



Polish clusters and cluster policy

2012

Clusters in Poland



Catalogue



HUMAN CAPITAL
NATIONAL COHESION STRATEGY



EUROPEAN UNION
EUROPEAN
SOCIAL FUND



Clusters in Poland

Catalogue

Edition I



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Preface



Ladies and Gentlemen,

Over the last few years we have observed a dynamic growth of the competitiveness of Polish enterprises. A significant number of those businesses are successful not only on local markets but also on competitive foreign markets. Maintaining such a tendency requires constant work towards increasing the quality of offered products and continuous search for innovative solutions.

An important element of the economic competitiveness of regions is cooperation between business, science and local authorities. Being synonymous with success driven by a high quality competition, clusters offer perfect conditions for such cooperation.

The development of cooperative networks in Poland depends mainly on the will of companies, their mutual trust and skills of coordinators coming from business support institutions and administration. Being aware of the benefits stemming from clusters, the Polish Agency for Enterprise Development aims at encouraging companies to cooperate with domestic and foreign partners. Actions supporting such cooperation are implemented through a number of projects promoting positive aspects of operating in formalized collaborative networks.

I am very proud to present our catalogue published with the purpose of promoting Polish clusters as well as their innovative services and technologies. I believe this catalogue can help you initiate transnational cooperation and implement joint research and development projects.

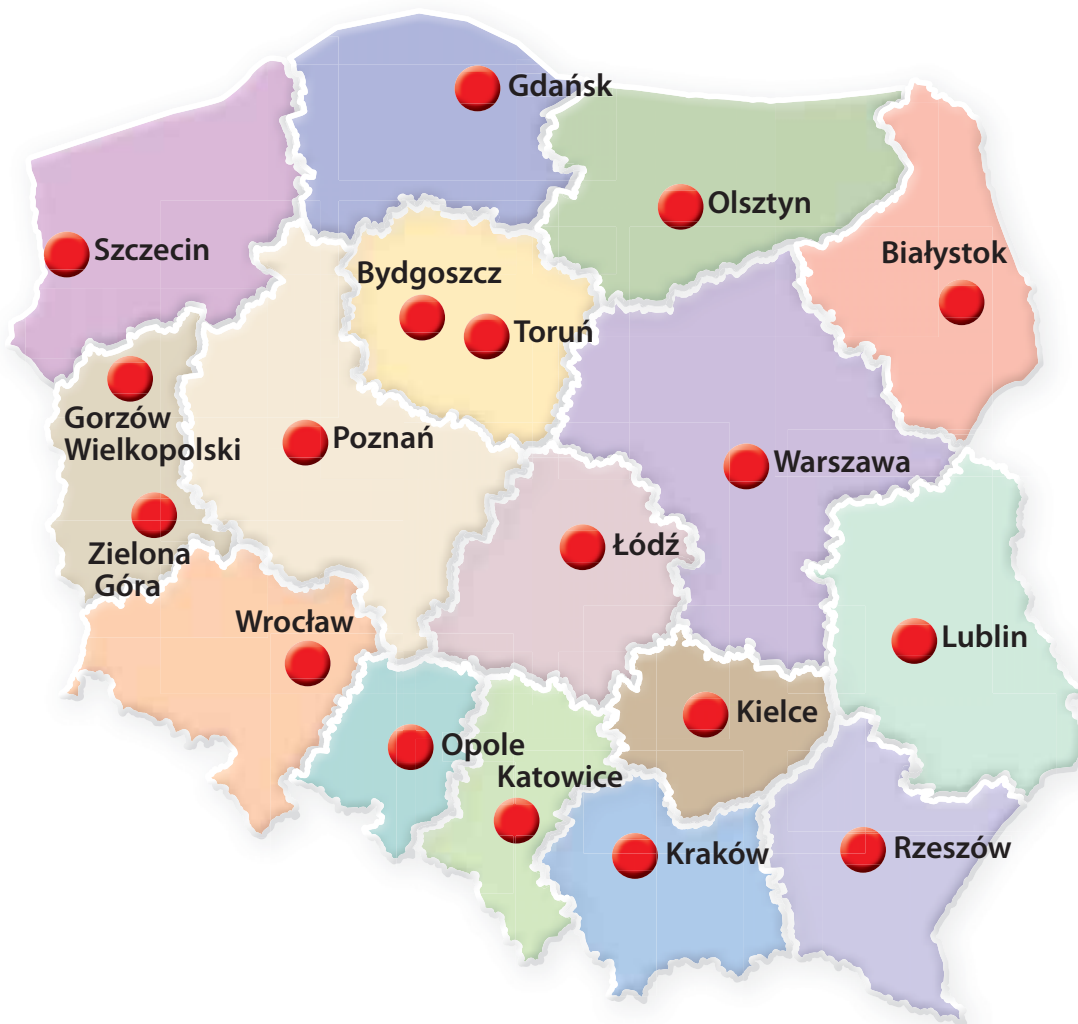
I wish you a nice reading.

A handwritten signature in black ink, appearing to read 'Bożena Lublińska-Kasprzak'.

Bożena Lublińska-Kasprzak

President of PARP

Warsaw, 2012



Introduction

Cluster could be characterized as geographical agglomeration of mutually related companies, specialized suppliers, service performing entities, companies operating in similar sectors and related institutions, which both cooperate and compete with each other¹. The development potential of clusters and cluster initiatives² in a given country is determined by numerous factors including conditions of conducting business activities, as well as the presence of different types of institutions which might support the development of enterprises.

Economic heart of Europe

Poland located in the central part of Europe is one of the biggest countries as far as area is concerned (321 thousand km²). The central location of the country with a developed road, railway and aviation infrastructure guarantees easy access to both Western and Eastern European markets. Polish railways with the joint length of 20 228 km belongs to the densest railway system in the world (2011)³. It is also worth noting that wide railway connection with Russia and other countries of the Commonwealth of Independent States facilitate transport to the eastern markets. Poland features also numerous sea and trade ports (including Szczecin, Świnoujście, Gdynia and Gdańsk), which have connections with the most important ports all over the world.

One of the most important economies in Europe

For the last two decades changes were pending in Poland related to the transformation of the economic system, i.e. from a centrally guided into a market economy. The increase of the pace of economic development was influenced by accession to the European Union, which strengthened the national economic, social and legal status of the country. At present, Poland is the 6th biggest economy in Europe and 20th in the world (2011r)⁴ with gross domestic product (GDP) reaching 514 billion dollars. Between 2007 and 2010 the average pace of GDP increase amounted to 4,3%, while in other EU countries it was close to zero⁵.

Financial stability

In the age of global economic crisis Poland is characterized by a relatively stable financial situation. This stability is ensured by a floating exchange rate, relatively big domestic demand and increasing scale of export of Polish goods. Throughout the last decade the level of inflation in the country was stable and did not exceed 5,5%⁶. National public debt amounting to 56,3% of GDP places Poland far above the average of all EU states (82,5%) (2011)⁷.

Strong human capital

Poland has at its disposal a very well developed educational and scientific background. On the territory of the country there are 453 institutes of higher education⁸ with a rich educational offer. The most relevant academic centers include: Warszawa, Kraków, Gdańsk, Poznań, Wrocław and Łódź. In 2009 the percentage of persons⁹ with higher education amounted to 21% i.e. 10 percentage points higher than ten years earlier¹⁰. Within the period 1999-2009 the average annual increase of graduates amounted to 6,5% which places Poland among the European leaders right behind Luxembourg.

Condition conducive to the development of innovativeness and entrepreneurship

Poland ensures beneficial conditions for the development of innovativeness and entrepreneurship. In the recent years a number of business environment institutions were created with the aim of supporting the representatives of the business and science sector in the implementation of different types of undertakings regarding business and R&D. These institutions offer, inter alia, office space, specialist laboratory equipment, specialist business consulting. In 2012 there were jointly 735 centers of innovation and entrepreneurship including: 24 technology parks, 40 entrepreneurship incubators, 90 technology transfer centers and 317 training, consulting and IT centers.

¹ Palmen L., Baron M., *Przewodnik dla animatorów inicjatyw klastrowych w Polsce*, Polska Agencja Rozwoju Przedsiębiorczości 2011, s. 13. [Guide for coordinators of cluster initiatives in Poland, PARP]

² Cluster initiative is a conscious, organized undertaking with the aim of influencing, in a systemic way, the development potential of a given cluster. [Palmen L., Baron M., op.cit., s. 14] It is not the same as a cluster, yet it is sometimes less formally used interchangeably with the term cluster.

³ Główny Urząd Statystyczny, Bank Danych Lokalnych: www.stat.gov.pl/bdl.

⁴ Bank Światowy: www.data.worldbank.org.

⁵ *Raport Polska 2011. Gospodarka – Społeczeństwo – Regiony*, Ministerstwo Rozwoju Regionalnego, Warszawa 2011, s. 5. [Economy – Society – Regions, Ministry of Regional Development].

⁶ Główny Urząd Statystyczny: www.stat.gov.pl; dane dotyczą lat 2001-2011; [Central Statistical Office].

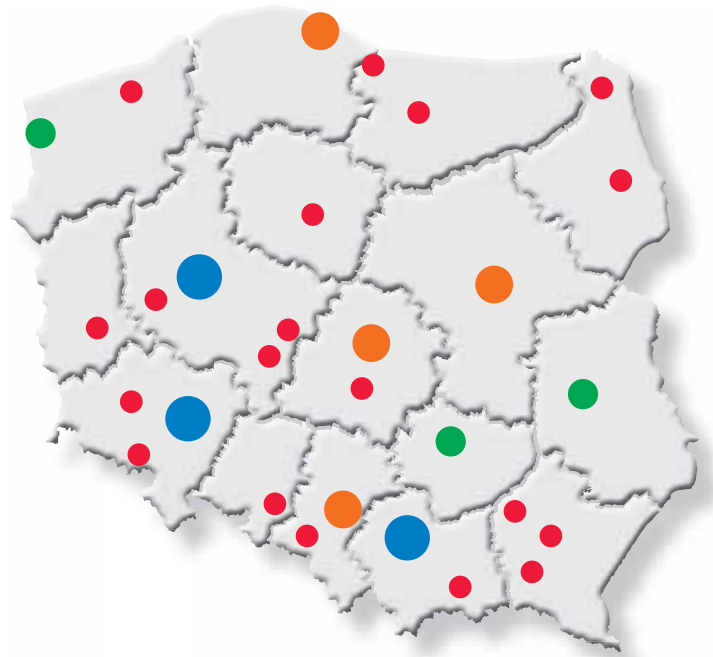
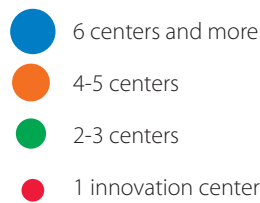
⁷ Eurostat: www.ec.europa.eu/eurostat.

⁸ Główny Urząd Statystyczny, Bank Danych Lokalnych, 2011. [Central Statistical Office, Local Data Bank, 2011]

⁹ Data regarding persons in the age of 24-64.

¹⁰ OECD: www.oecd.org.

Innovation Centers in Poland (2010)



Source: [Innovation Centers in Poland. Catalogue of innovative business support institutions, PARP 2011, page 9.]

Attractive place to invest

On the territory of Poland there are 14 Special Economic Zones (SEE) with the total area of 11 thousand ha, which make it possible to conduct business activity on preferential conditions¹¹. Special Economic Zones enable the entrepreneurs to obtain tax reliefs, possibility to initiate business activity on a specially prepared territory as well as obtain aid in arranging formalities related to implementation of investment.

Clusters and cluster initiatives

The economic growth of Poland was also facilitated by clusters and cluster initiatives. Their number has been growing in the country recently. Until March 2012 around 212 cluster initiatives were created¹². Mazowieckie Voivodeship has been particularly active in this field

grouping as many as 26, which ranks it first in the country. They are quite numerous represented in the Warmińsko-Mazurskie (18) and Śląskie Voivodeships (17).

Most frequently initiatives are created by businesses¹³, which is a good sign for the level of self-organization and cooperation of the business environment. Business support institutions are also quite active (e.g. regional development agencies, associations, foundations), R&D institutes and entities from the field of science.

A majority of initiatives is relatively young (created between 2007-2009)¹⁴, but in connection with a high level of education of employees employed by their members this fact points to a significant development potential. Despite their young age, Polish clusters take on a number of activities aimed at the use of the synergy effect. These include: preparation of a joint offer, conducting lobby activities, placing joint orders, sales by a joint distribution channel¹⁵.

¹¹ Raport KPMG – Specjalne Strefy Ekonomiczne. Edycja 2011, Warszawa 2011, s. 5. [KPMG report – Special Economic Zones]

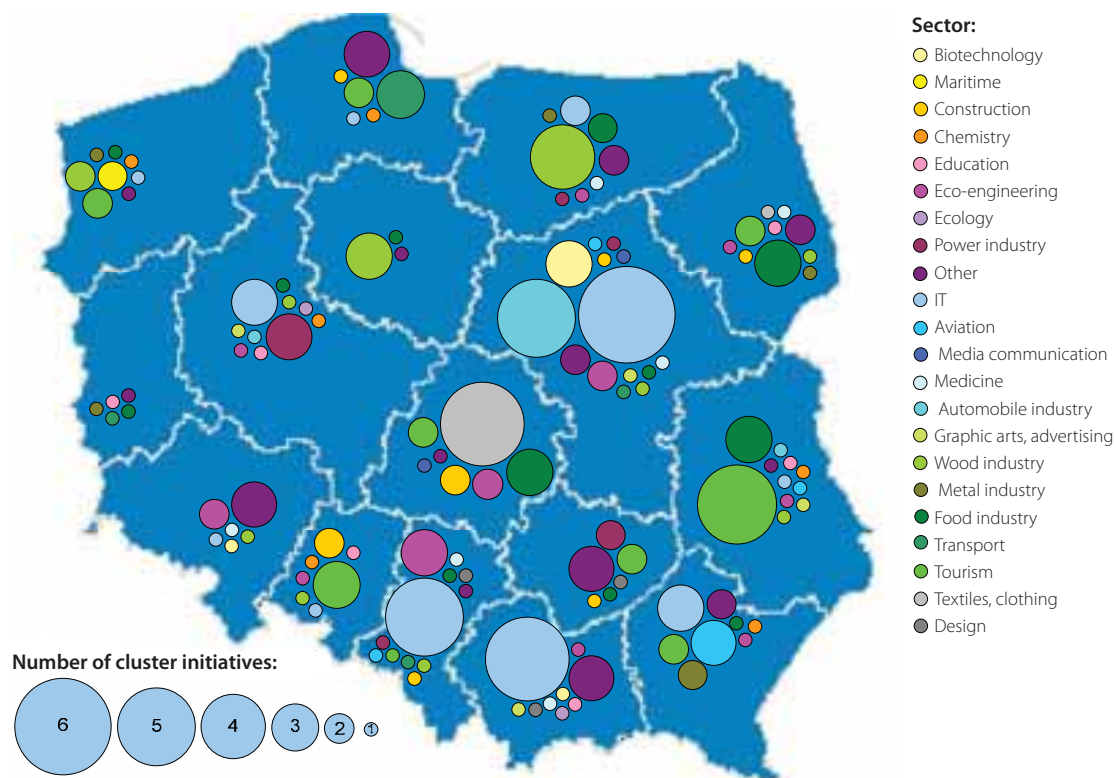
¹² Dane za katalogami klastrów w 16 województwach, wydanymi przez PARP, 2011-2012. [Data as per cluster catalogues of 16 voivodeships, issued by PARP]

¹³ Benchmarking klastrów w Polsce – 2010. Raport z badania, PARP, Warszawa 2010, s. 28. [Cluster benchmarking in Poland]

¹⁴ Benchmarking klastrów w Polsce – 2010. Raport z badania, PARP, Warszawa 2010, s. 27. [Cluster benchmarking in Poland]

¹⁵ Benchmarking klastrów w Polsce – 2010. Raport z badania, PARP, Warszawa 2010, s. 189. [Cluster benchmarking in Poland]

Sector structure of cluster initiatives in Poland



Sources: own work on the basis of data included in cluster catalogues, PARP

The analysis of sector structure of the Polish cluster initiatives reveals that they function both in sectors recognized as innovative as well as more traditional. The most numerous is the ICT sector represented by 28 cluster initiatives located predominantly in the Mazowieckie (6), Małopolskie (5) and Śląskie Voivodeship (4). As much as 27 initiatives in 11 voivodeships operate in the tourist sector. Their strongest concentration can be observed in the Lubelski region in which there are 4 such initiatives.

Other sectors are also well represented such as: food sector (20), eco-energy (18) and wood industry (13). Although there are 20 cluster initiatives in the food industry they are characterized by significant fragmentation – they are scattered over 12 voivodeships. Three initiatives each operate in the following voivodeships: Lubelskie, Łódzkie, Podlaskie and Warmińsko-Mazurskie and single initiatives in the remaining voivodeships.

Special attention should be paid to the textile and clothing industry operating in the Łódzkie Voivodeship which groups as much as 5 cluster initiatives. This region centers the biggest number of enterprises dealing with the production of textiles (21,0%) and clothing (23,5%)¹⁶.

The wood industry is strongly represented in the Warmińsko-Mazurskie Voivodeship which focuses 4 cluster initiatives, while other voivodeships only feature one. The initiatives from Warmia and Mazury relate primarily to the production of furniture and windows.

The automobile industry is characterized by a marked concentration on the territory of the Mazowsze region – it groups most cluster initiatives from this sector (4), there are 6 of those in the entire country. Attention should be drawn to the presence of initiatives specialized in the production of “green” automobiles.

¹⁶ Główny Urząd Statystyczny, 2007. [Central Statistical Office]

Podlachia Lingerie Cluster



The Podlachia Lingerie Cluster (Podlaski Klaster Bielizny) was created in 2008 at the initiative of key underwear producers from Podlasie region. Cluster members include mostly producers of female underwear with over 20 years of experience in the sector, having their own designers, specialized design studios as well as appropriately trained production employees. Member companies employ around 600 employees. Annual production of the cluster amounts to about 3 million pieces of lingerie 40% of which is exported. Products of member companies are manufactured from highest quality materials according to the prevailing trends. The production utilizes state of the art machines and technology.

The cluster has the goal of increasing competitiveness of the Podlasie region lingerie business both domestically as well as internationally. Members of the cluster jointly work on increasing the level of quality and originality of the manufactured underwear by joint research and technologies. They operate also for the benefit of creating the vision of Podlasie region as a strong world underwear industry center.

Cluster's offer

Manufacturers from the cluster offer a very rich and diversified underwear offer, both for women as well as for men. Apart from everyday use underwear the offer inclu-

des also luxury, wedding, erotic and modeling lingerie. Additionally, cluster companies deal with the production of hosiery in a rich variety of patterns and colors. In 2011 cluster members introduced onto the market the first common innovative collection of underwear. Silver Collection is a line of lingerie which, with a view to female health and comfort, uses modern technology called Trevira Bioactive®. The use of silver ions within the polymer fibers helped obtain an antibacterial effect, which in an active way protects the organism from bacteria and evokes the feeling of freshness. Material used in the production of



Exemplary models of Silver Collection

underwear is at the same time totally safe and does not cause allergies. Silver Collection is offered by the following producers: Ava, Axami, Gaia, Gorteks, Kinga, Kostar, Mat.

Members of the Podlachia Lingerie Cluster want to cooperate with foreign partners from the lingerie sector in the field of sales and distribution of products and lingerie articles. The clusters is also interested in the possibilities of obtaining new technologies, which can be used in the production of underwear.

Leading entities of the cluster

Name	Address	Activity
Ava Sp. z o.o.	ul. Harcerska 7 15-347 Białystok www.avalingerie.pl	production (lingerie)
Axami s.c. Anna Gołębiowska, Edyta Skutnicka	ul. Siedleckiego 13 15-125 Białystok www.axami.pl	production (lingerie)
Firma Usługowo-Handlowa Teresa Słonicz	ul. Wasilkowska 1 15-117 Białystok www.gracya.pl	production (lingerie)
Gaia Sp. z o.o.	ul. Waryńskiego 26 15-461 Białystok www.gaia.com.pl	production (lingerie)
Gorteks Sp. z o.o. Sp. k.	ul. Kolejowa 12C 15-701 Białystok ww.gorteks.com.pl	production (lingerie)
Kinga Sp. z o.o. i Wspólnicy Sp. k.	Al. 1000-lecia P.P. 6 C 15-111 Białystok www.kinga.com.pl	production (lingerie)
Mat Sp. z o.o. Sp. k.	ul. Bystrzycka 24 15-161 Białystok www.matlingerie.eu	production (lingerie)
Kostar Ewa Barszczewska	ul. Gen.Kleeberga 8 15-691 Białystok www.kostar.com.pl	production (lingerie)
Kontri Sp. o.o.	ul. Warszawska 59 15-062 Białystok www.kontri.pl	trade (internet lingerie store)

Contact details of the coordinating entity:

Coordinating entity	Stowarzyszenie Podlaski Klaster Bielizny [Podlachia Lingerie Cluster Association]
Contact	ul. Legionowa 30 lok. 108, 15-281 Białystok +48 85 742 02 47 biuro@spkb.pl
Internet website	www.spkb.pl (PL, EN)

NUTRIBIOMED Cluster



NUTRIBIOMED Cluster (NUTRIBIOMED Klaster) is a consortium with a scientific and industrial character, the aim of which is to reinforce the Polish position in such products as dietary supplements, nutraceuticals and biomedical products based on domestic natural resources and own know-how. Areas of interest and cluster activities include advanced technologies in food processing and biotechnology, cosmetics and pharmacy. At present the cluster includes six institutes of higher education, three business support institutions and over thirty enterprises from the food, biotechnological and biomedical sector. On the international scale NUTRIBIOMED cluster cooperates with partners from Italy, Hungary, Austria and the Czech Republic.

Cluster's offer

Cluster members include mostly companies with many years of experience in the area of advanced technologies in food processing and biotechnological processes, in the production of nutraceuticals and biomedical preparations. Apart from that, the cluster deals with improving the technology of preserving food, cosmetics and other preparations and preparing modern biopackaging systems. The offer of the cluster includes the prototype technological line constructed by the Wrocław Technological Park S.A. that encompasses dietary bio-supplement production and nutraceuticals. The cluster has also fully equipped specialist laboratory.

NUTRIBIOMED Cluster establishes a joint brand of products with unique pro-health properties including:

- pasta enriched with omega-3 and omega-6 fatty acids

- eggs with an increased content of omega-3 and omega-6 fatty acids
- lecithin obtained from hen eggs enriched with omega-3 and omega-6 fatty acids
- β -glucan (ultra clean) obtained from oats with many pro-health properties
- proteins and oat bran,
- ovocalcium plus – natural dietary supplement, constituting an easily digestible source of calcium helpful in preventing and warding off osteoporosis.

Members of the cluster have competencies and experience in creating and implementing pilot production in the food sector, as well as in creating complete concept of technology lines. Competencies of the cluster are created both by spin-offs dealing with single activities as well as big production companies.



The prototype line for the production of bio-supplements and nutraceuticals. General view



Fragment extraction plant for supercritical fluid

NUTRIBIOMED cluster is interested in cooperating with foreign partners from the biomedical sector in the scope of manufacturing of dietary supplements and nutraceuticals and preparations used in pharmaceuticals. The cluster looks also for the possibility of transferring knowledge regarding innovative technological solutions.

Leading entities of the cluster

Name	Address	Activity
Animak Kopcza S.C. J.E. Kopcza	ul. Jaworzyńska 303 59-220 Legnica	production (egg pasta and non-egg pasta)
Pharmaceutical Scientific and Production facility „Biochefer”	ul. Kasztanowa 3 41-205 Sosnowiec	production (dietary supplements and medical and veterinary preparations); research dealing with biotechnology and pharmacy
P.W. „Futurum” Sp. z o.o.	ul. Nałkowskiej 3 42-200 Częstochowa	preparation and implementation in the field of chemistry and biotechnology
Technox Sp. z o.o.	ul. Duńska 9 54-424 Wrocław	knowledge transfer from academia to economy, commercialization of scientific achievements from the food sector.
Uniwersytet Przyrodniczy we Wrocławiu	ul. C. K. Norwida 25/27 50-375 Wrocław	activities towards science and education. Rural, agricultural, and food economy development

Contact details of the coordinating entity:

Coordinating entity	Wrocławski Park Technologiczny S.A. [Wrocławski Technology Park S.A.]
Contact	ul. Duńska 9, 54-427 Wrocław +48 71 798 58 08 klaster@NUTRIBIOMED.pl
Internet website	www.NUTRIBIOMED.pl (PL, EN)

SIDE CLUSTER wood cluster



SIDE-CLUSTER wood cluster (Klaster drzewny SIDE CLUSTER) (S – success, I – innovation, D – wood, E – ecology, initial letters in the Polish language form the word SIDE) groups small micro and medium enterprises from the construction and wood sector as well as R&D institutions and centers supporting regional development located in Dolnośląskie and Opolskie Voivodeships. The cluster supports member companies in introducing innovative solutions into the production and popularization of technological achievements from the wood construction sector.

Cluster's offer

Companies from the cluster have many years of experience in the construction and wood sector in general. They offer products and services both on the national and foreign markets. They hire very well qualified team of specialists on all stages of construction (from land management to design work, production of materials and final finishing of real estate). The cluster offer includes products, services, training, aid in striking economic cooperation and in implementing R&D projects dealing with energy efficient wood construction.

The cluster conducts work related to the introduction onto the market of an energy-efficient mobile wooden house. The construction is performed entirely from wood (including foundations) in the conditions of a factory hall and is ready to be released upon completion. Energy efficient houses and public utility buildings constitute ecological alternative for traditional construction. The second joint product of the cluster members is the „Śląski wooden house” – product which is both environmentally friendly and ensures high living standard for residents.



Energy efficient mobile wooden house



Śląski wooden house – visualization

Both the mobile house as well as the „Śląski wooden house” are designed and constructed by domestic companies. They are fully adjusted to the climate conditions of the country, and Polish customer preferences. The constructions are produced from highest quality wood imported from Scandinavia or Siberia. Cluster companies offer both design and construction of the house and a comprehensive design of the interior.

SIDE CLUSTER would like to initiate cooperation with foreign partners in the scope of:

- exchange of experiences and know-how in ecological wooden construction, energy efficiency, ecological urban planning,
- exchange of good practices in effective management of cluster development,
- creating a European network of experts dealing with clustering.

Leading entities of the cluster

Name	Address	Activity
Zakład Usług Remontowo-Budowlanych inż. Kazimierz Wołyniec	ul. Szpitalna 5/4 59-400 Jawor	services (construction-renovation, design and cost estimates, function of construction director and replacement investor, preparation of tender specification)
SOWA – Domy z bali (Wooden pale houses)	ul. Wrocławska 20/3 55-040 Domasław	construction services (construction of wooden pale houses, restaurants, guest houses, resorts)
Przedsiębiorstwo Usług Budowlano-Inżynierskich ZEMAR	ul. Powstańców Śl. 54b/6 53-333 Wrocław	services (construction of sanitation and rain water drainage systems, road construction, water-melioration work and construction engineering work, park work and preservation of greenery)
Polski Związek Inżynierów i Techników Budownictwa	ul. J. Piłsudskiego 74 50-020 Wrocław	IT activity (including publishing), services (organization of training, shows, exhibitions, conferences, sector competitions, real estate appraisal)
Urząd Marszałkowski Województwa Dolnośląskiego	ul. Wybrzeże Słowackiego 12-14 50-411 Wrocław	self-government unit

Contact details of the coordinating entity:

Coordinating entity	Stowarzyszenie SIDE CLUSTER [SIDE CLUSTER Association]
Contact	ul. Św. Antoniego 23, 50-073 Wrocław +48 793 226 729 info@side-cluster.pl
Internet website	www.side-cluster.pl (PL, EN, DE)

Cluster of Construction Glass Processing Companies



Stowarzyszenie Przetwórców
Szkła Budowlanego



The Cluster of Construction Glass Processing Companies (Klaster Stowarzyszenie Przetwórców Szkła Budowlanego) deals with shaping and processing of flat glass (pre-stressed, ground and decorated). The main aim of cluster members is strengthening the cooperation between regional entrepreneurs from the sector, science institutions and business support institutions. The cluster operates towards increasing the level of quality and innovativeness of products of member companies by internal audits and specialist consulting regarding implementation of R&D projects.

Cluster's offer

the cluster offer includes:

- insulated glass;
- glass enriched by innovative functions including glass with alarm device;
- bulletproof glass in the BR 3 - BR 6;
- glass with the function of x-ray protection;
- anti-laser filter glass
- glass with LCD glass electronically guided, which changes translucency under the influence of electric field;
- glass with anti-radiation protection;
- laminated glass;
- pre-stressed glass;
- decorated glass with different techniques (production of stained glass, painting stained glass, sanding and painting, lacobel glass, glass imprint);

- machines for processing and storing glass;
- devices for application of sealants - proprietary solution, patent for mixture for sealant;
- training for the managing staff, individual coaching.

Cluster members offer products with a very high quality. One of the first initiatives was the preparation of a documentation of the System of Manufacturing Plan Production. The aim of its implementation was to ensure that every product had the features specified according to the established technical aspects. Observing the high quality of materials used for production, cluster members prepared a list of recommended producers and suppliers of different components. In the cluster companies, systematic audits are prepared, with the aim of controlling the quality of production and work environment.



Production of insulated glass



Line used to pre-stressing of construction glass

The Cluster of Construction Glass Processing Companies expects cooperation from foreign partners in distribution of products on international markets as well as exchange of knowledge and experiences from the glass processing sector.

Leading entities of the cluster

Name	Address	Activity
Glass Serwis Ewelina Wysocka	ul. Mickiewicza 7 83-240 Lubichowo www.glass-serwis.pl	production and trade (accessories and machines for application of sealants, insulated glass, glass processing)
COMFORT GLASS	ul. Władysława IV 137 75-347 Koszalin www.comfortglass.pl	production (multi functional glass and flexible glass)
INSOGLAS	ul. Kamienna 6 61-082 Wysogotowo www.insoglas.pl	production (multi functional glass and glass partitions), trade (glazing tools)
Spec- Glas	ul. Kmiecińska 10 70-909 Szczecin www.spec-glas.com	large and functional glazing
Q4Glass	ul. Bojowników o Wolność i Demokrację 10 75-209 Koszalin www.q4glass.pl	production (insulated glass and large glass, bulletproof glass for fire-retardant, windows with alarm system)

Contact details of the coordinating entity:

Coordinating entity	Stowarzyszenie Przetwórców Szkła Budowlanego [Architectural Glass Processors Association]
Contact	ul. Kamienna 6, 61-082 Wysogotowo +48 602 733 811 / +48 61 816 17 26 stowarzyszenie@polskieszyby.pl
Internet website	www.polskieszyby.pl (PL, EN)

Silesian Wood Cluster



Silesian Wood Cluster (Śląski Klaster Drzewny) was created in 2007 at the initiative of the Opole region entrepreneurs. Cluster members feature production and services companies, mainly manufacturers of wood joinery and suppliers of resources and production materials). Significant portion of cluster members is constituted by companies with a very long family traditions. The cluster supports member companies in modernizing and increasing the quality of products as well as in promoting the offer on the national and foreign markets.

Cluster's offer

The trade offer is a full range of products and services including:

- wooden windows including those with passive wood-work parameters and aluminum-wood windows, windows for historic buildings;
- winter gardens,
- external and internal doors including anti-burglary and fireproof doors, doors for historic buildings,
- doors and glazed doors made of embroidered glass,
- furniture of all kind including those used in bedrooms, kitchen, wardrobes, leisure furniture, living room furniture, bathroom furniture, upholstery furniture, children furniture, office furniture,
- equipment, arranging and build in elements within public utility facilities, such as hospitals, pharmacies, post offices, hotels, boutiques, shops,
- garden furniture and exclusive garden huts,
- energy efficient houses of wooden construction,
- construction and firewood,
- ThermoWood
- other wooden accessories,
- mirrors,
- floor, and floor boards,
- staircases,
- services: measurements performed at a given site, transport to the client, assembly, post-purchase servicing.

Cluster specializes in the production of high quality products and the so called PREMIUM and TOP PREMIUM product class.



Silesian Wood Cluster on the BUDMA2011 International Construction Fair in Poznań



Wooden packaging - product of Tartak i Zakład Stolarki Janina i Waclaw Witkowsy

The Silesian Wood Cluster would like to initiate joint research on the modern technology of wood processing, exchange experiences from the sector as well as operate towards obtaining new markets.

Leading entities of the cluster

Name	Address	Activity
Tartak i Zakład Stolarki Janina i Waclaw Witkowsy Sp. j.	ul. Rychłowice 21B 98-300 Wieluń	production, services, trade (sawmill industry)
Przedsiębiorstwo Taga Tadeusz Galiński	ul. Olbrachcice Wilekie 18 57-200 Ząbkowice Śląskie	production (passive houses)
Przedsiębiorstwo Produkcyjno-Handlowo-Usługowe ASA Tobiasz Stankiewicz	ul. Aleja Przyjaźni 22 45-573 Opole	production, services, trade (staircases)
OKNO DREW Krystian Sochor	ul. Powstańców Śl. 70 46-024 Brynica	production (wooden windows and wooden-aluminum windows)
FREY EXPORT-IMPORT Andrzej Frey	ul. Pasternik 4G 48-250 Głogówek	production (frames for upholstery furniture, upholstery furniture)

Contact details of the coordinating entity:

Coordinating entity	Izba Gospodarcza „Śląsk” [Śląsk Chamber of Commerce]
Contact	ul. Ozimska 184, 45-310 Opole +48 77 453 84 84 a.gawlista@igsilesia.pl
Internet website	www.igsilesia.pl

The Eastern Construction Cluster



Wschodni Klaster Budowlany
Wiarygodność Rzetelność Innowacyjność



Eastern Construction Cluster (Wschodni Klaster Budowlany) brings together industrial and services companies from the construction sector operating in the region of eastern Poland, mainly in the Podlaskie Voivodeship. The cluster operates towards strengthening the competitive position of the regional construction sector, mainly through supporting member companies in preparing innovative products and services as well as in implementing activities supporting promotional activities in the domestic and international market.

Cluster's offer

Eastern Construction Cluster offers a wide gamut of products and services including:

- aid in manufacturing construction components and performing construction services from designing to production;
- aid in initiating and developing cooperation between enterprises with the R&D environment on regional level, national level and supraregional level.
- creating the concept and coordination of implementing transfer projects of modern technology in construction;
- promotion of enterprises (advertisement in media and professional services regarding advertisement and marketing);
- implementation of quality management systems in enterprises.

Eastern Construction Cluster offers its foreign partners consulting in running business activity on the Polish market, including: analyses of value chain, measuring of the level of competitiveness, conducting business negotiations.



I Construction Clusters Forum – meeting of the cluster coordinator – Tomasz Kozłowski with the authorities of the region and institutes of higher education



Photos from the investment site implemented by the cluster member

The cluster is interested in exchanging knowledge and experiences in modern technological solutions used in the construction sector. Cluster members propose an organization of joint sector missions, study tours, conferences, seminars, training and workshops.

Leading entities of the cluster

Name	Address	Activity
Unibep S.A.	ul. 3 Maja 19 17-100 Bielsk Podlaski www.unibep.pl	development services (housing construction, residential estates, industrial construction)
P.W. RAWBUD Sp. z o.o.	ul. Warszawska 9 15-062 Białystok www.rawbud.bia.pl	construction services (complex construction works, renovation of buildings, also those subject to the supervision of a Conservation Officer; new buildings fitted in with existing structures, industrial construction and roads)
Coral W. Perkowski, J. Perkowski spółka jawna	ul. Błękitna 1 15-136 Białystok www.coral.com.pl	fitting services (electrical and teletechnical installations)
P.P.H.U. Unicell Poland Sp. z o.o.	ul. Suprańska 25 16-100 Wasilków www.unicell.pl	producer of decoration systems, decorative pastes and plasters, structural paint, varnishes with metallic and other special effects, decorative patterns, decorative stickers, etc., production of chemical construction products with clients' own labels (private label), distribution of construction and finishing materials
PPU Palisander Sp. z o.o.	ul. Elewatorska 13/19 15-620 Białystok www.palisander.com.pl	Comprehensive reinforced concrete works
BUDIMEX DANWOOD	ul. Brańska 132 17-100 Bielsk Podlaski www.danwood.pl	producer of finished single and multiple family houses with wooden frame structure, standard energy-saving houses (in KfW-60 and KfW-40 standard) as well as implementation of individual projects

Contact details of the coordinating entity:

Coordinating entity	Polskie Stowarzyszenie Doradcze i Konsultingowe [Polish Advisory and Consulting Association]
Contact	ul. Rynek Kościuszki 2, 15-091 Białystok tel. +48 85 667 12 39 / fax +48 85 652 61 07 tk@polskiestowarzyszenie.pl; biuro@biznesklaster.pl
Internet website	www.biznesklaster.pl

The Tarnow Industrial Cluster S.A.



The Tarnow Industrial Cluster (Tarnowski Klaster Przemysłowy S.A.) was founded in 1999 by thirty-seven shareholders. The Tarnów Municipal Council is the controlling shareholder. The main aim of the organization is to create conducive conditions for the enterprises from the chemical sector, construction and electrical sector to locate manufacturing undertakings in Tarnów. The main incentives for investors include attractive investment territory and local industrial parks as well as a system of tax reliefs.

Cluster's offer

The cluster deals with a comprehensive management of investment - it fulfills the role of the company of „first contact” and participates in subsequent stages of implementing the investment (including selection of the object fulfilling expectations of the investor and preparation of a „custom made” offer i.e obtaining all necessary permits and decisions, selection of employees).

The Tarnow Industrial Cluster offers the investors inter alia:

- beneficial location and closeness of other big agglomerations

- conducive climate and beneficial conditions to the development of enterprises,
- rich offer of investment terrain,
- well developed technical infrastructure,
- high quality labour resources - network of higher and medium level technical schools,
- professional and fast investor management,
- favorable attitude of local authorities and business support institutions to investors,
- special economic zone,
- tax relief in local taxes



Technological line used for the Becker paint production. Becker is the producer of paints and industrial coatings including specialist paint used to cover plastics



Unipress offset printing house

The cluster expects from foreign partners:

- participation in the creation and modernization of infrastructure in the territory of the entire zone,
- development and implementation of innovative technologies in enterprises,
- maintaining a stable position of products and services on the national market,
- creation of new jobs and stable employment based on permanent employment contract,
- cooperation with enterprises operating in the zone and its surrounding,
- cooperation with the Kraków institutes of higher learning in research and education projects.

Leading entities of the cluster

Name	Address	Activity
Becker Farby Przemysłowe Sp. z o.o.	ul. Wilhelma Beckera 7 33-110 Tarnów	paint production
Unipress Poligrafia Mariusz Dobrzański, Marcin Węgrzynek s.c.	ul. Wilhelma Beckera 3 33-110 Tarnów	production, graphic arts services
PPH „MOSKITO” Marek Jeleń	ul. Wilhelma Beckera 5 33-100 Tarnów	production of elements to mosquito nets
Zakład Elementów Konstrukcyjnych Sp. z o.o.	ul. Czysta 16A 33-100 Tarnów	production (steel elements, gratings)
ELMARK – TARNÓW	ul. Wilhelma Beckera 6 33-100 Tarnów	production (borders, tunnels, electrical system pipes and plastic accessories used to place wires in electric installations)

Contact details of the coordinating entity:

Coordinating entity	Tarnowski Klaster Przemysłowy S.A. [The Tarnow Industrial Cluster S.A.]
Contact	ul. Słowackiego 33-37, 33-100 Tarnów +48 14 627 75 93 / +48 14 627 75 93 sekretariat@tkp.com.pl
Internet website	www.tkp.com.pl (PL, EN, RUS, GER)

The Pomeranian Bio-Eco-Chemical Cluster



The Pomeranian Bio-Eco-Chemical Cluster (Pomorski Klaster BioEkoChemiczny) focuses the Pomoranian representatives of the following sectors: biotechnology, chemistry, pharmacy, cosmetics and environmental protection. The asset of the cluster is a very strong R&D back-office, the potential of which is created by three biggest Pomoranian institutes of higher education: The University of Gdańsk, Gdańsk University of Technology and Gdańsk Medical University. The presence in the cluster of strong R&D units makes it easier for the cluster companies to implement research projects. The cluster groups also two administrative institutions (Pomorska Special Economic Zone and Gdańsk Innovation Center), which manage two S&T parks in the Trójmiasto region.

Cluster's offer

The cluster specializes in the development of products and technologies in the following areas of activity:

- molecular diagnostics,
- genetics,
- medical biotechnology,
- cosmetology,
- pharmacology,
- industrial chemistry,

- industrial biotechnology,
- renewable energy,
- environmental protection.

To potential foreign partners the cluster offers:

- partnership in R&D projects (three biggest institutes of higher education in the voivodeship);
- business partnership (35 sector companies);
- laboratory space available on attractive conditions (two S&T parks).





Cluster involved in the internship fair organized by the project Innoabsolwent (www.innabsolwent.pl)

Pomorski BioEcoChemical cluster looks for foreign partners in order to strike cooperation within the international projects that subscribe unto the activity or operations of the cluster and business partnership. Conditions and characteristics of the business partnership. Condition and the nature of cooperation is prepared individually for every partner.

Leading entities of the cluster

Name	Address	Activity
Zakłady Farmaceutyczne POLPHAEMA S.A.	ul. Pelplińska 19 83-200 Starogard Gdański	production (generic drugs and pharmaceutical substances)
Grupa Lotos S.A.	ul. Elbląska 135 80-718 Gdańsk	oil company (extraction of oil and natural gas, refinery and trade)
Phage Consultants Marcin Łoś	ul. Tenisowa 10/5 80-180 Gdańsk	prevention and aid in fighting bacteriophage infections bacteria cultivation production of bacteriophages
Lipopharm.pl	ul. Kościelna 16A 83-210 Zblewo	production of medication
Blirt S.A.	ul. Trzy Lipy 3 / 1.38 80-172 Gdańsk	biotechnology (construction of expressive systems, isolation of new proteins and optimization of production processes and protein cleansing conditions)
A&A Biotechnology	Al. Zwycięstwa 96/98 81-451 Gdynia	production (medicine and tools for molecular biology research)
Uniwersytet Gdański	ul. Bażyńskiego 1a 80-952 Gdańsk	scientific research, consulting, expertise
Gdański Uniwersytet Medyczny	ul. M. Skłodowskiej-Curie 3a 80-210 Gdańsk	scientific research, consulting, expertise
Politechnika Gdańska	ul. Narutowicza 11-12 80-233 Gdańsk	scientific research, consulting, expertise

Contact details of the coordinating entity:

Coordinating entity	BioBaltica Sp. z o.o.
Contact	ul. Trzy Lipy 3, 80-172 Gdańsk + 48 58 739 71 77 / +48 58 739 71 17 biobaltica@biobaltica.pl
Internet website	www.bioecochem.pl

West Pomerania „Green Chemistry” Cluster



The West Pomerania Chemical Cluster „Green Chemistry” (Zachodniopomorski Klaster Chemiczny „Zielona Chemia”) is an association of persons and institutions with the aim of integrating the zachodniopomorskie entrepreneurs from the chemical sector and companies related to, or cooperating with the sector. The cluster companies are acknowledged businesses with a long trade and business tradition. Their products are sold on Western European markets, Asia or America. The company has own laboratories and cooperates with the R&D sphere.

Cluster members support the development of entrepreneurship and prevent unemployment in the region, increase innovativeness of companies as well as lead personnel consulting. They support also the development of cluster by promotional activities implemented in the region, in Europe and in the world.

Cluster’s offer

The cluster is an ambassador of activities aimed at the promotion of specialist research laboratories and scientific services, it offers joint products and develops their product line. The most important products promoted by the cluster include:

- Innovative waterborne acrylic paint for painting inside the rooms. It gives a coating with anti-allergic properties, resistant to washing, opaque, mat coating permeable to vapors and gases.
- Polish heart ventricle – works on a polymeric material allowing production of artificial human body parts including, tendon prosthesis, breast implants, or cardiac prosthesis
- Materials for hydrogen technologies, nano-fillers, polymer materials and technological use of the so-called polymer material waste.



- Crystalline fertilizers – modern smart fertilizers introduced by Fosfan S.A. Company from Szczecin are characterized by the property of slow dissolution of the nutrients in the soil.
- Innovative polyelectrolytes in dry form as well as emulsions and water aqueous solutions for dehydration and thickening of waste water sediments on various types of devices, presses, centrifuges, mechanical thickener etc – this is a product of the Kemipol company from Police.
- Titanium white – is the only titanium dioxide pigment (TiO₂) in Poland which is used for the production of paints and varnishes; their final products supply such sectors of economy as construction or automotive industry. Other important branches of industries for which this raw mate-

rial is essential, include, among others, plastics and paper sector. Titanium dioxide is also used in ceramics, textile, pharmaceutical and cosmetic industry.

The Cluster offers also the organization and execution of technology and advisory audits in the companies from chemical sector in the Zachodniopomorskie Voivodeship. Together with Center of Bioimmobilisation and Innovative Packaging Material of the Szczecin University of Technology the cluster created the "Platform of the manufacturers of innovative materials and packaging". The main task of the section is the integration of research and implementation works concerning on new materials and solutions in the packaging sector.

The West Pomerania Chemical Cluster „Green Chemistry” awaits cooperation from foreign partners in implementing different undertakings of cluster companies including research projects, study and bilateral tours, participation in promotion of cluster products on the international stage, activities in joint specialist platforms and participation in projects and activities organized by partners.

Leading entities of the cluster

Name	Address	Activity
Fosfan S.A.	ul. Nad Odrą 44/65 71-820 Szczecin Tel. +48 91 45 38 394 biuro@fosfan.pl	production (multi - component fertilizers; Fructus brand garden fertilizers); reloading services (own port, own railway siding and warehouse)
Zakłady Chemiczne Police S.A.	ul. Kuźnicka 1 72-010 Police Tel. +48 91 317-36-03 kontakt@zchpolice.com	production (chemical products: fertilizers and titanium white); port complex (sea and inland port)
Kemipol sp. z o.o.	ul. Kuźnicka 6 72-010 Police Tel. +48 91 317 32 20 info@kemipol.com.pl	introduction of modern methods of chemical precipitation into waste water treatment plants and water purification stations
Regionalne Centrum Innowacji i Transferu Technologii	ul. Janosika 8 71-424 Szczecin Tel. +48 91 449 43 54 innowacje@zut.edu.pl	business support institution
Centrum Bioimmobilizacji i Innowacyjnych Materiałów Opakowaniowych	ul. Klemensa Janickiego 35 71-270 Szczecin tel. +48 91 449 6140 cbimo@zut.edu.pl	research institute
Wydział Rozwoju Regionalnego Urzędu Marszałkowskiego Województwa Zachodniopomorskiego	ul. Piłsudskiego 40-42 Szczecin, 70-952 +48 91 44 67 132 sekretariat.wrr@wzpp.pl	self-government unit

Contact details of the coordinating entity:

Coordinating entity	Zachodniopomorski Klaster Chemiczny [The West Pomerania Chemical Cluster]
Contact	Al. Piastów 18, 70-310 Szczecin +48 91 852 36 31 zielona.chemia@vp.pl
Internet website	www.zielonachemia.eu (PL, EN)

EDUKLASTER



EduKlaster – New Media in Education is a network of cooperation grouping forty-six entities operating in the education sector, business support institutions and modern IT and communication technologies. Cluster members, research and academic institutes, media, sector specific organizations and NGOs located on the territory of the following voivodeships: Mazowieckie, Lubelskie, Łódzkie, Wielkopolskie, Śląskie and Warmińsko-Mazurskie. Cooperation in the cluster focuses on creating consortia for joint participation in tenders, preparation and distribution of joint products, implementation of conferences and seminars as well as promotional activities.

Cluster's offer

The cluster member's offer includes among other things:

- remote training contributing to increasing the efficiency and effectiveness of science by the use of the education model based on group work and promoting the inclusion of the Web 2.0 system (including blogs, Wiki) into the education process – WEBQUEST (books for trainers and coaches in the area of using WEBQUEST, preparing the WEBQUEST methodology and educational materials regarding WEBQUEST);
- teaching, exchange and management of knowledge in the company by using content material from a given subject condensed to the form of audio/video (preparation of the Handbook for Knowledge Mediators in 5 languages,



Cluster's office

ges, based in the Knowledge Pills Methodology, recording multimedia regarding KPM and their free of charge dissemination within the project);

- package of 10 complementary consulting services in the scope of human capital (HC) management, client capital (CC) and e-business capital (EC);



Meeting of cluster members

- services regarding finance consulting dealing with the construction of organizational-financial culture of the company, obtaining outside sources of financing, introducing mechanisms of conscious value creation into the company, preparing financial documentation.
- Eduklaster still monitors the needs of the clients, performs market and sector forecasts to properly modify the directions of development and improve the products according to worldwide trends.

Eduklaster – New Media in Education awaits from foreign partners (technology clusters, e-learning professional development centers, technological institutions, research organizations) cooperation in the implementation of projects supporting the development of IT society, decreasing the risk of IT exclusion as well as ensuring an equal access to knowledge with particular consideration to the needs of the elderly.

Leading entities of the cluster

Name	Address	Activity
Ecorys Polska Sp. z o.o.	ul. Łucka 2/4/6 Warszawa	research and socio-economic analyses, training, consulting, analyses and financial consulting, monitoring and evaluation
Gemius S.A.	ul. Wołoska 7 Warszawa	research (Internet, user-centric and site-centric)
GroMar Sp. z o.o.	ul. Brzezińska 125 Łódź	e-learning solutions supplier, e-learning for business and education
ROI Consulting Sp. z o.o.	ul. Długa 4 Warszawa	training services
Nowoczesna Firma S.A.	ul. Wiertnicza 141 Warszawa	promotion and sales of services dealing with management and running a business
Transmisje Online Sp. z o.o.	ul. Wawelska 78/22 Warszawa	audio-visual communication environment for enterprises available through an internet browser
Uniwersytet Marii Curie-Skłodowskiej	ul. Marii Curie-Skłodowskiej 5 Lublin	scientific and research activity within the ten departments, twenty five institutes and five units enjoying university rights.
Fundacja Obserwatorium Zarządzania	ul. Wiertnicza 141 Warszawa	research and development program devoted to the strategy of running a business, using modern forms of management, labor market, ICT technology
PSTD (ASTD)	ul. Sienna 82 Warszawa	professional association from education and development sector

Contact details of the coordinating entity:

Coordinating entity	Fundacja Obserwatorium Zarządzania [The Management Observatory Foundation]
Contact	ul. Wiertnicza 141, 02-952 Warszawa, +48 22 314 14 00, info@obserwatorium.pl
Internet website	www.eduklaster.pl

Baltic Eco-Energy Cluster



The members of the **Baltic Eco-Energy Cluster** (Bałtycki Klaster Ekoenergetyczny) include the representatives of the business sector, science, administration and NGOs interested in the development and implementation of environmentally friendly technologies. The members of the organization are located on the territory of the Pomorskie and Warmińsko-Mazurskie Voivodeship.

The main aim of the cluster is facilitating the operations of economic entities, municipalities and poviats, associations and offices and science centers in the scope of the use of renewable sources of energy. The Northern Poland Macro region has the biggest resource of the so-called „green energy” in the sector and also biggest possibilities of their technological application.

Cluster's offer

Baltic Eco-Energy Cluster deals with technologies of dispersed congregation i.e. simultaneous production of thermal and electric energy on small and average scale, based on renewable energy sources, especially biomass, biogas as well as energy, sun, water, hydrothermal energy and hydrogen technologies. KEE offers services related directly and indirectly to development of all kinds of Renewable Sources of Energy and of broadly understood energy effectiveness.



„GPEC Kartuska” implementation by the Zakład Innowacyjny Technik Energetycznych „Promat” Sp. z o.o.



The collection of surface sediments with the use of Box Cover device to geological research of Southern Baltic Sea

The cluster offers:

- production of energy resources (mostly biomass and biomethane)
- generation of energy from renewable energy sources (biomass, wind sun, water, geo- and hydrothermal energy)
- generation of solid, liquid fuels (e.g. biodiesel) and gas fuels (e.g. biomethane, hydrogen technologies)
- transmission of generated electric and thermal energy in renewable energy sources,
- the use of energy in buildings, installation and devices.

As part of the international cooperation the Baltic Eco-Energy Cluster expects the exchange of knowledge and experiences between the industrial and scientific centers located in different countries, as well as seeks the possibility of transfer of modern technologies.

Leading entities of the cluster

Name	Address	Activity
Grupa ENERGA S.A.	ul. Reja 29 80-870 Gdańsk www.energa.pl	energy supplies (sales and supply of electrical energy)
TEHACO Sp. z o.o. w Gdańsku	ul. Barniewicka 66a 80-299 Gdańsk www.tehaco.com.pl	production of industrial piping (installation of remote steering of valves with pneumatic drive, regulation of temperature in the land based facilities)
Towarzystwo Ziemskie Sp. z o.o.	ul. Orfeusza 2 80-299 Gdańsk www.towarzystwo.pl	construction services, construction development (apartment construction with energy efficient solutions)
Instytut Energetyki oddział w Gdańsku	ul. M. Reja 27 80-870 Gdańsk	scientific research, consulting, expertise (scientific research in electrotechnology and electronics, services of the research laboratory)
Instytut Maszyn Przepływowych im. Roberta Szwalskiego PAN	ul. Fiszera 14 80-952 Gdańsk	scientific research, consulting, expertise (research in: fluids and machine mechanics, multiphase flow, thermodynamics and heat exchange)
Politechnika Gdańska	ul. Narutowicza 11/12 80-952 Gdańsk	scientific research, consulting, expertise
Uniwersytet Warmińsko-Mazurski	ul. Oczapowskiego 2 10-719 Olsztyn	scientific research, consulting, expertise
Pomorska Specjalna Strefa Ekonomiczna	ul. Władysława IV nr 9 81-703 Sopot	economic zone
Kwidzyński Park Przemysłowo-Technologiczny Sp. z o.o.	Górki 3 82-500 Kwidzyn	services (IT and consulting in legal administration); consulting in obtaining resources from EU funds (consulting services for micro, small and medium enterprises, consulting in technology transfer)

Contact details of the coordinating entity:

Coordinating entity	Instytut Maszyn Przepływowych im. Roberta Szwalskiego Polskiej Akademii Nauk [Institute of Fluid-Flow Machinery – Polish Academy of Sciences]
Contact	ul. Fiszera 14, 80-952 Gdańsk +48 58 341 68 25 bkee@imp.gda.pl, mpatoleta@imp.gda.pl
Internet website	www.imp.gda.pl (PL, EN)

Lower Silesian Ecoenergy Cluster EEI – Energy, Ecology, Innovation



Lower Silesian Ecoenergy Cluster EEI (Dolnośląski Klaster Ekoenergetyczny EEI) – Energy, Ecology, Innovation groups Polish and foreign enterprises, research and development units, territorial self-government units and business support institutions supporting the development and use of renewable sources of energy in the region of Lower Silesia. The cluster members focus in particular on the biomass employing technologies such as biogas plants or local heat plants using biomass. The strategic aims of the cluster include the construction and development of the cooperation networks between science and economy as well as increase of the share of green energy in the energy balance of Lower Silesia.

Cluster's offer

The EEI cluster offers comprehensive services in the construction and exploitation of energy sources – in particular related to agricultural biogases and local heat plants and biomass-based cogeneration. The diverse, mutually supplementing team, created by cluster members ensures comprehensive servicing of the entire investment process, professionalism and reliability.

The Lower Silesian Ecoenergy Cluster EEI – Energy, Ecology, Innovation is in the process of preparing proprietary and unique small biogas plant utilizing organic waste. The purpose of such product is to utilize the waste bio-fraction devoted for use, first of all, in municipalities with a population not exceeding 30 thousand inhabitants.

The cluster member's offer includes:

- preparation of the comprehensive concept, planning design and supervision of the construction of biogas plant;

- launching the biogas plant (in engineering and technological sense);
- analysis of sediments and fermentation attempts;
- preparing energy balance;
- comprehensive economic consulting;
- support in obtaining EU subsidies and other sources of financing, preparing feasibility studies and other project documents.

The cluster offer includes also batch boilers designed to burning hay, wood, chips and other types of biomass. Clusters deliver also air straw crushers and osier cutters.

The cluster deals also with sanitation interior and exterior sanitation work including:

- central heating, gas installations and water supply and sewage systems;
- heat pumps, ventilation and air conditioning;
- cooling and compressed air installations;
- water, sewage and gas systems, central heating.



Agricultural biogas plant



Local biomass heat plant

The Ecoenergy cluster offers foreign partners participation in investment projects related to the use of technologies utilizing renewable sources of energy in particular agricultural biogas plants and heat plants employing biomass. The cluster also encourages all companies from the waste management sector, technology suppliers, design and contractor companies. The cluster is interested also in cooperation with promotion and education undertakings. It is open to long term cooperation, not only in investments but also in implementation of joint undertakings.

Leading entities of the cluster

Name	Address	Activity
SYGMA Sp. z o.o.	ul. Ruska 61 50-079 Wrocław www.sygma.pl	consulting services in construction and launching agricultural biogas plants and other renewable sources of energy, consulting (health care, environmental protection)
Metalerg Sp. J.	Ścinawa Polska 9 55-200 Oława www.metalerg.pl	production (ecology boilers), export
Eco-Termica Sp. z o.o.	ul. Ruska 61 50-079 Wrocław www.eco-termica.pl	implementation of internal and external sanitation works, performance of industrial heating installations
Zakład Biotransformacji, Uniwersytet Wrocławski	ul. S. Przybyszewskiego 63/77 51-148 Wrocław	research (creating new washing and disinfecting preparations for the industry based on substances produced by microorganisms)
Wrocławskie Centrum Badań EIT+ Sp. z o.o.	ul. Stabłowicka 147 54-066 Wrocław www.eitplus.pl	research and development

Contact details of the coordinating entity:

Coordinating entity	Fundacja CEDRES
Contact	Armii Krajowej 6/6, 50-541 Wrocław +48 71 780 51 61 cedres@cedres.pl
Internet website	www.cedres.pl (PL, EN, DE)

Cluster 'Bioenergy for the Region'



Bioenergy for the Region cluster (Klaster Bioenergia dla Regionu) is an open cooperative initiative focusing fifty-five entities, enterprises, research institutes, local self-government units, business support institutions operating in the area of renewable sources of energy. The cluster has its seat in Łódź – the capital of the Łódzkie Voivodeship

The Bioenergy for the region cluster operates towards a balanced bio-energy development on a regional level according to the integrated package of activities conducted by European Commission in the area of energy and climate change. The cluster complex consists of hundred experts in economy social and technical sciences including scientific employees acknowledged in the business and academia word.

Cluster's offer

Cluster's activity concentrates on applied environmental research both technical and economic. The results of the project are frequently tested in practice in enterprises and municipalities of central Poland. Especially significant interest on the part of the cluster members is evoked by technologies dealing with waste management and the use of agricultural biomass used to generate energy. One of the priorities of the cluster's research is the obtaining of biogas in micro-installations based in after-production



Study tour in Lipsk, June 13 2011.

On the photo: Laboratory belonging to the German Center of Biomass Research (DBFZ) where biogas production possibilities are studied



Study tour in Sweden April 2 2012. On the photo: ecological bus garage in Linköping

organic waste, filled with municipal and agricultural waste. The research work over the development of these ideas is implemented in cooperation with the German and Swedish Partners.

The cluster cooperates with national and foreign research and development units in joint research and training projects, study tours, publications and other issues.

The Bioenergy for the region cluster looks for foreign partners in order to strike cooperation within the international projects that subscribe unto the activity or operations of the cluster and business partnership. The cluster offers cooperation in projects related to renewable sources of energy, environmental protection, energy efficiency and balanced development.

Leading entities of the cluster

Name	Address	Activity
Trimen Chemicals Sp. z o.o.	Al. Piłsudskiego 141 92-318 Łódź www.trimen.pl	research and development (research in medical chemistry, synthetic and analytical services for biotechnology, biochemical, pharmaceutical and production companies in Poland and abroad)
Neostar Green Energy Sp. z o.o.	ul. Giewont 38A 92-116 Łódź www.neostar.com.pl	consulting (energy consulting with particular interest in renewable sources of energy)
Agencja Użytkowania i Poszanowania Energii	ul. Kwidzyńska 14 91-334 Łódź www.auipe.pl	research, consulting (work aimed at limiting the use and rationalization of energy consumption as well as pro-ecological work; design and manufacturing within energy, ecology, waste and water management, aid in obtaining bank loans and financial organization of undertakings, economic feasibility analyses of investment, ESCO type energy management)
Łódzki Regionalny Park Naukowo-Technologiczny Sp. z o.o.	ul. Dubois 114/116 93-465 Łódź www.technopark.lodz.pl	business support institution (technological park - office space for entrepreneurs operating in the modern technology sector; on the territory of the techno-park there is an implant workshop, bio-nanopark, technological incubator)
Łódzki Ośrodek Doradztwa Rolniczego w Bratoszewicach	ul. Nowości 32 95-011 Bratoszewice www.bip.lodr-bratoszewice.pl	business support institution (agricultural consulting)

Contact details of the coordinating entity:

Coordinating entity	Centrum Badań i Innowacji Pro-Akademia [Research and Innovation Centre Pro-Akademia (R&IC PA)]
Contact	ul. Piotrkowska 238, 90-360 Łódź +48 42 636 12 59 aleksandrow@proakademia.eu
Internet website	www.bioenergiadlaregionu.eu (PL, EN)

Lubelski Eco-Energy Cluster



**LUBELSKI KLASTER
EKOENERGETYCZNY**



Lubelski Eco-Energy Cluster (Lubelski Klaster Ekoenergetyczny) gathering thirty-nine entities (thirty-three enterprises) is located on the territory of the Lubelskie, Mazowieckie and Świętokrzyskie and Wielkopolskie Voivodeships. The initiator of its creation and coordination is the Foundation for Lubelskie Development. The cluster members deal with energy: solar, wind, water, geothermal energy and the production and use of biomass for energy purposes. Producers of machines and biomass, designers and biogas plant constructors as well as constructors of wind photovoltaic farms and small hydro energy plants, designers and constructors of power energy networks as well as entrepreneurs dealing with industrial waste management.

Jointly, the employment in the cluster entities amounts to 2911 persons, 233 of employees deal with research and development work. Within the last two years entities which are part of the cluster implemented 50 innovations covered by legal protection. Entrepreneurs from the cluster export their products to Russia, Holland, Czech Republic, Germany, Finland, Slovakia, Austria, Great Britain and Belarus and Ukraine.

Cluster's offer

The Lubelski Eco-Energy cluster offers services regarding comprehensive preparation of investment (design and launch) construction: biogas plant, photovoltaic farms, small hydro plants, wind farms, geothermal installations, installations using biomass to energy production. Cluster offers training in the issues regarding Renewable Sources of Energy, improvement of energy effectiveness and design and employment of Renewable Sources of Energy.



Atomic adsorption spectrometer



Small-scale hydro

To potential foreign partners the cluster offers the possibility to exchange experiences and knowledge regarding investment. Potential investors are also offered support in preparing the analysis of RSE's potential in the Lubelskie Voivodeship, initial investment concept, preparation of logistics of resources in the case of biogas, preparation of technical documentation of the investment, technology selection, energy production and supervision over investment implementation.



Biogas plant

The Cluster is interested in an exchange of knowledge and experiences as well as other forms of cooperation regarding:

- construction of local models of production and distribution of biomass;
- use of biomass for energy purposes, especially directed towards scattered heat generating installation and heat related to electrical energy;
- biomass gasification technology;
- development of local micro networks manufacturing biogas energy;
- preparation of prototypes and demonstration installations and practical implementation in the renewable energy sector;
- construction of the certification system of professional qualifications in the sector and models of ensuring energy safety on the municipality and powiat level based on local Renewable Sources of Energy.

The cluster is also interested in obtaining the knowledge regarding financing instruments that make it possible to obtain capital for investment implementation in the renewable energy sector.

Leading entities of the cluster

Name	Address	Activity
Elektromontaż-Lublin Sp. z o.o.	ul. Diamentowa 1 20-447 Lublin	production (transformer stations, MV and LV switch station, SN and MV cable connectors, power rails, other power energy devices, service (assembly and construction work, design, research, expertise, renovation)
Eco-Energia Sp. z o.o.	ul. Wojciechowska 7 20-704 Lublin	distribution (low voltage wind turbines and photovoltaic cells), measuring of windiness and solar intensity as well as their analysis, research and development work in the scope of obtaining electrical energy from sun and wind energy.
Instytut OZE Sp. z o.o.	ul. Staszica 1/115 25-008 Kielce	services (design and technical consulting in investment in renewable sources of energy)
SŁAWEX Zbigniew Sławiński	ul. Łaszczowiecka 14 22-600 Tomaszów Lubelski	production (wood boilers - KWK-D and pellet boilers - KPK-P, commission production of straw powered boilers, adjusted to burning hay bales that are 150 cm in diameter)
Lubelska Agencja Ochrony Środowiska S.A.	ul. Kuźnicza 15 21-045 Świdnik	industrial waste management, accredited laboratory, training consulting in environmental protection.
KOF Baryła	Prawiedniki Kolonia 24 20-515 Lublin	services (regarding the improvement of energy efficiency, supply, delivery and assembly of energy efficient sources of light, documented economic viability of the use of energy-efficient, high efficiency and modern source of light)
Politechnika Lubelska, Wydział Inżynierii Środowiska	ul. Nadbystrzycka 40B 20-618 Lublin	institute of higher education
Fundacja Rozwoju Lubelszczyzny	ul. Lubartowska 74A I piętro 20-094 Lublin	IT services, consulting and training for enterprises, local government unit, employees, unemployed and agricultural workers and household owners, preparation and implementation of financial aid obtaining projects
Stowarzyszenie Lubelski Klub Biznesu	Plac Litewski 2 20-080 Lublin	services (organization of training, courses, economic missions, conferences and seminars, consulting for entrepreneurs)

Contact details of the coordinating entity:

Coordinating entity	Fundacja Rozwoju Lubelszczyzny [Foundation for Lubelskie Development]
Contact	ul. Lubartowska 74 A, I piętro, 20-094 Lublin +48 81 710 19 20 m.galczyńska@fundacja.lublin.pl
Internet website	www.fundacja.lublin.pl / zakładka: Lubelski Klaster Ekoenergetyczny

Podkarpackie Renewable Energy Cluster



Podkarpackie Renewable Energy Cluster (Podkarpacki Klaster Energii Odnawialnej) groups representatives of the eco-energy sector located on the territory of the south eastern Poland. The cluster operates towards a balanced development of the Podkarpackie region by employing state of the art technology of energy security. The cluster is a member of the Strategic Technological Alliance of Podkarpackie Clusters and the Podkarpackie Technological Platform.

Cluster's offer

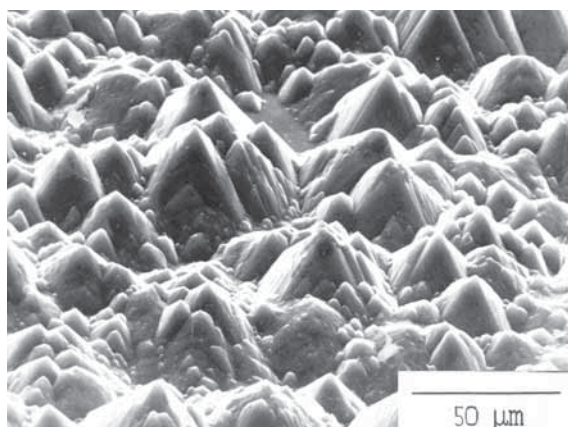
Cluster companies have knowledge and experience in designing, installation and use of heat pumps, photovoltaic power plants, wind and water turbines and biogas plants. They offer a rich assortment of products and services from components in the form of photovoltaic panels, solar collectors, solar lamps, little wind turbines and heat pumps, designing dedicated installations for single buildings and monitoring and automation for residential areas operating in the smart grid system.

The cluster has at its disposal a very modern laboratory base belonging to the Rzeszów University. It deals with the development of technology in:

- manufacturing of thin layer photovoltaic structure based on CdS/CdTe;
- manufacturing of active protective layers
- optimization of working conditions of solar panels - surface structure creation
- optimization of the wind turbine construction with a horizontal turning axis.



PLD Laboratory



Technology - anisotropic pickling of silicon surface



Solina

To potential foreign partners the cluster offers inter alia:

- aid in striking cooperation with businesses and universities in the Podkarpackie region;
- organizing cooperation in the development of new technologies and R&D;
- design, production and implementation of innovative products solutions and services;
- knowledge transfer support;
- staff training in the scope of new technologies;
- preparation of market, social and economic analyses;
- organization of joint investment projects;
- obtaining financial support from public programs;
- promotion of existing undertakings, products and services.

Cluster members want to develop international cooperation directed towards:

- exchange of knowledge and experiences;
- looking for access to the reliable /standard business cooperation solutions
- looking for new markets for cluster's and its members products
- looking for access to new technologies,
- organizing cooperation with R&D units
- organizing study tours, internships and specialist training
- looking for sources of financing of joint activity.

Leading entities of the cluster

Name	Address	Activity
Argus Sp. z o.o.	ul. Floriańska 121 38-200 Jasło www.argus.jaslo.pl	alarm systems, air conditioning and ventilation, collectors, photovoltaics, heat pumps, heating systems
CMOL-FRUT	36-105 Cmolas 360 a www.cmol-frut.pl	preparation of production of photovoltaic panels
Combit / PV-Tech	Rudna Wielka 108 A 36-054 Mrowla www.pv-tech.pl	design and construction of photovoltaic power plants, new PV technologies , automatic control, internet websites
Computers Net	ul. Dworcowa 4 lok. 24 39-300 Mielec www.cnet.mielec.pl	IT services, trade (computer equipment), industrial automatic control
Energo Expert	ul. T. Boya-Żeleńskiego 16 35-105 Rzeszów www.energoexpert.eu	consulting services (energy sector), auditing services (energy audits, energy certificates)
Nanotech.biz.pl	ul. Wyszyńskiego 6b/6 39-300 Mielec, www.nanotech.biz.pl	new technologies of thermal isolation, wind power plants - micro-installations, off grid photovoltaics, sun collectors
Sunprofit Sp. z o.o.	ul. Hanasiewicza 4/205 35-103 Rzeszów www.sunprofit.pl	sun collectors distribution, set of solar photovoltaic panels and small wind power plants
Uniwersytet Rzeszowski	ul. Rejtana 16 c 35-959 Rzeszów www.univ.rzeszow.pl	scientific and didactic activity, R&D work
Kancelaria Prawna KPMZ	Al. Armii Krajowej 7 35-307 Rzeszów www.kpmz.pl	legal services and consulting

Contact details of the coordinating entity:

Coordinating entity	Stowarzyszenie „Podkarpacka Ekoenergetyka” [Association „Podkarpacka Ekoenergetyka”]
Contact	ul. Pigoń 8, 35-959 Rzeszów +48 17 717 33 00 / +48 533 23 43 22 / +48 604 08 75 96 / +48 17 785 23 93 biuro@klasteroze.org
Internet website	www.klasteroze.org, www.rescluster.eu (PL, EN)

Polish Wood Cluster



The Polish Wood Cluster groups over sixty entities including enterprises from the SME sector, local self-government units, institutes of higher education, R&D institutes and business support institutes. The cluster groups both young and developing enterprises and companies with tradition and many years of experience. The cluster operates in the wood, energy and renewable sources of energy sectors. There are numerous cooperating members within the Polish Wood Cluster including producers, engineers, technology oriented businesses, constructors, assembly groups, advisors and architects.

The aim of the cluster's activity is to strengthen the competitiveness of associated enterprises by construction of the PWC headquarters, production halls and production lines in Żory and releasing them for use to cluster members under preferential conditions, creating a joint offer obtaining outside investors and constructing a strong and recognizable brand of the Polish Wood Cluster both domestically and abroad.

Cluster's offer

Entities within the cluster deal with the design and production of comprehensive technology lines devoted to use of biomass and agro-biomass for their use in the energy business. The companies in the cluster produce and offer, boilers, choppers, filtering stations, solar panels, low-temperature systems, driers, devices for wood processing, silos, feeders, recovery systems etc..

The offer directed to potential partners and investors include:

- comprehensive management of investment: production of the technological design, assembly, completing the delivery of devices along with assembly, comprehensive legal, financial and architecture aid;



Low temperature system biomass drying systems – PWC hall



Implementation of the investment of the cluster member – Chemoservis-Dwory S.A

- promotion of houses with wooden framework construction, floor boards, briquette, pellets and dry wood furniture fittings as well as furniture fittings processed with the termowood technology;
- consulting in the scope of preparing agro-biomass farming, waste management and provisions regarding environmental protection;
- R&D work related to the use of biomass for energy purposes.

Polish Wood Cluster wants to upgrade the distribution channel on the international market as well as create sales offices of the cluster abroad. The cluster also counts on the cooperation within the implementation of projects dealing with increasing the innovativeness and effectiveness of production.

Leading entities of the cluster

Name	Address	Activity
Agencja Rozwoju Przedsiębiorczości Sp. z o.o.	ul. Boczna 8 44-240 Żory www.arp.slask.pl	consulting, design, and production services (economic, financial and investment consulting, construction projects, production of technology line for drying biomass)
Chemoservis-Dwory S.A.	ul. Chemików 1 32-600 Oświęcim www.chemoservis.pl	production services (maintaining traffic on industrial installations , services machine and installation renovation, construction assembly services)
LOGIS Jacek Pajnowski	ul. Perseusza 30 01-934 Warszawa www.logis-jp.pl	design service (technology design, technologies related to filtering of dusty air, transport and gathering biomass)
Spec Bau Polska Sp. z o.o.	ul. Zaborska 1A 32-600 Oświęcim www.specbaupolska.pl	development construction services (industrial construction)
MIROTRANS Sp. z o.o.	Jaworzynka 727 43-476 Warszawa www.miro-trans.pl	services, transport, trade
Wachelka INERGIS S.A.	ul. Kisielewskiego 18/28B 42-215 Częstochowa www.intergis.pl	design service (construction, urban planning, technologies)
Politechnika Śląska	ul. Akademicka 2A 44-100 Gliwice www.polsl.pl	research institute
Grupa Doradcza Altima Sp. z o.o.	ul. Ligocka 103 40-568 Katowice www.biuroaltima.pl	business support institute (consulting, investment consulting)
Żorska Izba Gospodarcza	Al. Wojska Polskiego 4 44-240 Żory www.zorig.zory.pl	business support institute

Contact details of the coordinating entity:

Coordinating entity	Agencja Rozwoju Przedsiębiorczości Sp. z o.o. [Agency for the Development of Enterprises Ltd]
Contact	ul. Boczna 8, 44-240 Żory tel. + 48 32 724 25 75 / fax +48 32 724 92 76 biuro@arp.slask.pl, biuro@polish-wood-cluster.pl
Internet website	www.arp.slask.pl, www.polish-wood-cluster.pl (PL)

OPTOKLASTER – Mazovian Photonic Technology Cluster



OPTOKLASTER

Mazowiecki Klaster Innowacyjnych
Technologii Fotonicznych



The cluster was created in October 2008. It brings together optical, optoelectronic and research institutes located in the Mazowieckie region. Cluster members include more than twenty entities producing specialized and technologically advanced optical and optoelectronic elements and components, mostly exported to developed countries. Most of them possess their own research facilities.

Optoelectronic companies, which are part of the OPTOKLASTER, manufacture optical elements, semiconducting lasers, laser devices and optoelectronic components used in industry, environmental protection as well as medical sector. Research institutes that offer support deal with developing, manufacturing and studying new sources of radiation, especially lasers, detectors, new materials for the needs of optoelectronics and control and measuring devices. A specialized engineering and scientific staff offers a good expert background for the entrepreneurs in photonics including: optics, physics of solid materials, semi conducting technology, infrared technology, optical and laser meteorology of security systems and electronics.

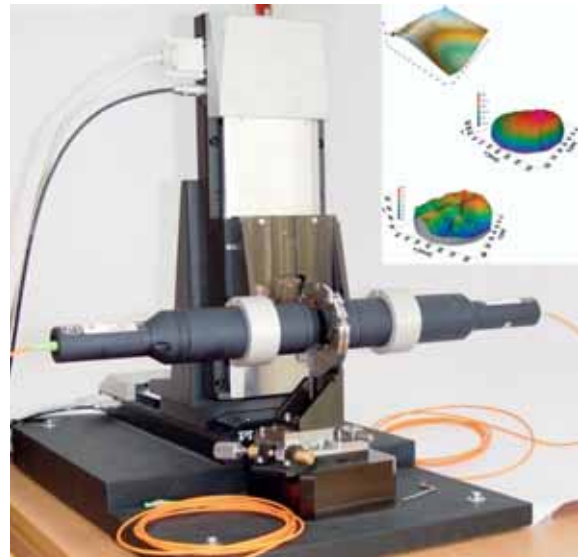
Cluster's offer

The offer of cluster members includes products, services, training and research services from the field of photonic technologies. OPTOKLASTER members deal also with the distribution of optoelectronic components and devices and conduct business activity not directly related to optoelectronics.

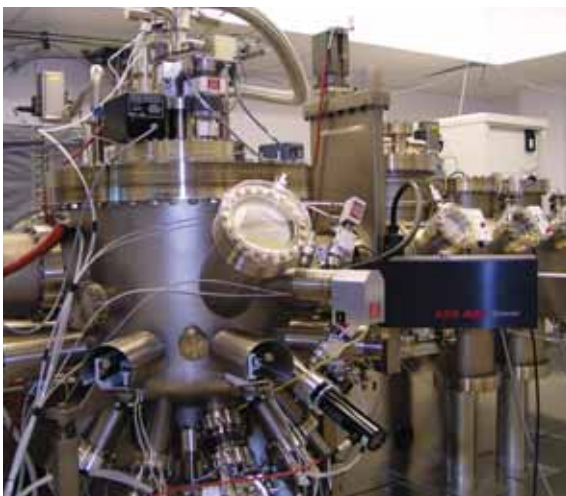
Offered products include:

Sources of radiation:

- semiconducting laser diodes and laser modules 400 – 420 nm,
- semiconducting laser diodes 730 – 820 nm,
- laser sources of radiation EUV,
- laser systems.



Optical profilometer and thickness gauge (INOS)



MBE reactor (Molecular Beam Epitaxy) in a laboratory (Top-GaN)

Radiation detectors:

- non-cooled infrared detector characterized by significant sensitivity and quickness, optimized for every wave length in the 2 - 16 μm ,
- photo detectors 280-365nm;

Materials, elements and optoelectronic components:

- epitaxial structures on Si, SiC, GaAs, InP and GaN surfaces,
- silicon mono crystals, crystals with the tendency to oxidize, ceramics and glass,
- optical rods, active optic fibers, two dimensional photonic microstructures, resonator, AFP sensors and actuators,
- Pockel's cells,
- polarizers, filters, lenses and prisms with antireflection layers,
- laser modules;

Optoelectronic equipment:

- thermographic cameras,
- laser devices used for marking, engraving and coding,
- OEM laser systems used for tables and robots,
- therapeutic and surgical laser systems and coagulators,
- laser positioning systems used for medical and industrial purposes,
- advanced photo-electrical devices with HgCdTe,
- fire directing systems, laser range finders, laser radiation warning systems, night vision goggles,
- specialist equipment for border patrols, customs service and special service,
- optoelectronic protection systems,
- safety systems,
- measuring equipment used for imaging devices inspection,
- Optoelectronic measuring equipment,

- specialist laser devices,
- unique optoelectronic systems,
- devices for obtaining high level of cleanness materials,
- protective eyeglasses.

What the cluster can offer to foreign partners is knowledge and experience in the field of advanced solutions for optics, optoelectronics, precise mechanical engineering, sources of radiation and radiation detectors, various measuring systems for medical, military and industrial use. Cluster members are willing to share knowledge about different measuring methods using optical phenomena (interference, diffraction, polarization, light diffusion, double refraction) and their implementation in new control and measuring systems. Cluster members have vast experience in conducting research directed at practical applications.

What Optoklaster expects from foreign partners is exchange of experiences related to clusters' functioning as well as cooperation with respect to realization of joint undertakings, especially R&D projects.

Leading entities of the cluster

Name	Address	Activity
Bumar Żołnierz S.A.	ul. J. Nowaka-Jeziorańskiego 28 03-982 Warszawa www.bumar-zolnierz.com.pl	production and sales of goods, conducting research and development and implementation activities, production and sales of optoelectronic devices, observation devices and pointers using laser technology, night vision and thermovision.
SOLARIS OPTICS S.A.	ul. Sobieskiego 49 05-410 Józefów www.solarisoptics.com.pl	production, design services (production of optical components and laser modulators)
VIGO SYSTEM S.A.	ul. Poznańska 129/133 05-850 Ożarów Mazowiecki www.vigo.com.pl	production and research activity regarding optoelectronics (production of semi-conductors, non-cooled infrared detectors and electronic devices using the infrared technology)
Instytut Optoelektroniki WAT	ul. Gen. Sylwestra Kaliskiego 2 00-908 Warszawa www.ioe.wat.edu.pl	research and development activity
Federacja Stowarzyszeń Naukowo-Technicznych Naczelna Organizacja Techniczna (FSNT-NOT)	ul. Czackiego 3/5 00-043 Warszawa www.not.org.pl/not/	promoting science, cooperation with research institutes
Instytut Materiałów Elektronicznych	ul. Wólczyńska 133 01-919 Warszawa www.itme.edu.pl	research, research and development services, materials and components for electronics and photonics

Contact details of the coordinating entity:

Cluster coordinator	Instytut Optyki Stosowanej [Institute of Applied Optics]
Contact	ul. Kamionkowska 18, 03-805 Warszawa +48 22 810 25 89 / +48 22 813 32 65 mdaszkievicz@inos.pl, optoklaster@optoklaster.pl
Internet website	www.optoklaster.pl

ICT Amber



ICT Amber Cluster was established in 2010 at the initiative of the Elbląg Municipal Office. Cluster members are preoccupied with developing new solutions in telecommunication, telephony and IT sectors. The cluster brings together several companies with many years of experience on the market as well as some young enterprises set up, in most cases, by graduates of the IT Institute at the State School of Higher Professional Education in Elbląg. The organization strives to tighten cooperation between different representatives of ICT sector and related sectors in the region as well as to build social awareness as regards possibilities resulting from the use of advanced IT technologies.

Cluster's offer

Cluster members develop their own software. Sector offer of the cluster includes service packages, also in the form of outsourcing, for business, administration, agriculture, marketing and advertising.

The cluster offers the following solutions:

- AgroAsystem – computer program supporting the management of an agricultural farm with respect to vegetable production;
- ESIP – Electronic Spatial Information System – solution concerning broadly defined geodetic and cartographic resource, which supports city management and decision making process.
- ADAT System – system of automatic data accumulation and transfer for registering events in real time using barcode;
- Safe ICT outsourcing – products and comprehensive services together with ensuring outsourcing services standardization, including access to Data Center, modern backup and data archiving, telecommunication services, access to ERP, EOD systems maintenance services and counseling;
- Elbląg Printing House – modern on-line printing house, innovative system of placing and tracking orders via the Internet;
- Sirkom – system of audiovisual advertising for means of transport, open places and space;
- Amber Printing Room – machine park for industrial scanning, printing, duplicating and shredding documents complemented with IT systems of transferring data from CAD, PDM, PLM linked with logistics and effective transport system in the country.

COMPREHENSIVE SOLUTIONS



What ICT Amber Cluster expects from its foreign partners is cooperation with respect to implementation of joint projects in ICT sector. The cluster offers foreign partners cooperation as regards projects fitting in with the cluster's activity and characteristics, including creation of innovative products and services in the field of ICT.

Leading entities of the cluster

Name	Address	Activity
Okręgowe Przedsiębiorstwo Geodezyjno-Kartograficzne OPEGIEKA Sp. z o.o.	Aleja Tysiąclecia 11 82-300 Elbląg www.opegieka.pl	IT services (geocartography)
InfoPower Sp. z o.o.	ul. Stoczniowa 2 82-300 Elbląg www.infopower.pl	IT services (technical service, training, accountancy)
Rewizja.Net	ul. Piechoty 12/8 82-300 Elbląg http://www.rewizja.net Marcin Kopczyński marcin@rewizja.net +48 505 975 501	production of software
Agencja Reklamowa CONTACT Jadwiga Kaczyńska	ul. Plk. Dąbka 138/1 82-300 Elbląg	advertising services
REPROSKAN Sp. z o.o.	ul. Stoczniowa 2 82-300 Elbląg http://reproskan.pl/	printing services (printing house, large scale printouts, xerography services, graphic arts and, stamps, car sticker advertisement, 3 D lettering, advertising gadgets, sales of lightboxes, boards and advertising stands, industrial document shredding)

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie ICT Amber Klaster Teleinformatyczny [Association ICT Amber Cluster]
Contact	ul Stoczniowa 2/ A10, 82-300 Elbląg +48 609 827 737 adam.augustynowicz@opegieka.pl
Internet website	www.ictamber.pl

Interizon – Pomeranian ICT Cluster



Interizon
Pomorski Klaster ICT



Interizon – Pomeranian ICT Cluster (Interizon – Pomorski Klaster ICT) was created in 2009. Cluster members include entities active in IT, electronics, telecommunication, automatic control and robotics.

The main aim of cluster's activity is to shape favorable conditions for the development of companies from ICT sector by providing knowledge, supporting innovativeness, stimulating cooperation between companies and institutions and realizing common objectives of cluster members.

The key component of cluster's activity is extensive, formal and informal networking process between representatives of different companies and between companies and business support institutions. Fulfillment of tasks is facilitated thanks to the operation groups. Each of them has a leader - a person with business background who is responsible for the course of works and their coordination within the group.

Activities pertaining to human resources on national level, such as participation of cluster representative in an expert panel of The Ministry Of National Education working on guidelines for the ICT education reform are conducted concurrently with regional activities, including for example: the creation of the Centre for Educational Excellence or organization of a number of co-financed trainings and internships developing company employees' competences. The cluster cooperates with regional and local administration with respect to important regional projects. Cluster members supported, among

others, Gdańsk efforts to receive the title of European capital of culture 2016 by working together on ideas for interactive technological solutions which may revolutionize perception of culture and attract wide audience.

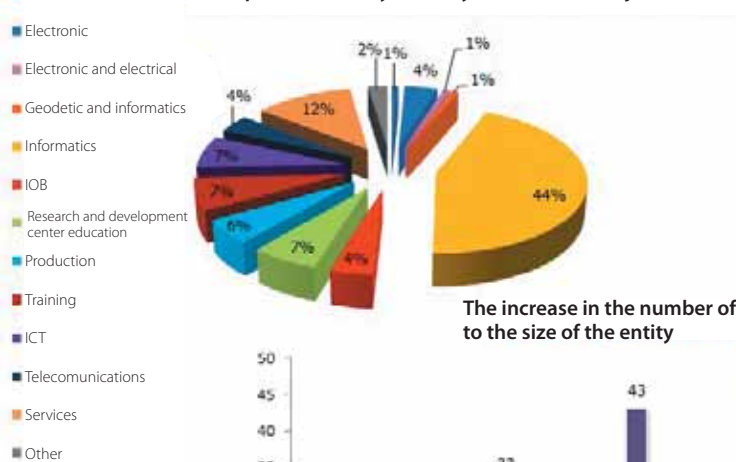
In 2011 the cluster in Poland were introduced to an unique international financial mechanism ARTEMIS within which the cluster companies initiated international cooperation dealing with ICT solutions making it possible to create solutions aiding intelligent monitoring and management of urban areas.

Cluster's offer

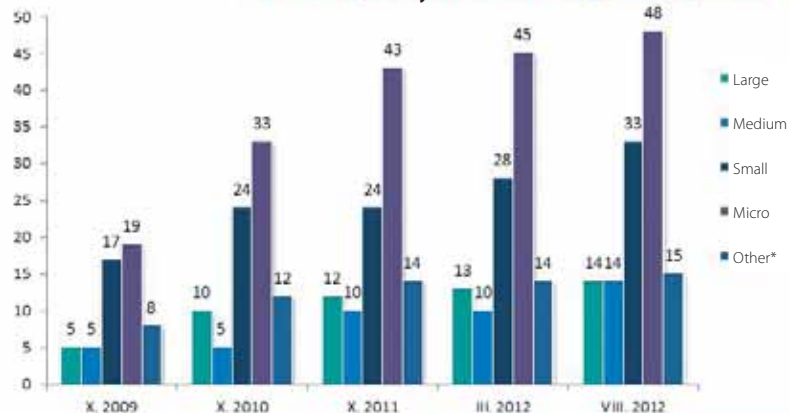
The offer of Interizon- Pomeranian ICT Cluster includes, among other things:

- production of electronic goods and components
- creating software and ICT products,

Participants cluster by industry (total of 124 subjects)



The increase in the number of participants in the cluster according to the size of the entity



* Research and development centers, education centers, business institutions (IOB)

- providing IT and telecommunication services serving ICT sector.

Joint R&D projects focusing on ICT technologies with the greatest industrial and commercialization potential con-

stitute an important element of cluster's activity. Entities belonging to Interizon cluster are present on the market both as subcontractors involved in Polish and international projects as well as suppliers of final solutions enjoying good reputation in Poland and beyond.

Interizon – Pomeranian ICT Cluster is open to technological and commercial cooperation in the field of advanced ICT solutions. Currently the cluster focuses on actions whose aim is to establish cooperation with representatives of key sectors, such as energy sector, administration, transport and logistics with regard to development and implementation of innovative solutions created by cluster members. Entities associated in the cluster are interested in creating common, innovative products and systems, importing and exporting advanced ICT solutions and exchange of experiences and views in the scope presented above.

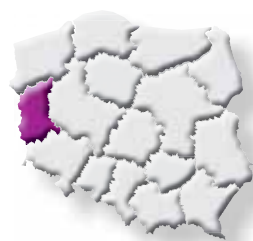
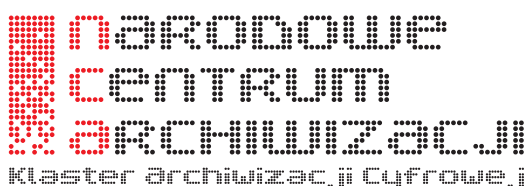
Leading entities of the cluster

Name	Address	Activity
Asseco Poland S.A.	ul. Olchowa 14 35-322 Rzeszów Polska http://www.asseco.pl	comprehensive, dedicated IT solutions for all sectors of economy
Flextronics International Polska sp. z o.o.	ul. Malinowska 28 83-100 Tczew Polska http://www.flextronics.com/global_locations/Poland	contract manufacturing, mechatronics and electronic systems
Radmor S.A.	ul. Hutnicza 3 81-212 Gdynia Polska http://www.radmor.pl	production of radio stations and radio transmitters
Sii sp. z o.o.	Al. Grunwaldzka 472 80-309 Gdańsk Polska http://www.pl.sii.eu	services related to IT and product engineering outsourcing
Sprint S.A.	ul. Budowlanych 64E 80-298 Gdańsk Polska http://www.sprint.pl/	integrator of ICT systems
Vector sp. z o.o.	ul. Krzemowa 6 81-577 Gdynia Polska http://www.vector.com.pl	integration and production of telecommunications solutions
Wirtualna Polska S.A.	ul. Traugutta 115C 80-226 Gdańsk Polska http://www.wp.pl	making thematic and information websites available alongside with e-mail, wp.tv, promotional products, creation of dedicated websites
Young Digital Planet S.A.	ul. Słowackiego 175 80-298 Gdańsk Polska http://www.ydp.com.pl	producer and publisher of educational computer programs

Contact details of the coordinating entity:

Cluster coordinator	Interizon – Pomorski Klaster ICT [Interizon – Pomeranian ICT Cluster]; Politechnika Gdańska, Wydział Elektroniki, Telekomunikacji i Informatyki [Gdańsk University of Technology, Faculty of Electronics, Telecommunications and Informatics]
Contact	ul. Narutowicza 11/12, 80-233 Gdańsk +48 58 347 12 81 biuro@interizon.pl
Internet website	www.interizon.pl

Cluster of Digital Archiving



Digital Archiving Cluster (Klaster Archiwizacji Cyfrowej) was launched in 2011 by an IT company called Synergio Polska. Cluster members develop a long-term data archiving service. The cluster has transregional nature – it brings together participants from four regions, that is from Lubuskie, Wielkopolskie, Dolnośląskie and Pomorskie Voivodeships.

Cluster's offer

Cluster's offer includes documents archiving services with respect to paper and electronic documents and archiving information. The unique character of the services consists in:

- technological readiness to meet the statutory requirement of digitization of documents and documents flow (obligatory for all offices in Poland by 2016);
- use of advanced data coding technologies (data at the client's disposal, data sent to and from Data Center, data processed in Data Center) - at every stage data are coded using asymmetrical cryptography;
- possibility to use digital signature;
- support from research institutes (Archiving Institute of Wrocław University and University of Zielona Góra);
- application of unique searching methods - unique combination of DMS (Document Management System) and CRM (Customer Relationship Management),
- service making redundancy n+3 possible (based on 4 Data Center objects).

Cluster's activity includes also a number of research projects, training and conferences. Most of the work is done as part of the Data Processing Center SINERSIO DataCenter located on the premises of Technology Park in Nowa Sól.

What the cluster can offer to potential, foreign partners are the following things:

- knowledge about the Polish IT and telecommunication market, especially with regard to archiving;
- Data Center infrastructure in accordance with TIER 3 (Poznań, Nowa Sól, Zielona Góra, Białystok);
- possibility to cooperate with research centers (University of Zielona Góra),
- recognizability on the regional, trans-regional and national level;
- experience in carrying out complex IT projects,
- location close to western border of Poland at the fork of telecommunication routes,



Visualisation of SINERSIO DataCenter facilities within the Technology Park in Nowa Sól

What Cluster of Digital Archiving expects from its foreign partners is cooperation with respect to implementation of joint projects in the field of:

- conducting research associated with advanced IT environments (Cloud Computing);
- commercialization of scientific studies results;
- assistance in developing business entities using innovative IT technologies;
- technology transfer;
- increasing qualifications of cluster members employees with respect to advanced technologies;
- offering new services and products;
- supporting export and import activities;
- creating common market through marketing activities, participation in economic missions and trade fair events.

Leading entities of the cluster

Name	Address	Activity
Narodowe Centrum Archiwizacji Sp. z o.o.	ul. Zakopiańska 197 60-647 Poznań	cluster coordinator, project leader
SINERSIO Polska Sp. z o.o.	ul. Bukowska 12 60-810 Poznań www.sinersio.com	data center management, strategic consulting, modern IT environments, IT audits, cloud computing, iaas, saas, security policy and backup
piLAB Spółka Akcyjna	ul. Duńska 54-427 Wrocław	solutions for management and integration of data bases, archiving and making online resources available, exploration and interference on the basis of collected data
AKSON ELEKTRO Sp. z o.o.	ul. Zacisze 3 65-773 Zielona Góra www.akson.com.pl	automation and control systems
Safe DC Sp. z o.o.	ul. Szymanowskiego 4 62-006 Gruszczyn www.safedc.pl	services (design, consulting, supervision and executive projects management services), provision of ready solutions increasing safety of IT systems (SafeBox), lending infrastructure elements in crisis situations
SOLLUS Jacek Lisewski	ul. Głogowska 16 60-121 Poznań	consulting, media, marketing, public relations
Uniwersytet Zielonogórski	ul. Licealna 6 65-417 Zielona Góra www.uz.zgora.pl	education, research and development
Regionalne Centrum Wiedzy i Technologii INTERIOR	ul. Piłsudskiego 12 67-100 Nowa Sól	technology park
Organizacja Pracodawców Ziemi Lubuskiej	ul. Bohaterów Westerplatte 23 65-078 Zielona Góra www.opzl.pl	business support institution

Contact details of the coordinating entity:

Cluster coordinator	Narodowe Centrum Archiwizacji Sp. z o.o. [National Archiving Centre Ltd]
Contact	ul. Zakopiańska 197, 60-647 Poznań +48 616 232 548 / +48 616 232 483 biuro@nca.org.pl
Internet website	http://nca.org.pl (PL, EN)

ICT West Pomerania Cluster



The ICT West Pomerania Cluster (Klaster ICT Pomorze Zachodnie) is an association of quickly growing IT companies from the Zachodniopomorskie Voivodeship. The cluster was created in 2007 in order to support the entrepreneurs operating in the IT services and solutions market. The Association brings together companies which provide various services associated with IT and telecommunications technologies, R&D institutes operating in order to develop these technologies and business support institutions providing assistance to the activities of the cluster.

Cluster's offer

Cluster members offer products and IT services, among others:

- OMNI SSL VPN/CA of the TEONITE company is the world's first system combining SSL VPN with the SSL CA certification centre (for x509 certificates);
- 4mPOWER - solutions based on this platform are comprehensive support and mobile employees' tasks management systems, belonging to SFA (sales force automation) solution class as well as FFA (field force automation);
- Innovative navigational decisions support system developed by a team of scientists from Maritime Academy in

Szczecin which suggests solutions that are possible and compliant with applicable regulations in specific collision situations at sea to the navigator.

- GlobalProduct.pl – Internet platform which serves the purpose of exchanging data between FMCG sector producers and distributors of those products;
- Mikro-Serwis – IT outsourcing service, providing numerous opportunities as regards building company's strategy encompassing both cost structure and business risk as well as possible benefits for the organization;
- Business Accounting Office - modern internet accounting model in the .net technology and an innovative service of evaluation of industrial property rights and copyrights



Visualization of Technopark Pomarania

requiring comprehensive economic, financial and legal knowledge. The innovation consists in rendering all the services and communication with the customer by means of electronic communication channels while ensuring the safety of data transfer, and also the wide range of automation of the accounting services.

In cooperation with Pomerania Technopark, the cluster can also offer support to start-ups from ICT sector. What it offers to young entrepreneurs is comprehensive, business support facilitating cooperation between companies and other IT communities.

What ICT West Pomerania Cluster expects from foreign partners is cooperation related to the creation of new ICT solutions as well as participation in promoting and distributing cluster products on foreign markets.

Leading entities of the cluster

Name	Address	Activity
X-comp Sp. z o.o.	ul. Tama Pomorzańska 26 70-952 Szczecin www.xcomp.pl	Outsourcing, IT security, training, implementation of virtualization systems
Tieto Poland Sp. z o.o.	ul. Malczewskiego 26 71-612 Szczecin www.tieto.pl	services (in the scope of building and developing advanced IT systems for telecommunication, financial services, energy sector or motorization)
IT Serwis Sp. z o.o.	ul. Mieszka I 62 Szczecin www.itserwis.net	IT consulting
ComAngle SylwesterKaczmarek	ul. Niemierzyńska 17a 71-441 Szczecin www.comangle.com.pl	production of games and multimedia applications in the most innovative technologies
Consileon Polska Sp. z o.o.	ul. Monte Cassino 37 70-464 Szczecin www.consileon.pl	IT consulting, near-shoring and outsourcing for German and Polish markets
Rafał Malujda -Kancelaria Radcy Prawnego	ul. Niemierzyńska 17a 71-441 Szczecin www.malujda.pl	legal counseling (Maritime Law, Intellectual and New Technologies Property Right)
TEONITE ROBERT OLEJNIK	ul. Niemierzyńska 17a 71-441 Szczecin www.teonite.com	consulting, software
Softline sp. z o.o.	Rynek Sienny 4b 70-542 Szczecin www.softline.com.pl	execution of IT projects with regard to applications on mobile devices, selling own IT solutions based on 4mPOWER platform
Szczeciński Park Naukowo-Technologiczny Sp. z o.o.	ul. Niemierzyńska 17A 71-441 Szczecin	science and technology park
Akademia Morska w Szczecinie	Wały Chrobrego 2 70-500 Szczecin http://www.am.szczecin.pl	institute of higher education

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Klaster ICT Pomorze Zachodnie [Association ICT West Pomerania Cluster]
Contact	ul. Niemierzyńska 17A, 71-441 Szczecin +48 78 33 62 138 / +48 91 85 22 920 dkowalczyk@spnt.pl, dkowalczyk@klaster.it
Internet website	www.klaster.it (PL, EN)

Knowledge and Innovation Community for Information and Communication Technologies Cluster



Wspólnota Wiedzy i Innowacji
w Zakresie Technik Informatycznych i Komunikacyjnych



The ICT Cluster named Knowledge and Innovation Community for Information and Communication Technologies Cluster (Klaster Wspólnota Wiedzy i Innowacji w Zakresie Technik Informatycznych i Komunikacyjnych) operates in Wrocław – the heart of Dolny Śląsk. It brings together sixty nine members. The objective of cluster members is to build a sustainable cooperation platform in the field of information and communication technologies between business entities, research institutes, local government bodies and supporting institutions aiding the technological development of Dolny Śląsk and the whole country. Meeting demand for highly qualified ICT specialists within the cluster is also a priority for joint actions of cluster members.

Cluster's offer

Specialization of the cluster includes, broadly speaking, IT and communication, electronics, automation and robotics, and moreover, issues related to supporting the creation of information society. Cluster members are involved in 16 projects (including R&D projects) related to ICT, e.g.:



- development of IT infrastructure and systems in Dolny Śląsk, preparation of methods of elimination of information exclusion areas;
- training on information and communication technologies in Dolny Śląsk (e-school), preparation of IT distance learning standards meeting the requirement of the industry;
- development of IT infrastructure and systems for health service in Dolny Śląsk;
- Programmable embedded systems in IT/ICT;
- wireless IT systems – wireless information and telecommunication infrastructure covering both big cities, towns and rural areas in Dolny Śląsk;
- materials and structures for photonics for application in IT;
- Dolny Śląsk grid structure – building grid infrastructure which would be fully compatible and interoperable with the national and European grid, building on such created infrastructure several domain grids;
- IT safety and IT systems in ensuring public safety;
- artificial intelligence in knowledge release - implementation of artificial intelligence technology in practice;
- development of information society and IT platform for Dolny Śląsk human capital quality assurance system;
- innovative technologies in economy and IT implementation in advanced production and management systems;
- ICT – information and communication technologies, including IT, telecomputing, photonics, automation, robotics and other.

What the cluster offers to potential foreign partners and expects in return is cooperation with regard to:

New technologies SaaS & Cloud Computing:

- development and implementation of SaaS type applications,
- implementation of applications using existing Cloud Computing type infrastructure.

IT safety (solutions related to IT safety)

- manipulated data identification technologies and reducing the risk of crimes,
- application of selective attention to detect anomalies in data,
- IT systems safety tests.

New media and Internet economy - Mobile Solutions and e-commerce:

- design, implementation and introduction on the market of mobile applications on different platforms (iOS, Android, Windows Mobile, BlackBerry),
- creation of systems supporting the functioning of mobile applications based on webservice architecture;
- creation and implementation of dedicated systems of e-Commerce type,
- using existing e-Commerce platforms for implementing sales systems.

Utility software:

- methods of processing digital images, especially optical character recognition OCR,
- methods for speech signals processing, such as automatic speech recognition and SDR (spoken document retrieval),
- NLP – natural language processing methods,
- methods using ANN – artificial neural networks,
- creating dedicated software in .NET, Java, PHP environments,
- designing and implementing database systems,
- software testing using functional and automatic tests,
- efficiency and safety tests.

Embedded systems:

- hardware implementation of neural models possessing the feature of selective attention,
- effective processing of information from diffused sensor networks,
- architecture of hardware realization of selective attention systems.

Leading entities of the cluster

Name	Address	Activity
Nokia Siemens Networks –Development Centre	ul. Strzegomska 2-4 53-611 Wrocław www.nokiasiemensnetworks.com	design and software development for systems and devices for mobile, broadband telecommunication, advanced, innovative IT and electronic solutions
NEUROSOFT Sp. z o.o.	ul. Robotnicza 72 53-110 Wrocław www.neurosoft.pl	creation of algorithms and software for artificial intelligence issues, analysis and speech synthesis, processing and images recognition, artificial neural networks
Transition Technologies S.A.	ul. Pawia 55 01-030 Warszawa Oddział Wrocław tt@tt.com.pl	production and sales of software for utilities sector, mobile technologies solutions, R&D activity, DCS systems applications, risk management
TIETO Poland Sp. z o.o.	Oddział Wrocław ul.Strzegomska140a 54-429 Wrocław www.tieto.pl	ITservices , R&D services, Cloud Computing, mobile solutions, industrial solutions
Centrum Wspierania Projektów Europejskich S.A.	ul. Rogowska 127 54-440 Wrocław www.cwpe.pl	comprehensive assistance for companies as regards obtaining external funds, also from EU funds, strategic consulting, organizing and conducting training sessions
Politechnika Wroclawska	Wybrzeże Wyspiańskiego 27 50-370 Wrocław www.pwr.wroc.pl	institute of higher education (vocational education, knowledge and technologies transfer, scientific studies, expert opinions)
Uniwersytet Ekonomiczny we Wrocławiu	ul. Komandorska 118/120 53-345 Wrocław www.ue.wroc.pl	institute of higher education (vocational education, knowledge and technologies transfer, scientific studies, expert opinions)
Samorząd Województwa Dolnośląskiego – Urząd Marszałkowski Województwa Dolnośląskiego	Wybrzeże Juliusza Słowackiego 12/14 50-411 Wrocław www.umwd.dolnyslask.pl	local self-government unit

Contact details of the coordinating entity:

Cluster coordinator	Politechnika Wroclawska [Wrocław University of Technology]
Contact	Wybrzeże Wyspiańskiego 27, 50-370 Wrocław +48 71 3202430, +48 71 3202641, +48 71 3203574 kontakt@ict-cluster.wroc.pl
Internet website	www.ict-cluster.wroc.pl (PL, EN)

Mazovia ICT Cluster



Mazowiecki Klaster **ICT**



The Mazovia ICT Cluster (Mazowiecki Klaster ICT) was created in 2007 at the initiative of Institute for Market, Consumption and Business Cycles Research. The cluster works for the benefit of cooperation development between companies from IT, telecommunications engineering as well as telecommunication and electronic media sectors and R&D institutes, institutes of higher education, business support institutions and local governments from Warsaw and areas outside the metropolis.

Cluster's offer

The Mazovia ICT Cluster is a cross-sector institution active in the following areas:

- Intelligent Decision Support Systems (IDSS) – supporting decision-making process; simulating results of the decisions;
- E-health, ICT technologies for health care – innovative technologies aiding diagnostics, prophylaxis, treatment as well as healthy lifestyle;
- ICT-related safety systems – reliability and safety in network (cyber-crime); detection, prevention and elimination of threats in network; mobile applications for business;
- E-education – aiding teaching with use of IT resources, social networking software in e-education; virtual laboratories; e-education in schools;
- Smart Grid – intelligent, multifunctional energy transfer network; making it possible to effectively exploit network resources and intelligently plan network development,
- Smart City – intelligent use of infrastructure and urban resources – among other things, power supply network, smart electricity meters, intelligent traffic management, intelligent household appliances, environmental management, etc.;
- GIS (Geographical Information System) – collecting and linking information with its spatial localization, visualization, processing information about localization of phenomena subject to change in time.

All elements mentioned are complementary. Building a fully functional solution from a specific area is only possible when solutions from other areas are used. This is well illustrated by Smart City area whose specific implementations are based on solutions from such areas as IDSS, GIS or Smart Grid.

What the cluster can offer to potential, foreign partners are the following things:



“Chmurostrada” – Conference of the Mazovia ICT Cluster under the patronage of Hanna Gronkiewicz-Waltz, the Mayor of the Capital City of Warsaw, Adam Struzik, Marshall of Mazowieckie Voivodeship and His Magnificence Włodzimierz Kurnik, rector of Warsaw University of Technology

- joint implementation of research and development projects;
- exchange of information and opinions about the development of ICT sector in Mazowsze region, Poland and worldwide;
- sharing of best practices;
- development of projects' concepts and search for sources of financing.

What the cluster expects from foreign partners:

- participation in research works when developing best practices adaptation methods,
- exchange of experiences,
- associating exporters' companies with importers,
- launching Polish companies on foreign markets.

Leading entities of the cluster

Name	Address	Activity
Instytut Badań Rynku Konsumpcji i Koniunktur	Aleje Jerozolimskie 87 02-001 Warszawa	research and development activity as well as consulting with respect to investigating processes and market phenomena and projection of changes in management
Instytut Badań Systemowych Polskiej Akademii Nauk	ul. Newelska 6 01-447 Warszawa	research in the field of system analysis, fuzzy logic, system modeling, computer decision aiding systems
Politechnika Warszawska	Plac Politechniki 1 00-661 Warszawa	institute of higher education
Centrum Transferu Technologii i Rozwoju Przedsiębiorczości	ul. Koszykowa 80 02-008 Warszawa	stimulating and initiating cooperation between the Warsaw University of Technology and business entities alongside with popularization of the achievements of science
Eversoft Sp. Z o.o.	ul. Altowa 28 02-386 Warszawa	advanced IT projects, production of dedicated software adjusted to the specificity of the sector
Torn sp. z o.o.	ul. Joteyki 20 02-317 Warszawa	strategic consulting with respect to defining and implementing companies' security policy as regards planning and control management- aiding systems, supporting ICT systems, technical means for protecting property, information flow control, cryptography and security of data transfer
Cron	ul. Chłodna 48 lok. 1, 00-872 Warszawa	services related to production, analysis, audits, organization and integration of IT systems for companies and public institutions

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Rozwoju Społeczno-Gospodarczego WIEDZA [Association of Economic and Social Development "Wiedza"]
Contact	ul. Śniadeckich 1/15 m 44, 00-654 Warszawa +48 22 621 33 43 / +48 512 196 387 biuro@klasterict.pl
Internet website	www.klasterict.pl (PL, EN)

Wielkopolska ICT Cluster



Wielkopolska ICT Cluster (Wielkopolski Klaster Teleinformatyczny) was created in 2008 at the initiative of the city of Poznań, Poznań Supercomputing and Networking Center, Poznań University of Technology and IT companies from the city. The cluster is a triple helix body which executes national and international consortium projects. Cluster headquarters as well as 80 cluster members are based in Poznań.

In cluster's activity huge emphasis is placed on technology transfer and using high-quality scientific knowledge in economic practice. Cluster companies cooperate with the realm of science as regards highly-specialized training, selling services licensed by the research institutes, internships and audits. 2012 saw the launch of the first commercial projects stimulated by the research and implemented in science-business consortia, such as for example cloud computing project co-financed from the National Center for Research and Development – INNOTECH.

Cluster's offer

Cluster members as well as the cluster as such conduct numerous international projects under EU framework programs (over 100 projects), also in the role of coordinators. It is worth to mention the „ICT Wielkopolska” project, which made it possible to diagnose the field of expertise and potential of ICT entities in Wielkopolska.

Cluster's specialization is linked to the concept of Future Internet and ubiquitous computing. Huge infrastructure facilities (more than 6000 km of own optical network up to 100GB/s) make it possible to take up the most difficult challenges in the field of monitoring and environmental protection, energy efficiency, fiber optic networks and grids, mobile solutions, e-administration, education, medicine or banking.



CeBIT 2010



Prof. Jan Węglarz, President of the cluster during conference Business stimulated Science

Since 2009 the cluster has been present at CeBIT fair in Hannover and it also has build relationships by participating in trade events in the USA, China and European countries. Polish ICT clusters benchmarking conducted by the Polish Agency for Enterprise Development* in 2010 revealed that Wielkopolska ICT Cluster is „the leading IT cluster in Poland”. Benchmarking NGPexcellence carried out in 2011 by VDI/VDE indicated that Wielkopolska ICT Cluster can boast the highest in Europe involvement of research institutes. European Cluster Excellence Initiative awarded the cluster bronze label for excellence in management.

Cluster's activity is addressed to:

- R&D institutes - technological ICT partnership, assistance with regard to commercialization of scientific studies, providing help in writing and coordinating big EU projects, among other things, under Framework Programs and Horizon 2020,
- ICT companies - facilitating the selection of technological partners, contact with key players in the sector, assi-

* http://www.pi.gov.pl/Klustry/chapter_95064.asp

stance with respect to organizing events, marketing and promotion, representation on national and European level,

- administration bodies - technical verification of principles laid down in infrastructural and programming ICT projects, preparing feasibility studies, consulting with respect to technology selection and specialized ICT knowledge,

What the cluster can offer to potential, foreign partners are the following things:

- joint ICT-related projects
- quality of management awarded with European Cluster Excellence Label,
- regular quality of life and trends analyses in the region,
- partnership of Polish ICT users (private and public)
- involvement of creative community ZOO Coworking Space,
- partnership of ICT clusters' leader in Poland.



CeBIT 2010

What Wielkopolska ICT Cluster expects from its foreign partners is cooperation with respect to implementation of joint projects in ICT sector. The cluster is seeking partners in order to take up common challenges with respect to monitoring and environmental protection, energy efficiency, fiber optic networks and grids, mobile solutions, e-administration, education, medicine or banking.

Leading entities of the cluster

Name	Address	Activity
Alma SA	ul. Hodowlana 5 61-680 Poznań	ICT infrastructure, optical networks, solutions for buildings
Talex SA	ul. Karpia 27d 61-619 Poznań	data center, outsourcing, cloud computing
Poznańskie Centrum Superkomputerowo-Sieciowe (PAN)	Noskowskiego 12/14 61-704 Poznań	applied research related to Future Internet, Internet of Things, ubiquitous computing, realization and coo coordination of EU projects
Miasto Poznań	Pl. Kolegiacki 17 61-841 Poznań	local self-government unit

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Wielkopolski Klaster Teleinformatyczny [Association Wielkopolska ICT Cluster]
Contact	ul. Zwierzyniecka 20, 60-814 Poznań +48 61-858-21-06 info@wklastr.pl
Internet website	www.wklastr.pl (PL, EN)

ICT Eastern Cluster



**WSCHODNI
KLASTER ICT**



ICT Eastern Cluster (Wschodni Klaster ICT) was created in 2007 at the initiative of entrepreneurs from ICT sector. Cluster members are entities with many years of experience, possessing thorough knowledge from the field of modern technologies and IT trends. The cluster is a substantial supplier of products and services from ICT/BPO sector for the biggest clients in eastern Poland (Lubelskie, Podlaskie and Podkarpackie regions).

The majority of over 60 entities belonging to the cluster are based in Lublin.

The cluster as well as entities comprising it are active in supporting and developing international cooperation and contacts with countries from eastern Europe. With well-established position and relations with Polish self-government authorities, business support institutions and companies the cluster can play the role of an ambassador of Polish economy in the East. During execution of joint projects it offers its experience and knowledge to local self-government units as well as government administration authorities from Ukraine, Russia and Georgia.

Cluster's offer

Cluster members offer a wide range of services related to informatization and telecommunication, in particular in such areas as: energy sector and renewable energy sources, education and higher education, administration and self-government, communication and media, multimedia and tourism, logistics and transport, agriculture, health care, clusters and IOB.

Selected products and technologies:

- Smart Grid – combines IT and energy-related competencies, taking active part in designing concepts of intelligent network systems;
- 3D technologies – offers visions, technologies, subject matter consultants and content;
- Lubelskie IT upland – cluster, as a key partner of the Lubelskie region self-government in the project „Lubelskie IT



ICT Eastern Cluster as a sponsor of an ELVIC one-person car driven by electric power, made by students from Electromechanical Engineering and Computer Science Faculty as well as the Faculty of Mechanical Engineering of the Lublin University of Technology.



3D technologies

- upland” creates conditions for investment for ICT companies with full support from the local self-government and business support institutions;
- eGovernment – offers IT systems addressed at public administration and government administration which facilitate a progressive management of organization's effectiveness, time management and monitoring of public services.

The cluster is a pioneer in developing 3D technologies, among other things, it organized the first and only one in Poland 3D technology trade fair – 3D POLAND 2012.

Years of experience in the sector as well as extensive technical facilities at its disposal give the cluster a guarantee of effectiveness and reliability of services it provides.

Offered technologies:

- mobile technology
- network technology
- e-democracy
- 3D
- Smart Grid

What the cluster can offer to foreign partners are the following things:

- assistance in establishing a network of contacts in eastern Poland and eastern Europe (Ukraine, Russia, Georgia),
- joint implementation of commercial and R&D projects
- associating partners for the purpose of execution of international projects,

- assistance in building teams for the purpose of execution of projects in Poland and abroad,
- comprehensive support for investors from ICT sector who want to establish business activity in the Lubelskie region.

What the cluster expects from foreign partners:

- support with regard to building a network of contacts,
- joint implementation of commercial and R&D projects
- support with regard to associating partners for projects execution,
- getting assistance in building teams for the purpose of execution of projects in Poland and abroad,
- getting assistance for investors from Poland and eastern Europe who are interested in initiating activity abroad in the field of ICT,
- marketing support and animation of economic cooperation.

Leading entities of the cluster

Name	Address	Activity
Państwowa Wyższa Szkoła Zawodowa im. Szymona Szymonowica w Zamościu	ul. Akademicka 8 22-400 Zamość www.pwszamosc.pl	public institute of higher education (education on BA and engineering degree levels)
Wschodnia Agencja Rozwoju Sp. z o.o.	ul. Koncertowa 19/35 20-866 Lublin www.warwschod.pl	activity, among others, of informational, educational and training nature as well as consulting which aims at initiating, supporting and promoting sustainable development of the region, in particular with respect to economic growth and social development.
Ideopolis Sp. z o.o.	ul. Nałęczowska 30/402 20-701 Lublin www.ideopolis.eu	ICT/RES consulting, platform of cooperation and experience sharing with local self-government units, research institutes, associations and foundations as well as companies - from the smallest ones employing several people to huge corporations
Mikrobit Sp. z o.o.	MIKROBIT Sp. z o.o. 20-601 Lublin ul. Zana 39 www.mikrobit.pl	Comprehensive IT solutions (low and high-voltage installations in buildings, purchase of computer equipment, implementation of ERP-class programs, programming and Internet customized orders, design of websites, continuous support and IT assistance, Internet and outsourcing IT, as well as transfer of client's server infrastructure to the virtual environment of mCloud)
Select Sp. z o.o.	Panieńszczyzna 44 21-002 Jastków http://slct.pl	production of specialist software and information processing.
nPlay Sp. z o.o.	20-701 Lublin ul. Nałęczowska 51A www.nplay.pl www.nplay.pl	telecommunication operator
ICom Sp. z o.o.	20-704 Lublin ul. Wojciechowska 21b www.icom.eu	producer and distributor of ICom computers
eLeader Sp. z o.o.	20-601 Lublin ul. Zana 32a www.eleader.pl	supplier of business software for smartphones
Akademickie Inkubatory Przedsiębiorczości	ul. Sowińskiego 12/15 20-040 Lublin www.inkubator.biz.pl	business support institution

Contact details of the coordinating entity:

Cluster coordinator	Wschodnia Agencja Rozwoju Sp. z o.o. [Eastern Development Agency Ltd]
Contact	ul. Koncertowa 19/35 20-866 Lublin +48 509 488 420 e-mail: biuro@warwschod.pl
Internet website	www.ecict.pl

Alternative IT Cluster



Alternative ICT Cluster (Alternatywny Klaster Teleinformatyczny) was created in 2007 by five founding members – companies operating on the IT market or providing services to companies from that sector. The cluster brings together small and medium ICT enterprises active in Mazowieckie, Lubelskie, Podkarpackie, Małopolskie and Łódzkie Voivodeships. The main mission of the cluster consist in boosting the competitiveness of Polish enterprises on international markets.

The main aim of the Alternative ICT Cluster is to develop and improve exchange of knowledge between innovative SMEs with emphasis on sharing innovative ideas and technologies.

Cluster's offer

One of the main products offered by the cluster is optimization of business processes in terms of implementation of ERP class systems - especially in logistics, transport and warehousing and other areas of companies' operation.

The second most significant product offered by the Alternative ICT Cluster is an advanced, fully modifiable CRM system. The innovativeness of the solution consists in deep modifications to CRM models functioning today with respect to integrated process management in organizations as well as changes in traditional perception of marketing and marketing actions towards advanced post-sale techniques aided by IT solutions. The solution at offer is developed from the IT and legal side as a solution which is made available remotely in line with „software as a solution” model for particular end users or individual users with full service and hosting support.



Design of the Common Services Center Building in Pruszków

The constant element of cluster's activity from the moment of its establishment has been multidimensional assistance yielded to entrepreneurs with respect to the selection, opti-



Architectural design and visualizations HEJNA Architekci www.hejna.pl

mization and implementation of IT systems. Services include both the field of system architecture, creation of functional lists, selection of technology, software, infrastructure as well as legal and subsidy-related assistance with respect to investing in IT. Companies belonging to the cluster are entities active on the market which constantly provide similar services and develop new technologies, implement highly innovative ways of rendering services which has a direct impact on boosting competitiveness on the Polish and foreign markets and makes it possible to participate on equal terms in tenders which so far were accessible only to huge IT companies.

The Alternative ICT Cluster relies in its operation on cooperation between associated members, who have implemented jointly numerous projects since the cluster's creation. The cluster and its members offer foreign partners the possibility of cooperation as regards projects conducted in Poland, joint implementations in Polish enterprises and the possibility to carry our R&D work in a newly built Outsourcing and Common Services Center of the Alternative ICT Cluster.

What Alternative ICT Cluster expects from foreign partners is cooperation with respect to developing and improving the exchange of knowledge between innovative SMEs with emphasis on sharing innovative ideas and technologies. The cluster places emphasis on cooperation, knowledge diffusion and building international relations based on trust. Its aim is to obtain interesting partners on international arena with whom cluster members could execute joint ICT projects.

Leading entities of the cluster

Name	Address	Activity
Sekwencja Sp. z o.o.	ul. Reymonta 38 05-820 Warszawa www.sekwencja.org	obtaining EU funds, market research, development of company strategy on selected foreign markets, associating business partners, planning investment on foreign markets, optimization of business processes, consulting with respect to selecting company management aiding systems, implementation of ERP systems, IT technologies audit
Wyższa Szkoła Ubezpieczeń w Krakowie	ul. Karmelicka 32 31-128 Kraków www.wsu.pl	R&D and consulting services, involvement in the shaping of the Polish finance and insurance market, initiation, promotion and execution of tasks aiding the development of this market, launching of new business entities and new products from finance and insurance sector, training activity, implementation of consumer-oriented projects
Prokliencki Sp. z o.o.	ul. Małachowskiego 78a 90-159 Łódź www.prokliencki.eu	advisory services, consulting, support and development of small and medium companies, IT services, marketing and market engagement programs for clients operating on the individual client markets, services pertaining to IT related market research, hosting and latest applications implementation services, making databases available
Netrix Group Sp. z o.o.	Al. Wincentego Witosa 3 20-315 Lublin www.netrix.com.pl	services related to computerization of enterprises, beginning from organizing IT equipment, delivery of hardware, through network installation and software implementation, maintenance and service of software, equipment and computer networks, network administration, technical consulting

Contact details of the coordinating entity:

Cluster coordinator	Sekwencja Sp. z o.o.
Contact	Al. Jerozolimskie 51/9, 00-697 Warszawa +48 22 887 20 90 jbosakirska@klaster.info
Internet website	www.klaster.info

Eastern Poland IT Companies Cluster

KLASTERit.pl



The Eastern IT Cluster (Klaster Firm Informatycznych Polski Wschodniej) is a group of dynamically developing companies from the ICT sector based in Podkarpackie, Świętokrzyskie, Lubelskie, Podlaskie and Warmińsko-Mazurskie voivodeships. The cluster supports the implementation of joint investment undertakings, business cooperation, exchange of experiences and conducting IT and promotion campaigns. Owing to the dynamic development of the cluster and its member companies the client receives even more extensive and more competitive offer tailored to his/her individual needs.

Cluster's offer

The ever increasing cluster's offer is made up of three groups:

- IT systems,
- computer equipment and network infrastructure,
- marketing, advertisement, PR.

IT Systems

- ERP systems,
- CRM systems,
- electronic system of documents circulation,
- Business Intelligence class tools,
- software for manufacturing and commercial companies (also multi-branch companies),
- software for hospitals,
- software for hotels, restaurants, SPAs, fitness clubs,
- software for housing cooperatives, municipal services companies, budget entities, heating companies,
- programs for registering working time,
- programs for production planning and scheduling,
- intelligent configurators for Internet sales of wood joinery products,



Conference „Clusters as a way to developed innovative enterprises in Poland”, March 14, 2011



Cluster inauguration, conference, December 17, 2010

- Internet printing house system,
- stock management programs,
- accounting, payroll, storage and HR programs
- programs for processing and analyzing data,
- programs for natural language processing,
- OLAP (On Line Analytical Processing) class systems for analyses and reports,
- programs for obtaining data from Internet,
- testing of mobile software applications and websites,

Computer equipment, devices, network infrastructure

- computer equipment,
- telecommunication devices,
- monitoring systems,
- teletechnical installations,
- integration of audio-video systems,
- access control and working time registration,
- sound warning systems,
- projection screens and monitors,
- large-format screens and interactive boards,
- structural cabling,
- multimedia projectors and document cameras,

- wireless networks,
- transceiver units,
- streaming and e-learning platforms,
- fire signaling and gas detection,
- burglary and assault signalization,
- visual supervision system,
- safety systems (CCTV, RCP, KD),
- integrated control and supervision systems [BMS],
- Digital Signage systems - management of multimedia, screens and information kiosks,
- conference and simultaneous interpretation systems,
- telecommunication systems (mainly Slican, Siemens, Datera, Cisco, Yealink),
- video conferencing systems (mainly Polycom, Cisco-Tandberg, LifeSize),
- industrial television,
- fiscal devices.

- information portals,
- Internet websites,
- content management systems (CMS),
- marketing in search engines (SEM),
- search engine optimization (SEO),
- Internet, mobile and other applications,
- social media,
- Internet shops,
- intranet,
- public relations,
- media relations,
- crisis management,
- internal communication,
- Internet PR,
- visual identification,
- studying and measuring effects,
- organization of events,
- software and websites localization services,
- printing,
- gadgets,
- exhibitor stands.

Marketing, advertisement, PR

- creation of marketing strategies,
- traditional and Internet marketing,

What Eastern Poland IT Companies Cluster expects from foreign partners is exchange of knowledge and experiences which will facilitate the expansion of offer of companies associated in the cluster. Entities associated in the cluster are interested in creating common, innovative products and systems as well as importing and exporting advanced IT solutions.

Leading entities of the cluster

Name	Address	Activity
BMM Sp. z o.o.	ul. Przemysłowa 4A 35-105 Rzeszów www.bmm.com.pl	IT services (provider of IT systems)
ETOB-RES Sp. z o.o.	ul. Szarych Szeregów 5 35-114 Rzeszów www.etobres.pl	IT services (provider of IT systems)
VIRTUAL S.C.	ul. A. Kamińskiego 8/4 35-211 Rzeszów www.virtualsc.com.pl	IT services (provider of IT systems)
TOP S.A.	ul. Ślusarczyka 4 35-510 Rzeszów www.topsa.com.pl	IT services (provider of IT systems)
IDEO Sp. z o.o.	ul. Nad Przyrwą 13 35-324 Rzeszów www.ideo.pl	marketing services (e-marketing, e-business, web pages, e-marketing campaigns, loyalty and partnership programs, SEO, web usability, information websites, web 2.0, CMS Edito, word of mouth marketing)

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Informatyka Podkarpacka [IT Association in Podkarpacie]
Contact	35-326 Rzeszów ul. Rejtana 1/8 +48 17 857 37 70 / +48 17 8563 998 a.kusior@informatykapodkarpacka.pl
Internet website	www.klasterit.pl

SynergIT Cluster



SynergIT Cluster (Klaster Informatyczny SynergIT) (former ITelligence Technology) is a cooperation platform for representatives of IT sector based in Wielkopolskie Voivodeship which was established in 2010. The cluster brings together around 50 companies as well as research institutes and business support institutions. Cluster members do not only aim at creating cooperative network between Wielkopolska IT players but also at supporting innovativeness in the region.

Cluster's offer

Cluster members work on innovative projects in five working groups:

- integrated system of town information
- e-commerce,
- vending machines,
- educational platform
- and e-health.

Cluster projects met with interest from national and foreign partners, including clusters from Berlin and Brandenburg. In

September 2012 the cluster organized International IT Clusters Forum, it is also a co-organizer of IT Day as part of the World Innovation Days in Poznań. In 2012 the cluster was selected by the Polish Agency for Enterprise Development and Ministry of the Economy to represent Polish economy at meetings with Finnish clusters.

The cluster constantly cooperates with scientific and business partners, Poznań University of Technology, University of Economics as well as such companies as Komputronik, Inea and Wielkopolska Sieć Szerokopasmowa.



Cluster networking meeting



SynergIT IT Cluster is looking for foreign partners in order to transfer knowledge and technologies. Exchange of experiences will make it possible to expand the scope of implemented innovations. What the cluster can offer to foreign partners are proven IT solutions, experience in executing international projects and trade meetings.

Leading entities of the cluster

Name	Address	Activity
Fundacja Edukacji, Innowacji i Wdrażania nowoczesnych Technologii	ul. Wyspiańskiego 26a/16 60-750 Poznań www.siecinnowacji.org	popularization of scientific studies and research and implementation works (i.e. through cluster coordination and leading Eureka HUB as well as direct cooperation with institutes of higher education in Poznań)
Eureka Technology Park		
Uniwersytet Ekonomiczny w Poznaniu	al. Niepodległości 10 61-875 Poznań www.ue.poznan.pl	scientific studies, consulting, expert opinions
Uniwersytet Przyrodniczy w Poznaniu	ul. Wojska Polskiego 28 60-637 Poznań www.puls.edu.pl	scientific studies, consulting, expert opinions
Politechnika Poznańska Wydział Informatyki i Zarządzania	ul. Strzelecka 11 60-965 Poznań www.put.poznan.pl	scientific studies, consulting, expert opinions.
Starostwo Powiatowe w Lesznie	ul. Matejki 50 60-770 Poznań www.poznan.pl	local self-government unit

Contact details of the coordinating entity:

Cluster coordinator	Fundacja Edukacji, Innowacji i Wdrażania Nowoczesnych Technologii [Foundation of Innovation Education and Implementation of Modern Technologies]
Contact	ul. Wyspiańskiego 26a/16, 60-750 Poznań +48 512 013 392 biuro@klaster-synergit.pl
Website	http://klaster.siecinnowacji.org (PL, EN)

Opolski IT Cluster OP-Info



The Opolski IT Cluster OP-Info (Opolski Klaster Informatyczny OP-Info) is a business oriented platform of cooperation bringing together entities from the IT sector in Opole region. Not only does the cluster provide a platform for companies from the IT sector, it also includes a research institute and a business support institution.

Cluster's offer

The cluster offers comprehensive services regarding:

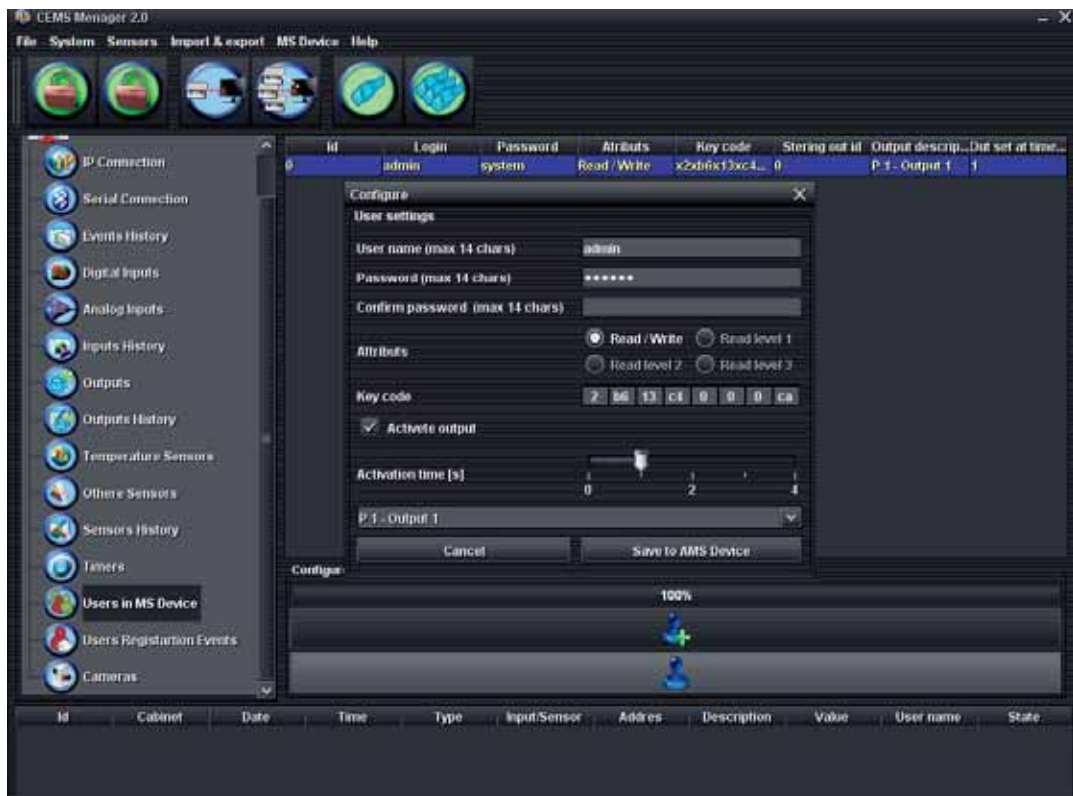
- delivering computer equipment and software,
- creating mobile technology equipment,
- designing and implementing dedicated computer and IT systems,
- producing complex systems of industrial automation,
- producing telecommunications engineering installations in buildings,
- marketing and Internet technologies,
- conducting development work and industrial research,
- hosting

Main specialization of the cluster is a piece of software in Java language based on Cloud Computing.

Remaining specializations and main areas of cluster's sector specialization include:

- telecommunication and telecommunications engineering for industrial and road construction engineering,
- specialized software for public administration,
- design, implementation and managing network and database systems,
- software related to environmental protection.

OP-INFO Cluster focuses on developing competencies in the field of web technologies, mobile devices as well as e-health and e-office. In the near future a manufacturing centre is planned to be created in order to support the implementation of projects carried out by both cluster companies and external partners.



BMS System managed from web browser level made in Java technology (BlueSoft, IT Target)

Historia umowy o pracę, aneksy

Wybrana osoba
nr ewidencyjny: 1 nazwisko, imiona: Jan Janek Janek

Umowa
symbol, nazwa umowy: CN czas nieokreślony
okres ważności umowy od: 1.8.2007 do: 11.2.2012
zakończenie umowy: 11.2.2012 WZ

Warunki zatrudnienia Wynagrodzenie

Data zmiany	Typ zmiany	Zakład	Komórka	Nazwa komórki	Stanowisko	Nazwa stanowiska	Etat	Kalendarz
11.2.2012	zakończenie							
14.4.2011	zawieszona							
1.9.2008	aneks	01	DH	Dział handlowy	DH02	Sprzedawca	001/002	Podstawowy
1.1.2008	aneks	01	DH	Dział handlowy	DH02	Sprzedawca	001/004	Podstawowy
1.8.2007	nowa umow	01	DAK	Dział administracji ka	DA01	Specjalista d/s organza	001/001	Podstawowy

Warunki zatrudnienia Wynagrodzenie

Kod	Nazwa składnika	Kategoria	Wartość	Waluta	Data ważności
1.1.2007					
S100	Płaca zasadnicza miesięczna		1000.00	PLN	
1.1.2008					
S101	Stawka zaszeregowania za godzinę		20.00	PLN	
1.9.2008					
S101	Stawka zaszeregowania za godzinę		30.00	PLN	
S200	Dodatek funkcyjny		6.00	PLN	

System płacy: system miesięczny Miejsce wypłaty: Sedeza firmy:

Szczegóły Drukuj Zmień

INFRA system of ERP class and for microenterprises: www.MojaDobraFirma.pl system and the Staff -Salaries module, which might be an element of the Integrated INFRA System, which can operate as a single standing module as well as it can constitute an addition to other systems. (Infra Sp. z o.o. IT services company)

OP-INFO cluster is looking for strategic partners: clusters and innovative companies. What it expects from foreign partners is the possibility to execute R&D and commercial projects.

Leading entities of the cluster

Name	Address	Activity
„Atabajt” Roik, Słowik, Mazurkiewicz spółka jawna	ul. Augustyna Końskiego 50 45-372 Opole	introducing IT systems in companies, designing and implementing network and database systems, delivering computer and network equipment
Hsi Sp. z o.o.	ul. Katowicka 50 45-061 Opole	introducing IT solutions in companies, integration of IT systems, ERP solutions, solutions of DOC FLOW class - documents circulation systems
Tensoft Sp. z o.o.	ul. Katowicka 50 45-061 Opole	introducing IT solutions to local self-government bodies, creation of specialized software
ZAP SOFT Aneta Zmarzły	ul. Lipowa 7 46-060 Folwark biuro@zapsoft.pl	integrating industrial automation systems for water and sewage facilities and in renewable energy sources sector, solutions for telemetry and monitoring via Internet
netkoncept.com spółka jawna	ul. Partyzancka 5a 45-801 Opole	creation of web pages based on content management system (CMS), public information publishing system (BIP), interactive maps and multimedia presentations, Internet shops, dedicated web sites and applications

Contact details of the coordinating entity:

Cluster coordinator	OP-Info Opolskie Stowarzyszenie Gospodarczo-Społeczne [OP-Info Opolskie Socio-Economic Association]
Contact	ul. Ozimska 182, 45-310 Opole +48 77 44 18 103 / +48 77 44 18 106 klaster@opininfo.eu
Website	www.opininfo.eu

Kielce Trade Fairs Cluster



**Grono Targowe
Kielce**



Kielce Trade Fairs cluster (Grono Targowe Kielce) was established in 2008 at the initiative of companies operating in the broadly understood trade fair and conference sector. The cluster is active in the Świętokrzyskie Voivodeship and brings together seventy-eight enterprises which offer services during exhibition events held in Kielce Trade Fairs – the third largest trade fair centre in Central and Eastern Europe (after Poznań and Brno). The cluster cooperates with research institutes, institutes of higher education, public institutions and business support institutions.

Cluster's offer

It is the only trade fair cluster in Poland and Europe. Its members offer a wide range of services:

- consulting services
- exhibition services,
- training,
- promotional services,
- hotel services,
- gastronomic services,
- transport,
- publishing,

which constitute essential basis for servicing trade fair events and conferences as well as other events from MICE sector (meetings, incentives, conferences, and exhibitions). Convention Bureau Kielce (CBK) – www.convention24.pl – which is led by the cluster is the first congress bureau



View over Kielce Trade Fairs

in Poland. CBK was created at the initiative of local business and it operates in the Świętokrzyskie Voivodeship. According to the list drawn up for CBK, in the region there



Examples of trade fair events held in Kielce Trade Fairs in 2011

are nearly 200 places where business meetings could be held.

The cluster guarantees professional services for exhibitors and guests of the Kielce Trade Fairs and other entities from MICE sector in the Świętokrzyskie region. As an organization cooperating with companies, business support institutions, institutes of higher education and self-government authorities the cluster may play the role of the „first contact” with reference to establishing business relations and providing advisory assistance to partners from abroad.

20 years of Kielce Trade Fairs activity, one of the leading cluster members, resulted in forging partnerships with numerous companies and institutions operating in Kielce and in Świętokrzyskie region. Good and customized exhibitors service strategy is what earned Kielce Trade Fairs high positions in rankings of companies from this sector. Kielce Trade Fair development strategy anticipates strengthening of company's position as the top exhibition center in southern Poland and strong trade fair center in Central and Eastern Europe.

Kielce Trade Fairs Cluster invites to cooperation foreign partners who are interested in using the services provided by cluster members (including Kielce Trade Fairs) and possibilities to establish business cooperation or participate in consortia executing international projects.

Leading entities of the cluster

Name	Address	Activity
Targi Kielce S.A.	ul. Zakładowa 1 25-672 Kielce www.targikielce.pl	organization of trade fair events and conferences
EPRD Biuro Polityki Gospodarczej i Rozwoju Regionalnego Sp. z o.o.	ul. Szkolna 36A 25-604 Kielce www.eprd.pl	consulting with respect to regional entrepreneurship development and economic policy, agriculture, education and environmental protection
MEDIATEKA – Agencja Reklamowa	ul. Przemysłowa 33 25-660 Kielce www.mediateka.com.pl	printing, advertising
CENTRUM BIZNESU Hotel Kongresowy	Al. Solidarności 34 25-323 Kielce www.hotelkongresowy.pl	hotel services, organization of conferences, restaurant, spa
Przedsiębiorstwo „ŁYSOGÓRY” Sp. z o.o.	ul. Sienkiewicza 78 25-501 Kielce www.lysogory.com.pl	lodgings, congresses, conferences, special events
HOTEL „Tęczowy Młyn”	ul. Zakładowa 4 25-670 Kielce www.teczowy.com	hotel, restaurants, conference halls
Świętokrzyskie Centrum Innowacji i Transferu Technologii Sp. z o.o.	ul. Zagnańska 84 25-528 Kielce www.it.kielce.pl	general, pro-innovative consulting, research, training
Stowarzyszenie Integracja i Rozwój	ul. Śniadeckich 30/5 25 – 366 Kielce, www.sir.com.pl	implementation of EFS projects, training and consulting
Fundusz Pożyczkowy Województwa Świętokrzyskiego	ul. Św. Leonarda 1/14 25-311 Kielce www.fpws.eu	investment and revolving loans

Contact details of the coordinating entity:

Cluster coordinator	Izba Gospodarcza „Grono Targowe Kielce” [„The Kielce Trade Fairs” Chamber of Commerce]
Contact	ul. Zakładowa 3, 25-672 Kielce +48 504 240 032 gtk@gronotargowe.pl
Internet website	www.gronotargowe.pl

Business Support Institutions Cluster



BiznesKlaster.pl
KLASTER INSTYTUCJI OTOCZENIA BIZNESU



Business Support Institutions Cluster (Klaster Instytucji Otoczenia Biznesu) brings together 26 innovative entities: companies, business support institutions and research institutes. By capitalizing on their intellectual, organizational and material potential it was possible to create a modern base for business. The cluster belongs to the exclusive group of the so called knowledge clusters relying on the cooperation of science and business which strive to create and develop new forms of activity in these two areas.

Cluster's offer

The Business Support Institutions Cluster develops innovative services and products:

- Business Development Center - it is a comprehensive service with respect to supporting entrepreneurship, innovativeness and competitiveness of business entities;
- consulting services including strategic, personal consultancy, investment supervision, implementation of quality management systems, knowledge and technology transfer;
- financial services including comprehensive consulting, help in financial montage, optimization of operational business costs, credit servicing, debt collection, obtaining EU funds;
- legal services associated with the process of preparing and conducting proceedings for granting public tenders, content-wise preparation of agreements, representation before court and public administration bodies;



Clustering related workshops in Paris, BiznesKlaster and Europe&Finance Innovation

- marketing services with respect to launching products on the market, advertisement and promotion campaigns (from creation, through media planning until realization), brand image creation, PR, organization of events and conferences, foreign missions and trade fair events;
- IT services including the construction of Internet portals, CRM, hosting, SEM and SEO, dedicated BZB applications,



Meeting with a Chinese producer of advanced medical technology

- SAS, e-services, training services including the preparation of comprehensive training programs and their realization in terms of organization and subject matter;
- research and analyses on the basis of innovative data procurement methods GIS, CAWI, IDI;
- Geographical Information System (GIS) - innovative technology for spatial statistical analysis which has wide commercial applications - it makes it possible to obtain, store, process, analyze, visualize and publish spatial data in form of digital maps, tables, graphs and reports;
- Virtual Advisor - product addressed to entities which expect innovations with respect to establishing contacts with their clients/users by means of modern electronic information terminals in big and small format (the so called info-kiosks);
- innovative mailing system which makes it possible to send e-mails to a defined group of recipients in an advanced yet user-friendly manner. The system makes it possible to study and analyze the effectiveness of conducted advertising campaigns with respect to various criteria, e.g. with respect to time (seasons, months, holiday periods, etc.), product category (construction, motorization, IT, etc.) and other criteria indicated by the client.

What the cluster offers to foreign entities is comprehensive assistance in terms of building transnational partnerships. The assistance pertains to all substantial fields of the legal and tax systems, political and economic conditions as well

as language and culture issues. The cluster also performs the role of a regional center of investment service which may be used by foreign companies interested in establishing relations with Polish entities. It offers professional support in obtaining funds from commercial sources or EU funds, managing operational costs as well as seeking strategic and business partners. It provides consulting services with respect to public procurement, quality management systems, legal and tax issues, marketing and IT.

Business Support Institutions Cluster prepares economic analyses, studies and reports referring to trends developing on the Polish market for the needs of foreign investors. Owing to the constant cooperation with research institutes, the cluster can prepare comprehensive analyses and studies in line with reported needs, using a wide range of innovative data collection methods, such as GIS, CAWI, IDI. The cluster can also help with respect to conducting advertising and promotional campaigns of BTL and ATL type, organizing business conferences, seminars, symposia and other thematic events.

Through internationalization of its activity and establishment of contacts with foreign partners the Business Support Institutions Cluster expects to exchange experiences with respect to business activity and promoting of good practices in economic life as well as to get to know the way companies and support institutions function on foreign markets and participate in joint undertakings aiming at increasing the quality of services for business.

Leading entities of the cluster

Name	Address	Activity
Polskie Stowarzyszenie Doradcze i Konsultingowe	ul. Rynek Kościuszki 2 15-091 Białystok www.polskiestowarzyszenie.pl	consulting (economic, strategic, financial, commercial and legal consulting, obtaining of EU funds, implementation of quality management systems, PR)
Consultor	ul. Droga Męczenników Majdanka 74 10-325 Lublin www.consultor.pl	employee recruitment (training based on innovative methods of teaching, HR consulting)
Wyższa Szkoła Finansów i Zarządzania w Białymstoku	ul. Ciepła 40 15-472 Białystok www.wsfiz.edu.pl	research institute
Agencja Interaktywna BV	ul. Warszawska 76/67 15-201 Białystok www.bv.bia.pl	IT and multimedia services: creation of websites, CMS, Internet portals, dedicated systems, mailing, SEM and SEO, hosting, finding foreign business partners
Capitales	Biuro w Białymstoku: ul. Mickiewicza 7 lok. 1 15-213 Białystok Biuro w Warszawie: ul. Trawiasta 2 04-618 Warszawa www.capitales.pl	financial advising (investment financing, financing of current activity, financial protection, cost optimization)

Contact details of the coordinating entity:

Cluster coordinator	Polskie Stowarzyszenie Doradcze i Konsultingowe [Polish Advisory and Consulting Association]
Contact	ul. Rynek Kościuszki 2, 15-091 Białystok +48 85 667 12 39/ fax +48 85 652 61 07 tk@polskiestowarzyszenie.pl ; biuro@biznesklaster.pl
Internet website	www.biznesklaster.pl

Life Science Cluster



LifeScience Kraków cluster (Klaster Life Science) is a platform of cooperation between companies and scientific teams from the field of biotechnology, pharmacy, medicine, cosmetology and environmental protection. The cluster was created in 2006 and brings together seventy entities who are offered access to cooperation network of scientific and business community of life-science sector. The aim of the initiative is to develop stable cooperation between business and science which will make it possible to execute joint R&D projects and commercialize their results. The cluster brings together life-science environments from Małopolska, it coordinates joint undertakings as well as organizes, publishes and facilitates information sharing. It also assists in establishing new contacts within the environment and beyond.

Cluster's offer

- Cluster members' activity focuses on five thematic areas:
- research in the field of searching for and developing drugs,
 - e-health and telemedicine,
 - medical diagnostics,
 - therapeutic technologies and other non-drug based technologies,
 - food and environmental technologies.

LifeScience cluster is made up of more than 70 entities from life science sector: companies from biotechnology sector, pharmacy, medicine; food and environmental protection, universities, institutes of higher education and other educational bodies, research institutes, hospitals and other bodies



Photos from Life Science Open Space conference organized by the cluster



Photo: Anna Wojnar / Laboratory of one of the cluster's partners

related to health service, business support companies and institutions and local authorities.

Cluster members offer more than 3000 products and a wide range of services, including:

- innovative and generic drugs,
- diet supplements,
- cosmetics,
- dermo-cosmetics,
- equipment for laboratories (including: medical equipment, diagnostic devices, laboratory materials),
- specialist software,
- healthy food in line with own patents,
- microbiological examinations,
- DNA analyses,
- enzyme synthesis,

- examining similar biological medicinal products,
- chemical analyses,
- clinical trials,
- consulting related to life science.

LifeScience Kraków cluster offers the possibility to cooperate with companies and scientific institutions with respect to projects and services related to biotechnology, pharmacy, medicine and the area of improving quality of life in its broad sense. What the cluster has at its disposal is a database of companies and marketing tools facilitating the cooperation of potential partners. The cluster makes it possible to cooperate with highly qualified scientific staff with modern technical facilities. Cluster members successfully operate on international markets, initiating cooperation in different areas and creating innovative solutions.

What the LifeScience Kraków cluster expects from its foreign partners is cooperation possibility with respect to innovative projects fitting in with cluster's activity and characteristics (including e-health and telemedicine, pharmacy and wellness). An important condition for cooperation with the cluster is involvement and openness to new ideas.

Leading entities of the cluster

Name	Address	Activity
Instytut Biotechnologii Surowic i Szczepionek BIOMED S.A.	Al. Sosnowa 8 30-224 Kraków	production of medicinal and medical products as well as dietary supplements
Selvita S.A.	ul. Bobrzyńskiego 14 30-348 Kraków	R&D and IT services
Jagiellońskie Centrum Innowacji Sp. z o.o.	ul. Bobrzyńskiego 14 30-348 Kraków	facilitating cooperation of companies and institutions operating in the life science sector in Małopolska region and in the whole country
Uniwersytet Jagielloński	ul. Gołębia 24 31-007 Kraków	institute of higher education (research and development)
Instytut Zootechniki PIB	ul. Krakowska 1 32-083 Bałice k. Krakowa	research institute

Contact details of the coordinating entity:

Cluster coordinator	Jagiellońskie Centrum Innowacji [Jagiellonian Centre of Innovation]
Contact	ul. Bobrzyńskiego 14, 30-348 Kraków +48 12 297 4 605 / +48 12 297 4 646 klaster@lifescience.pl
Internet website	www.lifescience.pl (PL, EN)

Aviation Valley Association



The Aviation Valley (Stowarzyszenie Grupy Przedsiębiorców Przemysłu Lotniczego „Dolina Lotnicza”) is located in the south east of Poland, a region known for its developed aviation industry and pilot training centers. The region is characterized by a big concentration of companies from the aviation industry, research institutes and developed educational and training environment. Most companies within the cluster are located in the Podkarpackie Voivodeship and the heart of the Aviation Valley is located in the capital of that region – Rzeszów. The cluster was established in 2003 at the initiative of entrepreneurs from the aviation industry. At the moment it has more than ninety members.

The cluster undertakes many actions both within the country and internationally. Organization and development of a supply chain, or creating good conditions for the development of aviation industry in the region belong to some of the cluster’s activities. Aviation Valley, through its activities, wants to stimulate dynamic development of the region, create more jobs and generally contribute to the increase of living standards.

Cluster’s offer

Aviation Valley companies form a substantial part of the world’s chain of aviation industry suppliers. They offer such products as:

- parts and components for aviation,
- transport planes,
- helicopters,
- light and ultra-light aircraft.

Within the so called purchase group created in cooperation with the Podkarpacki Business Club, companies/ members of the Aviation Valley Association take active part in trade events and economic missions both organized on the territory of Poland, Europe and the entire world.

The cluster took part, among others, in the International Subcontractors Fair AIRTEC 2011 in Frankfurt am Main. Moreover, the Aviation Valley Association is a permanent member of the international fairs PARIS AIR SHOW and ILA BERLIN.

Within the 7 EU Framework Program, the Aviation Valley performs the function of the Sector Contact Point of the Polish Aviation Technology Platform.

Projects implemented by the cluster:

The Aviation Valley Association is a member of the South East Poland Consortium operating within the Enterprise Europe Network where it is responsible for aviation sector.



Multi task chopper S-70 and TM Black Hawk



Ultra light plane MP-02 Czajka

The Aviation Valley Association strives to internationalize its activity. Currently it is looking for:

- partners/clients/subcontractors for companies from the cluster,
- potential investors.
- partners for the cluster itself on organizational level.

Leading entities of the cluster

Name	Address	Activity
WSK „PZL-Rzeszów” S.A.	ul. Hetmańska 120 35-078 Rzeszów www.wskrz.com	production (complete jet engines, turbo propellers, helicopter transmissions, „centers of excellence” of complicated technologically, advanced aircraft engines: metal plate structures, blades, steering mechanisms, precise castings, sprockets, transmissions, oil system, air system and fuel system pipes, machining of complex structures: rollers, discs, fuselages)
Polskie Zakłady Lotnicze w Mielcu Sp. z o.o.	ul. Wojska Polskiego 3 39-300 Mielec www.pzlmielec.pl	production (producer of M 18 Dromader , M28 Skytruck planes and multi task chopper S-70 and TM Black Hawk)
Hispano Suiza Polska Sp. z o.o.	ul. Partyzantów 29 39-120 Sędziszów Małopolski www.hispano-suiza-polska.com	production (sprockets, components of the sprockets systems, casings, main and indirect transmission gears, bearing caps and oil injectors, blades of low pressure turbines, steering devices of low pressure compressors, titanium bearing support, structural components for engine nacelles, complete modules of power gears for turbo-ventilated engines)
MTU Aero Engines Sp. z o.o.	Tajęcina 108 36-002 Jasionka www.mtu.de/subsites/mtupolska_pl/home_pl/index.html	production (producer of power units for plane engines), services with respect to maintenance of power units for non-military use
Wytwórnia Sprzętu Komunikacyjnego „PZL – Świdnik” S.A.	Aleja Lotników Polskich 1, 21-045 Świdnik www.pzl.swidnik.pl	production (chopper producer: SW-4, W-3 helicopter family, Sokół, parts and components and fuselages, helicopter structures), services (training during helicopter flights and training of ground staff)

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Grupy Przedsiębiorstw Przemysłu Lotniczego „Dolina Lotnicza” [Aviation Valley Association]
Contact	+ 48 17 850 19 37 / + 48 17 850 19 36 andzej.rybka@dolinalotnicza.pl
Internet website	www.dolinalotnicza.pl (PL, EN, FR, SK, UK)

Podkarpackie Aviation Cluster



Podkarpackie Aviation Cluster (Stowarzyszenie Grupy Przedsiębiorców Przemysłu Lotniczego „Dolina Lotnicza”) is a cluster operating in the light and ultra-light aviation sector as well as aviation-related industries. It primarily brings together small and medium sized enterprises. The idea behind the cluster is to bring together and support local companies operating in this sector. The strategic aim of the cluster is to increase competitiveness of its members as a result of innovations boosting safety levels in light and ultra-light aviation. The cluster cooperates with numerous similar entities in Poland and beyond, and invites all interested parties to join cooperation.

Cluster's offer

Cluster members produce and use world's unique construction and technological solutions, they have a few dozen years of experience regarding design and production of ultra-light structures (including: planes, gyroplanes, motor gliders, gliders, no-crew planes, paragliders, parachutes, deck electronics, control and measuring devices, components for aviation and other sectors, etc.).

The cluster has research and technical facilities which make it possible for the members to carry out commissioned tasks related to the development and production as well as

testing of any aviation structures whether light or ultra-light. Flagship products of the cluster include:

- new innovative GP-10 motor glider in single-seat version making it possible to train pilots, equipped with pneumatic or electric motor and made of advanced materials, fitted with electric or pneumatic drive with hybrid supply system,
- deck electronics systems including: deck computers, electric actuators and flap controls, modern deck indicators systems, external lighting and signal LED lighting, control and measurement electronics for light and ultra-light planes which increases comfort, ergonomics and flight safety,
- two-seat ultra-light KR-030 Topaz plane



The production hall and sample products of cluster members

What the cluster offers is cooperation with respect to the development of new, safer aviation structures, usage of energy-saving solutions, access to technical facilities at its

disposal, cooperation and participation in production and research projects, commercial and technical representation in the country.

Podkarpackie Aviation Cluster is looking for partners in order to establish broadest business and training cooperation possible, exchange knowledge and experiences, execute joint projects related to the development of the light and ultra-light aviation sector.

Leading entities of the cluster

Name	Address	Activity
ELSERWIS Krzysztof Cwynar	Blizne 349 36-221 Blizne	deck electronics, control and measurement systems, construction of flying replicas
J&AS AERO DESIGN sp. z o.o., Łódź	ul. Aleksandra 24/26/26 G 93-418 Łódź	production of ultra-light motor gliders and gliders
Peszke S. C. Grzegorz Peszke, Jerzy Peszke	ul. Żwirki i Wigury 6c 38-400 Krosno	production of ultra-light planes, motor gliders, gliders, propellers
PPHU Ekolot Słowik Małgorzata	ul. Akacyjowa 118 38-420 Korczyn	production of ultra-light planes and motor gliders
Szycie Sprzętu Sportowego. Bogusław Pelczar	ul. Północna 141 38-422 Krościenko Wyżne	production of parachutes, also for aviation rescue, paragliders and motor gliders
Sulima Mana Jan Romaniak	ul. Skrajna 9 35-231 Rzeszów	production of multi-task gyroplanes with single or two seats
Instytut Lotnictwa	al. Krakowska 110/114 02-256 Warszawa	research institute
Lotnicza Amatorska Federacja Rzeczypospolitej Polskiej	ul. Orła Białego 12 78-449 Borne Sulinowo	organization associating those interested in amateur and ultra-light aviation
Polskie Stowarzyszenie Motoszybowcowe	ul. Ustrzycka 1 61-324 Poznań	association which supports the development of amateur aviation and motor gliders production

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie B-4 [B-4 Association]
Contact	Pl. Kilińskiego 2, 35-005 Rzeszów +48 17 862 39 12 klaster@b4.org.pl
Internet website	www.klasterlotniczy.pl / www.aerocluster.eu

Mebel Elbląg Furniture Cluster

Klaster[®]
mebel Elbląg



The Mebel Elbląg Furniture Cluster Association (Stowarzyszenie Klaster Mebel Elbląg) was created in 2009 and it is a local initiative encompassing Elbląg and the surrounding area. The cluster is made up of not only companies producing furniture or their components but also companies providing services to this sector. Currently the cluster has twenty two members. Cluster's activity focuses, among other things, on the promotion of cluster members' products. The cluster has, on a number of occasions, taken part in the International Fairs in Poznań and Ostróda, during which cluster companies presented their products. Joint promotion and information materials are also prepared.

Cluster's offer

Producers from the cluster offer a wide range of furniture:

- room furniture
- kitchen furniture
- children furniture
- accessories and furniture elements.

The cluster brings together producers of lighting equipment and business support institutions. It cooperates with research institutes, such as Wood Technology Institute from Poznań and Institute of Industrial Design from

Warsaw. Joint conferences are organized to acquaint entrepreneurs with problems present in furniture industry and to look for solutions. Moreover, the cluster cooperates with the State School of Higher Professional Education in Elbląg in order to support the process of computerization of entrepreneurs from furniture sector and education of youths in fields associated with furniture and wood industry.

Market presence of Mebel Elbląg Furniture Cluster is of global nature. Cluster members export their products to countries worldwide (including the US).





Mebel Elbląg Furniture Cluster is looking for foreign partners in order to initiate business and training cooperation, exchange knowledge and experiences with clusters, companies and research institutes active in woodworking industry.

Leading entities of the cluster

Name	Address	Activity
HALEX	ul. Mazurska 25 82-300 Elbląg	production of coffee tables, tables, chairs
KAM	ul. Szkolna 5 82-316 Milejewo	production of kitchen furniture
LAYMAN	ul. Słonecznikowa 10 82-300 Elbląg	production of system furniture, kitchen furniture and furniture accessories.
LUPUS	ul. Skrzydlata 28 82-300 Elbląg	production of furniture accessories (table tops, fronts)
STOLZEN	Nowe Pole 2 82-310 Elbląg	production of wooden fronts

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenia „Klaster Mebel Elbląg” [Mebel Elbląg Furniture Cluster Association]
Contact	ul. Stanisława Sulimy 1, 82-300 Elbląg +48 669 770 067 biuro@klastermebel.pl
Internet website	www.klastermebel.pl

CINNOMATECH Cluster of Innovative Manufacturing Technologies



Cluster of Innovative Manufacturing Technologies (Klaster Innowacyjnych Technologii w Wytwarzaniu CINNOMATECH), shortly called CINNOMATECH (Cluster of INNOvative MANufacturing TECHNOlogies) was created in 2009 at the initiative of entrepreneurs producing machines and tools and providing technological services (including metalworking), dealing with distribution, consulting, education and services for this business. Currently the cluster has sixty seven members. The cluster provides production, educational, R&D and advisory services. Its important goal is to support the development of regional economy and strengthening of competitiveness of companies operating in manufacturing industry. Main aims of the cluster include: creation of cooperation network, increasing innovativeness of companies and producers, developing innovative products and services and launching them on the market.

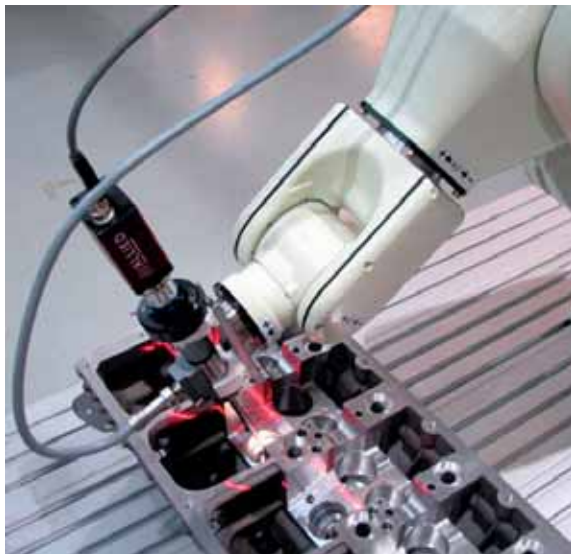
Cluster's offer

Companies belonging to CINNOMATECH cluster render services for construction industry, auto-motive sector as well as to the area of mechanics and mechanical engineering. Cluster companies cooperate in the following fields:

- production – combining products and services from different companies,
- joint purchases of machines, resources, studies, expert opinions, advisory services etc.,
- studies on technological trends,
- marketing and sales – marketing studies, common brand of products,
- database and a platform for sharing information about free production and logistics capacities,
- common participation in public tenders or tenders organized by international corporations,
- creation of common sales network (selling groups),
- using distribution networks of cluster members,
- technical training for employees on the premises of cluster members, institutes of higher education,
- training programs devoted to new issues (TQM, Kaizen, Lean Manufacturing, Lean Office, new production technologies),
- process management, process optimization, streamlining of productivity),



Production line, MATUSEWICZ Budowa Maszyn S.J.



Robotic inspection holes in the engine block. Wrocław University of Technology

Owing to membership in the CINNOMATECH cluster entrepreneurs can use laboratories of Innovation Park and institutes of higher education and research institutes that cooperate with it. Cluster members can also participate in national and foreign consultations with respect to advanced manufacturing techniques, technological and IT innovations; they also get access to new study results pertaining to manufacturing.

What the cluster can offer to potential, foreign partners are projects and production of complex mechanical solutions and mass-produced metal details, production of injection forms, consulting with respect to machining tools selection and consumption of electricity as well as R&D studies with respect to mechanics, mechatronics, IT solutions and production organization.

In cooperation with foreign partners the Cluster of Innovative Manufacturing Technologies CINNOMATECH would like to initiate execution of joint projects giving a start to an intensive, long cooperation as part of international projects fitting in with the activity and characteristics of the cluster. Cluster members would like to cooperate with foreign partners from such sectors as: production of machines and tools, technological services (mainly metalworking) with respect to sales and distribution of products.

Leading entities of the cluster

Name	Address	Activity
Dolnośląski Park Innowacji Nauki S.A.	ul. Wystawowa 1 51-618 Wrocław www.dpin.pl	implementation of innovative solutions and technologies, commercialization of R&D activity
Zakład Mechaniczno-Handlowy ZAMEH	ul. Kłodzka 10 58-210 Łagiewniki www.zameh.pl	production and comprehensive services regarding metalworking
MATUSEWICZ Budowa Maszyn S.J.	ul. Lwowska 40 59-620 Gryfów Śląski www.matusewicz.pl	services (machine construction, technical consulting, overhauls of electroplating lines, welding and sealing of plastics, metal welding, turning and milling)
Narzędzia Skrawające Tools Sp. z o.o.	ul. Rogowska 117c 54-440 Wrocław www.toolswro.com.pl	trade (tools and instruments, metalworking (including sharpening of cutting tools))
Politechnika Wrocławska	ul. Wybrzeże Wyspiańskiego 27 50-370 Wrocław www.pwr.wroc.pl www.camt.pl	research, development and education in the field of mechatronics, IT solutions and production organization (especially CAMT-Center for Advanced Manufacturing Technologies)

Contact details of the coordinating entity:

Cluster coordinator	Dolnośląski Park Innowacji i Nauki S.A. [Lower Silesian Innovation and Science Park]
Contact	ul. Wystawowa 1, 51-618 Wrocław +48 604 419 194 sekretariat@dpin.pl
Internet website	www.cinnomatech.pl (PL, EN, DE, CZ, RU)

Coppersmithing Cluster



**KLASTER
KOTLARSKI**



Coppersmithing Cluster (Klaster Kotlarski) brings together more than sixty five entities and manufacturers of heating boilers, subassemblies and heating elements, as well as companies manufacturing electronic regulators controlling the combustion process. The aim of the cluster is to support entrepreneurs in creating innovations as well as to propagate new heating technologies which take environmental protection into consideration. In order to boost competitiveness of companies from the sector, the Coppersmithing Cluster promotes among them information about currently applied heating systems and new technologies.

Cluster's offer

The cluster creates for its members conditions conducive to development owing to cooperation with academia, R&D as well as innovation-oriented environment. The Coppersmithing Cluster has its own research equipment which is made available to cluster members but it also cooperates with institutes of higher education. The cluster has its own technical facilities and knowledge centre which is a harbinger of the future Coppersmithing Cluster R&D center. The creation of „Library of good practices“ is a cluster's success. It consists of six notebooks which put in order entrepreneurs' knowledge from the field of construction, pattern design, certification, technology, logistics and management. Coppersmithing Cluster has a common product, RetKlaster 25 PREMIUM boiler. This is a result of common works



RetKlaster 25 PREMIUM boiler



Project workshop of the leading pilot group 'Advanced Technologies'

of 30 companies from the pilot group 'Innovative Boiler from Pleszew'. The boiler meets the most restrictive requirements of the European countries. Due to its high heat efficiency and environmental values the boiler is classified in the highest - third class with regard to emission of CO₂ and dust. The product has a certificate of protection of the Patent Office.

Companies belonging to the Coppersmithing Cluster operate in three groups: industrial – with 65 companies in its ranks, pilot group 'Innovative Boiler from Pleszew' with 30

companies and 'Advanced Technologies' pilot group with 10 leading companies.

The Coppersmithing Cluster companies have vast experience with respect to the production of:

- heating boilers using solid fuels,
- heat exchangers,
- control equipment, especially for municipal heating,

Companies are interested in exchange of experiences related to those issues. Manufacturing capacities of cluster companies offer possibilities of specialist cooperation.

The Coppersmithing Cluster is looking for foreign partners in order to establish cooperation with respect to the development of heating boilers of small capacity using solid fuels, including renewable fuels in particular. The cluster would like to establish partnerships regarding the promotion and presence of goods on external markets.

Leading entities of the cluster

Name	Address	Activity
Zakład Elektroniczny „FOSTER” Eugeniusz Fengier, Ryszard Owczarz Spółka Jawna	ul. Wenecka 2 63-300 Zielona Łąka www.foster-pleszew.alpha.pl	production of microprocessor temperature controllers, blowers for central heating boilers, additional articles for boilers (chimney draft regulators, sensors, power strips).
Wytwórnia Kotłów C.O. „TILGNER” mgr inż. Jerzy Tilgner	Piaski 30 63-300 Pleszew www.tilgner.com.pl	production of furnaces and boilers
ARDEO S. C.	Marszew 26 63-300 Pleszew www.ardeo.com.pl	production (retort burner adapted to burn pea coal and smaller sorts of fuel, coal dust, heating and steam boilers as well as air heater and piston feeders).
Zakład Kotłarsko – Instalacyjny Wod. – Kan. – Gaz. i C.O. Rafał Grobelny	ul. Łąkowa 8a 63-300 Pleszew www.grobelny-pleszew.com.pl	production (central heating boilers and KW-GR, biomass chamber boilers for burning wood and wood waste)
„DOMER” Handel Hurt – Detal Zdzisław Sierecki	ul. Sienkiewicza 45 A 63-300 Pleszew www.domer-pleszew.pl	supply (delivery of accessories for boilers, metal products, refractory concrete, smoke detectors, blowers for boilers, feeders, hoppers)
PPHU „Kotło Stal I” s.c. Zakład Produkcji Kotłów C.O.	Korzkwę 26 63-300 Pleszew www.kotlostal.com.pl	production of boilers
PPHU „KOTŁOSPAW” S. C. Przemysław Wroński Krzysztof Głowacki	ul. Szenica 38 63-300 Pleszew www.kotlospaw.pl	production of subbituminous coal and eco--peas boilers.
PPHU „KONSTAL” S. C. Jan Wichłacz Ewa Wichłacz	ul. Jana III Sobieskiego 25 63-300 Pleszew www.konstal.info	production of unmanned boilers with a piston and worm feeder and manned, universal boilers
DTO s.c. Zakład Produkcji Kotłów C. O.	ul. Nowa 6 63-300 Pleszew www.dto-pleszew.pl	Production of universal, subbituminous, coal, automatic, feeding boilers
Zakład Produkcji Kotłów CENTROSPAW Krzysztof Lisiak	Korzkwę 21a 63-300 Pleszew	production of boilers

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Klaster Kotłarski [Coppersmithing Cluster Association]
Contact	ul. Kaliska 65; 63-300 Pleszew +48 503 120 316 biuro@klasterkotlarski.pl
Internet website	www.klasterkotlarski.pl

Medical Cluster MedCluster



MedCluster (Klaster Medyczny MedCluster) was created in 2007 as the first medical cluster in Poland. The initial name of the cluster was Polish Medicine Cluster Southeast. The cluster consists of entities dealing with health care: primary care clinics, hospitals, SPAs and entities from the IT, training-consulting sector, health resorts, institutes of higher education and self-government units. Members of the cluster operate on the territory of the Małopolskie, Śląskie, Podkarpackie, Świętokrzyskie and Lubelskie Voivodeships.

Cluster's offer

Members of the cluster perform services dealing with health care, create a complex offer of the basic and specialist health care featuring hospitals and health resorts. The cluster brings together health care clinics, hospitals and health resorts.

Thanks to the cooperation of health care clinics operating in the cluster in 2007 a safe IT network was created called VON, which made it possible to safely transfer data between the health care clinics. In 2009 a patient id system was launched connected to a loyalty program entitled „Health Program”. The cluster implements marketing and technological innovations, participates in trade events and conferences. It initiates cooperation with foreign clusters operating in the medical sector.

The main areas of interest of the cluster feature:

1. E-health – medical services market related to telemedicine, telecare, health monitoring of the population.
2. Medical tourism and market expansion – sales of health services domestically and abroad (in particular for the citizens of the EU and Russia) by creating a joint offer for the products and services, joint marketing operation and new channels of distribution.
3. 50 plus – adjusting and developing services for the elderly.
4. Technological Parks – creation of regional technological parks and centers of competence.
5. Comprehensive medical offer for residents.



Graduation tower. Rabka Health Resort



Collagen Cross-linking with the use of riboflavin and UV radiation is a method of strengthening and stabilizing the shape of the cornea created for patients whose keratoconus is progressing or who no longer tolerate contact lenses.
Gabinety Okulistyczne Sp. z o.o. (limited liability company)

MedCluster is open to various cooperation proposals, especially with respect to:

- creation and development of telemedicine systems, including interoperability of systems,
- creation of programs for seniors and services for „50 plus” including telecare,
- creation of prophylaxis programs for citizens.

Leading entities of the cluster

Name	Address	Activity
Centermed Sp. z o.o.	Pl. Sobieskiego 2 33-100 Tarnów	medical services (outpatient clinics, hospital and specialist outpatient clinics complex)
Kamssoft Sp. z o.o.	ul. 1 Maja 133 40-235 Katowice	IT services (IT systems for health care and related sectors, specialized software dedicated specially to medicine and pharmacy, design and monitoring of business processes in the health care sector, system of medication distribution analysis)
Silvermedia Sp. J.	ul. Lea 114 30-133 Kraków	IT services (information management systems for public administration, education and medical institutions, mobile solutions, specialized Internet portals, online brand management, websites design, Internet marketing and creating brand awareness)
Vegacom Sp. J.	Al. Armii Krajowej 80 35-307 Rzeszów	telecommunication services (installation, authorized subscriber telephone exchanges, software for system phones, consoles and doorphones)
Maxcom S. A.	ul. Towarowa 23a 43-100 Tychy	systems and equipment for telecare
Uzdrowisko Rabka S.A.	ul. Orkana 49 34-700 Rabka Zdrój	medical services, spa treatment (sanatoria, natural healing center, graduation tower), hotel and gastronomy services
Państwowa Wyższa Szkoła Zawodowa w Tarnowie	ul. Mickiewicza 8 33-100 Tarnów	institute of higher education
Centrum Funduszy Europejskich	ul. Świętego Krzyża 17 31-023 Kraków	business support institution
Izba Gospodarcza „Grono Targowe Kielce”	ul. Zakładowa 3 25-672 Kielce	business support institution (organization of trade fair events, conferences, training)

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Medycyna Polska [Medicine of Poland Association]
Contact	Plac Sobieskiego 2, 33-100 Tarnów +48 507 83 70 71 (PL) / +48 500 334 162 (EN) biuro@medcluster.pl
Internet website	www.medcluster.pl (PL, EN)

METALIKA Metal Cluster



Metalika Metal Cluster (Klaster Metalowy Metalika) brings together several enterprises from the metal industry and complementary industries from Zachodniopomorskie, Wielkopolskie and Pomorskie Voivodeships. Companies operating within the cluster in 2010 achieved the level of total sales amounting to 186 million zlotys and employed around 1260 people. The goal of the cluster initiative is to dynamically develop and increase the scale of internal cooperation.

Cluster's offer

The cluster offers comprehensive performance of specialist orders from metal sector. Cluster's resources are characterized by high innovativeness which influences the usability of offered products and services.

The most technologically advanced products include:

- Eagle laser cutters made by Power-Tech company, which applies the latest engineering achievements. They are characterized by high efficiency and full automation. Their structure and technical character of Fiber (carbon fiber) laser source make them more economical and effective in metal plates machining than CO2 lasers.
- three-way tipper farming trailer of Metaltech company intended mainly for carrying farm products, in particular

loose farm materials. The body structure allows to open the boards from each side with a central lock. Three-way tipping of the load bed allows to conveniently and efficiently unload the trailer.

- Quantum Line allows to make a reliable assessment of the technical condition of brake system, suspension system and wheel adjustment. Mobile Quantum Line is an undercarriage diagnostics line LDM-30 which does not necessitate the preparation of foundations. LDM-30 line is designed to work in open spaces. The elements which are most prone to wear or corrosion in the mechanical parts of the devices are made of galvanized sheet.



Rotating spare wheel basket of Metaltech company



Quantum Line, Unimetal

Metalika Metal Cluser is interested in establishing cooperation with foreign partners - companies, universities, local authorities, clusters' coordinators. This cooperation should result in easier access to external markets. The cluster also counts on cooperation with respect to values chains, exchange of information and sharing of experiences as well as searching for innovative solutions.

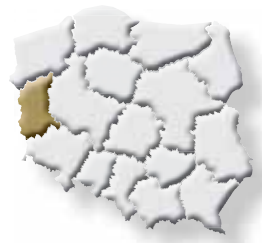
Leading entities of the cluster

Name	Address	Activity
Ekomech Sp. z o.o.	ul. Kłębowiec 102 78-600 Wałcz	production of steel structures and their elements
Fabryka Części Rowerowych „Romet-Wałcz” Sp. z o.o.	ul. Budowlanych 15 78-600 Wałcz	production of components for bicycles, wheelchairs, production of metal products.
Remprodex Sp. z o.o.	ul. Jerzego z Dąbrowy 3 77-300 Człuchów	production of containers, steel structures agricultural machines, containers and tanks
Termotech sp. z o.o.	ul. Bydgoska 33/1 64-920 Piła	construction services in the scope of sanitary, water-sewer installations and ventilation. metal structures.
Zakłady Naprawcze Mechanizacji Rolnictwa S.A.	ul. Armii Krajowej 24 73-150 Łobez	welded steel structures, metal-rubber products, production of parts and accessories for passenger cars.
Powiatowy Urząd Pracy w Wałczu	ul. Wojska Polskiego 41 78-600 Wałcz	business support institution
Państwowa Wyższa Szkoła Zawodowa w Wałczu	ul. Bydgoska 50 78-600 Wałcz	institute of higher education
Starostwo Powiatowe w Wałczu	ul. Dąbrowskiego 17 78-600 Wałcz	local self-government unit

Contact details of the coordinating entity:

Cluster coordinator	MP Polskie Klastry Sp. z o.o. [MP Polish Clusters Ltd]
Contact	ul. Dolomitów 15, 71-784 Szczecin +48 606 280 653 / +48 603 798 785 / +48 91 880 35 04 biuro@polskieklastry.org
Internet website	www.polskieklastry.org (PL, EN)

Lubuski Metal Cluster



Lubuski Metal Cluster (Lubuski Klaster Metalowy) was created in 2007 at the initiatives of companies based in northern part of Lubuskie Voivodeship. Currently, the cluster is focusing on building trust within cooperative networks as well as a consistent technical education system. An important goals of the cluster is the development of the sciences and technical studies on the university level alongside with creation of links between business and science in the region.

Cluster's offer

The basic product of cluster companies are services related to metalworking as well as production and subcontracting with regard to steel half-finished products.

Cluster companies offer includes:

- steel structures for: industry, construction engineering, power trade and environmental protection,
- machines and devices and automated production lines for various industries,
- construction, modernization and repairs of power, chemical devices and installations,
- environmental protection,
- production of spare parts and components,
- execution of complete industrial structures projects,
- complex transfer of factories and production lines,
- automated, precision processing of aluminum parts, molded under pressure, mainly for automotive industry,

- woodworking machines and production lines,
- chimneys and hearths,
- free standing furnaces and advanced heating equipment,
- cranes,
- grabs,
- platform structures,
- light steel structures and equipment for animal farms.

The cluster undertakes actions aiming at the internationalization of its activity. It carried out TINA project aiming at transnational knowledge and experiences exchange with respect to innovative working policy in metal sector between Poland and Brandenburg. In cooperation with the Metal Cluster from Brandenburg Lubuskie Metal Cluster conducts projects related to investigating the sector, i.e. structure of metal industry and number of people employed in this sector.



Chemical Factory in Garwolin



Lubuski Metal Cluster is open to cooperation with foreign partners and is looking for:

- reliable and dependable cooperation partners,
- cooperation directed at the manufacturing technologies development in areas of activity pursued by the cluster,
- companies and institutions from the Polish-German cross-border area (Lubuskie Voivodeship, Brandenburg, Berlin)

Leading entities of the cluster

Name	Address	Activity
ZAKŁAD MECHANICZNY „MESTIL” SP. z o.o.	ul. Walczaka 25 66-400 Gorzów Wielkopolski	production of spare parts and components, comprehensive transfers of manufacturing plants.
Holding – Zremb Gorzów S.A.	ul. Fabryczna 13-17 66-400 Gorzów Wielkopolski	production and assembly of steel structures, bridges, lifting equipment, steel structures for construction engineering, steel structures for energy sector, spreaders, grabs, cross-beams, pallets and transport underpinning, containers, throttles, industrial fans and equipment for animal farms.
PPUH „POM” Sp. z o.o. Strzelce Kraj.	ul. Wodociągowa 1 66 500 Strzelce Kraj.	assembly and welding services, construction of production lines elements, production of industrial devices
Fabryka Maszyn do Drewna GOMAD Sp. z o.o.	ul. Kos. Gdyńskich 56 66-400 Gorzów Wielkopolski	production of machines for woodworking
Meprozet Stare Kurowo Sp. z o.o.	Kościuszki 49 66-540 Stare Kurowo	production and assembly of steel structures as well hot-dip galvanizing of different steel elements
ae group polska Sp. z o.o.	ul. Jedności Robotniczej 3 66-500 Strzelce Kraj.	design and production of aluminum elements cast under pressure
Państwowa Wyższa Szkoła Zawodowa	ul. Teatralna 25 66-400 Gorzów Wielkopolski	institute of higher education teaching (among other things) staff for metal sector companies from Lubuskie Voivodeship
Lubuscy Pracodawcy	ul. Jagiellończyka 17/1 66-400 Gorzów Wielkopolski	business support institution - actively supports entrepreneurship, promotes the idea of sustainable economic development and the view that economic aspects cannot take precedence in a definite way over social aspects.
Kostrzyńsko-Słubicka Specjalna Strefa Ekonomiczna	ul. Orła Białego 22 66-470 Kostrzyn nad Odrą	economic zone

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Lubuski Klaster Metalowy [Lubuski Metal Cluster Association]
Contact	ul. Jagiellończyka 17/1; 66-400 Gorzów Wlkp. +48 95 722 75 30 biuro@lubuski-klastery.pl
Internet website	www.lubuski-klastery.pl

Maritime Cluster of the Western Pomerania



STOWARZYSZENIE
ZACHODNIOPOMORSKI
KLASTER MORSKI



Maritime Cluster of the Zachodniopomorskie (Zachodniopomorski Klaster Morski) was created in 2008 as a result of a grass roots initiative of shipyard companies in order to support the development of maritime economy by building networks of cooperation between companies, local self-government authorities, institutes of higher education and business support institutions. The cluster is a member of the European Network of Maritime Clusters and is deeply involved in activities aiming at encouraging strategic investors to invest capital or place orders with entities from the region. The cluster brings together entities operating in the business of ship repairs and rebuilding as well as construction of floating vessels and large-scale structures. It closely cooperates with municipal and regional authorities.

Cluster's offer

The cluster offers services regarding:

- construction of vessels and fuselage elements,
- overhauls of ships and maritime structures in own docks, at the client's or during voyage
- rebuilding of ships,
- construction and reconstruction of integrated automatic control systems for ships' engine rooms and sea navigation.

The West Pomeranian Maritime Cluster strives to create conditions conducive to the development of cluster companies and exploitation of shipyard infrastructure available in Szczecin. The cluster is involved in organization of mee-



Conveyor element loaded on a "heavy lift" ship by an expedition heading towards Antipodes



Marine Repair Shipyard SA



Ship Lydia L before and after renovation

tings between business entities and representatives of self-government bodies. It takes actions related to developing of support strategy for regional companies in order to boost production and employment as well as competitiveness on foreign markets together with new investment and implementation of innovations.

The cluster nurtures shipyard traditions, simultaneously promoting the voivodeship on international arena as a region specializing in the construction of floating vessels. It brings together entities from the shipyard industry which offer services related to design of new floating vessels and large-scale structures.

The West Pomeranian Maritime Cluster is looking for foreign partners in order to establish cooperation as part of international projects fitting in with the activity and characteristics of the cluster. What the cluster offers to foreign partners is cooperation with respect to projects related to construction of vessels and fuselage elements, overhauls of ships and maritime structures and ships' rebuilding.

Leading entities of the cluster

Name	Address	Activity
Finomar	ul. Łady 2 70-966 Szczecin www.finomar.com.pl	large-scale structures, construction of floating vessels, construction elements for offshore industry
Stalkon	ul. Piotra i Pawła 1 72-015 Police www.stalkon.com.pl	production and assembly of steel structures - light, heavy and large-scale
Kongsberg Maritime Poland	ul. Ziemowita 10d 71-717 Szczecin www.kongsberg.com	production and servicing of navigation systems, DP, connectivity, integrated ship automation systems, servicing all over the world
Magemar Polska	ul. Bytomska 7 70-603 Szczecin www.magemar.com.pl	freight of conventional and container packages.
Master	ul. Władysława IV 1 70-651 Szczecin www.masterltd.com.pl	overhauls and rebuilding of ships, repairs of devices, delivery of parts in the country and abroad.
Morska Stocznia Remontowa Świnoujście	ul. Ludzi Morza 16 Świnoujście www.msr.com.pl	overhauls and rebuilding of ships, cooperation, structures for the offshore industry
Partner Shipyard	ul. Lipowa 5-6 71-734 Szczecin www.partnershipyard.pl	ship building, prefabrication of ship sections

Contact details of the coordinating entity:

Cluster coordinator	Stowarzyszenie Zachodniopomorski Klaster Morski [West Pomeranian Maritime Cluster Association]
Contact	ul. Łady 2, 70-966 Szczecin +48 91 43 24 694 / +48 602 73 93 89 / +48 91 43 24 650 biuro@klastermorski.org
Internet website	www.klastermorski.org

Metalworking cluster



**KLASTER
OBRÓBKI METALI**



The Metalworking Cluster (Klaster Obróbki Metali) groups around seventy companies from north eastern Poland, mainly from the Podlaskie, Warmińsko-Mazurskie and Lubelskie Voivodeships operating in the metalworking sector, both in the services sector as well as trade and production. This sector employs over 15 000 inhabitants of the region. Members of the cluster include national and world leaders of agriculture machine production with a high degree of innovative development potential.

Cluster's offer

Companies grouped in the cluster offer the delivery of high quality products for the agricultural, metal, construction, and yacht sector.

The cluster supports members by the promotion of products and obtaining orders on national and foreign exhibitions and fairs as well as trade missions.

The innovative potential of the cluster is strengthened by a modern equipment base, including most modern generation of drills of the PROMOTECH company consisting of 4 models, from a compact machine with 1 gear to a sizable multifunctional drill which could perform 111 mm holes for the manufacturers of heavy steel constructions, or the PRO-NAR company line of products used to the collection and distribution of feed awarded with the Cup of the Minister of Agriculture and Rural Development.



New generation of drills of the Promotech company



Innovative construction of cylinders – Pronar trailer

Enterprises grouped in the Metalworking Cluster are interested in taking up cooperative activities in manufacturing products for the machine and metal sector as well as subcontracting. The cluster coordinator undertakes cooperation with partners in the area of exchange of experiences, managing the initiative, creating joint cluster products and activating the cluster's activity.

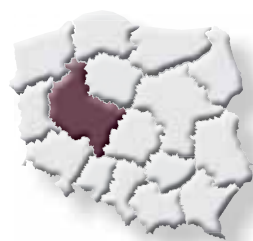
Leading entities of the cluster

Name	Address	Activity
JAZON Sp. z o.o.	ul. Wysockiego 164A 15-167 Białystok www.jazon.com.pl	machine production and devices (for customer order), services in the scope of electroplating and heat treatment, milling
Kotniz – Zdzisław Nietupski	ul. Usługowa 15-521 Białystok-Zaścianki www.kotniz.eu	accessories production for the yacht industry; services (laser steel, aluminum, titanium, sheet metal and pipe cutting)
MEDGAL Józef Borowski	ul. Niewodnicka 26A Księżyno k/Białegostoku www.medgal.com.pl	production of highest quality implants metal (steel/titanium) and sales of implants
METAL-FACH Sp. z o.o.	ul. Kresowa 62 16-100 Sokółka www.metalfach.com.pl	machines and agricultural machines production (bale grabs, wrapping machines, digging reels, tractor cabins, mixer feeders, central heating boilers and car trailers)
PROMOTECH Sp. z o.o.	ul. Elewatorska 23/1 15-620 Białystok www.promotech.eu	production of professional electric industrial tools for steel mechanical working
PRONAR Sp. z o.o.	ul. Mickiewicza 101 A 17-210 Narew www.pronar.pl	agricultural machines production (tractors, agricultural trailers, green fodder harvester) and equipment

Contact details of the coordinating entity:

Cluster coordinator	Centrum Promocji Innowacji i Rozwoju [Innovation and Development Promotion Centre]
Contact	Al.1000-lecia Państwa Polskiego 39 A, 15-111 Białystok +48 85 651 41 46 / fax +48 85 651 41 48 www.metalklaster.pl
Internet website	biuro@metalklaster.pl

Graphic arts and advertisement cluster in Leszno



Members of **Graphic arts and advertisement cluster in Leszno** (Klaster Poligraficzno-Reklamowy w Lesznie) created in 2006 include enterprises operating actively in the advertisement and graphic arts sector: printing houses, advertising agencies, visual advertisement, gadgets and sport trophy producers, packages and paper articles and graphic arts preparation room. The companies operate in the leszczyński, rawicki, gostyński, wschowski and górowski poviats.

The aims of the cluster's activity is the increase of competitiveness of the sector, popularization of pro-innovative attitudes, increasing the technological level of performed services as well as indirect participation in the exchange of information between enterprises.

Cluster's offer

Cluster members' offer includes:

- services related to the preparation for printing companies and advertising agencies
- comprehensive services related to graphic arts
- advertising services (production of advertising and back-lit boards, advertisement placed on cars, promotional embroidery, promotional clothing).

Thanks to the presence of research centers, education and business support institutions in the cluster, entrepreneurs are supported in obtaining subsidies and technology transfer.

Membership in the Graphic Arts and Advertisement Cluster in Leszno offers to the companies in the sector the possibility to increase their competencies. The cluster initiated cooperation with the R&D Center of the Graphic Arts Sector (COBRPP). Cluster members implemented 7 R&D projects

co-financed from the PARP program „innovation vouchers”. The association organizes free of charge specialist training for member companies.

The Graphic Arts and Advertisement Cluster in Leszno actively participates in the process of adjusting the education offer of public education to the needs of the sector's labor market. In the Complex of Electricity and Telecommunication Schools in Leszno in the academic year 2011/2012 a class was initiated that teaches advertisement management. In the future, moreover, a class will be created teaching the profession and the techniques of digital graphic arts processes. The latest undertaking of the cluster initiative is the creation, in the School Complex, of a multimedia design workshop. First, means for this undertaking were obtained in the project of the Marshall Office of Wielkopolskie Voivodeship „Vouchers for cluster initiatives” in 2012.

Graphic Arts and Advertisement Cluster in Leszno actively participates in international projects, the aim of which is to create partnerships with foreign entities.



Conference devoted to the needs of the local labor market



Cluster members' integration party

In 2008 the representatives of the organization participated in the international seminar within „Europäischen Akademie der Regionen“ entitled „Cluster: Entwicklung und Organisation“ the coordinator of which was sharing his experiences with others in the document „Selbstorganisation von Unternehmen“. The conference took place in Höhr-Grenzhausen, near Koblenz. In that very year the representatives of the association took part in a study tour to Erfurt. The tour was organized within the project “Enterprise Europe Network” in cooperation with the foundation „Kalisz Entrepreneurship Incubator” and the Erfurt Chamber of trade and Industry.

Graphic Arts and Advertisement Cluster in Leszno awaits from its foreign partners the implementation of joint projects and full engagement in activities. The cluster is also open to the exchange of experiences in the scope of professional education in graphic arts and innovation in the sector.

Leading entities of the cluster

Name	Address	Activity
Entities represented in the management of the Association		
In the Complex of Electric and Telecommunication Schools in Leszno	ul. Kilińskiego 4 64-100 Leszno www.zset.leszno.eu	The technical schools complex (advertisement organization technician, electric technician, mechatronics technician, telecommunication technician) and vocational school.
ALGRAF Alicja Jankowska	ul. Ks. A. Kostki 25 67-400 Wschowa www.algraf-jankowska.com.pl	services (printing services, large scale print, advertisement production, exhibition and automobile graphic arts, ecological bags, key lanyards, imprints on clothing and advertising gadgets, generating by laser, production of rating plates, graphic design, events management)
MANUS	ul. Bolesława Chrobrego 35A 64-100 Leszno www.manus.info.pl	sales of cardboard as well as decorative and business card paper, self-adhesive paper, graphic arts services, image setting, matrices to all types of print
WIELKOPOLSKA AGENCJA REKLAMOWA	ul. Karola Kurpińskiego 1 64-130 Rydzyna www.reklama.info.pl	graphic arts services (production of advertising and back-lit boards, advertisement placed on cars, promotional embroidery, promotional clothing, candles with logos, large scale prints)

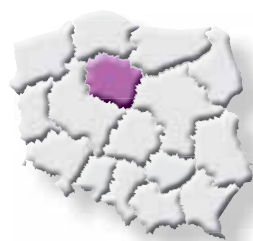
Full list of cluster members is available under <http://www.poligrafia.leszno.eu/czlonkowie-klastra.html>

Contact details of the coordinating entity:	
Cluster coordinator	Stowarzyszenie Klaster Poligraficzno-Reklamowy w Lesznie [Graphic Arts and Advertisement Cluster Association in Leszno]
Contact	ul. Bolesława Chrobrego 35A, 64-100 Leszno +48 65 529 29 47 / +48 65 529 29 51 manus@data.pl
Internet website	www.poligrafia.leszno.eu

Bydgoszcz Industrial Cluster



Bydgoski Klaster Przemysłowy
Bydgoszcz Industrial Cluster



Bydgoszcz Industrial Cluster (Bydgoski Klaster Przemysłowy) was created in 2006. At present it focuses fifteen regular and thirty-six supporting members operating in the tool and processing sector and the chemical sector. The main task of the Bydgoszcz Cluster Association is the promotion of the Kujawsko-Pomorskie Voivodeship as a leading Polish production center of modern processing tools and detailed elements made of plastics.

Cluster's offer

Cluster companies produce custom made molds and adjust them to their needs. Details from plastics are usually standard parts or products. These are high quality products, frequently encountered in articles of every day use. Companies offer bonuses, usually dyeing concentrates improving the properties of materials and devices as well as cleaning materials for machines.

Products and services offered by cluster members

- injection moulds for plastics,
- innovations are based on using modern methods of production (e.g. electrical discharge machining, treatment with CNC 3-axial centers), material with increased strength and new technologies (e.g. hot channels),

- plastic details for the automotive, household appliances, furniture, electrical, electronic, medical industries. Production from the available polymer materials using the methods of injection extrusion, blowing,
- assembly,
- additions to plastics (masterbatche).

The cluster offers also tools as well as high quality details, with a high degree of innovativeness, they are performed with modern machines and devices by competent employees. As regards researching products, searching for solutions and new implementations the cluster cooperates with the Technology and Environment University and the Regional Innovation Center.



Quick disconnect with protection



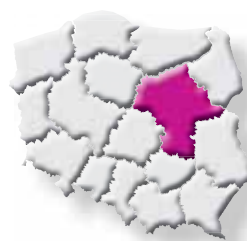
Guide post and linear ball bearing

The Bydgoszcz Industrial Cluster is searching for foreign partners in order to initiate cooperation in the scope of subcontracting of forms and production of plastic parts. The cluster is recognizing the opportunity of increasing its competitiveness by opening new markets, as well as increasing the level of innovativeness of enterprises. The cluster is interested in technology transfer and building stable cooperative links with companies and clusters from other countries.

BKP is also interested in the implementation of international projects which are part of the cluster characteristics implemented within the inter-cluster networks, as well as the exchange of information and good practices.

Contact details of the coordinating entity:	
Cluster coordinator	Stowarzyszenie Bydgoski Klaster Przemysłowy [Bydgoszcz Industrial Cluster Association]
Contact	ul. Mennica 6, 85-112 Bydgoszcz +48 52 58 59 152 bkp@klaster.bydgoszcz.pl
Internet website	www.klaster.bydgoszcz.pl (PL, EN)

Creative Communication Cluster



Creative Communication Cluster is a sector initiative which brings together companies and organizations related to communication, creative industry and media in order to centralize the competencies and sector potential. The mission of the Creative Communication Cluster is stimulating the creative sector on national and European level. Creating the offer of innovative products, services, technological and organizational solutions as well as creating a strong and recognizable brand belong to its objectives.

The cooperative cluster link includes companies and entities that work together such as: media agencies, advertising agencies, PR agencies, business support institutions, research companies, representatives of NGOs and the world of culture.

Cluster's offer

The cluster develops and commercializes innovative solutions and tools devoted to social and territorial marketing. It operates towards creating creative partnership by mobilizing creative, scientific and organizational potential of companies, business support institution, R&D units.

The cluster offers the following services:

- Marketing Communication Audit. The audit is a research into the cohesion of activities implemented within company/institution with its environment, strategy and concordance of the results of these activities with the prepared goals. The distinguishing feature of the audit is synergy: simultaneously the results of communication such as media exposure and perception are researched (e.g. awareness in the target group). AKM offers also a holistic business support and comprehensive consulting for every company that enters the market or prepares communication strategy.
- Creative kindergarten. The project stipulates the creation of a network of creative kindergartens functioning on the basis of own programs and using modern education tools



Meeting of cluster members, 26-27.04.2012

as well as creating conditions for creative development inspired by the assumptions of the Waldorfian pedagogy. An additional innovative element of the program is to support the work of educators with modern technologies and ICT tools. A distinguishing element of the offer is the child care model with a stronger presence of male educators, stronger emphasis on the cooperation between children (pre-school without competitiveness) and inspiring and flexible environment.

- Digital Out of Home. It is an innovative solution regarding the use of digital carriers in social communication and marketing. The aim of the project is the implementation of an interactive system of communication between administration and citizens. Public places will feature information kiosks with touch screens and information screens. The content of the displayed information regarding citizens public matters will be prepared on the basis of consultations and social research conducted among the civil servants, customers and city inhabitants.
- Celebrity Matching & Marketing. CeMMa is a unique offer on the Polish market ensuring an optimal selection of celebrities and brands. The offer was created with consideration to the representatives of the marketing sector,

as well as the managers of Polish celebrities. The service consists in examining images of famous people and assessing the potential of linking a particular image to specific brand. Additionally, it includes the preparation of strategy of operations and management of cooperation between the brand and the celebrity. It helps to transfer the engagement of a given person into real business result of the company.

The cluster creates a platform of exchange of knowledge and experiences between the private and the public sector in the scope of social and territorial marketing. Creative Communications Cluster wants to jointly implement business projects, social and promotional campaigns with foreign partners on their domestic markets and in Poland.

Creative Communication Cluster encourages the cooperation of all foreign entities interested in creating new non-standard solutions in the area of communication and channels of reaching recipients that have the aim of influencing a change of their attitudes. Creative Communication Cluster offers a rich experience, developed solutions (directed towards public administration, sector institutions etc.) with the aim of increasing the effectiveness of social campaigns, education, creating tools related to marketing communication.

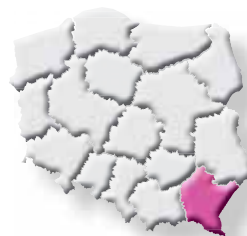
Leading entities of the cluster

Name	Address	Activity
Red Branch Polska Sp. z o.o.	ul. Niemcewicza 5a/6 02-022 Warszawa www.redbranch.eu	advertising agency services (services related to marketing communication, preparing a strategy, creating and implementing media presence ATL, BTL /Internet/Ambient/DOOH/Mobile and during special events)
Millward Brown SMG/KRC	ul. Nowoursynowska 154a 02-797 Warszawa www.millwardbrown.com/pl	social and marketing research
Media On Sp. z o.o. Sp. k.	ul. Bukowińska 22/10b 02-703 Warszawa www.mediaon.pl	media house – planning and purchase of media (preparing a media communication strategy, planning and purchase of media)
MSL Warsaw	ul. Wołoska 9a 02-583 Warszawa www.mslwarsaw.pl	PR services (media relations, operating in the realm of social media, consulting and supervision over the services of subcontractors, organizing events)
Nexus Interactive Ćwikła Marcin, Mąderek Jakub Sp. C.	ul. Poznańska 54 62-023 Gądko www.nexus.com.pl	interactive agency services (services related to creating websites, internet applications and data bases, mobile sites, registering domains, hosting)
Instytut Monitorowania Mediów Sp. z o.o.	Al. Jerozolimskie 53 00-697 Warszawa www.imm.com.pl	research (analyzing media image, media coverage analysis, media monitoring, data base of journalists and media)
Szkoła Główna Handlowa w Warszawie	Al. Niepodległości 162 02-554 Warszawa www.sgh.waw.pl	institute of higher education (first and second degree studies, postgraduate studies, doctoral studies R&D activity)
Bajka – Fundacja na Rzecz Rozwoju Dzieci	ul. Bokserska 1 02-682 Warszawa www.radiobajka.pl	radio broadcasting (radio programme directed mainly to children, as well as parents and caretakers)

Contact details of the coordinating entity:

Coordinating entity	Polska Fundacja Komunikacji [Polish Communication Foundation]
Contact	ul. Łucka 2/4/6, 00-845 Warszawa +48 22 339 36 58 mateusz.halicki@creativecluster.eu
Internet website	www.creativecluster.eu

POLIGEN – Rzeszów Plastics Processing Cluster



POLIGEN – Rzeszów Plastics Processing Cluster (Klaster Przetwórstwa Tworzyw Sztucznych POLIGEN) was established at the initiative of the Rzeszów University of Technology, the MARMA Polskie Folie Sp. z o.o. and a business support organization - INNplus company. The aim of the cluster is the creation of an effective innovation system by supporting cooperation of its partners in boosting their competitiveness, implementing innovations in products, organization or processes, development of balanced technologies and development of human capital.

Cluster's offer

The cluster's activity focuses on:

- optimizing marketing processes of companies by promoting the image of cluster's pro-ecological products especially latest design trends.
- facilitating group purchases of resources and services, exchange of market information,
- creating a joint brand which will promote pro-ecological products of cluster members,
- participating in fairs, promotional business visits and raising awareness through promotional materials.



MARMA company production hall



SPLAST Sp. z o.o. company production hall

Services offered by cluster members include:

- ecological, bio-degradable products made of plastics (production of equipment, accessories, sub-components for the auto industry, electronics, home appliances, cosmetics, construction, furniture, toys etc);
- products designed according to latest design trends (e.g. AquaSplast line of products);
- Modified granulates of plastics (compounding - blends, polymer blends or composites, e.g. innovative technologies of obtaining halogen-free cable mix, hybrid nano-composites, termoplasts or PUR polyurethane..

POLIGEN – Rzeszów Plastics Processing Cluster is open to cooperation with national and foreign cluster initiatives operating in the plastics processing and related sectors. Cooperation might regard both establishing business contacts between companies as well as joint implementation of R&D projects, knowledge transfer regarding development of cluster initiatives, training cooperation etc.

Areas of cooperation might regard main production specializations of cluster members which include: ecological biodegradable technologies and products, products designed on the basis of latest design trends and modified plastics granulates.

Leading entities of the cluster

Name	Address	Activity
MARMA Polskie Folie Sp. z o.o.	al. Pod Kasztanami 10 35-030 Rzeszów www.marma.com.pl	production (garden foils, foils used in construction, textiles and technical nets, roofing accessories)
Polkemic II Sp. z o.o. S.K.A.	ul. Boya-Żeleńskiego 2a 35-105 Rzeszów www.polkemic.pl	production (plastic furniture elements)
Polimarky Marek Kyc Sp.j.	ul. Bieszczadzka 1 35-082 Rzeszów www.polimarky.com.pl	production (granulates employed in home appliances, electric engineering, automobile industry, construction, fastenings, toys, interior decoration and packages)
Splast Sp. z o.o.	ul. Łukasiewicza 43 38-460 Jedlicze www.splast.com.pl	production (injection molding with the use of thermoplastic materials for automobile industry and electronics, home appliances, cosmetics, construction, production of cleaning products used in offices, hotels hospitals schools industrial facilities)
Z.P.H. Bepolplast I Sp.j.	Żarnowiec 282 38-460 Jedlicze www.bepolplast.com	production (elements for suspension components for the automobile industry, furniture accessories, masking elements, processing available data on the thermoplastic plastics)

Contact details of the coordinating entity:

Coordinating entity	INNpuls Sp. z o.o.
Contact	ul. Hetmańska 40a, 35-045 Rzeszów +48 17 77 88 270 / +48 17 77 88 273 info@innpuls.pl
Internet website	www.poligen.pl (PL, EN)

Welding cluster KLASTAL



KLASTAL
KLASTER SPAWALNICZY



The Welding Cluster Klastal (Klaster Spawalniczy KLASTAL) was created in Stalowa Wola, a city with a long industrial tradition. The aim of the cluster is to ensure high quality of products and services and improving the processes dealing with welding technology. KLASTAL cooperates with the Chair of Welding and Casting of the Rzeszów University of Technology and a regional Technological Incubator, which possess high quality research equipment and welding devices as well as scientific and research equipment to prepare new technologies employed in welding.

Cluster's offer

KLASTAL offers professional services of improving steel constructions, welding repairs, modernization and welding special materials. Steel welding in the gaseous protection using the MIG/MAG and TIG method and electron beam welding. We deal with supplying manufacturing and service entities with modern tools and technical articles, metal working and metal and aluminum welding. The cluster offer includes also hand and artisan tools, power tools and pneumatic tools, hydraulic cylinders, hydraulic steering devices, oil tanks, tools and abrasives and diamond materials, Loctite, cutting tools. KLASTAL deals with comprehensive renovations of construction machines and components, with emphasis placed on wheel loaders. The cluster enterprises operate also as producers of road graders, crushers, metal constructions, equipment for construction machines (bailers, grabbers, quick disconnects, landslide shares, rollers, racks different types of welded constructions, equipment for forklifts),

as well as (metal sheet cutting, splines cutting, gear trains and gear racks, machining) or renting road graders.

Entrepreneurs belonging to the cluster offer the following services:

- machining of steel parts (turning, milling and drilling),
- welding of parts, sets and steel constructions,
- comprehensive renovation and repair of construction machine parts.
- metal plastic working, machining,
- oxygen cutting,
- electron beam welding,
- electrical discharge machining

Entrepreneurs belonging to the cluster offer the following services:

- parts and sets to machines and devices for railroad industry, construction machines, shipbuilding,
- road graders,



CVE SC8-5209 electron beam welding device (Vertical Machining Center MAZAK VTC 800/30 SR)



Machines for water jet cutting

OPAL WATERJET is a universal machine, thanks to which there is the possibility to work such materials as steel, aluminum, stone, glass or ceramics. Advantages of the water jet cutting technology: its universality, lack of heat affected zone and environmental friendliness.

- loaders after reconstruction,
- crushers,
- machines and devices for mining and extraction,
- special equipment for construction and welded components,
- cinders.

KLASTAL took part in creating Technological Incubators, services of which might be used by entrepreneurs belonging to the cluster. The entity is equipped with a training, equipment base, modern devices to measurements and durability studies, metallography and modern machines and metal working devices and metallographic laboratory. The cluster offers its foreign partners knowledge backed by research conducted by R&D units and own experiences. It also has an experienced staff of experts in the scope of welding and metalworking which allows the cluster to offer professional services of steel constructions, repair welding, modernization and welding special materials.

The KLASTAL welding cluster looks for foreign partners in order to strike cooperation within the international projects that subscribe unto the activity or operations of the cluster and business partnership. The cluster offers the implementation of joint actions, experience of know how allowing for the increase of quality of offered services. The cluster is interested in opening new markets for their products.

Leading entities of the cluster

Name	Address	Activity
MISTA Sp. z o.o.	ul. Grabskiego 36 37-450 Stalowa Wola www.mista.eu	production (road and construction machines, own models of road graders, dozers on tracks, spare parts) services (warranty and after warranty service or produce machines)
ZPH WELDMENT Sp. z o.o.	ul. Kwiatkowskiego 165 37-450 Stalowa Wola www.weldment.pl	services (metalworking: cutting, turning, milling, threading, grinding and drilling and performing welded sets)
PPUH INTERMECH Sp. z o.o.	ul. Hutnicza 1 37-450 Stalowa Wola www.intermech.com.pl	production (parts and sets for construction and mining machines, production for railway and tram rolling stock, production of hydraulic cylinders, hydraulic steering devices, oil tanks, clutches, side transmission gear and other special products)

Contact details of the coordinating entity:

Coordinating entity	Regionalna Izba Gospodarcza [Regional Economic Chamber]
Contact	ul. 1-go Sierpnia 26B, 37-450 Stalowa Wola +48 15 844 03 57 (EN) / +48 15 844 03 57 rig@onet.pl / wgalczynski@rig-stw.pl (EN) mszczepanska@rig-stw.pl
Internet website	www.klastal.org

Organic Food Valley Cluster



The „Organic Food Valley” Cluster (Klaster Dolina Ekologicznej Żywności) joins entities operating towards the promotion and development of organic food. Cluster members include companies, which have the potential and rich experience in cultivating and manufacturing organic food.

The cluster concentrates on the development of cooperation between research centers, entities operating towards the development of innovativeness and enterprises dealing with production, processing and distribution of organic products. Organic Food Valley strives to increase the competitiveness and innovativeness of the offer by introducing the new and improved products and services.

Cluster’s offer

The standard products of the company include:

- flax and rape seed oil, pressed in low temperatures (thanks to this technology the oil includes ADEK vitamins and omega 3 acids necessary to the proper functioning of the organism),
- sękacz cake with its original look and unforgettable taste the baking of which is based on traditional folk methods,
- own produced sausage manufactured from ecological pork meat smoked and roasted.

The main direction of innovation in the products manufactured by the cluster members include:

- improving the quality of ecological resources.
- improving the stored resources and products in conditions of quick frosting and freeze-drying,
- eliminating chemical preservatives, artificial coloring and artificial aromas,
- development of package production undergoing fast biodegradation.

Members grouped in the cluster acquire experience by training and business missions organized by the Organic Food Valley Cluster, as well as by their own economic potential thanks to which they implement necessary investments influencing in a major way the improvement of the conducted ecological production.

The companies which are part of the Ecological Valley Cluster offer to potential foreign partners food with high taste and nutritional quality produced in ecological conditions.

Selected products promoted by the cluster:



Cold pressed flax oil possesses salutogenic properties: has significant nutritional values, includes omega-3 fatty acids and is a source of vitamins soluble in fats. The ingredients included in cold pressed oil are necessary to the proper functioning of the organism. The product has an ecological certificate



Swojska sausage – produced only from pork, smoked and roasted



Sękacz is a cake with an unforgettable taste and aroma. Its production stems from ancient times. At present the products with its shape evokes the image of a pine tree, the needles of which took the dark-gold color of amber. It is a handmade, ecologically certified bakery product

An important aim of the cluster is initiating cooperation and exchange of experiences with research institutes and foreign institutions interested in the development of agriculture and ecological food production, maintaining the environmental values, biodiversity and cultural values.

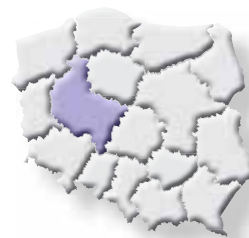
Leading entities of the cluster

Name	Address	Activity
Barwy Zdrowia	ul. Biłgorajska 150 23-420 Tarnogród	flax and rape seed oil production using the cold pressed method, vegetable production
JK Sp. z o.o. Zakład Mięśny Jasiołka	ul. Nadbrzeżna 1 38-450 Dukla	organic meat production
Zakład Mięśny Wasąg	Hedwiżyn 118 23-400 Biłgoraj	organic meat production
Owocowe Smaki	Jelna 408 C 37-310 Nowa Sarzyna	sugar free fruit juice production
Allnet Sp. z o.o.	ul. Listopadowa 2 21-560 Miedzyrzec Podlaski	sękacz cake and ecological cakes production
Pasieka Ekologiczna	Więckowice 39 37-565 Rożwienica	organic and brewed honey production
Instytut Uprawy Nawożenia i Gleboznawstwa Państwowy Instytut Badawczy	ul. Czartoryskich 8 24-100 Puławy	research and development unit dealing with fertilizing and soil fertility and agricultural space protection

Contact details of the coordinating entity:

Coordinating entity	Instytut Uprawy Nawożenia i Gleboznawstwa Państwowy Instytut Badawczy w Puławach [Institute of Soil Science and Plant Cultivation, State Research Institute]
Contact	ul. Nadbystrzycka 44a, 20-501 Lublin +48 81 53 84 668 / +48 51 7490880 biuro@dolinaeko.pl
Internet website	www.dolinaeko.pl (PL, EN)

The Food Cluster of the Southern Wielkopolska



The Food Cluster of the Southern Wielkopolska Association in Kalisz¹ (Klaster Spożywczy Południowej Wielkopolski Stowarzyszenie w Kaliszu) functions in Wielkopolska – region known for its high level of agro-food production and processed food production. The Kalisz region groups most of the cluster companies and is the biggest Polish producer of vegetables and glasshouse farming and farming under protective covers (over 1000 ha of farmland). The aim of the cluster is the increase of the product quality in the food sector. Jointly the employment in all cluster companies amounts to over 4200 persons and the annual value of revenue amounts to over 1 300 000 000 PLN.

Cluster's offer

The cluster presently groups 24 companies producing:

- meat and its various products,
- milk and dairy products,
- sweets and drinks,
- liophilized products and pro-health product (collagen, crisps),
- additional food ingredients,
- herbs, spices, teas and dried fruits and nuts,
- modern machines and devices for fruit and vegetable processing.

Products for cluster companies are the subject of export to most EU countries, many Asian countries and Northern Africa as well as USA.

The cluster applied for subsidies in 4 competitions (Wielkopolski Regional Operational Programme), thanks to

which the cluster launched its own server room, Internet portal as well as Virtual Market and prepared Investment Development Strategy, Promotion and Marketing Strategy as well as issued a monograph. In the competition „Voucher for Cluster Initiatives” in cooperation with the Institute for Logistics and Warehousing a project is implemented entitled: „Preparation of the concept and establishing the viability of implementing group product purchases and services by The Food Cluster of the Southern Wielkopolska”.

The cluster offers its foreign partners its experiences in issuing innovative products such as liophilizers, crispy natural, vegetable pickles, modern processing machines, as well as their sales by flexible distribution channels.

Members of the cluster are open to the implementation of joint undertakings including organization of fairs, workshops, projects, cooperation with R&D units, cross-laboratory cooperation, exchange of interns and specialists, etc.



Production line for yogurt fruit pulps – Spomasz Pleszew S.A.

¹ Association in Kalisz as of 01.01.2013 the name will be changed to WIELKOPOLSKI FOOD CLUSTER Association in Kalisz (a resolution was already taken to the National Court Register).



Cheese: blue cheese and brie cheese with „noble mould” by the LAZUR Milk Cooperative

The cluster wants to initiate new contacts with entrepreneurs and clusters from the food industry in the world and an exchange of good practices. A significant variety of productive activity in the cluster opens possibilities for cooperation. The cluster offers foreign partners, first of all, the participation in research processes of phenomena that form a part of the production process of tomato, glasshouse cucumber and field vegetables.

Leading entities of the cluster

Name	Address	Activity
Jutrzenka Colian	ul. Zdrojowa 1 62-860 Opatówek	production of bakery products, sweets and drinks, packaging of spices, herbs, dried fruits and nuts
Firma produkcyjno-Handlowa „Paula” Sp. z o.o.	ul. Łódzka 145 a 62-800 Kalisz	vegetables and fruit processing, and lypholizers, constituting natural supplements to food and the production of no-fat “Crisp Natural”.
WPPH Elena Import-Export	Kokanin 86 62-817 Żelazków	production and export of lypholizers from fruits, vegetables, mushrooms and herbs. production of pro-health preparation „Kolagenum”
Lazur Spółdzielnia Mleczarska	ul. Kaliska 44 63-460 Nowe Skalmierzyce	production of blue cheese, brie cheese and noble mould cheese
Ceko Sp. z o.o.	Goliszew 3 c 62-817 Żelazków	production of yellow cheeses, Italian and smoked as well as Dutch-type cheese, Swiss cheese and low-fat cheese – 3% cheese like fat.
Fabryka Maszyn Spożywczych „Spomasz”	ul. Słowackiego 14 63-300 Pleszew	machine production, devices and technological lines to the processing of a wide gamut of foods, spirits, chemistry.
Uniwersytet Przyrodniczy w Poznaniu	ul. Wojska Polskiego 28 60-637 Poznań	research institute
Regionalna Izba Gospodarcza w Kaliszu	ul. Częstochowska 25 62-800 Kalisz	business support institution
Pleszewska Izba Gospodarcza	ul. Słowackiego 14 63-300 Pleszew	business support institution

Contact details of the coordinating entity:

Coordinating entity	Andrzej Spychalski
Contact	+48 62 764 57 83 / +48 504 022 938 rig@zeto.kalisz.pl
Internet website	www.klaster.kalisz.pl

The Mazurian Windows Cluster



The Mazurian Windows Cluster (Klaster Mazurskie Okna) is a group of enterprises, business support institutions and research institutes operating in the Warmińsko-Mazurskie Voivodeship and northern part of the Podlaskie Voivodeship in the wood joinery sector or related sectors. The Mazurian Windows Cluster was established in 2006 by the companies from the Warmińsko-Mazurska Agency of Regional Development S.A. in Olsztyn. Between 2006 and 2009 a few initiatives were created within the cluster, the Mazurian Windows Association (2007) and the company (2009), the members of which were entrepreneurs operating within the cluster. The role of the company is conducting activity that supports the development of the cluster.

Cluster's offer

Members of the cluster are mainly micro, small and medium enterprises. The cluster's offer includes:

- windows and doors (wooden and PCV),
- wood and wooden elements,
- windows shades,
- windowsills,
- windows,
- window binds and mosquito nets,
- veneering,
- fittings and metal elements,
- anti-burglar protection,
- gates and garage drives.



Vertical drill to simultaneous, co-axial performance of holes in guides



PCV profile edge bander

A relevant element of innovativeness is the product design of the cluster, adjusted to new trends and consumer demand. All products of the cluster are produced with the use of the latest technologies.

The cluster is active on the market on a regional, national and international level. With this in mind a joint offer was created to which the best products of cluster members were acquired. These products received names related to the Warmińsko-Mazurski region, Śniardwy, Mamry etc. Companies belonging to the cluster have the possibility of joining to their offer products promoted as The Mazurian Windows Cluster products.

The Mazurian Windows Cluster offers foreign partners cooperation in the following fields of activity:

- exchange of knowledge regarding the principles of cluster's functioning,
- transfer of good practices between clusters,
- joint share in the international projects with the aim of increasing the level of effectiveness of the cluster,
- creating consortia consisting of cluster members e.g. with the aim of participating in EU public procurement,
- arrangements of B2B meetings between potential trade partners which are cluster members.

The cluster is seeking partners in order to broaden the distribution channels and search for recipients of cluster products abroad. The cluster would like to initiate cooperation having as its aim the creation of joint innovation in the area of wood joinery (new solutions in window and door production).

Leading entities of the cluster

Name	Address	Activity
JDG Firma Produkcyjno-Handlowo-Uslugowa Dariusz Piotr Gołębowski	ul. Partyzantów 67/10 10-900 Olsztyn www.jdg.olsztyn.pl	production, trade (PCV joinery, aluminum joinery, facades), servicing (windows and doors)
PPHU „DABI” Usługi Ogólnobudowlane-Remontowe	ul. Obwodowa 6 11 – 500 Giżycko www.dabi.net.pl	production, trade (PCV windows) trade services (after warranty, windows and doors servicing and assembly)
Fabryka Okien KONAL Sp. z o.o.	ul. Jeleńska 56 13-230 Lidzbark Welski http://www.konal.pl	production trade (PCV windows, aluminum windows, wooden doors, aluminum doors, internal and external doors, PCV doors, external windows blinds, garage doors, textile window blinds, vertical shutters, horizontal shutters, wooden shutters, windowsills, mosquito nets), services (assembly services, window and doors servicing, after warranty services)
Budomex Puza Sp.j.	ul. Ekonomiczna 15 19-500 Gołdap www.budomex.pl	production, trade, services (winter gardens, facades mosquito nets, windowsills, vertical shutters, horizontal shutters, textile shutters,external shutters, PCV doors, aluminum doors, PCV windows)
P.P.H.U. PROMYK Ryszard Kłusowski	ul. Orkana 5 A 10-012 Olsztyn www.promyk.olsztyn.pl	production (construction and furniture glass), glazing services
Przedsiębiorstwo Produkcyjno-Handlowo-Uslugowe „Toraj” S.C.	ul. Olsztyńska 4 12-200 Pisz http://oknatoraj.pl	production (garage gates, PCV doors, aluminum doors, PCV windows), trade, assembly services
Firma Handlowo- Usługowa Jacek Nowicki	Kownatki 9/4 13-124 Kozłowo www.nowicki.olsztyn.pl	production trade (windows and doors servicing, assembly services, winter gardens, facades, mosquito nets, windowsills, wooden shutters, vertical shutters, horizontal shutters, textile window blinds, garage doors, external shutters, steel external doors, aluminum doors, wooden windows PCV windows)
Przedsiębiorstwo Produkcyjno-Uslugowe „Plastimet” Sp. z o.o.	ul. Zientary-Malewskiej 65 10-310 Olsztyn www.ardatel.pl	production, trade, services (PCV windows and doors production as well as aluminum metal joinery and anti-fire joinery)
Uniwersytet Warmińsko-Mazurski w Olsztynie	ul. Oczapowskiego 2 10-719 Olsztyn http://www.uwm.edu.pl/	education services
Warmińsko-Mazurska Izba Rzemiosła i Przedsiębiorczości	ul. Prosta 38 10-029 Olsztyn www.izbarzem.olsztyn.pl	business support institution
Warmińsko-Mazurska Agencja Rozwoju Regionalnego	Pl. Gen. Józefa Bema 3 10-516 Olsztyn www.wmarr.olsztyn.pl	business support institution

Contact details of the coordinating entity:

Coordinating entity	Biuro Klastra Mazurskie Okna działające przy Warmińsko-Mazurskiej Izbie Rzemiosła i Przedsiębiorczości [Office of the The Mazurian Windows Cluster operating by the Warmińsko-Mazurska Chamber of Crafts and Entrepreneurship]
Contact	ul. Zientary Malewskiej 65, 10-310 Olsztyn +48 89 526 03 48 biuro@mazurskieokna.pl
Internet website	www.mazurskieokna.pl (PL, EN, DE, RU)

SpediGo Polish Group Cluster



The SpediGo Polish Group Cluster (Klaster Spedigo Polish Group) is a joint undertaking of the entrepreneurs representing the transport sector, business support institutions and a research and development unit. It is a supraregional network of cooperative links encompassing enterprises mainly from the Mazowieckie, Łódzkie and Podkarpackie Voivodeships.

Cluster's offer

The task of SpediGo Polish Group is to support and integrate the SME enterprises operating on the transport market and the R&D sector by employing the „coopetition” model, which joins competition and cooperation. The cluster has at its disposal 70 cars ranging from 1,5 t to 24 tons of loading capacity. Transporting companies operating in the cluster offer transportation services in the entire Europe. Their implantation includes:

- express car transport of up to 1,5 t load capacity from the entire Europe to Poland,
- transport in controlled temperature with cooler and isothermal semi-trailers
- transport to non-protected ADR materials,

The cluster organizes professional practices for students of the Technical School number 7 from Warsaw. Therefore it has a direct influence over the development of awareness of young specialists going over to the Transport-Forwarding Logistics market (TFL). Radom University of Technology - member of the cluster - supports continually the entire undertaking.

To its partners the cluster offers:

- the possibility to organize all types of transport in the entire Europe,
- comprehensive knowledge and experience in the logistics sector in Poland and Europe,
- contacts with R&D institutions and experts in logistics,
- business support services, including legal, linguistic and organizational aid in Poland,
- big transportation car fleet with different load capacity.

The cluster looks for partners from the logistics sector interested in stable cooperation, which will allow for full use of the potential knowledge and experience of the cluster in the logistics sector in Poland and Europe. The cluster is also open for cooperation with other companies from different sectors of the economy, which were interested in using transportation services.





Pictures of cars belonging to cluster members

Leading entities of the cluster

Name	Address	Activity
Ekspres Marcin Lisiak	ul. Hermanowska 34 95-200 Pabianice	transport services
F.H.U. "Q-SERVICE" Łukasz Kuraś	ul. Skalna Góra 15/16 39-400 Tarnobrzeg	transport services
Hartleb Transport Hartleb Agnieszka	ul. Zeusa 49 m.9 01-497 Warszawa	transport services
Sawa Logistics Sp. z o.o.	ul. Annapol 3 pok. 329/330 03-236 Warszawa www.sawalogistics.pl	international and national
Towarowy Transport Drogowy Henryk Kossakowski	ul. Poniatowskiego 9 05-307 Dobrze	transport services
Usługi Transportowe Grzegorz Welenc	ul. Ks. Romualda Jaworskiego 10 m. 12 09-100 Płońsk	transport services
Trans-Mar Mirosław Dadacz	ul. Belgradzka 18/18 02-793 Warszawa	transport services
FHU Jolmar Bużek Zbigniew	ul. Stażystów 39/63 43-300 Bielsko Biała	transport services
UT Dariusz Bieliński	ul. Czerwonego Krzyża 15/20 06-110 Siedlce	transport services
Technikum nr 7	ul. Szczęśliwicka 56 02-353 Warszawa www.swysocki.edu.pl	high school (educational activity, professional training)
Politechnika Radomska im. Kazimierza Pułaskiego	ul. Malczewskiego 29 26-600 Radom www.pr.radom.pl	activity, R&D)

Contact details of the coordinating entity:

Coordinating entity	Sawa Logistics Sp. z o.o.
Contacty	Annapol 3, pok.330, 03-236 Warszawa +48 22 614 40 90 / +48 606 330 199 kontakt@spedigo.pl
Internet website	www.spedigo.pl

ELBLĄG TOURIST CLUSTER



ELBLĄG TOURIST CLUSTER (Elbląski Klaster Turystyczny) groups 41 members. The cluster members, companies, agro-tourist undertakings, specialized managers of the overnight accommodation base, tour operators, as well as other entities performing services related to the tourist industry, operating in related sectors and institutions related with them.

Cluster's offer

The cluster deals with creating and popularizing the vision of the city of Elbląg and the region as a tourist attractive region by creating original tourist products such as:

- business tourism,
- tourism in cities and culture oriented tourism,
- tourism in rural areas,
- recreational tourism, active and specialist,
- cross-border and transit tourism.

Cluster members prepared trip plans for individual tourists and tourist groups allowing to discover values of the city and its surroundings, including the following tourist products:

- bicycle trip on the following trail: Elbląg – Przemark – Komorowo Żuławskie – Wężzina – Dłużyna – Jelonki – Pochylnia Jelenie – Jelonki – Marwica – Stankowo – Nowe Dolno – Dzierzgonka – Balewo – Jezioro – Żurawiec – Tropy Elbląskie – Raczki Elbląskie – Elbląg



Photo of the slipway on the Elbląg channel in Buczyniec

The main attraction of the trip is the visit to one of the five slipways in the Elbląg-Jelenie channel. It is a really unique facility on European and World scale and one of the seven wonders of Poland. In the Jelonki village the historical village houses are certainly worth visiting. Another place worth visiting is Marwica with its XIX century palace of Walter



Photo by Mateusz Milanowski and Piotr Szulc

Elbląg Old Town

Krieg. It is also mandatory to visit the lowest place in Poland (-1,8 m below seal level), i.e. Raczki Elbląskie.

- Canoeing photo safari on the Pochylnia Całuny (Slipway)- Elbląg trail.

The bus drive to the Pochylnia Całuny (Slipway), canoeing through the Družno lake and the Elbląg river - mock-hunting for birds near the Družno lake - reaching the Zygmunt August Boulevard in Elbląg.

The Elbląg channel thanks to its system of 5 slipways makes it possible for ships to cover the difference of over 100 meters. The ship covers the hills thanks to the slipways and locks. It is the only monument of technology of this scale. Pochylnia Całuny (Slipway) is the fifth, and last slipway of the Elbląg Channel, located on the 46th km in the Jelonki village. Jelonki.

- Dinning with the Vikings

One of the biggest archeological sensations of the XX century was the discovery by an Elbląg archeologist Marek Jagodziński the „Troy of the north”, a legendary meeting place of the European Trusco cultures. The settlement was located close to the today's Elbląg on the eastern coast of the Družno lake. It was one of the most important far reaching trade centers on these lands.

Ecofarm „Vitalis” farm in the Zastawno village located in a picturesque way on the Elbląg high land area in the surroundings of woods, on a ecologically pristine area. It is an ideal place to organize open air events for companies.

- Bus tour: Following the Mennonites – Pętla Żuławska on the trail: Nowy Dwór Gdański – Żyłańskie Museum, Malborskie Stogi - former Mennonite commentary

Attractions include: Szaleniec – Mennonite cemetery and a historic village house from 1799, Stalewo – historic village house from 1751. Fiszewo – ruins of a church from 1380, evangelical and Mennonite cemetery from XVIII century., Raczek Elbląskie – geographically lowest place in Poland, Elbląg – visiting the old town, Lake – neo-gothic Mennonite chapel, Mennonite cemetery, Buczyniec – Elbląg channel slipway

- Bus tour - Frombork and Pieniężno on the Kadyny - Frombork trail

Walk on the beautifully preserved Keiser's village with a palace of Keiser Wilhelm II. Kadyny is a unique place not only because of the rich past but also because of the particular landscape. Old trails lead to a forest covered highland, with rewarding views over the Zalew and Mierzeja Wiślana (lagoon and sand bar of the Vistula river). In Kadyny we can find

the one thousand year old Oak Tree of Jan Bażyński – one of the oldest natural monuments in Poland which is 10 meters in diameter and 25 meters tall.

Frombork a city and fishing port over Zalew Wiślany (Vistula Lagoon), old seat of the Warmińska diocese (Since XIII century). Its fame is due to, first of all, Nicolas Copernicus, who was related to the city by his life and work.

- Trip near the Drużno Lake.

Nature Reserve of the Drużno Lake is one of the most beautiful bird reserves in Poland. The lake is located in the territory of the Elbląg Channel. It is a unique place in Europe – a habitat of water birds, covers an area of around 3300 km². On the Drużno Lake one can observe 210 species of water and mud birds with 110 founding their permanent habitat in here. One can encounter black-headed seagull, terns, grebes, cranes, ducks as well as sea eagle. It is also possible to enjoy a 1,5 km walk from the sightseeing tower in Żółwiniec with two platforms it is a perfect place for bird watching.

The cluster is interested in cooperation which will enable it to promote tourist products abroad. Looking for partners - companies, clusters, institutions operating in the tourist sector, eager to take part in exchange of experiences.

Leading entities of the cluster

Name	Address	Activity
Biuro Turystyczne TURYSTA	ul. Huzarska 15a 82-300 Elbląg www.turysta.elblag.pl	tourist services - organization of foreign and national trips, traveling by air and by bus.
Arbiter Hotel Sp. z o.o.	Plac Słowiański 2 82-300 Elbląg www.arbiterhotel.pl	hotel and gastronomy services (hotel, restaurant, conference center), recreation (hairdressing parlor, biological renewal)
Agroturystyka ze strachem polnym	Jagodnik 19 82-316 Milejewo www.strachpolny.pl	agro-tourist services (agro-tourism, renting rooms, ecological farm, recreation (fishing, bicycles, mushroom picking))
Ekofarma Vitalis	Zastawno 37 14-420 Młynary www.agroturystyka.vitalis.elblag.pl	hotel services (ecological farm, renting rooms), recreation (mini zoo, paintball, horse riding)
Bohdan Majer	ul. Sadowa 54B 82-300 Elbląg bohdanmajer@turysta.elblag.pl	translator of the Ukrainian language, tourist guide
HOTEL SPA Srebrny Dzwon	Kadyny 31 82-340 Tolkmicko www.srebrnydzwon.pl	hotel and gastronomy services (hotel, restaurant, conference center), SPA
PTTK Oddział Ziemi Elbląskiej	ul. Krótka 5 82-300 Elbląg www.pttk.elblag.com.pl	business support institution (tourism promotion)

Contact details of the coordinating entity:

Coordinating entity	Stowarzyszenie Elbląski Klaster Turystyczny [Elbląg Tourist Cluster Association]
Contact	ul. Agrykola 8, 82-300 Elbląg Ewa Gadomska +48502769942 (EN) / Hanna Skrobotun (PL) +48506140176 kontakt@elblaskaturystyka.pl
Internet website	www.klaster-elblaskaturystyka.pl (PL, EN)

Tourism Cluster e-KOLOT "Land of Milk and Honey"



Tourism Cluster e-KOLOT "Land of Milk and Honey" (Klaster Turystyczny „Kraina mlekiem i miodem płynąca”) brings together entities from the territory of the Kluczborski and Oleski Poviats in the Opolskie Voivodeship. That region is characterized by a big potential for development of agro-tourism as well as ecology-oriented manufacturing, consumption and education that is conducive to a healthy life style. The cluster brought together entrepreneurs, self-government entities from the kluczborski and oleski poviats Opole University and the Opole Science and Technology Park.

Cluster's offer

The cluster member's offer includes:

- active leisure (including weekend leisure) in agro and eco-tourism farms open the whole year round for different groups in particular for families with children and the elderly.
 - offers including organization of club meetings (business groups) and special events;
 - educational packages for kindergarten children and youths - topical classes organized in particular farms or on the trail of eco-farms as well as „green” offers (summer) and „white” offers (winter) also in a medieval knight's castle-town;
 - educational workshops, including handicraft and courses of sung poetry;
 - classes in regional education including in the beekeeping museum of reverend J. Dzierżoń in the Maciejów bee yard, in a knight's medieval castle-town in Byczyn, „Mirror of the past”;
 - horse riding camp and hypotherapy, garden-therapy, possibility to use apiinhalers”;
 - rallies -including family rallies, bicycles/horses - using the „Mirror to the past” or „Wooden Churches” trails;
 - open air events for artists and sportsmen (Byczyna-Old-boy footballer's meeting);
 - international meeting of generations (from Poland, Czech republic, Germany, Ukraine);
 - aid in preparing and a comprehensive implementation of family special events - baptizing, communion, weddings, jubilees (for different age groups) and business groups;
 - specially prepared programs for individual guests according to their recommendations with an accompanying guide;
 - organization of cultural events (concerts, meetings, picnics) in an original scenery of the Kluczbork-Oleski region;
 - offers to individuals and groups of tourists in Polish, Russian, Ukrainian, German, French and English by a guide or tour guide
 - personal transport on national and foreign railway lines;
 - products of local entrepreneurs in the beekeeping, milk and sugar sectors;
- „Mirror to the future” tourist product certified by POT -product directed towards the lovers of cultural tourism that makes it possible to see interesting places, visiting unique buildings, historical sites, learn about local culture, traditions and customs. It is also a flagship product of the cluster. The offer includes such products as:
- “Past and Present” the aim of which is the cultivation of traditions and customs related to weddings. The idea behind it is to stage events presenting traditions by local inhabitants that would interest tourists.
 - “Trail of dying skills” is a trail connection of places known by the skills that slowly die out as they are not appreciated in everyday life and which constitute attraction for tourists.



e-KOLOT on the tourist fair „Towards the sun”, Opole, 2011



Virtualization of a satisfying sojourn in the Kluczborsko-Oleski region – an area of service providers belonging to the e-KOLOT cluster

The trail includes also the chocianowiska forge, forge and bakery in Kuniów, bee yard in Maciejów, farms dealing with folk handicraft, „Painted by the needle” in Ligota Górna.

• „Trail of Wooden Churches” is a tourist route linking sacral wooden architecture objects existing on the territory of the Kluczbork and Olesie, which constitute one of the region’s biggest attractions.

The cluster is interested in an exchange of experiences in the cope of building an offer of a tourist cluster, managing this type of link and activating members as well as running promotional activity outside the country’s border.

Leading entities of the cluster

Name	Address	Activity
Gospodarstwo Agroturystyczne Witold Stodoła	Bogdańczowice 21 46-233 Bąków http://agrosto.like.pl/	agro-tourist services
Restauracja i Hotel „Alexandra” Emilia Sklorz	Wielkie Przedmieście 35 46-300 Olesno www.alexandra-hotel.net	gastronomy and hotel services
Kluczborsko-Oleska Lokalna Organizacja Turystyczna	ul. Katowicka 1 46-200 Kluczbork www.kolot.pl	activities promoting the development of tourism
Okręgowa Spółdzielnia Mleczarska w Oleśnie	ul. Dworcowa 20 46-250 Wołczyn www.osm.interka.pl	production and trade of diary products
Agencja Mawex sj. Maria Śmigielska	Narok, ul. Wiejska 11 49-120 Dąbrowa www.agencjamawex.com	training and consulting services

Contact details of the coordinating entity:

Coordinating entity	Kluczborsko-Oleska Lokalna Organizacja Turystyczna [Kluczborsko-Oleska Local Tourist Organization]
Contact	ul. Katowicka 1, 46-200 Kluczbork +48 603 404 530 / +48 77 418 52 18 wew. 154 kolot@e-kolot.pl
Internet website	www.e-kolot.pl (PL, DE)

Supraśl SPA Cluster



The Supraśl SPA (Uzdrowisko Supraśl) along with the surrounding municipalities create a coherent complex located in the Knyszyńska forest, one of the most beautiful forests in Poland. The cluster in its activities focuses on creating the image of the Knyszyńska Forest as an area with significant tourist value and a SPA that owes its favorable location to the climate and whortleberry. Apart from the wonderful nature the Forest features unforgettable cultural vales as well as historical sites. The place has a vast potential for the development of tourism and recreation. The cluster has thirty members.

Cluster's offer

The main aim of the cluster is to increase the number of tourists visiting the Podlaskie Voivodeship by coordinating promotional activities, creating new tourist products and organizing training that deals with tourism.

The cluster member's offer includes:

- Health related services. Supraśl was a health resort already before the II world war. The discovered whortleberry deposits are an additional healing capacity and are described as one of the best deposits in Poland. From the medical point of view the sojourn in Supraśl is especially beneficial to people after surgery and recovering from ailments, suffering from rheumatism, heart and respiratory problems. The offer of the Supraśl SPA is directed also to persons struggling with obesity.
- Sport and recreation. The offer is filled with services dealing with sports and recreation. The forest creates a naturally conducive conditions for walking, horse riding, cycling, canoeing, and ski-running. The offer also includes golf courses, sport stadiums and natural baths. The scope of sport and recreation services fulfill the sojourn



Supraśl – aerial view



Lipowy Most hotel



A photo from the visit of prince Charles in a Tatar Jurta in Kruszyniany

packages, they can also constitute an independent offer for amateurs of different sports.

- The Internet website, which constitutes the source of information exchange for cluster members also constitutes an information sources for tourists.
- The multi cultural adventure which features entities focused in the cluster offer products related to traditions of the following nations: Lithuanian, Belarusian, Tatar, German, Gypsy, and Polish. The offer includes cultural trails, and typical villages presenting specific national cuisine, customs and traditions.

In cooperation with foreign partners the cluster sees the opportunity to promote a health-centered offer. The cluster also hopes to initiate a long-term relation with enterprises and clusters from the sanitation-health sector, thus allowing to exchange experiences and implement joint projects.

Leading entities of the cluster

Name	Address	Activity
Powiatowy Ośrodek Sportu i Rekreacji „BUKOWISKO”	ul. Piłsudskiego 64 16-030 Supraśl www.bukowisko.com.pl	overnight accommodation services (hostel), recreation services
Centrum Konferencyjno-Bankietowe „Knieja”	Al. Niepodległości 6 16-030 Supraśl www.knieja.halgen.com.pl	gastronomy and hotel services
Ośrodek Wczasowo-Rehabilitacyjny „Sosenka”	Sochonie 49/6 16-010 Wasilków www.pensjonatsosenka.pl	recreation and rehabilitation services
Golf Park Lipowy Most	Lipowy Most 16-030 Supraśl www.lipowymost.pl	recreation services (golf, SPA & wellness), gastronomy services (recruitment, organization of occasional events and conferences)
„Stanica Kresowa”	Poczopek 9 16-113 Szudziałowo woj. Podlaskie www.Stanicakresowa.pl	hotel services, gastronomy (32 beds) recreation services (horse riding, organizing occasional events)
„Przysmaki Tatarskie”	16-030 Supraśl, ul. Cieliczańska 1 www.przysmakitatarskie.pl	gastronomy services (restaurant)
„Tatarska JURTA”	Kruszyniany 58 16-120 Krynki www.kruszyniany.pl	Hotel services, (agro-tourist farm) recreation services (organization of occasional events), services gastronomy (restaurant)
„Dermestetica” Gabinet Chorób Skóry i Dermatologii Estetycznej	ul. Sienkiewicza 26/4 15-092 Białystok www.dermestetica.com.pl	beauty parlor

Contact details of the coordinating entity:

Coordinating entity	Fundacja Uzdrawisko Supraśl [Supraśl SPA Foundation]
Contact	ul. Piłsudskiego 64, 16-030 Supraśl +48 608 040 903 fundacja@uzdrawiskosuprasl.pl
Internet website	www.uzdrawiskosuprasl.pl

Silesian Water Cluster



The initiator of the creation of the **Silesian Water Cluster** (Śląski Klaster Wodny) was the Górnośląskie Przedsiębiorstwo Wodociągów SA in Katowice (a utility company). The cluster groups enterprises from the water and sewage management sectors, local entities of the Śląskie Voivodeship, institutes of higher education and companies related to the water and sewage sector. The mission of the cluster is to take care of the natural environment by rational use of water resources to protect them in good condition for future generations.

The main aims of the Silesian Water Cluster are the protection and rationalization of the water resources, increase of reliability and safety in functioning of the water supply in the region as well as implementation of a balanced sewage management to ensure the protection of water and land eco-systems.

Cluster's offer

Technological specialization, especially of water and sewage enterprises belonging to the cluster, is based on performing services related to:

- implementing innovative solutions serving environmental protection, especially with regard to process technologies of water conditioning and sewage treatment,
- investment management - performing comprehensive services in construction investments,
- mechanical-electrical works, electrical installations internal and external, servicing and repairs of pump components, servicing mechanical equipment,
- repairs and legalization of water meters
- techniques of regeneration of activated carbon,

- renovation of water and sewage pipelines including: Process Phoenix™, U-Liner™, Omega-Liner™, Rib-Loc™, cementing, relining,
- utilization of sewage sediments,
- physical-chemical research, microbiological water and sewage examination.

Offer of the cluster members includes also the use of the support of institutes of higher education and research centers in research and training possibilities.

Products offered by cluster companies include:

- water meters: single jet, multi jet, industrial Woltmani, volume meters and most modern HYDRUS ultrasound water meters, also water meters with big nominal diameter and meters produced on special order. Almost all water meters are equipped with an interface used to automatic



Goczałkowicki Reservoir



Wydział Badania Wody GPW S.A., accredited laboratory

reading (AMR) - via radio or network M- Bus according to the „Open Metering” standard;

- products related to the following solutions: IT for industry, steering, servo motors, robotics, industrial communication;
- data transmission network, designing industrial automation system, control-measurement devices assembly and tele-transmission, expertise dealing with environmental engineering;
- products related to the use of nano-technology with the hygienization processes, cleaning, degreasing and impregnation of usable surfaces

Silesian Water Cluster would like to initiate cooperation that would allow it to create new markets for products and services offered by cluster members. The cluster is also hoping to jointly prepare innovative concepts, exchange of experiences in the scope of implementing innovative technologies in the water and sewage sectors and participate in joint international projects.

Leading entities of the cluster

Name	Address	Activity
Urząd Marszałkowski Województwa Śląskiego	ul. Ligonja 46 40-037 Katowice www.slaskie.pl	self-government unit
Regionalna Izba Gospodarcza w Katowicach	ul. Opolska 15 40-084 Katowice www.rig.katowice.pl	business support institution
Górnośląskie Przedsiębiorstwo Wodociągów S.A.	ul. Wojewódzka 19 40-026 Katowice www.gpw.katowice.pl	water and sewage management (intake treatment, storage, distribution and sales of drinking water to citizens of the Śląskie Voivodeship, repair and authorization of water meters, restoring sorption capacity of activated carbons, physico-chemical and bacteriological water analysis, chemical emergency response team, investment trust funds services, pump and submersible engine maintenance)
Katowickie Wodociągi S.A.	ul. Obrońców Westerplatte 89 44-335 Katowice – Szopienice www.wodociagi.katowice.pl	water and sewage management (providing water and sewage disposal, issuing technical restrictions, commissioning of water and sewage pipes, commissioning of water and sewage systems, dealing with malfunctions, analysis of water and sewage repair and authorization of water meters, designing water and sewage systems)
Przedsiębiorstwo Wodociągów i Kanalizacji Sp. z o.o.	ul. Powstańców 13 41-300 Dąbrowa Górnicza www.pwik-dabrowa.pl	water and sewage management (renting equipment and means of transport e.g. drinking water road tankers, laboratory analysis of drinking water, underground and surface water, sewage and sewage sediments, rain water, pipeline and pipeline junction construction, diagnosis of water pipelines removing malfunctions)
Uniwersytet Śląski	ul. Bankowa 12 40-007 Katowice www.us.edu.pl	research institute (education, research and development).

Contact details of the coordinating entity:

Coordinating entity	Górnośląskie Przedsiębiorstwo Wodociągów S.A. w Katowicach [Upper Silesia Water Pipeine Enterprise S.A in Katowice]
Contact	ul. Wojewódzka 19, 40-026 Katowice +48 32 603 86 61 office@klasterwodny.pl
Internet website	www.klasterwodny.pl

Polish Agency for Enterprise Development (PARP) is a government agency reporting to the Minister of Economy. The Agency was created by virtue of an act dated November 9th, 2000. The task of the Agency is to manage the state and EU funds devoted to the support of entrepreneurship and innovativeness as well as the development of human resources.

For over a decade PARP has been supporting entrepreneurs in the implementation of competitive and innovative undertakings. The goal of the Agency's actions is the implementation of economy development programs that support innovativeness and research activity of small and medium enterprises (SMEs), regional development, increase of export, development of export, human resources and application of new technologies.

The Mission of PARP is the creation of favorable conditions for a balanced development of the Polish economy, supporting innovativeness and international activity of enterprises and promotion of environmentally-friendly forms of production and consumption.

In the 2007-2013 financial perspective the Agency is responsible for the implementation of activities within three operational programs: **Innovative Economy, Human Capital** and **Development of Eastern Poland**.

One of the priorities of the Agency is the promotion of innovative attitudes and encouraging enterprises to apply modern technologies in their companies. With this in mind, the Polish Agency for Enterprise Development runs a website devoted to the topic of innovativeness www.pi.gov.pl and organizes annually the competition **The Polish Product of the Future**. Representatives of SMEs can also, within the **Innovative Entrepreneurs' Club**, participate in cyclical meetings. The aim of the educational portal **PARP Academy** (www.akademiaparp.gov.pl) is popularizing among micro, small and medium sized enterprises the access to business knowledge in the form of e-learning. Through the web.gov.pl website PARP is supporting the development of e-business. The Agency includes also the center of the **Enterprise Europe Network** which offers the entrepreneurs information regarding EU law and principles of running economic activity in the Single Market.

PARP initiated the creation of the **National Services System (KSU)** which provides aid in establishing and developing economic activity. In over 140 KSU centers (including KSU consultation points, KSU National Innovation Network, loan funds and loan guarantee funds cooperating within the National Services System) in the territory of the entire Poland entrepreneurs and persons initiating economic activity can obtain information, guidance and training regarding running business activity as well as obtain a loan or co-signing for a loan. PARP manages also the KSU center website www.ksu.parp.gov.pl. PARP's regional partners in implementing the selected activities are the **Regional Financing Institutions**.

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