



EUROPEAN CLUSTER
COLLABORATION PLATFORM

EU-Singapore Matchmaking Event 2021

Catalogue of participants from
Europe

An initiative of the European Union





Introduction

In the context of the Singapore Week of Innovation and Technology (SWITCH) on 8-12 November 2021, the European Commission (EC) are organising the EU – Singapore Matchmaking Event, which will be held virtually on 11 and 12 November 2021.

The event is jointly organised by the European Commission and Enterprise Singapore (ESG) - with the support of the EU Delegation to Singapore, the Singapore Ministry of Trade and Industry and the Singapore Manufacturing Federation (ESF) and facilitated by the ECCP and the Enterprise Europe Network (EEN) including its local node “EEN Singapore”.

The current document presents a summary of the validated European entities, including the following information for each entity:

- Name;
- Country;
- Brief description;
- Link to ECCP profiles (only for clusters).

In the end, the document presents a summary of the number of entities per country.



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Clusters

Summary

The table below presents a summary of the participating clusters per country. Please note that some entities have more than one representative in the event.

Country	Cluster name
Belgium	Logistics in Wallonia
	Flam3D
Bulgaria	Health & Life Sciences Cluster Bulgaria
Finland	Agri-Food Cluster North Savo
France	Pôle Mer Méditerranée
	ALPHA RLH
	CIMES - Creating Integrated MEchanical Systems
	VEGEPOLYS VALLEY
Germany	Silicon Saxony e.V.
Ireland	it@cork
Italy	Cluster Legno Arredo e Sistema Casa FVG srl
	Cluster Fabbrica Intelligente
Lithuania	BCCS Cluster
Netherlands	Foodvalley NL & Food Innovation Hub Europe
Poland	Aviation Valley
	Polish Cluster of Composite Technologies
Portugal	PRODUTECH - Production Technologies Cluster
Romania	Danube Engineering Hub



Country	Cluster name
	Cluj IT
Slovakia	Industry Innovation Cluster
Spain	Cluster de Energía de la CV
	Cluster Alimentario de Galicia
	GAIA - Association of Knowledge and Applied Technologies from the Basque Country
	Packaging Cluster
Turkey	Anatolian Rail Transportation Systems Cluster-ARUS
	BASDEC - Bursa Aerospace&Defence Cluster
Vietnam/EU (SME Helpdesk)	South-East Asia IP SME Helpdesk

The clusters identified in the table above are shortly presented in the following section of this document.



Individual profiles

Logistics in Wallonia

Name	Logistics in Wallonia
Country	Belgium
Brief description	<p>Logistics in Wallonia (LiW) is the competitive cluster for transport, logistics and mobility in the French speaking part of Belgium. Its main aim is to foster and support innovation inside companies by the setting up of innovative collaborative projects associating companies and research organisations.</p> <p>LiW has a strategy which focuses on three pillars:</p> <ol style="list-style-type: none"> 1. the position of supply chain management inside companies; 2. the use of alternative modes and means of transport (including logistic equipment and buildings); 3. the action of peripheral conditions such as infrastructure, regulation and open data.
ECCP Profile	https://clustercollaboration.eu/content/logistics-wallonia

Flam3D

Name	Flam3D
Country	Belgium
Brief description	<p>Flam3D is the Benelux Additive Manufacturing Association. The Association unites and represents 120 companies, research institutes and (technical) Universities in the region, with the aim to create awareness on and business in Additive Manufacturing.</p>
ECCP Profile	https://clustercollaboration.eu/content/strategisch-initiatief-materialen-flam3d



Health & Life Sciences Cluster Bulgaria

Name	Health & Life Sciences Cluster Bulgaria
Country	Bulgaria
Brief description	<p>Health & Life Science Cluster Bulgaria (www.biocluster.bg) is a non-profit organization that united businesses and organizations with Key Activities focused on practical application of life sciences & health. Innovative companies in the field of drug discovery, genetic research, 3D human tissue printing, software solutions for medical and outpatient care, drug manufacturing, nutrition supplements, green technologies, bio-based technology, foodtech, agritech and many more.</p> <p>The cluster participates in the Management Board of the Bulgarian Bioscientific Society and in the Management Board of the Bulgarian Employers' Association for Innovation and Technology (www.brait.bg), which is legal successor of the Bulgarian cluster association), together with Automotive Cluster, Mechatronics Cluster, BAIT, BASCOM, ICT Cluster and others. The founding members of the cluster are into the core of the creation of The AI Cluster Bulgaria (www.aicluster.bg) in order to stimulate and create high value cross industry projects.</p> <p>The Cluster focuses its efforts on the development of a technology program at all levels: regional, national, and international.</p>
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/health-and-life-sciences-cluster-bulgaria

Agri-Food Cluster North Savo

Name	Agri-Food Cluster North Savo
Country	Finland
Brief description	<p>Agri-Food Cluster Pohjois-Savo fosters development of regional actors in agriculture and food sector for promoting vitality of the rural industries. The main aim is to develop partnerships, share knowledge and experiences, and to create project initiatives by coordinating and facilitating collaboration.</p>
ECCP Profile	https://clustercollaboration.eu/content/north-savo-agri-food-cluster



Pôle Mer Méditerranée

Name	Pôle Mer Méditerranée
Country	France
Brief description	<p>The ambition of the Pôle MerMéditerranée, innovation sea cluster is to sustainably develop the maritime and coastal economy in the Mediterranean sea and throughout the world by developing innovative projects and supporting development of companies.</p> <p>In the South Provence-Alpes-Côte d'Azur, Occitania and Corsica regions, the cluster brings together scientific and economic actors around maritime and coastal themes with high security and sustainable stakes.</p>
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/pole-mer-mediterranee-business-innovation-sea-cluster

ALPHA RLH

Name	ALPHA RLH
Country	France
Brief description	<p>The ALPHA - Route des Lasers & des Hyperfréquences® (ALPHA-RLH) competitiveness cluster works with companies and laboratories in setting up, evaluating and funding innovative projects.</p> <p>The cluster is based in the Nouvelle-Aquitaine region (Bordeaux, Limoges and La Rochelle) and brings together talents in Photonics and Microwave technologies. It facilitates progress and innovation at the service of the economic development.</p> <p>ALPHA-RLH is structured around two key Strategic Fields of Activity: Photonics-Lasers (laser sources and procedures, optical components, instrumentation) and Microwaves-Electronics (integrated circuits, radiocommunication systems, radar systems), with the support of digital tools (Digital Solutions & the Factory of the Future Cross-Disciplinary Field of Activity), and promotes the notion of collaborative innovation for the purposes of four markets (applied Strategic Fields of Activity):</p> <p>Health (Medical Devices and Autonomy): techniques for imaging, diagnosis and treatment, technological solutions for people suffering from a loss of autonomy</p> <p>Communications-Security: components or systems for data transfer, data and network security</p> <p>Aeronautics-Space-Defence: embedded optic/optronic systems, innovative solutions for making materials, communication, navigation, lighting</p> <p>Energy-Smart Buildings: solar technologies, lighting solutions, energy efficiency, energy storage, communicating or connected devices for buildings.</p>



ECCP Profile <https://clustercollaboration.eu/users/tovena-pecault>

CIMES - Creating Integrated MEchanical Systems

Name	CIMES - Creating Integrated MEchanical Systems
Country	France
Brief description	<p>CIMES is a French pôle de compétitivité (competitiveness cluster) located in both regions Auvergne-Rhône-Alpes and Nouvelle-Aquitaine and dedicated to mechanical engineering, manufacturing and production performance. Our mission is to coordinate the highly-innovative ecosystem gathering the stakeholders from industry, academic and research communities in order to think, develop and industrialize processes, products and services in the framework of Industry 4.0. We gather companies (SMEs and big groups), research centers (private and public) and education stakeholders with the aim of accelerating innovation and enabling the emergence of innovative collaborative projects. Our large ecosystem is composed of more than 400 members.</p> <p>We defend what we call the “culture of integration” meaning that we support the idea that digital technologies are useful tools for companies but not a stake in itself. Digitization must serve manufacturing companies' needs and challenges before all. This idea is fully integrated in our thematic roadmap built around three main topics: Engineering for Manufacturing, Materials and Surfaces, Integrated Robotics and Production Efficiency, Optimized engineering for sustainable systems. This roadmap enables us to develop our cross-sectoral dimension giving us the opportunity to deal with the traditional industrial sectors like aeronautics and automotive and to diversify our activity with sectors such as health, agriculture, agrifood and energy.</p>
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/cimes-creating-integrated-mechanical-systems



VEGEPOLYS VALLEY

Name	VEGEPOLYS VALLEY
Country	France
Brief description	<p>Coordinator of Plant Inter Cluster Network.</p> <p>VEGEPOLYS VALLEY is a competitiveness cluster gathering together companies, research and training centres in the plant field around innovative projects to strengthen the firms' competitiveness.</p> <p>VEGEPOLYS VALLEY, international plant cluster, gathers actors of the whole plant sector, from genetics to uses.</p> <p>In order to meet the environmental, economic and social criteria, VEGEPOLYS VALLEY aims to be the leading international plant cluster for more competitive, qualitative, environment and health-friendly agriculture. The cluster boosts and supports the innovation co-designing from upstream to downstream.</p> <p>Innovation targets 7 main axes:</p> <ul style="list-style-type: none"> - 3 for production <ul style="list-style-type: none"> o Varietal innovation and seeds and plants performance o Plant health o New technologies and practices for cropping systems - 4 for using <ul style="list-style-type: none"> • Plant for human and animal food • Nutrition for Prevention and Health, Well Being, Cosmetics • Agrocomponents and Bioprocessing • Urban Agriculture and Landscaping
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/vegepolys-valley

Silicon Saxony e.V.

Name	Silicon Saxony e.V.
Country	Germany
Brief description	<p>With more than 350 members, Silicon Saxony e. V. is the largest high-tech network in Saxony and one of the largest microelectronics and IT clusters in Germany and Europe. Since its foundation in 2000, Silicon Saxony has been a self-financed association linking manufacturers, suppliers, service providers, universities, research institutes, public institutions as well as industry-relevant start-ups in Saxony and beyond.</p> <p>The thematic focus of the cluster is on the technological trends of the present and future - e.g. artificial intelligence, robotics, automation, Internet of Things, sensor technology, energy efficiency, neuromorphes and edge computing. As a close cooperation partner of the Dresden Smart Systems Hub and the Leipzig Smart Infrastructure Hub, Silicon Saxony also offers direct access to the topics, projects and locations of the Digital Hub Initiative of the Federal Ministry of Economics.</p>



ECCP Profile	https://clustercollaboration.eu/cluster-organisations/silicon-saxony?pk_vid=eb6a9619e32072d31632212768baaac4
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it@cork

Name	it@cork
Country	Ireland
Brief description	it@cork is one of Ireland’s most established and connected technology clusters representing over 200 companies in the South West of Ireland. As a not for profit organisation, it@cork works with academia, industry and state agencies to provide upskilling and collaboration opportunities and promote the region as a technology excellence hub.
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/itcork

Cluster Legno Arredo e Sistema Casa FVG srl

Name	Cluster Legno Arredo e Sistema Casa FVG srl
Country	Italy
Brief description	Cluster Legno Arredo Casa FVG is the wood and furniture Cluster based in the north east of Italy. With more than 10 years of experience, the Cluster constantly support both SMEs and regional government within innovation, internationalization and certifications of products and processes.
ECCP Profile	https://clustercollaboration.eu/content/home-and-furniture-cluster-fvg

Cluster Fabbrica Intelligente

Name	Cluster Fabbrica Intelligente
Country	Italy
Brief description	The National Cluster “Fabbrica Intelligente” is a recognized association with the aim of implementing a strategy based on research and innovation for the competitiveness of Italian manufacturing. It is the only table at which all stakeholders involved in the fate of Italian industry sit simultaneously: companies, business associations, regions, universities and research institutions.



ECCP Profile	https://clustercollaboration.eu/cluster-organisations/cluster-fabbrica-intelligente
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BCCS Cluster

Name	BCCS Cluster
Country	Lithuania
Brief description	<p>BCCS Cluster is a consortium of private and public sector organizations created to boost the development of innovative products and services. Our core expertise is in ICT domains: Blockchain, Cybersecurity, Software Development. As well as, soft domains: Legal, Compliance, Communication, and Dissemination.</p> <p>The One-Stop Approach. One-stop approach uses a pull-based value chain strategy. A strategy where products and services are developed based on the identified market needs.</p> <p>The BCCS Value-Chain No single organization can master it all. That is why BCCS believes in solving important challenges through collaborating, innovating, and going to market together with our members and partner network. The value-chain approach benefits organizations by:</p> <ul style="list-style-type: none"> - increasing the speed-to-market; - accessing know-how and expertise in one place; reducing costs and overhead. <p>BCCS Cluster can provide the following experience and expertise in:</p> <p>Blockchain:</p> <ul style="list-style-type: none"> - BCCS has established Blockchain Lithuania Competence Center. - Blockchain infrastructure - Dapps (Decentralized Applications) - NFT (Non-Fungible Tokens) - Tokenization & Digital Assets - DeFi (Decentralized Finance) - Smart Contract Development <p>Software Development:</p> <ul style="list-style-type: none"> - Custom software development - Web and Mobile app development - Artificial intelligence & Machinelearning - Consultancy - Dedicated teams - UI/UX



Cybersecurity:

- Comprehensive audits Penetration testing (pen. tests) Social engineering
- Outsourcing CISO, and more Managed services
- IoT security audit Implementation of security solutions
- ISMS
- IoT security audit

White-label:

- EU EMI fintech agent-license
- KYC/KYB, Antifraud solutions
- Core Banking
- Issuing cards Card processing
- Cryptocurrency exchange
- Cryptocurrency monitoring
- Correspondent banking

Compliance:

- -Industry & regional legislative requirements GDPR, PSD2, PCI-DSS, ISO 27000, and other.
- Risk management
- Data Privacy & Data Protection Full implementation of AML/CTF - Internal governance structure & internal compliance
- Drafting of supporting policies and procedures
- Assistance with daily operations

Legal:

- EU Fintech licensing
- Corporate services
- Intellectual property
- Local and international tax PR and social media - communications
- Representation for various government agencies

Marketing

- Branding and visual identity Marketing strategy
- Content marketing
- Search Engine Optimization (SEO) Performance marketing

PR and social media communications Community management

ECCP Profile

<https://clustercollaboration.eu/content/bccs-blockchain-cybersecurity-and-compliance-solutions-cluster>



Foodvalley NL & Food Innovation Hub Europe

Name	Foodvalley NL & Food Innovation Hub Europe
Country	Netherlands
Brief description	Foodvalley NL is the independent platform for innovation and transition of the global food system. Since 2004 Foodvalley NL has been developing and strengthening an international ecosystem of organizations that work together to realize this transition: the Foodvalley ecosystem. We work closely with corporates, SMEs and governments at every level, and with renowned educational and research institutions.
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/foodvalleynl

Aviation Valley

Name	Aviation Valley
Country	Poland
Brief description	<p>SGGPL Dolina Lotnicza (Aviation Valley Association) was started on April 11, 2003, as a non-profit organization, as a means to furthering the rapid development and growth of the aerospace industry in southeastern Poland. This historic decision was convinced by a group of leading aeronautic producers, suppliers and businessman.</p> <p>The cluster gathers 173 Polish entities: 160 aerospace companies, 3 regional development agencies and three technical universities and others. Aviation Valley is the first developed aerospace cluster in the Eastern Europe.</p>
ECCP Profile	https://clustercollaboration.eu/content/aviation-valley-dolina-lotnicza?pk_vid=fa6e35bf9b3d218816303066790a3feb



Polish Cluster of Composite Technologies

Name	Polish Cluster of Composite Technologies
Country	Poland
Brief description	<p>Polish Cluster of Composite Technologies / Polski Klaster Technologii Kompozytowych (PKTK) is a platform for cooperation of entities operating in the field of composite technologies, including universities and scientific, research or development units, as well as entrepreneurs, inventors, business support units and other persons or institutions that are Partners of this Agreement. Main goals of Polish Cluster of Composite Technologies:</p> <ul style="list-style-type: none"> • Collaboration with international partners, • Promotion of Polish technologies, companies and institutions involved in the production, research and design of composite elements in Europe, • Promotion of international technologies, companies and institutions involved in the production, research and design of composite elements in Poland, • Establishment a strong entity representing the needs of the composite industry, • Improved promotion at Polish and international fairs and conferences, • Improvement of knowledge in the field of composite materials, • Implementation of joint research projects, • Facilitating the cooperation of Polish companies with foreign partners,
ECCP Profile	https://clustercollaboration.eu/resource-efficiency-support-provider/polish-cluster-composite-technologies



PRODUTECH - Production Technologies Cluster

Name	PRODUTECH - Production Technologies Cluster
Country	Portugal
Brief description	<p>PRODUTECH is officially recognized by the Portuguese Government as the management organization for the Production Technologies Cluster (National Cluster).</p> <p>PRODUTECH is an initiative promoted by the Portuguese Industry of Manufacturing Technologies, gathering more than 100 associated production technologies companies and R&D organizations.</p> <p>The cluster's mission is to promote the sustainable development of the Production Technologies Industry and its client sectors, through the articulated cooperation between stakeholders, notably Industry's key players, R&D organizations and other entities, and by the implementation of strategic integrated projects, addressing innovation, cooperation and internationalisation.</p> <p>PRODUTECH is also the coordinator of PRODUTECH Digital Innovation Hub [DIH] , officially recognised by the Portuguese Government as National Digital Innovation Hub, candidate to integrate the future European Digital Innovation Hub. PRODUTECH DIH gathers 19 R&D organizations, within the mission to support the digital transformation of the Manufacturing Industry.</p>
ECCP Profile	https://clustercollaboration.eu/content/produitech-production-technologies-cluster

Danube Engineering Hub

Name	Danube Engineering Hub
Country	Romania
Brief description	<p>Danube Engineering Hub aims to harmonize and represent the interests of businesses, research, administration and catalyst entities in order to increase economic competitiveness and create skills, sustainable and sustainable development, internationalization of members, professional development of managers and employees, management of a common database, participation in national and European networks, increasing the innovation potential of enterprises.</p>
ECCP Profile	https://clustercollaboration.eu/content/danube-engineering-hub



Cluj IT

Name	Cluj IT
Country	Romania
Brief description	Founded in October 2012, Cluj IT 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 creating a strong sustainable public – private partnership.
ECCP Profile	https://clustercollaboration.eu/content/cluj-it-cluster

Industry Innovation Cluster

Name	Industry Innovation Cluster
Country	Slovakia
Brief description	<p>Nine companies and organizations under the auspices of the French-Slovak Chamber of Commerce created the Industry Innovation Cluster (IIC) on June 9, 2017 with the ambition to become an accelerator for innovation in Slovak industry.</p> <p>IIC aims to bring together companies that are leaders in the Slovak industry and want to move Slovakia forward in competitiveness and innovation.</p> <p>At the beginning of the official establishment of the IIC, a Memorandum on the Establishment of a Cluster on the premises of the PSA Groupe in Trnava Slovakia was signed.</p> <p>The founders are PSA Groupe Slovakia, Železničná spoločnosť Slovensko (Railways of the Slovak Republic), HB Reavis, Gefco, Faurecia, Plastic Omnium, Orange Slovakia, Colas and Slovak Lines.</p> <p>Cluster's activities are to improve Slovak industrial competitiveness, foster cooperation in sharing innovative ideas and know-how in the innovations and technology sector, foster cooperation between the academic and business sectors, develop new financial instruments from public and private sources, foster an innovation ecosystem in the Slovak Republic, identify possible R&D cooperation opportunities among members and universities, share management of larger innovation projects with advisory and coaching opportunities, perform a broad range of activities in the area of funding from EU grants and other types of financing, create and share useful know-how among members of the IIC.</p>
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/industry-innovation-cluster-slovakia?pk_vid=d9daa8a38ac31eea1631177718207402



Cluster de Energía de la CV

Name	Cluster de Energía de la CV
Country	Spain
Brief description	<p>The Energy Cluster of the Valencia Region (CECV) is a non-profit association that comprises by companies, of different sizes and nature, knowledge entities, such as all the public universities of the Valencian Community and the Technological Institute of Energy, and public organizations, all of them acting in the sectors of Energy, Water and Environment.</p> <p>The transversal nature of these areas allows the cluster to address cooperation and business opportunities with virtually any sector, with companies with a great expertise in renewable energies, energy efficiency, smart cities, electromobility, digitalization, Industry 4.0., circular economy, sustainable construction, waste valorisation and also formation.</p> <p>The Cluster is recognized by the Spanish government as an Innovative Cluster, known as AEI - Agrupación Empresarial Innovadora.</p> <p>The cluster also belongs to various international entities and platforms and participate with the government in various work teams related to our sectors.</p> <p>The organizations and companies together, counting on the Cluster as a catalyst, promote and stimulate the activity of Research, Development and Innovation, as well as Cooperation and international expansion.</p>
ECCP Profile	https://clustercollaboration.eu/resource-efficiency-support-provider/energy-cluster-valencia-region

Cluster Alimentario de Galicia

Name	Cluster Alimentario de Galicia
Country	Spain
Brief description	<p>The Galicia Food Cluster (Clusaga) articulates an organised structure of the Galician food industry, in a broad sense, integrating businesses, as well as innovation and research bodies and other organisations, in cooperation processes, making it possible to reap benefits from the implementation of actions and collaborative projects and reaching a critical mass, strengthening the international competitiveness and visibility of the sector.</p>
ECCP Profile	https://clustercollaboration.eu/content/galicia-food-cluster



GAIA - Association of Knowledge and Applied Technologies from the Basque Country

Name	GAIA - Association of Knowledge and Applied Technologies from the Basque Country
Country	Spain
Brief description	<p>GAIA's mission is to boost the development and growth in the Engineering, Consulting, Electronics-IT and Telecommunications sectors, and to favor the assimilation and efficient usage of the sector's technologies, with the aim of collaborating in the development of the Information and Knowledge Society.</p> <p>It is a regional Cluster and it promotes the Networking with the key stakeholders within the Basque Country, and policy and ICT Deployment to the industry within the region.</p> <p>GAIA represents the ICTA sector (Knowledge and applied technologies industries), which constitutes a competitive advantage to accelerate the transformation of companies, territory and society with the aim of positioning Basque Country in the New Economy.</p>
ECCP Profile	https://clustercollaboration.eu/content/gaia-association-knowledge-and-applied-technologies-industries-basque-country

Packaging Cluster

Name	Packaging Cluster
Country	Spain
Brief description	<p>Constituted by Catalan companies in 2012, today it groups more than 100 active members between companies, knowledge centers 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.</p> <p>The main objective of the Packaging Cluster is to help to improve the competitiveness of the companies that make it, in order to generate more and better business for companies and organizations in the world of packaging.</p> <p>This improvement comes from the promotion of networking, knowledge and business, which are worked by six strategic axes which have an annual plan of activities to reinforce and consolidate their respective actions.</p> <p>Notably, the Packaging Cluster has the support of all the administrations, working closely with them to impact heavily on the overall economy. In that sense, there are three key certifications for the world of clusters.</p> <p>The entity is integrated into the Program Catalonia Clusters ACCIÓ, is a cluster registered as Innovative Business Association (AEI) by the</p>



Ministry of Industry, Energy and Tourism and received the European qualification gold cluster management by the European Cluster Excellence Initiative (ECIS).

ECCP Profile

<https://clustercollaboration.eu/content/packaging-cluster>

Anatolian Rail Transportation Systems Cluster-ARUS

Name	Anatolian Rail Transportation Systems Cluster-ARUS
Country	Turkey
Brief description	ARUS, which has set itself the main goal of producing domestic and national brand rail transportation systems from design to the final product in our country and making its members to a global brand, brings the leading institutions and companies of the rail industry together and undertakes the task of producing National brands, providing cooperation and collaboration in sector.
ECCP Profile	https://clustercollaboration.eu/content/anatolian-rail-transportation-systems-cluster

BASDEC - Bursa Aerospace&Defence Cluster

Name	BASDEC - Bursa Aerospace&Defence Cluster
Country	Turkey
Brief description	Bursa Aerospace and Defence Cluster established in 2013 with the participation of all businessmen associations in Bursa by Bursa Chamber of Commerce and Industry with 122 companies. The cluster today with 122 members carries on its activities in defence and civil aviation sector. The cluster achieved to convert and adopt the existent capabilities acquired from automotive, rail systems, composite and advanced textile industry of Bursa to defence and civil aerospace sectors.
ECCP Profile	https://clustercollaboration.eu/cluster-organisations/bursa-aerospace-defence-cluster



South-East Asia IP SME Helpdesk

Name	South-East Asia IP SME Helpdesk
Country	Vietnam/EU
Brief description	The South-East Asia IP SME Helpdesk supports European Union (EU) and COSME small and medium sized enterprises (SMEs) to both protect and enforce their Intellectual Property (IP) rights in or relating to South-East Asian countries, through the provision of free information and services. These take the form of jargon-free, first-line, confidential advice on intellectual property and related issues, plus training, materials and online resources.
ECCP Profile	https://clustercollaboration.eu/users/seaip



Companies

Summary

The table below presents a summary of the participating companies per country.

Country	Company Name
Austria	ACECon e.U. - Environmental & Efficiency Consulting
	Pessl Instruments
Estonia	BioChemTec OÜ
Greece	QCELL
	Metabio
Ireland	Realtime Technologies Ltd
Italy	SNAP4 S.r.l.
	Tre Bio S.r.L.
	UBT SRL (Umbria Bioengineering Technologies)
	gecosistema
	Social IT srl
Malta	Mediterranean Academy of Culture, Technology and Trade
Poland	ForMeds Export
	Flint Sim Sp. z o.o.
	SEEDiA Sp. z o.o.
	BioMinds Healthcare
	Techmo



Country	Company Name
	PMC Project
	EGZOTech
Portugal	Nymrod Confino (Independent)
Romania	ADA
	Asti Automation
	Cyber Threat Defense
Spain	IPRINT3DSPARES S.L
Turkey	Nature and Science Biyoteknoloji Endüstrileri Ltd.
Ukraine	LLC "Engineering and technical complex "Avtomatika"
	VYTVIR UX/UI design and Branding
	NLRP LLC
United Kingdom	Modex

The companies identified in the table above are shortly presented in the following section of this document.



Individual profiles

ACECon e.U. - Environmental & Efficiency Consulting

Name	ACECon e.U. - Environmental & Efficiency Consulting
Country	Austria
Brief description	“We are your competent companion for all questions regarding increasing the efficiency of the resource and energy use of your company! You can rely on our know-how and use our experience from more than 25 years of successfully accompanying organizations of various sizes and industries.”

Pessl Instruments

Name	Pessl Instruments
Country	Austria
Brief description	Metos is global organization with over 60,000 weather stations working worldwide to monitor various environments. For over 35 years, Pessl Instruments has been developing intelligent farming solutions and a digital decision support system to help farmers and landowners improve the quality of their crop, increase yields and reduce waste, resulting in increased ROI. Right now we have developed a complete range of wireless, solar powered monitoring systems, and an online platform.

BioChemTec OÜ

Name	BioChemTec OÜ
Country	Estonia
Brief description	BioChemTec is a private technology development and implementation company utilizing its own proprietary patents protected technology platform. Using sugar derivatives from renewable agricultural crops, by-products and waste as raw material, the BioChemTec technology platform starts with an exceptionally efficient fermentation process that results in a C3-biobased-intermediator - a Lactic Acid derivative. Following proprietary chemical conversion allow cost-effective production of targeted biobased platform chemicals such as 1,2-PDO (Propylene-Glycol), Tri-Propylene-Glycol (most efficient diesel-fuel additive), acrylic acids, etc. Proteins of the feedstocks (e.g. cereals) are separated, processed, enriched with essential amino acids, minerals and fibres and are consumed as food and feed.



QCELL

Name	QCELL
Country	Greece
Brief description	<p>QCELL has invented the spectral vision platform technology that see's the chemistry behind the colours.</p> <p>The company has leveraged its IP-protected technology to developed and produce a series of derivative optical imaging systems in the fields of Medical, Crop and Marine Imaging.</p> <p>The team has a successful track record in developing innovations from concept to commercially successful products and a proven capacity in designing and executing international clinical trials, in achieving regulatory clearance, including FDA approval and in drafting and prosecuting patent applications.</p> <p>The Company operates alongside the multidisciplinary academic environment of Crete, having access to the advanced research lab facilities of the Technical University of Crete and to the local public and private medical centers. The company is an integrated part of this ecosystem, a significant privilege facilitating prototyping, proof of concept studies and pilot-level clinical validations, all together contributing to shortening time-to-market. In parallel, the company has established a strong international network of Key Opinion Leaders and consultants supporting strategic planning and implementation.</p>

Metabio

Name	Metabio
Country	Greece
Brief description	<p>Metabio's technology provides methods of added value for biobanks, while addressing the current and future needs of both patients and the industry as a whole. The e-MetaBio platform collects, stores and manages data related to human biosamples, providing an optimized efficient service, which increases the efficiency and value for the biosample related industries. e-MetaBio's, e-MetaHealth sub platform for patients is a disease specific platform, provides easy of access to researchers, is able to be integrate into existing systems and explore friendly. Data are collected longitudinally from four separate sources, the patient, the healthcare provider, the biobank and the researcher, and can be either stored locally within a network or in the cloud, depending on the end user's needs. e-MetaBio platform is a valuable tool for biobanks and repositories, as it integrates data from four separate sources: i) pre-acquisition data from healthcare structures (EMRs, EHRs),</p>



ii) health status data (iii) research data corresponding to biological sample cohorts and (iv) data related to the management and analysis of biosamples by biobanks. All systems comply with national and international laws and ethics (GDPR & HIPAA).

Realtime Technologies Ltd

Name	Realtime Technologies Ltd
Country	Ireland
Brief description	<p>Realtime Technologies is an Electronics Manufacturing and refurbishment company where we focus in the Medical, Aerospace, Automotive, Renewable Energy sector and more. Reliable manufacturing and PCB Assembly service provider with over 25 years in the industry. Company us located in Clonsaugh, Dublin (5 mins from Dublin airport and 10 minutes from Dublin port) with additional facilities in the Czech Republic where we offer worldwide services.</p> <p>Realtime Technologies is one of the Printed Circuit Board Manufacturer & Assembly Leaders in Ireland. Realtime Technologies provides fast lead times, affordable prices, reverse logistics and post-sales services.</p> <p>Company's facilities have quality standard certificates: AS 9100D & ISO 9001: 2015, ISO13485: 2016 (Medical) and IPC610 To find out more, visit https://www.realtime.ie/ or https://www.linkedin.com/company/realtime-technologies-official/</p>

SNAP4 S.r.l.

Name	SNAP4 S.r.l.
Country	Italy
Brief description	<p>SNAP4 S.R.L. is an innovative start-up, spin-off of the University of Florence, which offers FIWARE based software solutions, technological infrastructures and services for the acquisition and management of data of any type and format, for big data analytic and management activities in order to enable innovative decision support solutions (data analytics, decision support, visual analytics) for cities, industries, citizens, through the use of artificial intelligence and internet of things technologies. Solutions are powered by the Snap4City infrastructure, an official "powered by FIWARE" Solution, developed and maintained by the DISIT Lab of the University of Florence, and distributed completely in open source.</p> <p>SNPA4 proposes an interoperable, flexible and modular solutions, able</p>



to aggregate data coming from a variety of different sources and domains (open data, GIS geographical data, proprietary data, users' personal data, data from IOT / IOE sensors, social media, etc.) and with any protocol, to accelerate the production of data analysis algorithms based on Artificial Intelligence and Machine Learning technologies, dashboards and decision support applications for the city and decision makers, citizens and industries, in a simple and intuitive way, with no-coding/low coding.

Tre Bio S.r.L.

Name	Tre Bio S.r.L.
Country	Italy
Brief description	Founded in 2016 in Italy, TRE BIO is working to bring true sustainability to agriculture of future. Our world's food, feed and farming systems currently face multiple challenges ranging from increasing hunger, climate change, and biodiversity loss. The way we produce and consume food & feed can either alleviate or exacerbate these conditions. TRE BIO works to find new solutions to address those challenges.

UBT SRL (Umbria Bioengineering Technologies)

Name	UBT SRL (Umbria Bioengineering Technologies)
Country	Italy
Brief description	UBT SRL is an innovative biomedical SME which is developing a portfolio of medical imaging devices based on cutting-edge safe microwaves technology instead of dangerous ionizing radiation (x-rays).



Gecosistema

Name	gecosistema
Country	Italy
Brief description	GECOsistema is a specialist company providing advanced engineering cloud-web, data-science and modelling studies and services in the field of: water, energy, natural hazard risk assessment, air and noise pollution.

Social IT srl

Name	Social IT srl
Country	Italy
Brief description	Social IT is an innovative business and consulting entrepreneurship for the deployment and introduction of innovative ICT solutions for the management of social and health care services. The functionalities of our solutions include the management of the clinical and assessment data, as well as the management of the caregiver staff from an administrative point of view. Our mission is to help our clients obtaining the highest levels of efficiency and effectiveness in the care delivery process, proposing ourselves as a valuable partner in the healthcare sector with integrated and cutting-edge IT solutions. Our clients can be public entities or private companies delivering services to private citizens. Social IT has a young and dynamic Research and Innovation Section, which keeps developing expertise by participating (and coordinating) to several projects, both at national and international level, contributing to the development and internationalization of the Italian territory. Thanks to a well-established network of strategic business partnerships and collaborations with universities, research organizations and public entities, Social IT implements cutting-edge engineering products and services.



Mediterranean Academy of Culture, Technology and Trade

Name	Mediterranean Academy of Culture, Technology and Trade
Country	Malta
Brief description	<p>The Mediterranean Academy of Culture, Technology and Trade is a higher education institution, licensed by the National Commission for Further and Higher Education of Malta (license no. 2020-005), that wants to be at the forefront in the context of the current euro-med, trying to give answers to the challenges and visions of our time.</p> <p>Located in Malta, in the heart of the Mediterranean, the Academy explores such diverse topics as cultural planning in the digital era, new processes of immigration, urban cultural strategies, complex systems and data management, the future of the city in terms of sustainability energy and capital, new strategies for the Mediterranean economy. The Academy, with a diverse and highly specialized training, tries to give an answer to the real problems on a large scale, through the themes incorporate the specific local instances.</p>

ForMeds Export

Name	ForMeds Export
Country	Poland
Brief description	<p>ForMeds® is a Polish company, founded in 2012. Since the very the beginning we have specialised in the production of dietary supplements without chemical additives.</p> <p>The dietary supplements are offered in innovative forms, which made it possible to exclude synthetic additives typical for tablets, such as: fillers, anti-caking agents, dyes, sweeteners, plasticisers, thickeners, binding agents and disintegrates. The products' shelf life is assured not by preservatives, but properly selected ingredients and sealed packaging. Offering dietary supplements of the highest quality is the company's top priority. Natural ingredients and the lack of additional chemical substances are absolutely vital. Our recipes and dietary supplements are easily bioavailable and meet the needs of our customers. We also make sure that the combined vitamins are not mutually exclusive. The development of a new recipe and each stage of testing is subject to strict control. We have a qualified team of experienced specialists. Manufacturing process is very restricted and compliant with HACCP norms. We use modern production lines to guarantee best quality. The ingredients of dietary supplements are raw materials of the highest quality provided by reputable suppliers.</p>



All ForMeds® dietary supplements are listed in the Chief Sanitary Inspectorate’s Registry and in the Medicine and Healthcare Product Database.

Flint Sim Sp. z o.o.

Name	Flint Sim Sp. z o.o.
Country	Poland
Brief description	<p>Flint Systems is a part of Flint group. While the whole group is devoted to wide range of VR/AR related solutions - Flint Sim is focused on producing complete, tailor-made training VR simulators for many industries.</p> <p>Company is based on qualified engineers, developers and designers. We take care of simulation solution holistically - from initial hardware design, hardware platform building in connection to proprietary simulation software.</p> <p>In Flint we stay on top of the latest technology like VR (virtual reality), hand tracking, optical position tracking and other to prepare the most immersive, 1:1 with real equipment experience and training possibilities for our Clients.</p>

SEEDiA Sp. z o.o.

Name	SEEDiA Sp. z o.o.
Country	Poland
Brief description	<p>SEEDiA is a Polish tech company that builds innovative ecological solar furniture, storing electricity from renewable energy sources. Our team consists of experienced professionals with engineering background who are passionate about ecology and the chances that renewable energy sources bring to the world. The company’s performance focuses on the Smart City industry, providing intelligent infrastructure that allows to optimize city services and reduce costs by up to 43%. It is fully energy-autonomous and ecological - by collecting solar energy with photovoltaic panels, it ensures uninterrupted work efficiency.</p>



BioMinds Healthcare

Name	BioMinds Healthcare
Country	Poland
Brief description	Providing superior neurorehabilitation effectiveness and experience with virtual and augmented reality solutions

Techmo

Name	Techmo
Country	Poland
Brief description	Techmo connects technology with its business application. Together with partners, Techmo implements solutions which permanently improve existing business organization systems. In particular, the company raises the standard of communication with clients, optimize crucial processes and facilitate day-to-day work experience.

PMC Project

Name	PMC Project
Country	Poland
Brief description	Design and production of control gauges, jigs, fixtures, tooling. Automation of production processes - OEM machines. Automation of quality control. Tooling for quality control.



EGZOTech

Name	EGZOTech
Country	Poland
Brief description	EGZOTech develops advanced EMG-based rehabilitation technologies like Luna EMG robot and Stella BIO. Company's mission is to empower physical therapists and to help their patients to recover. EGZOTech is based in Poland and especially focused on neurological and orthopaedic physiotherapy. At the same time, our technology is used in ICU, oncology, paediatric departments, geriatric and elderly homes.

Nymrod Confino (Independent)

Name	Nymrod Confino (Independent)
Country	Portugal
Brief description	An independent BD representative, currently helping over half a dozen companies expand their activity in France and Portugal.

ADA

Name	ADA
Country	Romania
Brief description	For 26 years, ADA is providing companies with software solutions for product lifecycle management, integrated with complete services, essential for any product development starting with analysis phase, testing, implementation, continuing with training sessions and dedicated support and is a recognized line builder using the SDIS solutions: Process Simulate OLP, Process Simulate Virtual Commissioning, Point Cloud, Process Simulate Human, Plant Simulation, Plant Simulation Virtual Commissioning.



Asti Automation

Name	Asti Automation
Country	Romania
Brief description	<p>ASTI Automation, company founded in 2002, is one of the youngest members of ASTI group. Since 1990, when the first ASTI company was established, ASTI has been a constant promoter of the most advanced automation systems in Romania.</p> <p>Currently, the company is acting in industrial automation field, participating in projects in sectors such as oil and gas, automotive, food industry, chemical industry, and urban utilities.</p> <p>Expertise: Industrial Automation and Technical Training Solutions.</p>

Cyber Threat Defense

Name	Cyber Threat Defense
Country	Romania
Brief description	<p>Cyber Threat Defense is a security consulting company, founded by senior penetration testers and security managers, offering certified Cyber Security Services of highest quality possible, for clients in UK, US, EMEA and Middle East. We're a team of professionals with years of experience in various security services, passion for research and staying up to date with the latest security trends and a background that gives us a thorough understanding of security controls and their specific weaknesses. Armed with proficiency in multiple security application tools, network technologies and operating systems, as well as a knack for translating complex security aspects into business terms, we cover a wide range of industries from E-commerce, Medical, Telecommunication, custom software products and many others.</p>



IPRINT3DSPARES S.L

Name	IPRINT3DSPARES S.L
Country	Spain
Brief description	<p>Through the iPrint3Dspares platform created by E4-3D Engineering for additive manufacturing Ltd, company's aim is to disrupt the automotive spare parts market by selling digital design files under-license instead of physical parts.</p> <p>With its e-commerce marketplace iPrint3Dspares and a factory-in-a-box system will reduce the need for vehicle dealerships, fleets and service centres to order parts from off-site.</p> <p>The company is the first platform that sells car parts digital design files, tested and certified to be printed on-demand on-site.</p> <p>Focus areas: Blockchain , AI based- Digital supply chain for spare parts providing effective logistic management , fast delivery time and reduced CO2</p>

Nature and Science Biyoteknoloji Endüstrileri Ltd.

Name	Nature and Science Biyoteknoloji Endüstrileri Ltd.
Country	Turkey
Brief description	<p>The company is producing and exporting dried fruits, spices and olive oil in Izmir, Turkey. The products are apricots, figs, raisins and sultanas. The company can package in several types and bespoke packages. The company can supply over 2000 tons of product year round. The products are produced according BRC and ISO 22000 standards.</p>

LLC "Engineering and technical complex "Avtomatika"

Name	LLC "Engineering and technical complex "Avtomatika"
Country	Ukraine
Brief description	<p>LLC "Engineering and technical complex "Avtomatika" creates automation tools and systems under the SAKURA® trademark. Also, under the guidance of Doctor of Technical Sciences, Professor of NTUU "KPI" Ivan Pukhovoy, we are developing new green projects on the use of the heat of water crystallization in the production of renewable energy (heat and ice).</p>



VYTVIR | UX/UI design and Branding

Name	VYTVIR UX/UI design and Branding
Country	Ukraine
Brief description	<p>A marketing agency that brings value to the business in UX/UI website design, branding, packaging, creative ads and web development. The company combines creative hearts and technical minds to find an outstanding solution that will help to level up.</p> <p>Web: https://vytvir.com/en</p> <p>Behance - https://www.behance.net/vytvir</p>

NLRP LLC

Name	NLRP LLC
Country	Ukraine
Brief description	<p>LOCOMOTIVE MODERNIZATION</p> <p>«NLRP» LLC modernizes diesel locomotives. It includes a replacement of the operational diesel engine with diesel from Cummins (USA), Caterpillar (USA), ABC (Belgium)</p>

Modex

Name	Modex
Country	United Kingdom
Brief description	<p>Everything we do at Modex is driven by our mission to solve real-life problems and respond to real business demands by making blockchain adoption affordable, fast and easy for enterprises of any size. Our solution, Modex Blockchain Database (Modex BCDB) facilitates industry-wide blockchain adoption by combining blockchain technology with traditional data storage mechanisms into a patented hybrid solution that helps public institutions and companies benefit from security, immutability, data integrity – without major investments, special</p>



training or year-long implementations. In over four years, using cutting-edge technologies and with a clear strategy, Modex has evolved from the world's first app store for blockchain into a complex ecosystem designed for developers' needs and enterprises looking for blockchain solutions. Modex offers fully integrated services designed to solve the last mile adoption problem of blockchain and aims to make blockchain user-friendly for every single device or person.



Summary

The table below presents a summary of the number of clusters and number of companies validated, per country. Please note that some entities have more than one representative in the event.

Country	Number of clusters	Number of companies
Austria	0	2
Belgium	2	0
Bulgaria	1	0
Estonia	0	1
Finland	1	0
France	4	0
Germany	1	0
Greece	0	2
Ireland	1	1
Italy	2	5
Lithuania	1	0
Malta	0	1
Netherlands	1	0
Poland	2	7
Portugal	1	1



Country	Number of clusters	Number of companies
Romania	2	3
Slovakia	1	0
Spain	4	1
Turkey	2	1
Ukraine	0	3
United Kingdom	0	1
Vietnam/EU (SME Helpdesk)	1	0
TOTAL	27	29