nature, an impressive number of monuments, including 14 inscribed on the UNESCO World Heritage List and a unique atmosphere - all this means that every year our region is visited by several million tourists from Poland and around the world.

In addition, Małopolska Region is undoubtedly one of the most dynamically developing regions on the economic map of Poland and Europe. The strong position of our region is demonstrated by the dynamically operating companies in our region, recognized not only in the country but also abroad. It is not without reason that Małopolska is one of the leading destinations chosen for the organization of business and economic meetings, which only confirms the thesis that it is a perfect place for business development.

Małopolska Region is also characterized by the large scientific and research potential of Małopolska universities and research centres. Every year, about 150,000 young people study at universities in Małopolska; research works are carried out in several hundred research and development institutions, in domestic and foreign enterprises.

We invite you to read and contact the Business in Małopolska Centre.

## I.1 The potential of Małopolska Region and Krakow

Current statistics on
* the state of the population,
* unemployment rates,
* average monthly gross salary in the enterprise sector,
* average employment in the enterprise sector,
* the number of apartments completed,
* entities of the national economy,
* GDP per capita.

can be found at
**krakow.stat.gov.pl/en**

## I.2. Trends and growth of export in Małopolska Region

Export is a very important element of the Małopolska Region economy, and its volume and significance is increasing year on year. This is evidenced by a significant increase in the value of exports in 2017 as compared to 2016 by 8.2%, which constitutes 4.7% of the value of exports of the whole country. According to data for 2017, the value of goods and services exported from the region amounted to EUR 9.56 billion (6th place in the country). The total number of enterprises actively engaged in exporting from Małopolska Region in 2017 exceeded 3.8 thousand (an increase by 6.8% compared to 2016 and the 4th place in Poland). The most important areas of economic activity in the region according to PKD, in terms of export value in 2017, are: industrial processing - EUR 7.68 billion; wholesale and retail trade, repair of motor vehicles, including motorcycles - EUR 1.46 billion; information and communication - EUR 131.50 million. In terms of the structure of the value of export products according to the Combined Nomenclature (CN - Combined Nomenclature), the most important sections are: machinery and equipment, electrical and electronic equipment - EUR 2.52 billion (26.4%), base metals and products - EUR 1.44 billion (15%), transport equipment - EUR 1.35 billion (14.2%), and plastics and products - EUR 1.09 billion (11.4%).

## I.3. Higher education in Małopolska Region

The Małopolska Region is the second largest academic centre in Poland in terms of the number of students (second to the Mazowieckie Region). In the 2018/2019 academic year, 150.1 thousand people (including 8.5 thousand foreigners) studied here, including 2.6 thousand in 10 branch organisational units of 7 higher education institutions from other regions. The number of students decreased by 7.6 thousand (by 4.8%) when compared to the previous year.

Within the sector of new technologies, information technology and research and development works, the following institutions of higher education play a dominant role:

### Stanisław Staszic AGH University of Scienceand Technology in Krakow (1919)

The university educates students in 62 fields of study at such faculties as : Faculty of Metals Engineering and Industrial Informatics, Faculty of Electrical Engineering, Automatics, Computer Science and Biomedical Engineering, Faculty of Computer Science, Electronics and Telecommunications, Faculty of Mechanical Engineering and Robotics, Faculty of Physics and Applied Computer Science, Academic Centre for Materials and Nanotechnology. The AGH University of Science and Technology operates the Academic Computer Centre CYFRONET, the University Computer Science Centre, the AGH University of Science Centre for Technology Transfer (CTT) and the Academic Business Incubator.

*www.agh.edu.pl/en*

### Tadeusz Kościuszko Kracow University of Technology (1954)

The most important (out of 31) fields of study at the CUT include: Faculty of Electrical and Computer Engineering, Faculty of Architecture, Faculty of Physics, Mathematics and Computer Science, Faculty of Civil Engineering, Faculty of Mechanical Engineering. Within the university there operates the Centre for Technology Transfer at the Cracow University of Technology www. transfer.edu.pl Since the beginning of its activity (1997) CTT has been supporting innovation by combining business with science. The CTT implements national and international projects aimed at the development of science and improving the competitiveness of regional enterprises.

*www.pk.edu.pl*
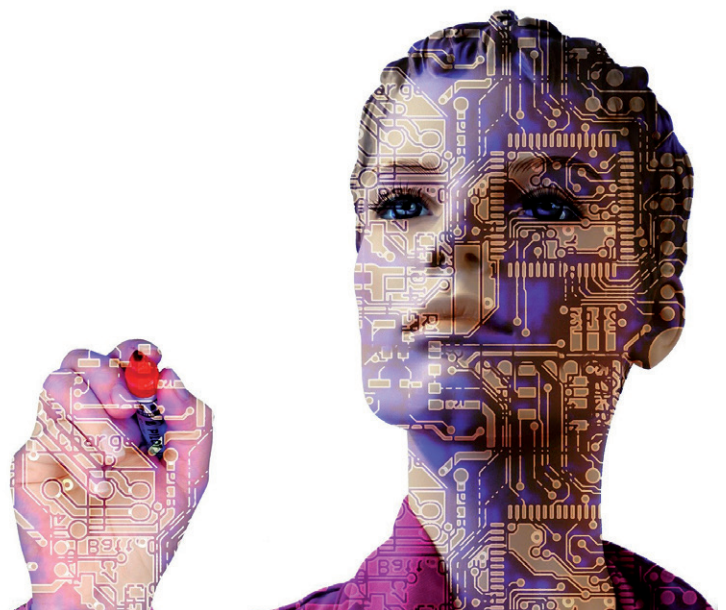
### Kracow University of Economics (1925)

CUE comprises, among others, the Faculty of Economics and International Relations, the Faculty of Finance and Law, the Faculty of Economy and Public Administration, the Faculty of Commodity Sciences and Product Management, the Faculty of Management. The latter includes the following specializations: Economic Analysis, Applied Computer Science, Business Innovation, Marketing and Market Communication, and courses taught in English: Applied Informatics, Modern Business Management and Quantitative Methods in Modern Management.

*www.uek.krakow.pl*

### Jagiellonian University in Kracow (1364)

The Jagiellonian University is the oldest university in Poland and one of the oldest in this region of Europe. Apart from many faculties of humanities, the JU has also: Faculty of Physics, Astronomy and Applied Computer Science, Faculty of Mathematics and Computer Science, Faculty of Chemistry, Faculty of Biology and Earth Sciences. The Faculty of Mathematics and Computer Science offers courses in theoretical, general, applied, teacher, financial mathematics, mathematics in economics, mathematics with computer science, biomathematics, computer mathematics, as well as in the field of applied, theoretical, analytical computer science, bioinformatics, software engineering, modelling, artificial intelligence and control systems and software.

*www.en.uj.edu.pl/en*

# II. The market of modern technologies in Małopolska Region

## II.1. Largest ICT companies in Małopolska Region

**Akamai Technologies, International AG** – the leading content delivery network (CDN) services provider for media and software delivery and cloud security solutions. The company is expanding its EMEA service centre in Krakow, leveraging the highly qualified and talented employee base in the region and helping to support the growth of the local economy.

In addition to highly qualified graduates from local universities such as AGH University of Scienceand Technology, and the Jagiellonian University, Akamai is also encouraging Polish expats to return in order to work in its Krakow office, the largest hub of its European operations.

*www.akamai.com*

**Comarch** – a producer of IT solutions and an integrator. Since 1993, Comarch has been helping clients to achieve greater profitability and gain income from modern products and solutions, using a wide range of tools complemented by the services of the highest quality. Comarch has gained experience in the most important industries (telecommunications, finance, banking and insurance, trade and services, IT infrastructure, public administration, industry, health care, as well as small and medium enterprises) thanks to projects implemented for the largest among Polish and global brands.

*www.comarch.co.uk*

**CD PROJEKT RED** – established in 2002, located in Warsaw, Krakow and Wroclaw, CD PROJECT RED studio was created thanks to passion and love for games. Its founders, Michał Kiciński and Marcin Iwiński, pioneers of video game distribution in Poland, decided to use their experience gained from working with the world's largest brands to create top quality games. The Witcher – the first game of the studio – had its premiere in 2007. After the game's success, the studio gained impetus and started working on the second installment. Originally released in 2011 (PC) and 2012 (Xbox 360), Witcher 2: Assassins of

Kings made a name for itself in the contemporary history of the genre as one of the bestrated role–playing games. Once a small–sized game development studio, CD PROJECT RED has evolved into a leading video game developer with more than 800 employees around the world, a studio that sets new standards in game quality and in the approach to gaming audiences.

*www.en.cdprojektred.com*

**Ericsson** – a leader on the Polish market when it comes to preparations for 5G technology implementation. It cooperates with both universities and operators and activates local start–ups in terms of 5G dissemination. Ericsson cooperates with all mobile network operators in Poland, as well as with selected cable TV providers and landline operators.

*www.ericsson.com*



**ESET** – one of the most innovative companies in the IT security industry, with 30 years of R&D experience and more than 1,400 employees on five continents. From the very beginning of its existence, ESET has been considered an innovative company, providing antivirus solutions that detect not only known but also new, previously unidentified threats. ESET is the absolute record holder of Virus Bulletin's threat detection tests – ESET has won every test since 2003. The company's

solutions are available in over 200 countries around the world and protect over 110 million clients – both individual and business entities.

*www.eset.com*

**IBM BTO Business Consulting Services** – one of the leading international companies providing professional services in the field of business process support. The clients are served under three basic accounting processes: receivables, liabilities and general ledger. The financial and accounting centre in Krakow offers its clients unique solutions, knowledge and years of experience, being guided by trust and responsibility in all activities.

*www.ibm.com*

**NOVOMATIC TECHNOLOGIES** – one of the biggest international manufacturers and operators of gaming equipment that employs more than 25,000 staff members. The Group has locations in 45 countries and exports high–tech electronic gaming equipment and solutions to more than 70 countries. The Group operates more than 260,000 gaming terminals in its almost 2,100 gaming operations as well as via rental concepts.

Through its numerous international subsidiaries, the NOVOMATIC Group is fully active in all segments of the gaming industry and thus offers a diversified omnichannel product portfolio to its partners and clients around the world.

*www.novomatic–tech.com*

**Luxoft** – a DXC Technology Company, is a digital transformation services and software engineering company providing bespoke IT solutions that drive business change for customers globally. As part of DXC Technology (NYSE: DXC), Luxoft enables digital business transformation, enhances customer experiences and boosts operational efficiency through its strategy, consulting and engineering services.

*www.luxoft.com*

**Ailleron** – an expert in introducing efficient and innovative technological solutions that allow for gaining market advantage through increasing sales potential. It specializes in providing modern technological products to the largest entities in the financial sector, telecommunications and hotel industry. It employs over 600 specialists, reaching every day over 300 million clients in 31 countries. It is present in 4 Polish cities with its headquarters located in Krakow, where it designs products and determines their development and promotion strategies.

*www.ailleron.com*

**Motorola Solutions Poland** – a leader in the telecommunications industry, established in 1928. With more than 15,000 employees in 65 countries, the company delivers products to both business clients and government agencies. Motorola Solutions serves more than 100,000 public safety organizations and business clients in more than 100 countries. Motorola's wide range of products includes many of the tools required to perform the tasks of any company. Motorola Solutions in Krakow is one of the world's leading Motorola Solutions technology centres. It deals mainly with creating software for public safety systems TETRA/APCO–25 and Public Safety LTE.

*www.motorolasolutions.com*

**Nokia Networks Technology Center** – develops and delivers the industry's only end–to–end portfolio of network equipment, software, services and licensing that is available globally. Their clients include service providers whose combined networks support 6.1 billion subscriptions, as well as enterprises in the private and public sector that use their network portfolio to increase productivity and enrich lives. The campany also provide clients with technology and devices

*www.nokiakrakow.pl/en*

**Sabre Polska** – Sabre's software development center in Krakow has created an employee friendly work environment where you work with talented colleagues on interesting and challenging software projects. Their combination of work projects and work environment is so highly regarded that Sabre Polska was named the best large company to work for in Poland by the Great Place to Work Institute twice. At Sabre they develop software to power the travel and transportation industry. Sabre Polska is an innovative technology company that leads the travel industry by helping clients succeed.

*www.sabre.com*

**Veracomp** – the leader in Value Added Distribution (VAD) in the field of ICT solutions. The company operates in 17 countries of Central and Eastern Europe and employs over 350 people. The Veracomp Group provides comprehensive IT solutions applied in all sectors of the economy. Veracomp has been active since 1991 and has an established position in the CEE region. The Group's portfolio includes 190,000 products from more than 120 global IT manufacturers, which are delivered to end clients through a sales network of several thousand sales partners.

*www.veracomp.eu*

## II.2. Companies (by specialisation):

- **BUSINESS PROCESS MANAGEMENT / RAPID APPLICATION DEVELOPMENT**

**WEBCON** – a manufacturer of a platform for developing business applications for medium and large companies, WEBCON BPS (Business Process Suite). The Rapid Application Development (RAD) system based on the SharePoint platform enables IT departments and application designers to create solutions for business in agile and iterative way.

*www.webcon.com*

- **IT SOLUTIONS**

**Insoft** – a leading manufacturer of software for retail systems. Since 1991, it has been supporting the retail business by creating reliable and easy–to–use retail–oriented applications. It develops retail solutions in close cooperation with clients and business partners.

The quality of the products is confirmed by 26 000 satisfied customers – shops and retail chains representing various industries. PC–Market is considered to be the flagship product. It is a reliable software for shops and chain stores, allowing to increase sales, save time and simplify business management.

*www.insoft–retail.com*

**ANT** - delivers proven Industry 4.0 solutions to improve factory performance. It is responsible for design, consulting, system delivery and automation, hardware installation, global rollouts. Continuous process of improvement – the company constantly develops already implemented systems to ensure their readiness to meet 100% of even the highest customer requirements. By combining IT systems with automation, it understands the contemporary industry and responds to the challenges faced by modern production. Based on their experience in multiple international projects for the world's largest manufacturers, they know how to carry out digital transformation processes, increasing production efficiency and ensuring fast ROI in the best possible way.

*www.antsolutions.eu*

- **BANKING & FINANCE**

**Visiona** – has been supplying the financial sector with IT systems since 2003. Their products and services are focused on supporting and optimising processes in two business areas – electronic fund transfers and cash management. In each of these areas, Visiona offers proven and reliable application packages: Visiona Card Solution Suite for electronic fund transfers and Visiona Cash Management Suite for cash management. Their solutions are selected by banks, starting with small ones to those that have several hundred branches and have issued millions of cards, as well as their service providers managing ATM networks and those providing the cash processing services.

*www.visiona.pl*

**VSoft** – a Polish joint stock company, which has been designing and implementing proprietary software, as well as providing consulting services for 23 years. The interest in modern and innovative IT solutions is accompanied by continuous technological development, but the success has been based on the ability to listen to clients. The company acts as a trusted provider of advanced IT solutions, but also as a business partner enabling to generate new sources of profit. Clients appreciate the fact that they can talk to them: they listen to their dreams, understand them and make them come true. They appreciate the cooperation with them, which usually lasts many years

*www.vsoft.pl*

- **SYSTEM INTEGRATION & SECURITY**

**AdRem Software** – the company has been founded in 1998 and started with the successful development of software for Novell networks. The idea of NetCrunch was born on a plane somewhere over the Arizona desert during a conversation with an industry fellow. He complained about the lack of proper network monitoring tools. Several enterprise solutions were too expensive and their implementation was a nightmare. Other solutions coming from smaller companies were not enough. The company software helps customers in many countries and almost any industry. It monitors everything, from the devices at the bottom of the ocean to the ski lifts, university campuses, school networks, banks and factories.

*www.adremsoft.com*

**Maxto** – a recognized integrator on the Polish market in the field of telecommunications, ICT and software. The company was established in 2003 in Krakow, where its headquarters is

currently located. It offers a wide range of dependable solutions in the areas of: software, IT infrastructure and system integration. It provides comprehensive support at every stage of a project. The activities include consulting, integration, design, implementation of IT solutions, as well as sub-sequent service and maintenance.

*www.maxto.pl*

**SOLIDEX** – established in 1990, has specialised in the design, construction and maintenance of network systems of any scale and complexity, intended for any sector of the economy. SOLIDEX SA owes its current position among the leading Polish system integrators to its strong specialization based on consistently applied state–of–the–art technologies of the world's leading manufacturers (including Cisco Systems, F5, Check Point or Juniper).

*www.solidex.com.pl*

- **DATABASE SOLUTIONS**

**Itcube Software** – ITCube Software, initially focused on individual projects for intranet business solutions, has existed since 1999. On the basis of such experience, ITCube Software has developed the ITCube Package. Since 2003 the ITCube CRM has been constantly developed in cooperation with users and partners. The ITCube CRM has been implemented in over 1,000 companies in various lines of business, and the number of users exceeds 10,000. Currently, ITCube Software focuses on the development of the CRM software, providing technical support for its users and software installations.

*www.itcube.pl*

- **MOBILE DEVICES, ACCESSORIES, COMPONENTS**

**Landotech Mobile** – a distributor of mobile solutions – mobile phones, tablets and telecommunications devices for business purposes. The company has over 10 years' experience which has a real impact on its knowledge and business skills. The company cooperates with leading mobile brands. Customer care, a varied offer, perfect logistics – all that has an impact on the company's development, success and helped to achieve the goal to become one of the future leaders on consumer electronics market.

*www.landotechmobile.pl*

**Silvair** – provides complete and flexible lighting control solutions based on the global Bluetooth mesh networking standard. The company offers full–stack firmware packages that enable a wide range of lighting control functionalities, including advanced lighting control strategies. Component manufacturers can easily integrate them into their LED and sensor products, flexibly choosing specific features in accordance with clients' needs. In addition, Silvair provides a smart lighting platform with dedicated tools for commissioning and managing connected lighting systems in commercial spaces.

*www.silvair.com*

- **CLOUD COMPUTING**

**Appliscale** – a globally operating, innovative IT consulting company specialising in Adtech, Cloud and Scalability solutions, headquartered in Krakow. Specialising in the design and development of highly scalable systems, Appliscale is currently managing the day to day operations of a multi–billion undertaking, multi–million dollar a day using the system that they designed from scratch. Appliscale consultants bring a depth of experience to any partnership, not only with feature development but also regarding project and product management, production maintenance, requirements analysis, cost analysis and performance optimisation. To deliver solutions for clients company uses technologies best suited for a concrete case.

*www.appliscale.io*

**Ceesoft** – founded in 2014, provides world class IT managed security services. Working with the most innovative suppliers, Ceesoft offers the highest standard of security and best protection in real time for any kind of organization, regardless of time, place and customer IT environment platform.

*www.ceesoft.pl*

**PolcomData Center** – created to guarantee the clients access to security, availability of data and IT equipment. It is a complex of the state–of–the–art data processing centers in Poland. The total area of the centres is over 12,000 m2. Owning two professional Data Centers separated by distance enabling the establishment of any type of connection between them, gives a unique opportunity to create infrastructure in an exceptionally secure manner. Now, the primary and backup center can be maintained by one

company able to take care of security procedures comprehensively and pay equal attention to the continuity of operation of the client's equipment or keep its systems ready 365 days a year, 24 hours a day. Based on data processing centres, the company provides services related to IT security, data scanning and data storage, as well as connected with maintaining continuity of operations in companies.

*www.polcom.com.pl*

- **BESPOKE & EMBEDDED APPLICATIONS**

**Berrylife** – modern and interactive multimedia solutions. It is a group of experts and enthusiasts of new technologies. They specialize in implementing advanced multimedia solutions for advertising, education and entertainment. They provide comprehensive multimedia solutions for events, fairs, conferences, erect multimedia installations, both permanent and temporary. Since the beginning of the company's existence, the creative department, where films, animations, VR and AR productions are made, is also being developed. They employ modern technologies to create unforgettable, intriguing projects. They have enjoyed the trust of both global brands and local business partners for many years now.

*www.berrylife.pl*

**Foresight** – created as a result of dynamic development of the Document Processing Department of AutoID Polska SA, which has consistently implemented a strategy of providing users with systems that will provide them with the possibility of comprehensive management of a selected process for years, using for this purpose technology that ensures maximum efficiency of operation.

*www.foresight.com.pl*

**SoftQ** – a creative software house. The main goal is to make Internet world more beautiful and useful. The company is coding both simple and CMS backend websites and dedicated web applications as well. Company's most popular product include: websites, CMS websites and applications. SoftQ's websites are always responsive.

*www.web.softq.pl*

**Xtend new media** – founded in 1997. The campany designs individual IT solutions, supports strategic business processes in companies, creates customized software tailored to individual needs. Their clients include leading German companies. They operate based on years of experience.

*www.xtend.pl*

- **EDUCATION**

**Brainly** – one of the Polish consumer startups, which has enjoyed global success. Brainly is the world's largest peer-to-peer learning platform for teachers, parents and students to assist them with solving homework problems and learning, for instance in science, history, social science and mathematics. It's one of the fastest growing educational and technology startups in the world.

*www.brainly.com*

- **GAMING INDUSTRY**

**Bloober Team** – an independent producer of video games that are known for their difficulty and challenging gameplay. The company was founded in 2008 by Peter Babieno and Peter Bielatowicz. The business began with contract work, however, after obtaining the necessary experience and gathering a talented team 'Bloober Team' began working on its own projects. The main objective of the company is to create sophisticated, character driven titles with unique worlds, designed for the most demanding customers. The company's products are available worldwide via digital distribution and have gained reputation as one of the most demanding games on the market. Bloober Team is currently working on completely new brands that will demonstrate not only the unique scenery and revolutionary gameplay mechanics, but also unique stories. The company is listed on the New Connect

*www.blooberteam.com*

**Duckie Deck** – a kids company. Duckie wants them to believe they can change the world. It's what they believe in. Company's goal is to support healthy and well–rounded development in the youngest technology users, while also creating opportunities for learning and playing that extend beyond the virtual reality. The company wants to kindle curiosity and creativity, inspire asking questions and encourage looking for answers. Duckie Deck educates young explorers through experience and wants them to believe they can shape reality around them. The company has years of experience creating apps & games, events, workshops and helps brands approach parents responsibly.

*www.duckiedeck.com*

**FreeMind** – a computer games, entertainment and software developer. The company executes independent projects and is a reliable partner for many domestic and foreign publishers. Their products aim at reaching both children as well as adults, wealthy and economical users. It releases its products on various platforms - PC, Playstation, Game Boy Advance, Nintendo DS. They use the following technologies: Chrome Engine, GameBryo, FM Engine, Ogre3D, Unity 3D, 3DsMax, XSI, Blender, Photoshop, Gimp.

*www.freemind.pl*

**Gamedesire** – the company has been one of the leading developers of free-to-play social network games in Europe. It publishes titles for mobile platforms such as iOS, Android and also for PC. They develop multiplayer games for players from all over the world. The company's apps are available on many platforms, so that players can use them efficiently on different devices and continue to play at any time.

*www.company.gamedesire.com*

**Nano games** – an independent game development studio based in Krakow, Poland. It creates unique and exciting entertainment experience for PC and consoles by developing innovative, high–quality games. It specializes in simulation genre. So far, Nano Games has developed the following games: Reef Shot, ZAMB! Biomutant Extermination, Cityconomy, ZAMB! Redux and ZAMB! Endless Extermination. It is currently working on a new motorsport simulation game – Heavy Duty Challenge (HDCthegame.com).

*www.nano–games.com*

**Simpro** – produces professional XR training simulators for public and private use and operators of aviation, critical infrastructure, that enable personnel training in terms of procedures and security threats. In-house R&D team conducts cutting–edge research. Simpro uses advanced XR technology with a realistic recreation of various environments using photogrammetry.

*www.simprosoft.com*

**Polyslash** – a team of experienced artists and developers, whose goal is to create ambitious independent games. The studio was founded in 2015 in Krakow, Poland. Their latest title is 'We. The Revolution' – a game that was enthusiastically welcomed by both the players and the global press. On the very first day of sale it hit the second place on the Steam global bestseller list. The company's studio constantly grows so it can produce unique stories

*www.polyslash.com*

**Sodigital** – they take coding seriously so that you can have all the fun. Everyday, the company aspires to provide the best quality and experience for users. They chose Krakow for their HQ, the academic center of Poland. Company's team is all about delivering entertainment experience. Developing innovative apps and games is Sodigital passion, which in turn constitutes foundation of work, because they love creating unique experiences for everyone to enjoy. Delivering fun and entertainment regardless of platform or device used is company's top priority

*www.sodigital.com*

**Teyon** – a successful developer and publisher of interactive entertainment for all leading platforms. Established in 2006. The company is focused on the development of high–quality video games and software. Teyon has offices in Krakow, Lodz (Poland) and Tokyo (Japan). The company is an authorized developer for all leading consoles: Playstation, Xbox, Nintendo 3DS, Nintendo DS/DSi, Wii, Sony PSP. Teyon is also an experienced developer for PC, Macintosh, iPhone/iPad and Android devices.

*www.teyon.com*

**ALL IN! GAMES** - a team of passionate specialists with extensive knowledge about the video game industry. Your game partner who makes sure that players are able to enjoy unique and unforgettable games. Various projects for different gaming platforms.

*www.allingames.com*

**BECLOSE** - mission is to design intelligent, user friendly products to make things easier and more exciting. ‚Lokalizator' project allows users to be located in the indoor space, permits you to quickly spot any place in the building in an easy way. Finding new places was never so easy and comfortable before. ‚Gramy w to' - an application allows you to find players and places to play board games all around Krakow.

*www.beclose.eu*

- **INTERNET OF THINGS**

**AVSystem** – was established in 2006 and first catered for the needs of the Telco industry. Nowadays, we offer a wide range of products aimed at many other industries. They operate globally, so anytime and anywhere you can get a hold of our representatives all over the world. They are 100% focused on technology and qualitative engineering. Their team is made of top-notch software developers and network engineers who create top-class and dependable solutions that are deep rooted in technology. They know both the industry needs and how to create tailor-made solutions to answer them.

*www.avsystem.com*

**Husarion** - autonomous mobile robots made simple - hardware, software and connectivity solutions which allow you to build your own autonomous systems easily and efficiently. Husarion Cloud allows you to manage your robots over the internet. Husarnet P2P VPN network dedicated for robots, autonomous vehicles and industrial IoT applications.

*www.husarion.com*

**S-Labs** - IoT laboratory focused on powering the world with smart energy. Smart Energy Solution consists of hardware and software infrastructure, connecting users with energy and telecom providers. Connect Access Service enables safe and remote control over IoT devices from every place in the world.

*www.slabs.pl*

- **TRANSPORT & LOGISTICS**

**DataConsult** – a Polish manufacturer of comprehensive IT solutions designed to support the management of internal logistics in companies. For almost 15 years, they have been providing innovative storage systems that help customers achieve their intended benefits and business goals. They specialise in optimising processes and internal logistics flows using proprietary IT systems from the ExpertWMS family and knowledge gained from over 300 projects.

*www.dataconsult.pl*

**ITsoft** – the company was established in 1993 and from the very beginning it was responsible for creating software for companies operating in the tourism industry. The key product, designed in its entirety by ITSOFT and developed over 20 years ago, is the euroTICKET system, which enables the purchase of bus/coach tickets as well as various insurance products. Their clients include almost 100% of Polish coach companies, they cooperate with over 4,000 Polish and European travel agencies.

*www.euroticket.pl*

- **HEALTH & TELEMEDICINE**

**MedApp** – an innovative company offering new generation of unique telemedicine solutions. Telemedicine, based on technology enabling remote monitoring of patient's health condition, is one of the most dynamically developing industries in the world. Carna Life, an analytical telemedicine system which currently recognizes over 20 abnormalities in ECG signals is an example of a product created and developed by MedApp. The system's modules, designed specifically for patients, medical specialists and medical facilities, are accompanied by smart, cloud-based biomedical algorithms.

*www.medapp.pl*

**Silvermedia** – an innovative IT company founded in 2002 on the initiative of scientists and biocybernetics enthusiasts. The company is composed of multidisciplinary teams, technology, business and marketing experts who work hand in hand to provide solutions for large and multidisciplinary institutions. The people working at Silvermedia created pricing models and systems to support management decisions, among others, for LOT Polish Airlines and Qatar airlines and for the Polish pharmaceutical company ADA-MED.

*www.silvermedia.eu*

**Prodromus** – a company from Krakow, derived from private project of rehabilitation robot for cerebral palsy children. It took 9 years of development and now it has been 6 years of existence as a company operating in dozen countries in Europe and Asia. Prodromus deals with design,

production and maintenance of advanced medical devices. The main product is Prodrobot, an automated gait trainer for rehabilitation of the lower limbs for children with a wide spectrum of diseases i.a. cerebral palsy or dystrophy. The port-folio also includes an adult version of the robot and a feedback system for electronic visualization of data collected during physiotherapy using robotic devices. Prodromus focuses on the innovation of its solutions, as well as fullfiling the real needs of patients. The company is open to global cooperation in sales and research.

*www.prodromus.com*

**T–MedSys** – the only ones to offer the implementation and support of TeleDICOM applications - a modern teleconsultation system for medical imaging. It enables a group of users to jointly and interactively consult the results of imaging examinations, but it is also possible to organize tele-consultation, using a non-interactive mode. Tele-DICOM supports one of the standards of modern medicine - DICOM - to ensure high quality diagno-stic images. They provide connectivity between remote participants in workshops or medical conferences.

*www.tmedsys.pl*

**Findair** - control your asthma with FindAir smart inhaler. Full control, less asthma attacks, better life. A smart sensor will make your asthma inhaler a source of unique information. Reduce the number of unexpected symptoms and find out what is behind your asthma attack.

*www.findair.eu*

**Shape.Care** - is a solution providing continuous training analysis - performance, technique and progress. The system becomes a personal trainer who monitors the effort, progress and corrects the exercise technique. Improves performance through measurements of the number and frequency of repetitions, weight and personal parameters (heart rate, movement dynamics). Whole data just in your phone!

*www.shape.care*

**Airly** - creates the most innovative and effective tools for measuring the air quality and providing the most reliable, real time data about pollution to the largest possible number of people. Mission: to increase awareness about the meaning of air quality, and consequently, bringing an effective contribution to solve the pollution problems and improve the quality of life for people all around the globe.

*www.airly.eu*

- **SOFTWARE DESIGN**

**FELG Software** - FELG translates your ideas into a concrete app. Apps should be considered attractive, awesome, smart, easy-to-use, client friendly. Everyone in the team is skilled and earned lot of experience in creating mobile (iOS, Android, Windows Phone) and desktop (Windows, Mac OS X and Linux) Apps.

*www.felgsoftware.com*

- **MULTIMEDIA, DESIGN & ANIMATION**

**Dardanele** – 2D animation is their passion. They are happy to work on projects of various sty-les, also requiring efficient and timely implementation. The projects are tailor-made and unique to meet the needs of each client. Operating on the market for over ten years. They use the experience gained during this time to make cooperation with Dardanele Studio effective, pleasant and fruitful for all parties involved.

*www.dardanele.com*

**Drei Bond GmbH** – a long-time supplier of adhesives, sealants, dosing systems, oiling and lubrication systems. The company has created a comprehensive offer of high quality technical chemistry products and advanced system solutions for its clients in the field of planning and selection of optimal product dosing technology. A Polish representative office was established in 1997.

*www.dreibond.com.pl*

**Printbox** - next-gen software for your photo product business - the fastest developed software in the whole photo industry. Sell photo books, gifts, prints and more using platform tailored to your needs. With Printbox be always ahead of the competition.

*www.getprintbox.com*

- **MOBILE APPLICATIONS**

**Miquido** – delivers digital products based on data science and artificial intelligence.
The company's team combines data analysis, functional design and modern technologies, ensuring application development at every stage

of the product's life – from the idea, through UX design to app development and optimization. Deloitte Technology Fast 50 CE recognized Miquido as one of the fastest growing companies dealing with the development of digital products in Central Europe. The company's projects implemented for HelloFresh, TUI or Picniic have been recognized by Google, TIME, UK App Awards, Webit Awards, and Mobile Trends Awards. The company has successfully delivered products for: Abbey Road Studios, Skyscanner, PLAY, Nestle, TUI, Aviva, AXA, Hello-Fresh or Kazar, among others. The company specializes in solutions for the fintech, telecommunications, healthcare, music and tourism industries.

*www.miquido.com*

**Mobiltek** – it has been helping companies reap the benefits of IT and mobile solutions since 2002. The company specializes in the aggregation of SMS services. They have gained significant market share and recognition in this field. The number of completed projects serves as the best recommendation. They work with SMS, MMS, WAP, IVR, JavaPhone, STK and XHTML technologies. The company is the creator of numerous mobile applications for Windows Mobile, Symbian, Android and iOS. They implement projects based on service-oriented architecture (SOA).

*www.mobiltek.pl*

**Softnauts** – a mobile and web development company located in the Polish Silicon Valley – Krakow. For over ten years now, the company has been composing a highly skilled and motivated team of specialists to accommodate its clients' needs. Excellence and expertise come from practice; with dozens of completed projects worldwide, Softnauts knows what it takes to deliver great quality at

a reasonable price and within the scheduled time frames. Their developers, designers and Project Managers can constantly flourish while working on exciting projects for clients from different countries and continents.

*www.softnauts.com*

**K-SOFTWARE Krzysztof Osipowicz** - Mobile applications (Android, iOS), C++ developed desktop apps (Windows & Linux), VBA macros for MS Office & OpenOffice, Web apps (PHP, Java EE, SQL, JavaScript, AJAX, XHTML, CSS).

*www.k-software.eu*

**Railwaymen** - Turns your amazing ideas into incredible apps. Service includes developing innovative and comprehensive software solutions based on business requirements and its analysis. Software development and consulting services: custom CRM solutions, CMS, both web and mobile applications, tailored to individual needs, RoR experience.

*www.railwaymen.org*

**Tweeba** - is a software house that develops mobile applications and responsive websites for laptops, smartphones and tablets. Online marketing strategies and research to reach most of potential clients and make them clients. Mobile apps for language learning (iOS, Android).

*www.tweeba.eu*

- **SMART CITY & INTELLIGENT BUILDINGS**

**Bt electronics** – has its registered office in Krakow and has been operating on the Polish market since 1995. From the very beginning the company was engaged in the development of its own computer software and the production of electronic devices. Bt electronics is an entirely Polish company employing Polish specialists. It produces systems and solutions under its own brand SAIK. Its portfolio includes many attractive products, such as HOMATIC intelligent building management system, automatic reception desk, porter support system.

*www.homatic.pl*

**Eveo** – a modern company with entirely Polish capital, creating and developing URVE software, intended for the rapidly developing Digital Signage industry. Such solutions are used wherever the need to display all kinds of multimedia content

(information, advertisements, announcements, video streams) on screens is the basis of visual communication. The portfolio includes advanced multi-media solutions that are used by both domestic and multinational companies.

*www.urve.co.uk*

**Revotec** – the company was established in 2008 as an entity specializing in the commisioned production of electronic devices in accordance with the relevant documentation. It has been successfully operating for 9 years, effectively implementing new projects. The devices manufactured by the company include products intended for the market of comprehensive implementation of ICT and teletechnical projects for both public and private sector. They offer devices for Public Information Systems, i.e. Infokiosks and Infopanels, comprehensive Prison Guard solutions dedicated to penitentiary service, and specialized custom-made security solutions, i.e. information panels

*www.revotec.pl*

**Velis** – launched in 2009 with an idea to help ambitious real estate managers expand their portfolio by taking advantage of Singu technology. They have quickly found tenants, facility managers and property owners who also needed innovation within their properties and they decided to develop their offer. That allows them to create masterful business solutions, crafted meticulously by an in-house team of engineers. By following their core values, the technology they have developed has drawn in talented real estate managers, disrupted the industry and has been implemented in 17 countries across 3 continents.

*www.velistech.com*

**IGE+XAO Group** – the company has been manufacturing, supplying, selling and developing software for electricians that supports the electrical design process since 1986. The role of CAD applications for electricians is to assist them in the design and operation of the electrical part of any installation. They provide a full range of CAD/CAE, PLM and Simulation software dedicated to electrical engineering and automation.

*www.ige–xao.com*

- **INDUSTRY**

**Ecru** – a leading interior and furniture design software developer. Their flagship product PRO100 is the most popular software solution in small and medium furniture business in Poland. It's successfully sold in other countries starting form Russia, through Western Europe, United States to Australia and New Zealand. The range of their products support the whole furniture business from a single instance of furniture and interior design, through ray tracing rendering, to pricing and cut optimisation

*www.ecrusoftware.com*

**Telkom–Telos** – a manufacturer of unconventional telephone sets, as well as teletechnical equipment. The company has been a supplier of specialist and civilian equipment for many years now, serving also military clients. Special phone sets for secret communication, sets designed to work in arduous and unconventional conditions in industry, mines and offshore.

*www.telos.com.pl*

**Codibly** - Codibly is focused on harnessing cutting-edge technology, talent, and innovation solutions for the Energy and Utilities industry in particular to make clean energy more cost-effective and available for commercial and residential end-users.

*www.codibly.com*

**Estimote Polska** - Estimote provides complete SDKs to get you quickly started building context-aware apps. 'Estimote Proximity' allows you to authenticate presence, send contextual notifications, displays proximity-based content. 'Estimote Indoor Location' locates people, watch their real-time position on a floor plan, collects attendance data. 'Estimote Mirror' displays personalized content to people visiting your venues.

*www.estimote.com*

**Miquido** - mobile apps which fit into companies' business strategy. Be it the integrated native iOS / Android, or cross-platform Flutter/ React development services, your entire product's lifecycle would thrive. Google certified software house. 1 of 50 companies globally. Artificial Intelligence opportunities - intelligent solutions use Predictive Analytics, Natural Language Processing, Computer Vision, AI-powered voice assistants and chatbots.

*www.miquido.com*

**SYNERISE** - AI-Driven Growth Operating System. Proprietary algorithms for pragmatic analytics and mass hyper-personalization with a range

of ready-to-use off-the-shelve algorithms All in one, ever-evolving big data platform that uses AI to accelerate growth of your company and implement a 12-month AI strategy in one week! Watch your business progress in their ultra-fast, advanced analytics platform with proprietary in-memory database.

*www.synerise.com*

- **OUTSOURCING**

**Infolet** – they have been specializing in outsourcing IT professionals since 2005. Contractors employed at Infolet join the existing team at a client's company. It is a full service that includes the recruitment and employment of appropriate specialists, followed by HR and administrative service support. Complete teams built upon the client's request. This solution is for companies which need to implement a new project both quickly and efficiently. On the basis of the client's requirements, they build a complete team with competences matching the project profile and the client's needs.

*www.infolet.pl*

**Talent Alpha** - Talent Alpha has won the final competition for start-ups on the main stage of UNLEASH World – the largest conference for HR leaders to discuss the Future of Work and the latest HR Tech innovations. An access to a previously untapped talent pool of 700,000 experienced and project-ready IT specialists working in 25,000 small & medium-sized IT Services Companies across Europe.

*www.talent-alpha.com*

- **SALES**

**2040** - company uses deep learning algorithms and conversational UI to create a new category of software - an AI powered assistant for sales teams. Edward – an intelligent assistant for sales departments supports the work of mobile traders and their managers, helping them make right decisions. The system combines data from various sources, such as e-mail, telephone, calendar, and then analyzes them using AI.

*www.2040.ai*

**Income** - mobile programs working on any type of portable terminals and smartphones, significantly increasing the efficiency of mobile employees. Solutions recognized by clients from



the following sectors: trade, distribution, production, storage, transport, forwarding, logistics, state administration institutions.

*www.icmobile.pl/en*

**KS BUSINESS SOLUTIONS** - Mobile sales systems, integrated systems – ERP, CRM and ECM and large database applications. Dedicated mobile SFA solutions for sales representatives: VanSeller (full support for PoS), Raptor Business Solutions (Customer Relationship Management).

*www.ksbs.pl*

**MAMOKO TECHNOLOGIES** - The basis of the entire EYESPERT system is eyeCORE - a unique, proprietary algorithm for identifying and searching for similar shapes. eyeQUERY (mobile version MOBeyeLE) allow to create a database of profiles and dies customer query database, and graphic searches for similar elements in each database. The eyeSYNC module enables automatic updating and synchronization of data in the EYESPERT system.

*www.mamoko.com*

**NESS SERVICES** - InstaGo - direct messages, reaches target group, openability at + 70%, attaching posts, photos, links and graphics. Increased commitment and ease of contact. Messages to people who have just seen your Instagram profile – quick response, contact and sales.

*www.instago.social*

**WEARFITS** - Ready for the 3D fashion revolution? A new era of perfectly fitting clothes, available for purchase in e-stores, is coming. Meet the virtual fashion assistant! A step into the future of clothing sales in e-commerce. Perfectly fitting clothes on-line? Now it's possible! Verified accuracy with which the basic dimensions of the silhouettes are mapped, you can put any clothing onto any figure!

*www.wearfits.com*

- **TELECOMMUNICATION**

**EMITER** – a company that has specialized in designing, manufacturing and distributing polyester and metal enclosures, current transformers and electrical switchgear prefabrication for over 25 years. It is one of the leaders in the production and sale of connectors and switchgear in thermosetting material housings. Currently, apart from its seat in Limanowa, the company has branches in Zgierz, Straszyn and Lublin. They export their housings to all European countries, as well as to Asia and Africa. Each year they expand their product assortment and distribution network, while taking care to maintain high quality of the products.

*www.emiter.com*

- **CONSULTING**

**Unity** - Your proven technology partner in digital transformation. Accelerate growth in new markets, build competitive advantage and reduce costs. Development and support of custom built business applications. Abroad offices in New York and Zurich.

*www.unitygroup.com*

**PIRIOS** - is a manufacturer and integrator of ICT solutions which enable support for the Customer service processes used by the largest national companies representing the energy, finance, commerce, transport and logistics sectors, as well as units of state administration.

*www.pirios.com*

- **WEB & MOBILE DEVELOPMENT**

**Blue Paprica** – company's mission is to set clear rules for each cooperation. 85% of employees are programmers, 100 million users have visited sites they have created, 121 research projects have been already completed. E-Commerce, Web Apps, consulting. They constantly work with certain environments – React, Symfony, OROCRM, Pimcore, HTML5, JavaScript.

*www.en.bluepaprica.com*

**Infinite Loop** – a web and mobile design & development software consultancy based in Krakow, Poland. They specialize in creating threat resistant web and mobile applications. They design digital products, plan and execute digital campaigns. Their services include: UX/UI design, Ruby, Ruby on Rails, Python, Django, React.js, backbone.js and Ember.js development, iOS, Android, Windows Phone and React Native development, hosting, support and maintenance. The company's key advantage is their product development process, which results in high–quality, fault–tolerant software delivered on time and within planned budget.

*www.infiniteloop.eu*

**GreenMouse** – the company specialized in setting up complex websites for online stores and company websites. They are committed to transparent and friendly cooperation rules. They provide comprehensive support for your project at every stage, from concept to implementation and promotion.

*www.greenmouse.pl*

**Utilitia** – the company's product – The Gold package enables testing entire websites with up to 10000 subpages. Similarly to other packages, apart from basic information the test results also include a detailed report which makes it possible to locate errors and provides the client with information on how to fix irregularities found on any subpages of the website.

*www.validator.utilitia.pl/analyses/new*

The examples described in this study do not exhaust the full range of the industry. The information contained herein is an invitation to contact the employees of the Business in Małopolska Centre, who have a full database of companies from Małopolska Region and provide assistance in establishing business relations.

Business in Małopolska Centre
Podole 60, 30-394 Krakow, Poland
e-mail: contact@businessinmalopolska.pl

This publication has been prepared as part of the implementation of the „Power up Your Business in Małopolska 2" project, sub-measure 3.3.1 of the Regional Operational Program of the Malopolska Region for the years 2014-2020.

**Free publication.**

Main sources of information:
- *company websites*
- *information received directly from companies*
- *university websites*
- *information of the Business in Małopolska Centre*
- *the photographs used in this publication are taken from the Marshal's Office of the Małopolska Region (UMWM) photo database and a free photo stock*

Kraków / 2020

For more information scan here

Business in Małopolska

www.businessinmalopolska.com