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EU and Ukrainian Cluster Participants Booklet

EU-Ukraine Cluster Policy Learning and Matchmaking Event 2018: Kyiv, Ukraine

In the fields of Information Technology, Agro/Food, Eco-energy and Building and Construction, Transport and Logistics and Textile



27-28 March 2018

iHub: Khreschatyk St, 10, Kyiv, Ukraine, 01001

Matchmaking event promoting EU-Ukraine cluster-to-cluster partnerships.

Organised by DG Internal Market, Industry, Entrepreneurship and SMEs (DG Grow) of the European Commission and financed under the COSME Programme.

Facilitated by PwC in collaboration with the European Cluster Collaboration Platform.



**European
Commission**

CONTEXT

The EU-Ukraine Cluster Policy Learning and Matchmaking Event is set up to support clusters as internationalisation support organisations for research institutions and companies, notably SMEs, in their mission to open up new markets, to collaborate on cross-sectorial level and provide first relevant contacts to their members.

As part of an approach aimed at **promoting international cluster cooperation for the benefit of SMEs**, the Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs of the European Commission (DG GROW) is continuing its support to international and cross-sectorial cluster cooperation through the European Cluster Collaboration Platform, including by organising specific cluster matchmaking events. These activities are carried out to support efforts of cluster organisations in developing partnerships and business cooperation in European and global markets, for the benefit of their members. The current activities are funded under the **EU COSME Programme**.

The European Cluster Collaboration Platform provides a visible framework for cluster collaboration and for subsequent events. The ECCP is the cornerstone of the European strategy in support of SME internationalisation through clusters. It provides a wide range of information and services to facilitate the interaction between clusters, not only within Europe but also with international partners.



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IN THE CONTEXT OF THE EU-UKRAINE HIGH LEVEL INDUSTRIAL DIALOGUE



EU-UKRAINE

CLUSTER POLICY LEARNING AND MATCHMAKING EVENT

27-28 MARCH 2018 | KIEV, UKRAINE



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Site visits

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SPEAKERS

Minister Stepan Kubiv

Stepan Kubiv is the **First Vice Prime Minister of Ukraine** and **Minister of Economic Development and Trade**.

In the Cabinet of Ministers of Ukraine since April, 14 2016 Stepan Kubiv is responsible for macroeconomic stabilization and economic reforms. He oversees the work of Ministry of Economic Development and Trade, Ministry of Finance, Ministry of Agrarian Policy and Food. As a First Vice Prime Minister, Stepan Kubiv is also responsible for Government's relations with the Parliament.

He majored in mathematics (1984) and finance (2002). Mr Kubiv also holds a PhD. in Economics (2006).

Before starting his political career in 2012, Stepan Kubiv was one of the most successful top managers in Ukrainian banking sector. He served as a Chairman of "KredoBank" (owned by Polish capital) for 8 years. During his governance, a little local bank became an all-Ukrainian financial institution.

Later on, Stepan Kubiv became a People's Deputy of Verkhovna Rada (2012-2014), a Head of the National Bank of Ukraine and a member of Council on National Security and Defense of Ukraine (Feb-June 2014), a President's representative in the Parliament of Ukraine (2015-2016)

During the Revolution of Dignity (2014 Ukrainian Revolution), Stepan Kubiv acted as a commandant of key buildings, seized by anti-government protesters.



Elżbieta Bieńkowska

Elżbieta Bieńkowska is **European Commissioner for Internal Market, Industry, Entrepreneurship and SMEs**

Elżbieta Bieńkowska is a Polish politician who served as Poland's Deputy Prime Minister and Minister of Regional Development and Transport before being nominated as European Commissioner by Jean-Claude Juncker in 2014. Since 2015, she has also been chairing the European Commission's High-level Group of Personalities on Defence Research.

Elżbieta Bieńkowska graduated from Jagiellonian University with a Master's degree in Oriental Philology in 1989. She has also received a post-graduate Diploma from the Polish National School of Public Administration and afterwards a postgraduate studies MBA from Warsaw School of Economics

In the government of Prime Minister Donald Tusk, she was in charge of allocating European Union funding and of the Poland's transport infrastructure. Under her leadership, the ministry was Poland's second-largest department after the ministry of finance, with 1,600 employees and nine deputy ministers.

As the incumbent European Commissioner for Internal Market, Industry, Entrepreneurship and SMEs, she is responsible for renewing the strategy for completing the single market for goods and services, including extending the list of products to be recognised in all EU countries and eliminating remaining obstacles. She also has to maintain and reinforce a strong and high-performing industrial base for the EU internal market, by stimulating investment in new technologies, improving the business environment and easing access to markets and to finance.





Slawomir Tokarski

Mr Slawomir Tokarski is **Director of Innovation and Advanced Manufacturing at Directorate General Internal Market, Industry, Entrepreneurship and SMEs (DG GROW)**, European Commission.

Slawomir Tokarski obtained PhD degree at the European University Institute in Florence in 1995.

He joined the Polish administration and headed a team co-ordinating the preparations for the accession negotiations and preparing policy analysis for the Chief Negotiator.

In 2004 he joined the Commission as a Cabinet member of the Commissioner responsible for the regional policy. In 2009 he was nominated Head of Unit dealing with economic policy and co-ordination of EU funding in DG MARE.

In March 2012 he became Head of Defence, Aeronautics and Maritime industries in DG Enterprise. Since February 2016 Mr Tokarski became a Director, Dir F "Innovation and Advanced manufacturing" (DG GROW).





Giedrius Bagusinskas

Mr Giedrius Bagusinskas is a Founder and Executive Director of **Lithuania food exporters association (LitMEA)** and **Cluster Coordinator of Lithuanian SMART food** cluster since 2011.

In his main position as Cluster Coordinator and Facilitator, he is responsible for cluster planning activities and implementation, initiation and development of Healthy and Functional Food Platform in Eastern Europe together with partners from Latvia, Poland and Ukraine. While being a Founder of Lithuanian food exporters association (LitMEA), he aims to stimulate collaboration with Lithuanian institutions which are responsible for food industry, broaden cooperation process in different markets and create common marketing tools to spread information about association members.

Lithuanian Food Exporters Association (LitMEA) unites food industry companies representing different industrial sectors. They do not compete directly in the local and foreign markets and see possibilities to cooperate and trust each other. The mission of the Association is to help companies from Lithuanian Food Exporters Association to increase competitiveness in foreign markets by uniting the capabilities, expertise and contacts.

Cluster: Lithuanian food exporters association (LitMEA)/SMART food cluster

Country: Lithuania

Contacts: info@litmea.lt, <https://www.litmea.lt>





Péter Keller

Mr Péter Keller is **Head of International and Cluster Unit at the Ministry for National Economy of Hungary.**

Mr Péter Keller started his career at the SME Development Department of the Ministry of Economy and Transport in 2002. He played a very active role in planning the SME Development priority of the I. National Development Plan 2004-2006 (NDP). After 2006 as the head of the Economic Development Planning Unit he coordinated the planning process of the Economic Development Operational Programme 2007-2013 in the framework of the II. NDP.

Between 2010 and 2011 he worked as a government adviser at the Ministry of Public Administration and Justice. He was responsible for cohesion policy especially related to Structural Funds.

On 1 January 2012 he joined MAG–Hungarian Economic Development Centre, where he was leading the Cluster Development Office. From April 2014, the Ministry for National Economy took over most tasks, including cluster development related tasks from MAG. The tasks of the previous MAG – Cluster Development Office is performed by the International and Cluster Development Unit in the Ministry for National Economy. Now Peter Keller is leading the International and Cluster Development Unit.





Katarzyna Kuza

Mrs Katarzyna Kuza is a **Chief Expert of Innovation Department at the Ministry of Entrepreneurship and Technology of Poland.**

Mrs Kuza is an expert in cluster policy and international innovation cooperation. She has been a civil servant for almost 20 years and has a diplomatic experience in commercial services of Embassies of Poland in Belgium, Luxembourg and France. Her expertise includes the EU innovation and cluster policy, international negotiations and cooperation among the COSME and Horizon 2020 programmes.

She is graduated of the Institute of Political Science Bordeaux (France) and the College of Europe Bruges/Natolin.





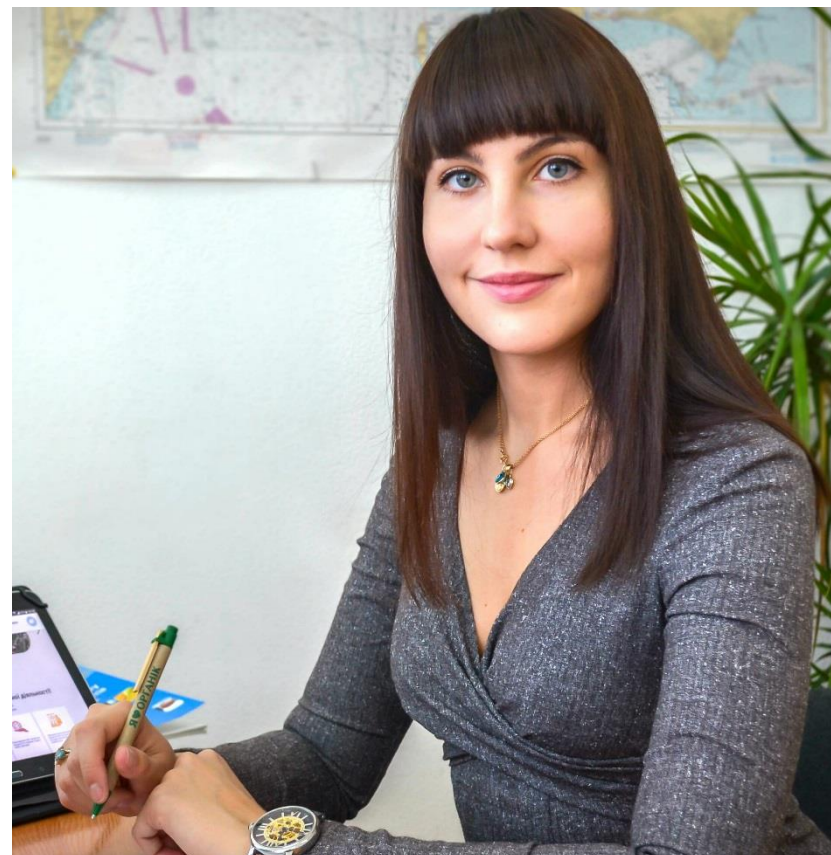
Mariia Makhnovets

Mariia Makhnovets is actively engaged in the cluster community and its development process in Ukraine. Together with her colleagues, she has initiated the Ukrainian Organic Cluster establishment in 2017 and lately joined the **Board of Ukrainian Food Valley**, which is a broader agrifood ecosystem dedicated to unite Agrifood players along the value net chain.

Now she is managing its main communication channel through Facebook called All-Ukrainian Cluster Community and was the co-organiser and moderator of the Cluster Round Table in December 2018. This round table was organised by Reforms Delivery Office together with Innovations Development Council (Cabinet of Ministers of Ukraine) and Ministry of Economic Development and Trade of Ukraine with support of Ukrainian Food Valley and German-Ukrainian Chamber of Commerce.

The theme of the round table was to discuss cluster development perspective in 2018 and to obtain experiences from the European Union. It has gathered more than 20 different cluster representatives from all the Ukraine.

Her vision is to build strong cluster network in Ukraine in order to bring changes to its further National policy development





Marc Pattinson

Marc Pattinson is Managing Director of the consultancy group inno TSD based in Sophia Antipolis in France, which specialises in the preparation of RDI policy analysis, regional development and innovation strategies. He studied in the UK at the London School of Economics where he obtained a Masters in Economics.

He is currently in charge of the animation of the **European Cluster Collaboration Platform on behalf of DG GROW-EASME**. He has hands on experience working for clusters across Europe in numerous fields such as ICT, Water and Health and in cross sectoral fields such as photonics and nano-electronics. He is also an auditor for the ESCA Gold label.

Marc is also part of the DG GROW ReConfirm initiative supporting various Industrial Modernisation interregional partnerships such as MedTechs and the Sports Partnership. He represents the ECCP on DG Regio's S3 Mirror Group and is a thematic expert for Interreg Europe (research and innovation) as part of the Policy Learning Platform.





Gabriela Magdalena Pirvu

Gabriela Magdalena Pirvu is the Co-ordinator of Romanian Cluster Policy at the Directorate Industrial Policy and Competitiveness of the Ministry of Economy of Romania. She is involved in designing and promoting the Romanian Cluster Policy since 2009.

She represents Romania in the Sub-group for Innovation, DG Grow, starting from 2007 and is the project manager for SEENECO, financed in the Competitiveness Innovation Programme (CIP) of European Commission; cluster excellence and cluster management. She is also the project manager of Project ClusterPoliSEE implemented and funded within SEE Programme.

Gabriela Magdalena Pirvu represents Romania in the Coal and Steel Committee (COSCO) of the Research Fund for Steel and Coal of the European Commission for DG for Research and Innovation. She also organises and co-ordinates of activities of the national advising group for Coal and Steel Research.

She represents the Ministry of Economy in the Working Group for Euro-Mediterranean Industrial Co-operation for elaboration of documents for bi- and multilateral industrial co-operation with partner countries in EuroMed, represents the ministry in the Steel Committee of Organisation for Economic Co-operation & Development (OECD), where Romania is full member and she represents the Ministry of Economy in the UNECE Committee on Economic Cooperation and Integration;

In the working groups for elaboration of programmes and documents related to the implementation of European Technological Platforms (ESTEP, EuMAT, MANUFUTURE) she represents Romania and she is active in the design and coordination of bi- and multilateral programmes resulting from the agreements with international and European bodies or as a result of Joint Commissions for technical-economical cooperation.



Nicolas Perrin

Since September 2014, Mr Nicolas Perrin is an **Advisor for agricultural affairs at the Embassy of France in Ukraine**, being responsible for Ukraine, Moldova, Georgia and Azerbaijan.

Mr Perrin was a Former Head of unit for Fruit and Vegetables, Horticulture and industrial Crop Production at the Directorate General of Economic and Environmental Performance of Enterprises at the French Ministry of Agriculture and Food between 2009 and 2014. Nicholas Perrin also served as agricultural attaché for Poland and the Baltic States between 2004 and 2009.





Lyudmyla Shyyko

Dr Lyudmyla Shyyko is a **Managing Director of Precarpathian eco-energy cluster** in Ivano-Frankivsk Region of Ukraine.

Lyudmyla previously worked as Director of organisational and legal support in Science Park "Precarpathian University" and as Programme manager in Incubator for startups "1991 Open Data Incubator in Ivano-Frankivsk".

She also participated as an expert in international project "Ukrainian clusters of RES as an effective tool for cooperation between SMEs" supported by Ministry of Foreign Affairs of Poland. Lyudmyla was as a participant in various international projects, including "Student with initiative: vector of energy-saving" co-financed by European Community in the light of the Cross-Border Cooperation Program Poland-Belarus-Ukraine 2007-2013 and "Nanomaterials in Energy Generation and Accumulation Devices" in Center for Research and Education in Science and technology supported by the U.S. Civilian Research and Development Foundation (CRDF/USAID).

Cluster: Precarpathian eco-energy cluster

Country: Ukraine

Contacts: <https://peec.org.ua/>, peec.org.ua@gmail.com





Michał Pukacz

Michał Pukacz is Coordinator and Executive Board member of **The Polish Research and Development Cluster of the Internet of Things (IoT)**, IoT expert and evangelist, Smart City Advisor.

On behalf of the Lublin Science and Technology Park, he manages the Impact Connected Car project worth 5 million euros focusing on innovation in the automotive industry.

Mr Michał Pukacz is startup enthusiast, dreaming big, ambitious, optimistic, skill collector and a doer. He is the youngest member of National Chamber of Commerce committee of the urban economy, which is the largest independent business organization in Poland. Michał Pukacz has gained over ten years of experience in trading while working for brands like Apple.

Michał is a start-up guy, passionate about new technologies, trying to share knowledge as much as possible with the Lublin start-up community. Mr Pukacz is co-organizer of two regular events of the IT industry: Aula Polska Lublin and Startup Weekend Lublin.

He is also co-founder of the Lublin Academy of IT, where the main rule is that everyone can learn how to code.





Siemon Smid

Siemon Smid is a Director at PwC and an **expert in industry, innovation, trade and business development, programme and portfolio management, entrepreneurship and SMEs** with 30 years of professional experience, during which he managed and oversaw multiple pan-European projects.

He advised more than 1000 European SMEs and research-intensive industries and has more than 20 years of experience in working for the European Commission, with assignments in SMEs, industry, trade and innovation services in more than 20 countries. For the European Commission he led the the **EU Gateway - Business Avenues programme for matching EU SMEs with counterparts in Asia.**

Since 2007 he has been actively monitoring the portfolio of research projects in the Framework Programme Seven (FP7) thematic Priority "Nanosciences, Nanotechnologies, Materials, and new Production Technologies" (NMP) for DG Research. For the French engineering consultancy company Assystem he has introduced lean manufacturing programmes to Estonia and Latvia based upon the successful Manufacturing Advisory Services (MAS) approach in the UK. He is also an expert and speaker in Foreign Direct Investment for ASEAN, WAIPA, UKTI, Invest in Sweden, Enterprise Ireland, Netherlands Enterprise Agency, Latvian Investment and Development Agency, Enterprise Estonia and the Annual Investment Meeting in Dubai. He advises investors on high-risk/high-gain investments and he advises governments on financial instruments. Siemon publishes articles on foreign investment, business development, venture capital and innovation. He regularly trains in innovation, technology transfer, research management and project management.





Alexandre Yurchak

Alexandre Yurchak is a **General director of Association of Industrial Automation of Ukraine.**

Alexandre has 25+ years of experience working as Business Development manager on the Industrial Automation markets.

He graduated from Kyiv Polytechnical Institute in 1988 and started his carrier in engenieering field. In 1994 he switched to Sales & Marketing and spent 12 years working for international company Schneider Electric.

He changed many positions trthough his carrier with the highest responsibility in 2002-2003 as Business development manager for CEE-CIS countries (based in France). The same period Alexandre has got 2d (postgraduaded) diploma as Marketing professional.

After spending several years in France and in Russia, in 2006 Alexandre came back to Ukraine and works as top-manager in local Ukrainian engineering and machine-building enterprises. He also tried himself as State employee working as Marketing director in State Agency of Investment in 2011.

In 2012 he finally switches to his own projects, one of them is Association of Industrial Automation. Today Alexandre lead Association and the movement 'Industry 4.0 in Ukraine'. He believes in community power and work hard to consolidate different categories of industrial hi-tech markets in Ukraine.

Alexandre is married, has 2 adulte children, the hobby is around sport, reading and voyages.





INFORMATION TECHNOLOGY

Established
2011

Country:
Ukraine

International cooperation:
India

Number of employees:
1-5

Number of members:
75

Number of SMEs:
50

Sector of activity:
Automotive

Technology fields: Embedded Systems
and Real Time Systems
Automation, Robotics Control Systems

Website: <https://appau.org.ua/en/>

Contact person: Alexandre Yurchak

Phone number: +380671908454

E-mail: yurchak.alexandre@appau.org.ua

The Association of Industrial Automation of Ukraine

Association of Industrial Automation of Ukraine (APPAU) is non-profit organization uniting 40 members on Industrial Automation and IT market in Ukraine.

Cluster information

Association has the **mission** of development of the local market through set-up of professional standards in technical field and in business development. It represents the interests of the Ukrainian **industrial automation community**. It encourages innovations and best practices in field to the industry leaders and ensures successful development of educational and technical standards in the field.

The **members** of the cluster are western and local manufacturers of industrial automation and OEM, system integrators and engineering companies, distributors, industrial end users, Universities and consulting agencies.

Main **activities** and tasks of the Association include:

- Harmonization and promotion of international standards (IEC/ISO) in the field of industrial automation and IT;
- Consolidation and development of expert groups;
- Improving dialogue between different groups of stakeholders (incl. researchers and Universities);
- Providing industry insights, outline critical development problems and suggest appropriate solutions;
- Set up and provide new services for community members and partners, including promotion and export;
- Developing hi-tech communities and eco-systems in cluster-like approach;
- Moving innovations in line with developing countries.

Established
2015

Country:
Ukraine

International cooperation:
United States

Number of employees:
1-5

Number of members:
15

Number of SMEs:
15

Sector of activity:
IT

Technology fields: Applications for
Transport and Logistics
CRM - Customer relationship Management
Environment Management Systems

Website: <http://itcluster.ck.ua>

Contact person: Anastasiya Negoda

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Cherkassy IT Cluster

"Cherkassy IT cluster" is the public association that was founded in early April 2015 with the aim to become leaders in development of the IT industry in the Cherkassy region and represent the IT industry at societal and governmental levels.

Cluster information

The main **goals** of this association are to **promote IT industry in Cherkassy region**, unite efforts for developing joint projects and establish dialogue with the government and society. For today, 15 IT companies are members of "Cherkassy IT cluster".

Their shareholders **pay great attention to educational projects** and are going to promote the industry so students and their parents could learn more about the benefits and IT career opportunities. Local IT specialists also plan to work on projects for city development.

The **mission** is to:

- Be the **leaders of IT industry** in Cherkasy;
- **Improve the quality of IT education** in universities and schools;
- Represent IT sector in society and government;
- Consolidate IT professionals in Cherkassy region.

Established

2017

Country:

Ukraine

International cooperation:

United States

Number of employees:

1-5

Number of members:

9

Number of SMEs:

9

Sector of activity: IT

Technology fields: CRM -
Customer relationship Management
ERP - Electronic Resources
Planning
Quality Management System

Website: chernihiv.it**Contact person:** Julia Piven**Phone number:** +380959433939**E-mail:** chernihiv.it@gmail.com

Chernihiv IT Cluster

Chernihiv IT Cluster is a community of informational technology companies aimed at improving and developing IT of the city.

Cluster information

Chernihiv IT Cluster's **mission** is to contribute to development of IT industry in the city of Chernihiv and region via collaboration between education, business and local government authorities.

The key **objectives**:

- Popularization of Chernihiv as an attractive for IT specialists city;
- Promotion of the efficiency of the operation of the information technology industry;
- Conducting events and developing programs for improving the quality of educational services in specialized universities according to modern IT requirements;
- Improvement of the training system of highly skilled specialists in the IT industry;
- Development and strengthening of relations with international organizations and associations, as well as promotion of the active work of its representatives in international organizations and associations;
- Involving youth in the field of information technology;
- Support of innovative start-ups;
- Facilitation of knowledge exchange between members of the IT cluster.



Established
2015

Country:
Ukraine

International cooperation:
Canada, Georgia, United States

Number of employees:
1-5

Number of members:
15

Number of SMEs:
10

Sector of activity:
IT

Technology fields: CRM -
Customer relationship Management
Data Protection, Storage,
Cryptography, Security
Databases, Database Management,
Data Mining

Website: <http://cbit.org.ua/>

Contact person: George Zvirid

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21-80

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Chernivtsi IT Cluster

Chernivtsi is a city of innovations and start-ups, promoting the development of the innovation ecosystem and the start-up of the movement in Chernivtsi.

Cluster information

Chernivtsi IT Cluster's mission is to:

- Develop an innovative ecosystem in the region;
- Develop new connections between local Universities and EU and East Europe Universities;
- Develop start-up community;
- Support cooperation and collaboration of IT companies in Balkan and Black Sea region
- Promote IT education in the region;
- Increase amount of IT professional in 10 times for 10 years in the region.

Established
2012

Country:
Romania

International cooperation:
Countries where your cluster is active

Number of employees:
1-5

Number of members:
53

Number of SMEs:
34

Sector of activity:
Education and Knowledge Creation;
Information Technology and Analytical
Instruments; Transportation and
Logistics

Technology fields: Applications for
Health; Applications for Transport and
Logistics; e-Government

Cluster Excellence Label: Silver
Label

Website: <http://www.clujit.ro>

Contact person: Andrei Kelemen,
+40-755-122057

E-mail: andrei.kelemen@clujit.ro

Cluj IT Cluster

Cluj IT Cluster is an innovation based value chain network of Romanian IT companies and related organizations with the purpose of **increasing the competitiveness and growth** of IT services and products on international markets and of **forging a strong sustainable public– private partnership** in order to improve the life quality of the community they are part of.

Cluster information

Cluj IT Cluster also strives towards the **enhancement of innovation capabilities** of our members, in particular, and of the Romanian IT industry in general. The focus is on:

- Creating a collaborative culture based on trust and reliability;
- Fostering entrepreneurship;
- Promoting Romanian IT solutions and services abroad and become known as a centre of excellence in IT;
- Forging strong and long lasting partnerships for the mutual benefit of our members and society in general;
- Support and create opportunities for Cluj IT members to work on large international projects.

Vision

Until the end of 2017 Cluj IT Cluster envisions becoming one of the most credible suppliers from Central and Eastern Europe for innovative IT services and products as well as of organizational support systems, with the majority of its members able to be competitive on national and international markets.

Our challenge is to promote innovation in processes, design of products and services to increase competitiveness on international level, creation of a partnership culture based on trust and dependability, promotion of the Romanian IT market, founding lasting public-private partnerships for the mutual benefit of the cluster's members and of the society in general.



Established

2011

Country:

Ukraine

Sector of activity:

IT

Website:

<https://www.scp.knu.ua/en/about-park>

Contact person: Vitalii

Cherniuk

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E-mail:

cherniuk@gmail.com

Corporation "Science Park Taras Shevchenko University of Kyiv"

As global experience in creation and development of Science Parks has proven, the desired effect can be achieved only when the process includes the higher education infrastructure. This secures a permanent hiring policy and involves in the innovation process the most dynamic part of society: students, who strive to reach the highest achievements in education, career and business.

Cluster information

The fusion of university and academic science within Taras Shevchenko University of Kyiv Science Park gives a unique opportunity to launch an **effective innovation process**.

The **mission** of the Park includes **advancement and commercialization of smart R&D and technology projects** in the field of theoretical and applied Sciences. Among its goals is organization of conferences and meetings aimed at building a bridge between Science and business in Ukraine and world.

- Absence of entrance duty on import equipment for the Park projects.
- Benefits for Rents.

Established
2013

Country:
Kragujevac, Serbia

International cooperation:
Canada, United Arab Emirates,
United States

Number of employees:
1-5

Number of members:
24

Number of SMEs:
16

Sector of activity:
Business Services;
Information Technology and
Analytical Instruments

Technology fields: Computer
Software; Databases, Database
Management, Data Mining;
Electronic Commerce, Electronic
Payment & Signature

Website: <http://ict-cs.org>

Contact person: Branimir
Dzenopoljac, +38166360188

E-mail: office@ict-cs.org

ICT Cluster of Central Serbia

ICT Cluster of Central Serbia Kragujevac Business Association cooperates with national and local authorities, companies and other organizations in Serbia and with international organizations and foreign partners in this field.

The business association **represents, advocates and protects interests of its members** and organizations in the country and abroad, and it is the holder of rights and liabilities in international cooperation with corresponding organizations.

Cluster information

The **mission** is to build capacities and infrastructure of the Cluster to provide support for development of small and medium sized enterprises in ICT field with the **aim to enhance their competitiveness, businesses and visibility on domestic and international markets.**

Among many other objectives, the cluster aims to:

- establish a **unique information system** for its members about all issues of interest for carrying out ICT activity;
- **provide expert and advisory help** to its members;
- create and encourage development of ICT activity in Central Serbia, by using international experience and achievements;
- keep track of the legislature, current state and problems within ICT activity in Serbia and suggest competent authorities to take necessary measures in this field;
- work on improvement of informing the public, organizing and carrying out **marketing activities** as well as **publishing-advertising** and **informative activities** in this field;
- organize **training** of member representatives and other interested parties, by arranging **seminars, workshops and study tours, specific trainings** in cooperation with research and education institutions aimed at education and professional improvement of members and others, as well as other aspects of professional improvement.

Established
2006

Country:
Rhône-Alpes region, France

International cooperation:
Canada, Japan, South Korea, United States

Number of employees:
6-10

Number of members:
189

Number of SMEs:
152

Sector of activity:
Education and Knowledge Creation;
Information Technology and Analytical
Instruments; Video Production and
Distribution

Technology fields: E-publishing,
Digital Content
Visualisation, Virtual Reality
Creative services

Website: <http://www.imaginove.fr>

Contact person: David Gal-Regnierz

Phone number: +33 (0) 4 37 56 89 01

E-mail: contact@imaginove.fr

Imaginove

The Imaginove competitive cluster federates and contributes to the expansion of projects and businesses belonging to the digital content industry in the Rhône-Alpes region. Its activities stimulate the region's dynamics and boost its national and global renown.

Cluster information

The Imaginove competitive cluster federates and contributes to the expansion of projects and businesses belonging to the **digital content industry** in the Rhône-Alpes region. Its activities stimulate the region's dynamics and boost its national and global renown.

Imaginove is rooted in a strong Rhône-Alpes digital usages and content industry: **1,200 businesses, 25 research labs, 28 training modules related to images, as well as top-flight international events such as the Annecy Animation Film Festival and Market, the Serious Game Expo, Innorobo**, and more. The team supports Rhône-Alpes' companies in three competitive domains (Research & Development, Commercial and International, Training) via concrete assistance measures.

Imaginove has backed players in the cultural and creative images industry (video games, movies, audiovisual, multi-media) by developing true dynamics among them. The number of cooperative label-bearing R&D projects has grown exponentially over the past 3-4 years (average of 40/year).

After 7 years of experience, the cluster has 160 members, executed 175 joint R&D labelled projects since 2007 for a total of 350M€ (of which 2/3 involving SMEs) as well as 85 projects financed for a total of 130M€ (FUI, ANR, 2009 & 2010 Serious Game New Usages, Go Innovation/Oseo). The Imaginove also reinforced relations with 15 regional labs, assisted 200 SMEs (innovation, commercial, international, HR) with sales progression of 28% and a 21% increase in jobs and carried out 40 missions abroad since its founding.



Established

2016

Country:

Ukraine

Number of employees:

1-5

Number of members:

40

Number of SMEs:

4

Sector of activity:

Business Services
Communications Equipment and Services
Information Technology and Analytical
Instruments

Technology fields: Information

Technology/Informatics;
Education and Training;
Information and media, society

Website: <http://itcluster.konotop.info/>

Contact person: Dmytro Hlants

Phone number: +38 067 762 43 54

E-mail: dmitriy.glanc@konotop.info

IT Cluster Konotop

Konotop IT Cluster is a community of leading IT companies of the region. Cooperating with the higher educational establishments they are improving and developing IT in the town.

Cluster information

Konotop IT Cluster is striving to convert Konotop into powerful Ukrainian and world IT center.

The key **objectives** are to:

- boost self-fulfillment of IT professionals;
- attract creative young people to IT field;
- develop competitive local IT community.

Konotop IT Cluster is willing to gather all IT specialists into united information environment to cooperate more efficiently.

Established

2013

Country:

Cluj-Napoca, Romania

International cooperation:

Japan, United States

Number of employees:

6-10

Number of members:

74

Number of SMEs:

62

Sector of activity:

Communications Equipment and Services; Education and Knowledge Creation; Information Technology and Analytical Instruments.

Technology fields: Applications for Health; GIS Geographical Information Systems; e-Government.

Cluster Excellence Label: Silver Label

Website: <http://itech.aries-transilvania.ro>

Contact person:

Bianca Muntean, +4-0742-225405

E-mail: aries.transilvania@gmail.com

iTech Transilvania cluster by ARIES

iTech Transilvania cluster by ARIES is considered a best practice model for Romanian clusters and for its achievements in a relative short period. It is the only ITC Romanian cluster with Silver label from ESCA.

Cluster information

The key goal of the cluster is to meet the **needs of the IT market of having available and improved competent human resources** by strengthening and promoting the image of the cluster.

The main activities of iTech Transilvania cluster by ARIES is to:

- optimise communication flow within and outside the cluster,
- offer training services in advanced technologies,
- train professors in universities to update and strengthen their knowledge in advanced technologies according to new trends in the field.

The cluster's members have great experience and very good results in delivering good qualitative projects in a timely manner.

iTech Transilvania cluster by ARIES thrives to develop new links with other clusters from ICT and also other fields of activity in order to initiate new trans sectorial projects and collaboration.

Established

2015

Country:

Ukraine

International cooperation:

Australia, Canada, Israel, United Arab Emirates, United States

Number of employees:

6-10

Number of members:

37

Number of SMEs:

35

Sector of activity:

IT

Technology fields: CRM -

Automation, Robotics Control Systems

Computer Software

Information Technology/Informatics

Website: It-kharkiv.com**Contact person:** Sofia Belenkova**Phone number:** +380632107227**E-mail:** s.belenkova@it-kharkiv.com

Kharkiv IT Cluster

Kharkiv IT Cluster is a public organization uniting leading companies in the field of information technology (IT), developing **software products and applications, business process outsourcing** (BPO).

Cluster information

Kharkiv IT Cluster is a public organization, which, with the support of local authorities and higher education institutions, took the initiative to carry out comprehensive changes in IT-ecosystem of the city. Partner companies and individual IT volunteers also provide a huge help in this task.

Kharkiv is seen as the **IT capital of Eastern Europe**, where the largest Ukrainian and international IT companies operate and where **all the conditions for education, training, expert application of skills and experience in the IT field are available**. Kharkiv is promoted as the city in where the quality of education is the highest in Ukraine.

The **goal** of the cluster is to make Kharkiv an entry point to IT and to create the best conditions for IT companies in Ukraine. The cluster also strives to provide **conditions for self-realization of youth in the field of IT technologies and for modern higher IT education**. The cluster sees the IT industry as the core for the city and Kharkiv citizens, which is a sector that highly contributes to its development due to the provision of jobs, high taxes and investments.

Established
2016

Country:
Ukraine

International cooperation:
Kazakhstan, New Zealand

Number of employees:
6-10

Number of members:
36

Number of SMEs:
18

Sector of activity:
IT

Technology fields: CRM -
Creative services
Education and Training
Information and media, society

Website:
<http://itcluster.kiev.ua>

Contact person: Nataly
Veremeeva

Phone number:
+380501700155

E-mail: nataly@itcluster.kiev.ua

Kyiv IT Cluster

Kyiv IT Cluster is a public organization that was established in 2016 with the main aim to establish the comprehensive development of IT sphere in the Kyiv region.

Cluster information

Kyiv IT Cluster is a non-profit organization, whose aim is to **unite and develop the whole IT community of Kyiv**, the capital of Ukraine and the area with the most IT potential in the country.

They have several projects aimed both on **educating the community, building relationships with their local authorities** and also - on helping local companies to promote and establish **partnerships** with abroad companies.

The **vision** of the cluster is to create such a partnership where, through synergy, close friendships, specialization, understanding the focus of each participant, and launching joint projects for the comprehensive development of business cluster members, participating companies enhance the quality of products and services and capture a much larger share of the global market.

The **mission**: development of Kyiv as the main IT location in Eastern Europe.

Established
2005

Country:
Riga, Latvia

International cooperation:
Canada, Kazakhstan, United Arab
Emirates

Number of employees:
6-10

Number of members:
35

Number of SMEs:
30

Sector of activity:
Education and Knowledge Creation;
Information Technology and Analytical
Instruments

Technology fields: e-Government;
Information Technology/Informatics;
E-Learning

Cluster Excellence Label: Silver Label

Website: <http://www.itbaltic.com>

Contact person: Aiga Irmeja

Phone number: 00 371 67089815

E-mail: Aiga.Irmeja@itbaltic.com

Latvian IT Cluster

Registered as a non-profit association, Latvian IT Cluster is an **international focus cluster, which stands for a technology and market-oriented cooperation and networking of Latvian ICT companies**. Latvian IT Cluster is a contact point for interested parties who intend to expand their own technical and economic potential in international markets.

Cluster information

Latvian IT Cluster vision: to be an effective partner for initiatives and activities that are focused on Latvian Information and Communication Technologies sector development and on increasing international competitiveness and digitalization.

Mission: promoting collaboration of companies in the field of Information and Communication Technologies industry and other interested partners, especially development of cross-sectoral cooperation to increase each company and industry competence and competitiveness.

Long-term goal: to promote the development and international competitiveness of information and communications technology sector.

Medium term goals:

- Cluster participant and partner cooperation and support for entering export markets;
- Increase Cluster and its participants competencies/proficiency, focusing on export development and industry knowledge;
- Strengthen Cluster role as communicator with government and academia, focusing on business need advocacy;
- Cluster internationalisation;
- Strengthen Cluster's role as Digital Innovation Hub for cross-sectoral digitalization.

Established
2014

Country:
Vilnius, Lithuania

Sector of activity:
IT

Website: <http://www.lca.lt>

Phone number: +370 686
777 81

E-mail: info@lca.lt

Lithuanian Clusters Association

Lithuanian Clusters Association unites the most active and progressive Lithuanian clusters.

Cluster information

Mission of the Association is strengthen the competitiveness of Lithuanian business by developing clusters.

Vision is to become global, influential, sustainable association best representing Lithuanian clusters.

Goals of the Association:

- participate in formation and implementation of clustering policy in Lithuania;
- represent interests of clusters and their members in Lithuania and abroad;
- improve conditions of clusters' operation and development;
- strengthen clusters' management competences and spread good practice.

Principles of activity: the association implements its mission, vision, goals, objectives and activities in accordance with principles of business ethics, transparency, openness, honesty.

Established

2007

Country:

Warsaw, Poland

International cooperation:

Argentina, Japan

Number of employees:

6-10

Number of members:

150

Number of SMEs:

125

Sector of activity:Aerospace Vehicles and Defense;
Information Technology and Analytical
Instruments**Technology fields:** GIS Geographical
Information Systems; Satellite
Technology/Positioning/Communication in
GPS; Energy management**Cluster Excellence Label:** Silver Label**Other Label:** Key National Cluster**Website:** <http://klasterict.pl>**Contact person:** Artur Radzio, +48 22
241 23 25**E-mail:** biuro@klasterict.pl

Mazovia Cluster ICT

Mazovia Cluster ICT has involved more than 140 committed participants, including 5 Research Institutions, 6 Universities and plenty of other entities such as SME's, NGO's, investment funds and large companies.

Cluster information

Mazovia Cluster ICT cooperate with Warsaw City Council, Co-Generation Commerce and Industry, The Office of the Marshal of Mazovia, Polish Chamber of Commerce of Electronic and Telecommunication, Bulgarian ICT Cluster and Oslo ICT Network.

In 2015, Mazovia Cluster ICT obtained a status of **Key National Cluster** and in the following year obtained **Silver Label of Cluster Excellence**, certified by European Secretariat for Cluster Analysis (ESCA).

Mission of the cluster is to **bridge the gap between the action and conditions for SME's development in the metropolitan area and the rest of the Voivodship**. Cluster accomplishes this mission by establishing and developing cooperation between sector of computer science enterprises, telecommunication, telecommunication and electronic media R&D units, universities and business institutions and local authorities in the area of Warsaw and outside metropolitan areas.

The competence areas of the cluster are: **telecommunication, IT, industrial automatics, power engineering, GIS, Business System Solutions, Creative Industry, Smart City, Smart Grid, eHealth, Decision Support System**. Mazovia Cluster ICT is also a member of the European Alliance of Innovation (EAI).



Established
2017

Country:
Ukraine

**International
cooperation:**
Kazakhstan

Number of employees:
1-5

Number of members:
11

Number of SMEs:
4

Sector of activity:
IT

Contact person:
Oleksandr Khudoteplyi

Phone number:
+380505989081

E-mail:
oleksandr.khudoteplyi@gmail.com

Sumy IT Cluster

Sumy IT Cluster is a community of **leading information technology companies**, which together with universities and local authorities, aim to improve and develop IT in the city.

Cluster information

Sumy IT Cluster took a lead to **conduct systematic changes in the business environment** of the city and the country.

The **main** task of the IT cluster is to support the development of the information technology sector in the city of Sumy.

The **purpose** of the Sumy IT cluster is to:

- Make the IT industry a priority for the city and region;
- Establish contacts and cooperation with IT companies;
- Attract new IT companies to the city of Sumy;
- Share experience and knowledge;
- Increase the prestige of IT professions;
- Improve IT education;
- Provide assistance in the creation and promotion of IT start-ups.

Established
2015

Country:
Poland

**International
cooperation:**
Israel

Number of employees:
1-5

Number of members:
50

Number of SMEs:
35

Sector of activity:
IT

Website:
<http://www.iofthings.pl/en/home-page/>

Contact person:
Michał Pukacz, +48 792 071 185

E-mail: m.pukacz@lpnt.pl

The Polish Research and Development Cluster of the Internet of Things - Lublin Science and Technology Park

LPNT is the initiator and coordinator of the only Polish Cluster Internet of Things. The Polish Research and Development Cluster of the Internet of Things was set up as a **voluntary agreement enterprises, scientific institutions and research institutions and the business environment**, who want to work together to boost innovation and competitiveness in the key area, which today is the Internet of Things.

Cluster information

The cluster includes entities engaged in the internet of things from across the Poland. There is no territorial division, they **focus on small and medium-sized enterprises and research and development units whose purpose is research, development, and implementation of IoT**. At the moment, they have more than 50 entities and their number is still growing.

Cluster creates a permanent platform for cooperation that facilitates the transfer of knowledge, experience, and innovation among the participants. In addition, it will allow effective use of their potential in the field of Internet of Things. Polish solutions effectively help get the funding, educate officials, in cooperation with the Polish Chamber of Commerce increase competitiveness and potential cities and give opinions on the Act for government administration.

Established
2017

Country:
Ukraine

International cooperation:
Turkmenistan

Number of employees:
11-20

Number of members:
5

Number of SMEs:
5

Sector of activity:
IT

Technology fields:
Business development and IT outsourcing

Website: www.it-cluster.vn.ua

Contact person:
Ivan Poliukhovich

Phone number:
+380632684350

E-mail: ivan@cluster.vn.ua

Vinnytsia IT Cluster

Vinnytsia IT cluster is an association of companies, universities, schools, local authorities, organizations and community of Vinnytsia to develop the IT industry of the city.

Cluster information

The Vinnytsia IT Cluster promotes **the interaction of IT companies, state authorities and educational institutions.**

They are interested in the **export orientation** of the IT industry cities and in-depth development of specialists. The cluster represents **the interests of ICT in the city and implements joint development programs for the industry.**

Vinnytsia IT cluster promotes the training programmes for specialists at schools and universities, completing their work and internship in the city companies.

Established
2016

Country:
Novi Sad, Serbia

International cooperation:
Canada, South Africa, United Arab
Emirates, United States

Number of employees:
1-5

Number of members:
39

Number of SMEs:
28

Sector of activity:
Agricultural Inputs and Services;
Automotive; Information Technology and
Analytical Instruments

Technology fields: Computer Games;
Computer Software; Internet of Things

Cluster Excellence Label: Bronze Label

Website:
<http://www.vojvodinaICTcluster.org>

Contact person: Milan Šolaja, +381 21
3000 302

E-mail: contact@vojvodinaICTcluster.org

Vojvodina ICT Cluster

Vojvodina ICT Cluster – VOICT provides a single point of contact with the best companies in Serbia, with the total workforce of **3,500 experienced IT professionals** working in our member companies. They build long-term relationships based on trust and quality, bringing expertise, experience and passion for excellence to each and every project.

Cluster information

Vojvodina ICT Cluster is a business association founded through a bottom-up initiative of ICT companies and several supporting institutions. It is a fast-growing organization, strongest in its field in Serbia.

Over 90% of the members' businesses are tied to foreign companies. The companies from this cluster exhibited strong growth in recent years, regardless of the global recession. The **mission** is to develop and implement an array of activities to support our members, generate awareness of potentials **for change and progress that new technologies bring**, formulate action plans and mobilize players from **the triple helix to implement them**.

Vojvodina ICT Cluster gives **institutional support to this trend, mobilizing players from the triple helix business–education–government**.

The vision of Vojvodina ICT Cluster is to make Digital Serbia.

On one hand, they **aim to mobilize resources of different stakeholders** and use Serbian ICT sector international success, results and expertise to create conditions that will foster further development of ICT and bring about spillover effects on other industry sectors and society in general.

On the other, they **strive to increase visibility of Serbia** as a very interesting alternative location for the development of sophisticated software, and put Novi Sad on the regional and European map as the hotbed for software solutions and products in this part of the world.



AGRO-FOOD

Established
2017

Country:
Ukraine

International cooperation:
Canada, Malaysia, Singapore

Number of employees:
1-5

Number of members:
20

Number of SMEs:
19

Sector of activity:
Agro-Food

Technology fields: Animal
Production / Husbandry
Food Additives/Ingredients/Functional
Food
Food Processing

Website: <https://agrofoodcluster-kh.com/>

Contact person: Kateryna Leptsova

Phone number: +380932400299

E-mail:
agrofoodclusterkharkiv@gmail.com

Agrofoodcluster Kharkiv

Producers and processors of agroproducts of the Kharkiv Region.

Cluster information

They are producers and processors of agroproducts of the Kharkiv Region. They create and promote competitive products on domestic and foreign markets, while developing partnerships with clusters from other countries.

Agrofood cluster was founded on 5 July 2017 in Kharkiv, Eastern Ukraine with the aim to work hard together for the overall benefit.

The key areas of the cluster's **activity** are to:

- Stimulate export;
- Improve education in the sector; and
- Modernize products and expand the regional value chain.

Established
2012

Country:
Ukraine

International cooperation:
Armenia, Georgia, Kazakhstan,
Kyrgyzstan, Uzbekistan

Number of employees:
1-5

Number of members:
30

Number of SMEs:
26

Sector of activity:
Agro-Food

Technology fields: Agriculture
Machinery / Technology
Drink Technology
Food Technology

Website: <http://ea-f-tech.com/>

Contact person: Igor
Bzhezitskiy

Phone number: +38 050 178
93 10; +38 067 425 57 57

E-mail: igor-bzhezicky@ukr.net

Cluster “Ea.F.Tech+”

The international, interregional agro-industrial cluster "Ea.F.Tech +" was established in the Kherson region as an element of the network economy in order to increase the efficiency of business of members and partners of the cluster, as well as to create and support projects related to modernization of the existing socio-economic model of the agroindustrial complex of Ukraine.

Cluster information

Ea.F.Tech+ unites the companies that supply goods and services for farms and for processing vegetables and fruits of companies.

The **commercial objective** of the cluster is based on the principle of "**technological chain**". This means that the cluster aims to unite the efforts of the participants and partners of the cluster, as part of the project support, in the field of cultivation, harvesting, storage, pre-sale preparation, processing and sale of food, by combining commercial offers from the best players of this market into a single agreed commercial package.

Each company of the cluster represents a narrow segment of the common technology. Some delivers seeds, some supply agricultural equipment and some – equipment for processing. Together they are ready to accompany any project of creation or modernization of a processing enterprise or a farm.

Established
2012

Country:
Riga, Latvia

International cooperation:
China, United Arab Emirates

Number of employees:
1-5

Number of members:
40

Number of SMEs:
38

Sector of activity:
Fishing and Fishing Products;
Food Processing and Manufacturing

Technology fields: Fish/
Fisheries/ Fishing Technology;
Food Processing;
Food Technology

Website: <http://www.ppkk.lv/par-pkk>

Contact person: Armands Lejas-Krumins

Phone number: +371 29236363

E-mail: armands.lejas-krumins@lpuf.lv

Food Products Quality Cluster

The goal of cluster is to develop co-operation of non-interconnected entrepreneurs, research, education and other institutions, thus **furthering competitiveness of industries and entrepreneurs**, growth of export volumes as well as **innovations** and **development** of new products.

Cluster information

Main areas of activities:

- Improving quality of food products and furthering consumption of highest quality foods;
- Furthering public awareness of the cluster and its employees, marketing activities;
- Co-operation with institutions of education and science (also in the field of education quality of graduates of professional and higher education institutions);
- Increasing efficiency and competitiveness of delivery chains on both local and export markets.

In co-operation with foreign partners, the Food products quality cluster is interested in:

- carrying out joint export activities to third countries;
- carrying out joint research on developing new products and technologies;
- exchanging experience to improve the competitiveness and global positions of the food sector and sub-sectors (such as milk, meat);
- participating in regional activities;
- participating in cluster cooperation programmes;
- developing cross-sectorial cooperation.

**Established**

2017

Country:

Ukraine

Number of employees:

1-5

Number of members:

9

Number of SMEs:

5

Sector of activity:

Agro/Food

Technology fields: Crop

Production

Safe production methods

Traceability of food

Website: <https://ufv.org.ua/>**Contact person:** Mariia

Makhnovets

Phone number:

+380962596437

E-mail:

mariia.makhnovets@gmail.com

Public Union “Ukrainian Food Valley”

Ukrainian Food Valley aims to create and develop sustainable agro-food ecosystems in Ukraine, whose players will, through effective interaction, create, store, move, promote and market innovative products and solutions that are relevant and competitive in global markets.

Cluster information

The **mission** of the Ukrainian Food Valley: sustainable Agri-Food Ecosystem that unites Players who practice 5 sustainability principles throughout its Value Net to secure health of the Nation and increase competitiveness on global markets.

Key objectives:

- Identification of Value Net weak joints and fixing them;
- Cluster development;
- Organization of technological and business education;
- Rural development;
- UFV brand development;
- Setting new rules at agri-food market in Ukraine;
- Uniting agri-food and supporting industries players together in order to create the added value along the whole supply chain by using best practices of research and innovation.

Established
2013

Country:
Vilnius, Lithuania

International cooperation:
Canada, Israel, South Korea, United
Arab Emirates, United States

Number of employees:
1-5

Number of members:
18

Number of SMEs:
8

Sector of activity:
Food Processing and Manufacturing

Technology fields: Food
Additives/Ingredients/Functional
Food; Food Packaging / Handling;
Food Processing

Website: <http://www.litmea.lt>

Contact person: Giedrius
Bagusinskas

Phone number: +37068621855

E-mail:
info@litmea.lt

SMART food cluster (LitMEA)

SMART food cluster (LitMEA) unites food industry companies representing different industrial sectors. They do not compete directly in the local and foreign markets but rather see possibilities to cooperate and trust each other.

Cluster information

The **mission** is to help cluster members to enhance competitiveness in foreign markets, bringing together the capabilities of the companies, competencies and contacts.

The **cooperation priorities** of the cluster's members:

- Full cooperation participating in the exhibitions abroad, providing with information and other assistance to each other;
- Cooperation with Lithuanian institutions, supervising the food sector export issues;
- Participation in joint export promotion projects with other associates and business structures;
- Co-operation in finding new partners in foreign markets, exchange of mutually beneficial information;
- Joint marketing tools and common dissemination of information about the cluster members, focused on targeted partner search;
- Cooperation for development of functional, innovative food products and beverages, the presence of corporate technologists and research institutions.

Established
2012

Country: Terrassa, Spain

International cooperation: Cuba,
Mexico, Nigeria, Thailand, United States

Number of employees:
1-5

Number of members:
67

Number of SMEs:
41

Sector of activity:
Paper and Packaging
Plastics

Technology fields: Food Packaging /
Handling; Packaging for machines and for
materials

Cluster Excellence Label: Bronze Label

Other Label: Catalonia Cluster; AEI
(Agrupaciones Empresariales Innovadoras)

Website:
<http://www.packagingcluster.com>

Contact person: Àlex Brossa, (+34) 93
788 23 00

E-mail: info@packagingcluster.com

Packaging Cluster

Constituted by Catalan companies in 2012, today it groups 67 active members among companies, knowledge centres and entities representing the entire value chain of the field, which range from R&D, raw materials and intermediates; the machinery; peripheral and line endings; packaging manufacturers and end users.

Cluster information

The main **objective** of the Packaging Cluster is to help to improve the competitiveness of the companies in order to generate more and better business for companies and organizations in the world of packaging.

This improvement comes from the **promotion of networking, knowledge and business**, which are designed by six strategic axes that have an annual plan of activities to reinforce and consolidate their respective actions.

The **mission of the Packaging Cluster** is to:

- Generate new, sustainable business opportunities;
- Drive company competitiveness;
- Foster and attractive ecosystem on a national and international scale;
- Take advantage of business environment synergies to strengthen the sector;
- Improve sustainability in Circular Economy, Life Cycle and Social responsibility;
- Innovate in smart packaging, active packaging, food waste, usability and branding;
- Encourage automation of flexible production by technology and robotics and improve the costs.



ECO-ENERGY AND BUILDING AND CONSTRUCTION

Established
2007

Country:
Szeged, Hungary

International cooperation:
Brazil, Mexico

Number of employees:
1-5

Number of members:
55

Number of SMEs:
50

Sector of activity:
Environmental Services

Technology fields: Energy
management; Geothermal energy;
Solar/Thermal energy

Cluster Excellence Label: Gold Label

Other Label: Accredited Innovation
Cluster

Website: <http://www.archenerg.eu>

Contact person: Dr. Dénes Bulkai

Phone number: +36306547984

E-mail: info@archenerg.eu

ArchEnergy Cluster

ArchEnergy aims at creating an **economic and social model based on renewable energy sources and energy efficiency** that moves green economy enterprises and society towards a more sustainable future cooperation.

Cluster information

The Cluster community successfully supports **international competitiveness and business-process innovation** of our members, and with our efforts effectively achieved in the European green environment, green economy and green society.

The ArchEnergy Cluster was established with the **vision of creating an economic and social model based on renewable energy sources and advanced energy efficiency** that assists green economy enterprises and green society towards a more sustainable future. Their efforts are focusing on the use of green energy and other fields of research, development and innovation (RDI) processes that are adequate for the success of our members and partners.

Complex services of the ArchEnergy Cluster:

- Generation of projects;
- Marketing;
- Searching for financial solutions;
- Tender watch, partner search;
- Demand assessment;
- Needs assessment and mediation of trainings;
- Organization of professional courses, presentations, lectures.



Established
2016

Country:
Ukraine

Number of members:
16

Sector of activity:
Building and construction

Website:
<https://azuz.org.ua/>

Contact person: Yuriy
Martynyuk

Phone number:
+380676760958

E-mail: igor-
zaxidzabud@ukr.net or
zaxidzabud@gmail.com

Association of Western Ukrainian Developers (ASUS)

The Association is a modern, independent, open to cooperation organization whose mission is to create and maintain conditions for the development of healthy competition in the field of construction and to ensure the protection of the interests of its consumers, participants and partners.

Cluster information

The West Ukrainian Association of Developers started its activities in 2016. The developers united in order to jointly work on parity conditions to create unified legal rules of the game for all participants of the **real estate market** of the region.

The Association is primarily intended to inform people about the risks associated with investing in construction, ways of minimizing them and ways of protecting rights.

The basic conditions of our Association's activity is the **strengthening of mutual trust, reliability, decency and business partnership between developers and clients**. Improving the standards of quality of housing and commercial real estate by developing, implementing and ensuring the implementation by the Association members of the only mandatory rules of activity based on innovative achievements and best practices of doing business.

The cluster promotes and provides people with modern and high-quality housing, but also transparent pricing in the real estate market. One of the main tasks of the Association is the introduction of **legislative initiatives in the field of legal regulation of the industry**.



Established
2007

Country:
Gdańsk, Poland

International cooperation:
Indonesia, Israel, Malaysia,
Singapore, Vietnam

Number of employees:
1-5

Number of members:
174

Number of SMEs:
133

Sector of activity:
Electric Power Generation and
Transmission

Technology fields: Biogas and
anaerobic digestion (AD); Energy
management; Combined heat and
power (CHP) engines

Website:
<https://www.imp.gda.pl/en/beec/>

Contact person: Prof. Jan
Kiciński, +48583416144

E-mail: kic@imp.gda.pl

Baltic Eco-Energy Cluster (BEEC)

The Baltic Eco-Energy Cluster is a common initiative of the PAS Institute of Fluid-Flow Machinery, University of Warmia and Mazury, Gdansk University of Technology, Koszalin University of Technology, Marshals and Self-Governments of the Pomorskie and Warmińsko-Mazurskie Voivodeships, as well as the economic units and associations having their seats in those voivodeships.

Cluster information

Its overarching **mission** is to promote **distributed generation, utilisation of RES and smart energy systems** in the Northern Region of Poland, with a special focus on built environment.

Main **activity areas** concentrate on introduction and promotion of a widely understood idea of distributed co-generation, i.e. simultaneous small and medium scale production of thermal energy and electricity from renewable energy sources via realization of common projects as well as consulting and education activities.

The **vision involves realization of activities** aimed at:

- fostering the decrease of energy intensity of the economy of Northern Region of Poland;
- limiting the negative influence of energy sector upon the environment;
- stimulating the competitiveness of SME in the Region via fostering development of new technologies and innovative solutions in the following areas:
 - renewable energy sources, distributed generation and prosumer energetics;
 - energy demand and its utilisation in built environment, industry and transport sectors;
 - smart grid in terms of transmission and distribution of energy;
 - energy storage and sustainable transport and e-vehicles;
 - bio-components and biofuels; renewable energy sources in industrial processes;
 - waste utilisation;
 - development of micro and small scale biomass-fired CHP units.



Established
2017

Country:
Ukraine

Number of members:
13

Sector of activity:
Eco-energy

Website: vcci.com.ua

Contact person:
Smolych Daria

Phone number:
+380954141919

E-mail:
d.smolych@lntu.edu.ua

Committee of Green Services Providers at the Volyn Chamber of Commerce and Industry

Committee of Green Services Providers at the Volyn Chamber of Commerce and Industry is a Ukraine business network **that aims to develop further interests of local businesses in the region.**

Cluster information

The creation of the chamber originated in the far 1917. Then, according to the decision of the governor of the Volyn province and in accordance with the decision of the founding assembly of the South-Western branch of the Russian Export Chamber, the Lutsk Trade and Industry Organization was founded, whose purpose, according to the Charter, was "**to improve the economic and political interests of the Lutsk trade and industrialists**".

The long-term evolutionary path of development was through a number of institutions, in particular, the regional Bureau of Commodity Expertise, which until 1982 was headed by Seredinskaya Alexandra Artemivna. In 1997, thanks to the active participation of industrialists and entrepreneurs, the support of the regional state administration, an independent regional chamber was established, whose first president was Naumenko Sergey Vasilyevich.



Established
2017

Country:
Ukraine

Number of employees:
1-5

Number of members:
10

Number of SMEs:
6

Sector of activity:
Eco-energy

Technology fields: Energy
management
Thermal insulation
Solar/Thermal energy

Website: inenergy.org.ua

Contact person: Derkach
Denys

Phone number:
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E-mail:
innovalutsk@gmail.com

Energy cluster "Innovation energy"

Energy cluster "Innovation Energy" believes that the future is based on innovative technologies and invites active citizens and organizations to cooperate.

Cluster information

Energy cluster "Innovation Energy" is created for the purpose of association of citizens and individuals in order to meet the interests of its members in the sphere of **energy technologies**. The aim is to increase the level of attraction of innovations in the energy sector in the region and the state and to promote the use of innovative technologies by the public and private sectors of the economy.

The **mission** of the cluster is:

- Implementation of international programs aimed at attracting innovations in energy;
- Search and establishment of new technologies, development of programs of innovation and energy development;
- Joint efforts of business, academics and authorities aimed at developing the energy sector;
- Assistance in implementation of local and state programs in the field of energy.

Established
2012

Country:
Dublin, Ireland

International cooperation:
Ethiopia, Ghana, Kenya, Lesotho,
United Arab Emirates

Number of employees:
1-5

Number of members:
34

Number of SMEs:
30

Sector of activity:
Environmental Services; Metal
Mining; Nonmetal Mining

Technology fields: Carbon
capture and energy; Turbines;
Geothermal energy

Website:
<http://www.geoscience.ie>

Contact person: Andrew
Gaynor

Phone number: +353 1 678
2673

E-mail: andrew.gaynor@gsi.ie

Geoscience Ireland (GI)

Geoscience Ireland is a cluster of over 30 companies, delivering collaborative expertise in water, minerals, environmental and infrastructure development to commercial clients in over 50 countries. The cluster is supported by two State Agencies: Geological Survey Ireland and Enterprise Ireland.

Cluster information

Operating under a cluster dynamic, GI was founded on a **belief of shared effort, collaboration, innovation, combined resources and stakeholder support**. The overarching aims of GI are to develop the Irish geoscience SME sector through:

- sharing knowledge and the networking effect;
- increasing Ireland's ratio of project wins overseas through managed collaboration;
- investing in and delivering on R&D projects;
- stimulating job growth and economic activity in the geoscience sector.

In order to deliver on these ambitions, GI provides systems of support to facilitate and develop the cluster including:

- hosting regular workshops where members share market and export knowledge,
- undertaking Market Visit Studies to identify overseas networks and clusters,
- facilitating interactive sessions for members to develop trust and to welcome new cluster members,
- deliberating on the common goal that Ireland is a centre of geoscience excellence,
- providing a forum for members to put forward ideas on the cluster's future directions,
- identifying tender and project opportunities whereby GI Members can respond with a collaborative approach to winning business,
- marketing and branding, and a uniform approach to accessing European institutions and donor agencies.

This network approach enables SMEs to grow and for the Irish geoscience sector to develop and become part of the global community.

Established
2009

Country:
Zagreb, Croatia

International cooperation:
Chile, Cyprus

Number of employees:
1-5

Number of members:
50

Number of SMEs:
46

Sector of activity:
Education and Knowledge Creation;
Environmental Services

Technology fields: Energy
management; Hydropower;
Solar/Thermal energy

Cluster Excellence Label: Bronze
Label

Website:
<http://www.intelligentnaenergija.hr>

Contact person: Mladen Perkov,
+38598346959

E-mail:
mladen.perkov@intelligentnaenergija.hr

Cluster Inteligentna Energija

Cluster “Intelligentna Energija” is a business network of SMEs that contribute to **strengthening RES industry and energy efficiency with their creative approach.**

Cluster information

The main **mission** of the cluster is to **create new green jobs** through production of solutions and systems as well as through delivery and continuous care for installed plants and technology.

The cluster is focused on **green technologies** in areas of hydro-energy (small hydro power plants), solar-energy (PV and thermal systems), biomass, energy efficiency and heat pumps, all of which have high employment potential.

Main **activities** of the cluster contribute to economic growth, installation of new energy sources, higher security of energy supply, better environmental conditions and lower gas emissions.

Cluster “Intelligentna Energija” animates and establish creative partnerships among entrepreneurs, scientists and business institutions in the field of energy efficiency and sustainable development.

Established
2011

Country:
Sfântu Gheorghe, Romania

International cooperation:
Indonesia, Israel, Jordan, United Arab
Emirates, Vietnam

Number of employees:
6-10

Number of members:
70

Number of SMEs:
31

Sector of activity:
Agricultural Inputs and Services;
Education and Knowledge Creation;
Environmental Services

Technology fields: Furnace and boiler
technologies; Solid biomass;
Waste to energy

Cluster Excellence Label: Silver Label

Website: <http://www.greencluster.ro>

Contact person: Lajos Vajda, +40 749
096726

E-mail:
info@greencluster.ro

Green Energy Innovative Biomass Cluster

Green Energy Innovative Biomass Cluster aims to raise the interest towards the **production and utilization of the solid biomass**, the most important renewable energy source in Romania.

Cluster information

The cluster ensures the frame to **develop innovative solutions in the field of the solid biomass by putting emphasis on the environmental, social and economic benefits.**

The **mission** of the cluster is to link businesses, research organizations, universities and public administration in order to enhance cooperation, stimulate innovation, spread knowledge in the field of the solid biomass in Romania.

It is important to define innovative solutions and synchronize the production and utilization of the solid biomass by developing the biomass value-chain and enhancing cooperation among cluster participants.

Objectives of the cluster:

- Develop the value chain in the field of energy willow crops, green waste management and industrial wood-waste management;
- Develop the market for the sustainable use of the biomass for energy purposes (providing heat energy);
- Ensure human resource development in the sector by providing professional training;
- Identify themes for research and innovation projects;
- Ensure professional management of the cluster;
- Participate in international projects and cooperation.

Established

1995

Country:

Vaasa, Finland

International cooperation:

Algeria, Morocco, Namibia,
Tunisia

Number of employees:

11-20

Number of members:

145

Number of SMEs:

140

Sector of activity:

Electric Power Generation and
Transmission

Technology fields: Generators;
electric engines and power
converters; Transmission of
electricity

Cluster Excellence Label:

Bronze Label

Website: <http://www.merinova.fi>

Contact person: Johan Wasberg,
+358(0)407423207

E-mail: merinova@merinova.fi

Oy Merinova Ab

Technology Centre Oy Merinova Ab promotes **utilisation of new technologies** and the growth and success of EnergyVaasa cluster companies by offering development services together with its partners especially for companies in the **energy technology sector**.

Cluster information

Merinova is responsible for the technology centre services in the Vaasa region in co-operation with its associated company Oy Vaasa Parks Ab.

Merinova's main **objective** is to contribute to the achievement of the goals set out in the 2020 Regional Energy Strategy - Österbotens energistrategi. These goals are:

- The annual turnover of the EnergyVaasa energy technology cluster companies will increase from 4 billion euro in 2010 to 10 billion euro in 2020.
- The value of the annual energy technology export has increased to 7 billion euro by 2020.

The goals are to be achieved by implementation of **strategic actions focussing on:**

- Technology and export;
- Research and education in the energy technology sector;
- Image and marketing;
- Efficient and sustainable regional energy supply.

Established
2016

Country:
Ukraine

Number of employees:
1-5

Number of members:
15

Number of SMEs:
11

Sector of activity:
Eco-energy

Technology fields: Energy
management
Other energy related
machinery
Solar/Thermal energy

Website:
<https://peec.org.ua/>

Contact person: Lyudmyla
Shyyko

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lyudmylas13@gmail.com

Precarpathian eco-energy cluster

Precarpathian eco-energy cluster (PEEC) is not just an organization, it is a synergy of cluster members who work in the field of energy efficient solutions, in order to turn ideas into active tools for the development of the city and region.

Cluster information

Precarpathian eco-energy cluster (PEEC) was created in 2016 to improve the **efficiency of all types of energy use and reduce the negative impact on the environment** in Ivano-Frankivsk Oblast by improving of cooperation between business, science and the public sector.

The **mission** of the cluster is to promote energy efficiency and renewable energy development, promote energy efficiency solutions and start-ups that will help to transform Prykarpattya into the “**Green Innovation Area**”.

The Precarpathian eco-energy cluster’s **objectives** are to:

- Support and promotion of renewable energy sources, green technologies and innovations in the region;
- Dissemination of information on the benefits of "green energy";
- Experience exchange, achievement of mutual understanding, coordination of intellectual, economic, financial and industrial resources of the members of the PEEC.

Established
2015

Country:
Ukraine

Number of members:
26

Sector of activity:
Building and construction

Website:
<http://iceg.com.ua/>

Contact person: Svitlana
Reva

Phone number:
+380504114691

E-mail:
svitlana.reva@iceg.com.ua

Public Union “Interstate Consultants Engineers Guild” (ICEG)

ICEG is a FIDIC Affiliate Member, which represents globally the consulting engineering industry, Member of the European Federation of Engineering Consultancy Associations (EFCA). EFCA is a FIDIC representative in Europe and joins together 30 professional national associations of the European Union countries.

Cluster information

ICEG is an independent professional association that operates on **the principles of voluntariness, self-government, the free choice of the territory, transparency, openness and publicity.**

ICEG aims to harmonize current market model of **engineering and consultancy services** in Ukraine with internationally recognized industry standards by consolidating of scientific and technical capacity of Unions’ members and forming the strong expert community, able to effectively adapt in Ukraine the best world practices. In its work ICEG is guided by Articles of Association and current legislation of Ukraine.

Main goals of the Union:

- development and improvement the Ukrainian market of consulting and engineering services in the construction industry by the creation of the consulting engineers institute;
- increasing the role and importance of FIDIC standards in Ukraine;
- protection of rights and legal interests of ICEGmembers;
- improving the competitiveness of ICEG members;
- implementation of high ethical standards for consulting engineers;
- effective participation in fight corruption in the construction industry.

Established
2014

Country:
Katowice, Poland

International cooperation:
United States

Number of employees:
1-5

Number of members:
80

Number of SMEs:
44

Sector of activity:
Education and Knowledge Creation;
Electric Power Generation and
Transmission; Environmental Services

Technology fields: Energy
management; Clean Production/ Green
Technologies; Climate Change
mitigation

Cluster Excellence Label:
Bronze Label

Website: <http://www.spcleantech.com>

Contact person: Janusz Kahl, +48 601
33 68 80

E-mail: j.kahl@spcleantech.com

South Poland Cleantech Cluster

South Poland Cleantech Cluster is an emerging cluster in **cleantech industry (clean technologies)** in Southern Poland. The cluster includes four regions: Małopolska, Śląsk, Podkarpacie and Świętokrzyskie. This region **counting 12 million inhabitants** is one of the largest industrial regions in the EU.

Cluster information

South Poland Cleantech Cluster work on **developing, producing pro-environmental changes and eliminating negative ecological impact.**

The **mission** is to support sustainable and green growth in the region by participating in the creation and implementation of inclusive green growth policies, which will improve the social situation of inhabitants, promote the responsible management of natural resources and respect the delicate balance of the planet.

South Poland Cleantech Cluster wants also to be **a strong driver of economic development and the promoter of innovations** in the southern Poland by creating an active business environment for enterprises, especially SMEs, in order to collaborate with research institutions, suppliers, customers and competitors operating in the same geographical area.

The overall **objective** of the cluster is the realization of the state and the regions policy by providing a faster growth in the regions cleantech companies, creating new and attracting foreign companies, investment and talent. Only a **combination of technologies and working partnerships of expertise**, including integrated water systems, renewable energy, intelligent grids, smart city solutions and waste treatment systems **can deliver sustainable, multi-sectoral solutions.**



TRANSPORT AND LOGISTICS

Established

2006

Country:

Colombelles, France

International cooperation:

Morocco

Number of employees:

6-10

Number of members:

100

Number of SMEs:

68

Sector of activity:

Transport and Logistics

Technology fields: 3D printing

Machine Tools

Composite materials

Website:www.arianormandie.com**Contact person:** Vincent Civita**Phone number:** +33786029232**E-mail:**vincent.civita@arianormandie.com

ARIA Normandie

The Automotive Cluster of Normandy (ARIA Normandy) aims the development and the sustainability of regional **industry activities**.

Cluster information

The cluster focuses on **automotive industries, industrial production lines & tools, and Research & Development** (products and processes).

Originally, ARIA Normandy covered automotive industry; now, due to automotive reducing business in Western Europe, the cluster is spreading these activities to all other industries. Many commonalities exist between the different sectors (and markets) of industry.

The project focus is "**Industrial automation and IT**", "**Industrial Supply**", "**Production Engineering and Services**" and "**Research and Development**" (machines and technologies for production, automation, monitoring systems, etc). ARIA Normandy has a significant experience in automotive sector and is developing in other industrial sectors (for these SMEs). Based on the cluster strengths, e.g. high productivity and high quality industrial means, the important experience in automotive sector is fully adaptable to other business sectors.

Established
1998

Country:
Ukraine

Number of members:
21

Sector of activity:
Transport and Logistics

Website:
<http://ukrautoprom.com.ua>

Contact person: Efim
Hazan

Phone number:
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E-mail:
info@ukrautoprom.com.ua

Association "Ukrautoprom"

Ukrainian Motor Vehicle Manufacturers Association "Ukrautoprom" consists of more than 20 leading Ukrainian enterprises of **motor industry**, including ZAZ Plc., LAZ Plc., AvtoKrAZ and others.

Cluster information

The **main tasks of association** are to represent and defend the interests of the Ukrainian auto producers in international and state institutions, and to encourage coordination of enterprises in motor industry, taking into account world progress of production of transport vehicles trends.

The association "Ukrautoprom" developed **Strategy of motor industry development and adjusting of cars market over the period up to 2015**, which became a basis of the Ukrainian industrial policy named "Special National purpose economic program of motor industry development and adjusting of motor-car market up to year 2015".

Due to the active collaboration of specialists of association "Ukrautoprom" with the deputies of Ukraine – the representatives of parliamentary committees are developing particular branch legislative acts, directed on development and support the Ukrainian economy in the conditions of crisis, including motor industry.

Established
2014

Country:
Ukraine

Number of members:
3

Sector of activity:
Transport and Logistics

Website:
<http://ipark.info/en/index.html>

Contact person:
Kseniia Oush

Phone number:
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E-mail: k.oush@tis.ua

iPark

iPARK is a developing industrial park in the area of the biggest private port in Ukraine – TIS Group of Marine Terminals. This is a unique example of creating modern industrial and logistics cluster in Ukraine.

Cluster information

iPARK is an attractive opportunity for business expansion into Ukraine, Russia and Europe.

The industrial park is based on philosophy of **integrating manufacturing, logistics and support processes** on the territory of the largest container terminal in Ukraine. The preferences of doing business in iPARK include **state-of-the-art infrastructure, support in obtaining all necessary permits and common customs** bonded area with TIS container terminal.

iPark **offers direct access to private deep-water berths, as well as connection to main international transport corridors, access to railroads and proximity to the international airport of Odessa.**

Established
2006

Country:
Czech Republic

International cooperation:
United States

Number of employees:
1-5

Number of members:
75

Number of SMEs:
50

Sector of activity:
Automotive

Technology fields: Plastics,
Polymers
Automotive engineering

Cluster Excellence Label: Bronze
Label

Website: www.autoklastr.cz

Contact person: Adam Priechodský

Phone number: +420732339485

E-mail: a.priechodsky@autoklastr.cz

Moravian Silesian Automotive Cluster

Moravian-Silesian Automotive Cluster c.a. (hereinafter referred to as MAK) was established to increase competitiveness and to encourage innovation and export capacity of interconnected companies, entrepreneurs and institutions in the Region. It seeks to build a common identity of companies in the cluster and wants to create confidence and positive attitudes towards the **automotive industry** and the whole region.

Cluster information

The **mission** of the cluster is to create conditions and support competitiveness of the members for the sustainable development of the region.

The **vision** is to become an integrator of companies, educational and research institutions and other stakeholders whose activities support the development of the automotive industry in the region.

The Cluster is built upon main **values**:

- People, their knowledge and skills;
- Cooperation based on trust;
- Innovation and flexibility;
- Mutual benefits.

Established
2003

Country:
Hungary

International cooperation:
Turkey

Number of employees:
6-10

Number of members:
29

Number of SMEs:
27

Sector of activity:
Transport and Logistics

Technology fields:
Nanomaterials
Packaging for machines
Packaging for materials

Cluster Excellence Label: Other

Website:
<http://www.omnipack.hu/?lang=en>

Contact person: Zsolt Keresztúri,
+36304759638

E-mail: zsolt.kereszturi@dbh-group.com

OMNIPACK First Hungarian Cluster of Packaging Technology

The Cluster is a business building community, intended to maintain cooperation among its members and create economic advantages, with respect to business ethics.

Cluster information

Vision: they imagine the cluster in the future as a living example of an effective cooperation of smaller business entities and also a significant **reference-centre for those who handle environment friendly packaging materials**.

Field of operation: Cluster's main activity is in the field of **packaging technology**; however, it is open to meeting potential members not so familiar with the industry.

Cooperation to achieve common goals represents high priority in the cluster.

The bulk of Cluster members are **suppliers**, which means that they are not in the position of spending fortunes on technical developments.

With respect to this, the organization represent dual goals. Firstly, it must support members to enhance their position as suppliers by **technical developments**. Secondly, it must create fields with **specific formations where members meet end-users directly**.

Established

2011

Country:

Pécs, Hungary

International cooperation:

Brazil, Canada, China, United States

Number of employees:

1-5

Number of members:

29

Number of SMEs:

20

Sector of activity:

Automotive

Technology fields: Machine Tools
Machining (turning, drilling, moulding,
planning, cutting)
Moulding, injection moulding, sintering

Cluster Excellence Label: Bronze Label**Website:** www.ddgk.hu**Contact person:** Berta Szabo**Phone number:** +36 20 539 33 66**E-mail:** bszabo@pbkik.hu

South West Hungarian Engineering Cluster

The South West Hungarian Engineering Cluster that is authorised to use Accredited Innovation Cluster title is the biggest one in the region, both in respect of revenues and size of the Cluster members.

Cluster information

The cluster has been collaborating for over 5 years for the achievement of collectively determined goals, which are:

- **External market cooperation**, the strengthening of the cluster's internal market, the facilitation of collective capacity utilization;
- The development of intermediate and advanced level **engineering vocational training**;
- The suitable development of dual education;
- The development and operation of a platform for the exchange of experiences and information;
- The development of **shared innovative products**;
- Networking, meaning the development of professional connection systems with further sectors and clusters;
- The **facilitation of collective procurement** in the areas of energy, materials, services;
- The strengthening of collective appearance and representation in Hungary and internationally; as well as firm collective lobbying.

Established

2015

Country:

Sfantu Gheorghe, Romania

International cooperation:

Canada, Japan, Mexico, Taiwan

Number of employees:

1-5

Number of members:

34

Number of SMEs:

18

Sector of activity:

Automotive

Technology fields:

3D printing
Machining (turning, drilling, moulding, planing, cutting)
Electronic measurement systems

Website:

www.tmecluster.eu

Contact person:

Szende Mihálc, +40758802406

E-mail:

tmecluster@gmail.com

Transylvanian Mechanical Engineering Cluster

Mechanical processing industry plays a significant role in shaping the centre region's industrial profile consisting of Covasna, Harghita, Mures and Brasov counties. This industry has the potential to create links with other sectors such as automotive, agriculture, food, aviation, pharmaceutical, woodworking and more.

Cluster information

The objectives of the Transylvanian Mechanical Engineering Cluster are multiple: **participation and/or initiation of innovative projects, supporting “innovators”; common participation in national and international forums** etc.

Transylvanian Mechanical Engineering Cluster was founded in 2015 and at the moment has 34 members consisting of 18 Romanian manufacturing companies, 4 non-governmental organizations, 4 public institutions, 2 R&D centres, 3 professional schools and 3 chambers of commerce & industry.

TME Cluster main aim in 2018 is to **promote among SME's the concept, purpose and advantages of joining a cluster in this region.**

Established
2018

Country:
Ukraine

International cooperation:
Georgia

Number of employees:
1-5

Number of members:
26

Number of SMEs:
20

Sector of activity:
Transport and Logistics

Technology fields: Intermodal
Transport
Logistics
Railway Transport

Website: <http://ula-online.org/ua/>

Contact person: Karpenko Oksana

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E-mail: karpou_2004@ukr.net

Ukrainian Logistics Alliance

Ukrainian Logistic Alliance was organized by Ukrainian logistics companies for the development of a **logistic sphere, based on the principles of fair competition.**

Cluster information

The **mission:** developing of Ukrainian logistics system and strengthening of competitiveness market logistics services participants.

The **objectives** of Ukrainian Logistics Alliance:

- Formation and provision of comprehensive «door-to-door» services on the basis of principles of multimodality;
- Development and implementation of a single information management system for optimization, monitoring and management of logistics supply chains in the virtual space;
- Creation and operations of the modern Business Academy of Logistics on the basis of the use of information technologies for the professional training of specialists in the field of logistics;
- Creation and maintenance of a platform for the promotion and implementation of innovative ideas and start-ups in the field of logistics.



TEXTILE

Established
2000

Country:
Ukraine

Number of members:
196

Sector of activity:
Textile

Website:
www.ukrlegprom.org.ua

Contact person: Izovit
Tetyana

Phone number: +38067
231 61 26

E-mail:
izovit@ukrlegprom.org.ua

Association of Textile & leather industry enterprises UKRLEGPROM

"Ukrlegprom" was founded in 2000 and **unites voluntarily more than 200 leading light industry enterprises**, among which are the best companies of each sub-sector of light industry.

Cluster information

"Ukrlegprom" unites manufacturers-members of the Association, whose industrial production **makes up more than 60 percent of the total volume of light industry goods production in Ukraine.**

"Ukrlegprom", on the initiative and on behalf of light businesses, conducts work aimed at **protecting and lobbying the interests of domestic commodity producers.**

Ukrlegprom directs its activities to improve the working conditions of enterprises-members of the Association and is open to the entry of all willing enterprises and entrepreneurs.

The main areas of activity:

- Development of proposals on tax, customs, social, personnel policy, technical regulation in light industry;
- Representation of the interests of enterprises in the authorities on the resolution of problematic issues of economic activity;
- Organizational and informational support of enterprises for participation in national and international exhibition events, investment programs, etc.



Established
2017

Country:
Ukraine

**International
cooperation:**
Canada, Israel

Number of employees:
1-5

Number of members:
18

Number of SMEs:
12

Sector of activity:
Textile

Website:
<http://fcluster.kh.ua>

Contact person: Anna
Gladunina

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Kharkiv Fashion Cluster

"Kharkiv Fashion Cluster" is an initiative of Kharkov entrepreneurs, whose activities are supported by the city government and aimed at developing, supporting and enhancing the competitiveness of design and light industry enterprises in the region.

Cluster information

The mission:

- promotion of Cluster Members as an association that has capacious intellectual resources and production capacities, both on the domestic and global markets;
- attraction of investments in the Kharkiv region;
- strengthening of public interest in activities in the field of light industry and design.

The key objectives:

- Strengthening of market positions and increase of profitability of business projects of Cluster members;
- Creating favorable conditions and additional jobs for the able-bodied part of the population, increasing interest in the light industry and design;
- Strengthening the dynamics of economic development of Kharkiv and the Kharkiv region.



Established

2013

Country:

Sfantu Gheorghe, Romania

International cooperation:

China, South Korea, Turkey

Number of employees:

1-5

Number of members:

45

Number of SMEs:

25

Sector of activity:

Apparel; Information Technology and Analytical Instruments; Textile Manufacturing

Technology fields:

Computer Technology/Graphics; Meta Computing; Information Technology/Informatics; Advanced Textile Materials

Cluster Excellence Label: Bronze Label

Website: www.transylvaniatextile.com

Contact person: Gaszpor Eva,
+40745234161

E-mail: transylvaniatextile@gmail.com

Transylvania Textile & Fashion cluster

With a team of professionals in the textile field, Transylvania Textile & Fashion cluster have become a textile leader in very short time mastering the sales techniques as well as the sales methods. This brand offers a wide range of ready-to-wear textile for men, women and children.

Cluster information

The vision of the Transylvania Textile & Fashion cluster is to **create an environment in textile and clothing industry** in the Central region, where through the formation of a system of relationships and the value chain, all the while ensuring quality management, the sustainable development of the region can be established.

Main goals:

- Strengthening cooperation between cluster members, utilizing resources more efficiently;
- Sustainable development of the cluster – developing and strengthening the economic potential of productive firms;
- Establishing a strategy for regional development;
- Establishing national and international relations.



SITE VISITS



UNIT City

UNIT City is a unique **innovation park** designed for innovative growing businesses with international potential. It is a place with an established business ecosystem, personal community management, professional networking, international cooperation, talent opportunities and variety of programs focused on boosting company success.

UNIT City is building “**the city in the city**” with the most **innovative infrastructure**, which will include educational, business, cultural, medical, sports and entertainment facilities. The aim is to set up a comfortable space with a creative atmosphere and to provide companies with special services to enable them to fully concentrate on work and growth.

The innovation park is concentration of tech-oriented initiatives and programs for cooperation between entrepreneurs, experts, startups, corporate innovation offices, accelerators, educational initiatives and R&D centers, in order to boost business opportunities, stimulate synergy effect and grow common knowledge.

The site of UNIT City proactively stimulates interaction and cooperation between residents. To help the residents grow, the innovation park provides networking events, face-to-face interaction with experts and they connect people through various initiatives, in particular via their networking platform.

Key figures:

- 500,000 square meters for business, education and innovations
- 300 places in co-working this year
- 4 laboratories in 2018



Website: <http://unit.city/>

Contact: welcome@unit.city & +380672301368

Address: Dorogozhytska str. 1, Kyiv Ukraine

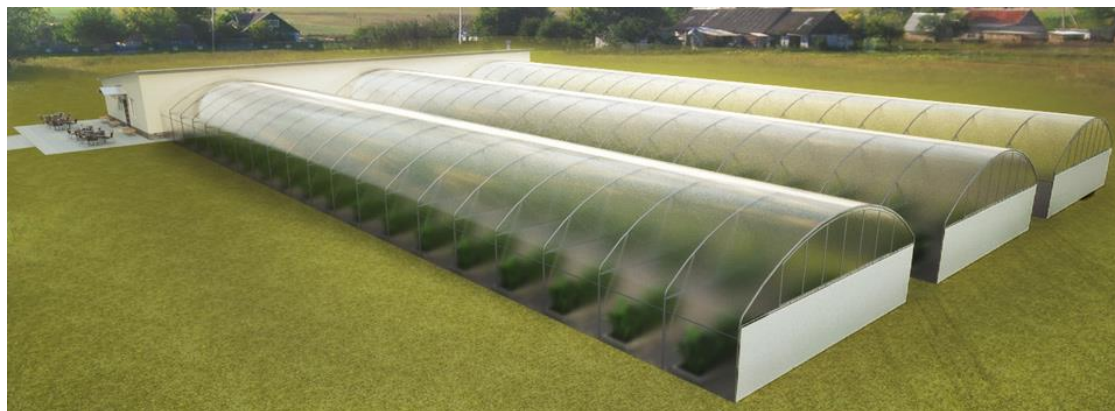


Green Garden Group

Green Garden Group is a start-up company, which was the first in Ukraine that built an innovative greenhouse complex in 2015 and start growing herbs and spicy grasses using aeroponic method.

Green Garden Group **grows organic greens and herbs** in its own facilities including green and violet basil, several kinds of salads, arugula, rosemary, mint, fízalis, etc.

The company focuses on **building greenhouse complexes using aeroponic method** when growing herbs. Aeroponic is one of the most progressive methods of growing plants in the world, allowing safe and eco-friendly cultivation. The group built its first large and innovative greenhouse complex of 2,000 square meters in 2015 in Letki (Kyiv region).



The company's main objective is to supply the domestic market with tasty, eco-friendly and high-quality Ukrainian products. The Green Garden Group commits itself to improving all business processes within the company's activity including development and extension of business contacts with their suppliers, partners and customers of the company.

Website: <http://greengardengroup.com.ua/en/o-kompanii/>

Contact: office@greengardengroup.com.ua

Address: Grodnenskiy Lane bud. 6A, office 4, Kyiv, Ukraine, 02090

Ukrainian Logistics Alliance

The Association "Ukrainian Logistic Alliance" was organised in 2005 by Ukrainian logistics companies for **the development of a logistic sphere, based on the principles of fair competition.**

Ukrainian Logistics Alliance's mission is to develop Ukrainian logistics system and to strengthen the competitiveness of its logistics participants.



The main objectives of the alliance are:

- Formation and provision of comprehensive «door-to-door» services on the basis of principles of multimodality;
- Development and implementation of a single information management system for optimization, monitoring and management of logistics supply chains in the virtual space;
- Creation and operations of the modern Business Academy of Logistics on the basis of the use of information technologies for the professional training of specialists in the field of logistics;
- Creation and maintenance of a platform for the promotion and implementation of innovative ideas and start-ups in the field of logistics.

Website: <http://ula-online.org/ua/>

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Address: 2a, Kostiantynivska, 04071 Kyiv, Ukraine