

# Meet the Most Promising Clusters of Lithuania





# Health Technology Intellect and Science Synthesis



## About us

**Founded:** 2011

**Sector:** Health

**Members:** 25

**Cluster turnover:** >92 mln. EUR

**Employees:** >2500

**R&D expenditure:** >1,5 mln. EUR

## Field of activities

- e-Health (wearables, sensors, etc.)
- sport technologies
- rehabilitation technologies



HEALTH CARE



E-HEALTH



REHABILITATION



SPORT EQUIPMENT



SMART TEXTILE



HEATED TEXTILE



SPORT SCIENCE



NUTRITION

## Looking for

- New international projects ideas (Horizon Europe, Erasmus+, Eurostars, BSR Innovation Express and other) in the area of AI in health, health monitoring, smart textile, active ageing, digitalization.
- Knowledge and best-practice exchange including cross-sectorial collaboration.
- International events, business missions and educational training.



**Cluster Manager**

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# Smart Food Cluster

## About

The main body representing Lithuanian food and beverages sector abroad. Smart food cluster managed by Lithuanian food exporters association (LitMEA).

- 20 members
- > 60 export markets
- ~6000 employees
- 750 mln EUR turnover

## Activities

- B2B, B2R&D matchmaking
- Developing and producing innovative products
- Export promotion projects

## Internationalization

- Member of the Eastern Europe Food Clusters Network
- Cross-sectorial cluster innovation
- Transnational cluster platforms
- Cluster internationalization along the value chain
- SMEs globalization via clusters



### Cluster Manager

Giedrius Bagušinskas

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[www.smartfoodcluster.com](http://www.smartfoodcluster.com)



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# Lithuanian Automotive Export Association LAUGE



## About

**LAUGE** cluster joins Lithuanian manufacturing and exporting companies which provide the automotive products for the aftermarket.

Cluster collaborates with various business companies, state institutions, non-governmental organizations, research and product development units and other entities with similar activities.

## Objective

Mutually beneficial cooperation. Since the cluster consists not only of business companies, but also of scientific institutions, we have better opportunities to employ scientific potential, develop and test new automotive parts and other products.

## Why us

- A wide range of high quality automotive products
- Laboratories
- Internships and research possibilities

## Looking for

- Cooperation in R&D&I projects
- Data basis for automotive aftermarket business expansion
- Reliable partners or agents in different markets
- Cooperation in EU projects



### Cluster Manager

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# National Food Cluster (NaMUK)



## About

Lithuanian Network of Cooperation between Business Enterprises in the Food Sector and Research Institutions. The cluster, located in an open access centre where some of the strongest research and experimental development base in the Baltics is concentrated.

## Objectives

Replace the low value-added chains to high added value chains.

- concentrate human, financial, organizational, infrastructural and technological resources on Lithuanian niche markets.
- organize the continuous participation of the network participants in the acquisition of skills, knowledge and information, enabling them to become active and competitive players in the market.

## Why us

- A wide range of studies in the food sector.
- A great deal of experience from scientists.
- Certification of safe, healthy and responsibly designed product for cluster members.



**Cluster Manager**  
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## Looking for

- Cooperation in EU projects.
- Cooperation in R&D&I projects.
- Knowledge and best-practice exchange including cross-sectorial collaboration.
- International events, business missions and educational training.





# Vilnius Film Cluster



## About

Established in 2011, Vilnius Film Cluster currently unites over 30 leading companies of the audiovisual sector and one of the largest universities in Lithuania

## Why us

- Talented and highly skilled crews
- Competitive prices
- Cash rebate for Film production activities

## Looking for

- We are ready to service your next production
- We are looking for projects for co-production
- We are open to other forms of international cooperation

## Main activities

We Co-produce and Line Produce.

We provide full range of film and TV production services:

- Camera, lighting and grip
- Set construction
- Props & Set Dressing
- Costumes
- Casting & Auditions
- Post-production
- New state-of-the-art Film stage



### Cluster Manager

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# Lithuanian Plastic Cluster



LITHUANIAN PLASTIC CLUSTER

## Why us?

- Extensive experience working with business in Western Europe and Russia
- Flexible business relations
- Skilled workforce
- Full value chain
- Strong engineering skills and expertise plus R&D potential
- More than 20% of the Lithuanian Plastics Industry
- 107 M EUR turnover
- >900 employed

## Activities

- Injection moulding
- Extrusion
- Blowing
- Design
- Tooling
- Prototyping
- Thermoforming
- Subcontracting
- Education



### Cluster Manager

LINPRA director, export manager,  
Baltic automotive cluster director  
Darius Lasionis  
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## Looking for

- Production and trade of parts and components for suppliers, developing value chain with the aim to save costs or time;
- Organization of visits, trade missions to know better potential suppliers or manufacturers in Lithuania;
- Identification and initiation of business-relevant joint projects to develop together new products and/or R&D services.



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# Photovoltaic Technologies Cluster

## FETEK



FETEK

### About

Cluster of 37 business and research entities (including 5 universities) with focus on smart products and niche markets.

Established in 2008.

### Why us?

- Solar Cell Materials Testing Laboratory
- Solar Cell Manufacturing Processes Research Laboratory
- Solar Modules Testing Laboratory
- Photovoltaic Applied Research Laboratory
- Photovoltaic Demonstration Laboratory

### Main activities

- Photovoltaics technology development and implementation to manufacturing
- R&D of new generation solar cells with novel materials
- Solutions for energy efficient and energy generating buildings
- Cost reduction solutions for photovoltaics systems
- Power electronics for green energy efficiency
- Novel thermal storage R&D
- Industry 4.0 solutions for photovoltaics industry

### Available equipment

- AAA class flash simulators
- Spectral response
- Electroluminescence measurement and thermography
- BBB class steady state solar simulator
- Surface profiler
- Climate chambers
- UV exposure chamber
- Laboratory laminator
- Gel content
- Insulation resistance



#### Cluster Manager

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### Looking for

- Participation in joint projects
- Cluster internationalization



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# Laser & Engineering Technologies Cluster LITEK™



## About us

Established in 2011

**Mission:** to support and increase the cooperation between science and business in the field of lasers and engineering technologies.

The main export markets outside of the EU are the US and China.

Since 2015 LITEK™ operates a training and research center.

The LITEK™ cluster network extends to some 50 companies, of which almost half are the early stage ventures.



### Cluster Manager

Julius Paužolis

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## Why us?

- Dedicated team of professionals with wide network of contacts in the European and global photonics sector, using a task-driven lean management approach for delivering results in short iterations.
- One-stop-shop reaching photonics industry in Lithuania.

## Services

- Matchmaking and promoting links between R&D and industry
- Tailored partner and distributor search
- Society building events for cluster members
- Joint booth organizing in tradeshow
- Inter-sectorial leads generating
- Supporting internationalization of SME's
- Initiating innovation workshops and projects
- Innovation potential audits for SMEs
- Applied research, prototyping services, small-batch manufacturing



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# NEBULA Cluster

# NEBULA

FILM & VISUAL ARTS

## About

Films & visual arts production house that gathers industry professionals.

Creative studios, animators, visual effect specialists, video game developers, film production companies, virtual and augmented reality innovators - all together thrive on cross-boundary co-operations as well as providing best possible services and innovate our own authentic products.



## Main activities

Linking audio-visual industry professionals in:

- Film & video production
- Immersive Technologies
- VR, AR, XR
- Animation
- CGI, VFX
- Digital media
- App development
- Educational activities

## Why us?

- Nebula unites audio-visual production professionals, and together we are constantly looking for innovative projects, business opportunities, especially in new trending areas such as immersive technologies.
- We can offer a variety of services in different fields that make as a complete package.
- We enjoy producing high quality products, delivering services as well as creating authentic content and products.

### Cluster Managers

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# Biopower Plant Development Cluster



## About

Our cluster was established in 2013 to join efforts of academia institutions with several business companies to develop innovative biogas, biomethane and biofertilizers technologies to meet growing demand of renewable energy sector in Lithuania and abroad.

## Main activities

- R&D in the following fields:
  - ✓ increase of biomethane content in biogas
  - ✓ biogas upgrading technologies
  - ✓ innovative fermentation
  - ✓ extraction of bio-ammonia, production of biofertilizers and biohumus
  - ✓ utilization of the second generation CO<sub>2</sub>
- Engineering and manufacturing of novel biomethane production equipment.
- Promotion of biomethane as a fuel for light, heavy and agricultural transport.

## Why us?

- Joint of R&D and business
- Close cooperation with key biomethane market stakeholders in Lithuania

## Looking for

- Partners working within advanced anaerobic digestion, biogas and biomethane production technologies.
- Users and traders of biomethane.
- Participation opportunities in Horizon Europe and other programmes related to circular economy.



### Cluster Manager

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# Laser Micromachining Cluster Toolas

# Toolas

## About

**Established:** 2015

**Sector:** Applied photonics, development of technologies for industry applications

**Members:** 6

**Export:** >70%

**Cluster turnover:** >4 mln. EUR

## Why us?

Innovative solutions in the area of laser micromachining

## Main activities

- Laser micromachining (semiconductor industry): optical engines
- Lasers
- Beam delivery devices
- Photonics components

## Looking for

- Participation in international projects
- Knowledge and best-practice exchange including cross-sectorial collaboration



**Cluster Manager**

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# Cleantech Cluster Lithuania



CLEANTECH  
CLUSTER  
LITHUANIA

## About

**Cleantech Cluster Lithuania** connects clean technology companies, science and research institutions and other entities which contribute with their professional knowledge, skills, business activities, reputation and experience in pursuit of common goals of increasing the competitiveness of the cluster members and positioning Lithuania as a country of clean technologies.

## Services

Cluster facilitates the collaboration between its members, provides innovation support services and access to a strong network of cleantech experts, organizes various events (conferences, seminars, training), participates in a dialogue with policymakers, raises awareness of climate crisis, and promotes the products and activities of its members.

## Why us?

Climate change is one of the most pressing issues of our time. Cluster members are fighting it by providing high-added-value solutions in renewable energy, mobility, waste management, clean agriculture and aquaculture, air, water and soil quality, food and packaging.

## Looking for

Cleantech Cluster Lithuania is looking for partners in the cleantech/greentech field and is open for cross-sector collaboration.



Water Treatment  
& Equipment



Clean Agriculture  
& Aquaculture



Energy



Food &  
Packaging



Air & Soil  
Quality



Transport &  
Mobility



Waste Management  
& Recycling



Cluster Manager

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# Lithuanian Social Innovation Cluster



## About

Established in 2020.

Based on common values and goals, cluster strives for systemic positive change and breakthrough in the country by empowering communities for transformation, co-creation and finding new and effective solutions for emerging social challenges.

We are the fast-growing network of reliable, socially responsible partners aiming for a smart human-centered future society. We create effectively functioning and sustainable ecosystem and aim to strengthen the trust and respect based culture of communication and cooperation between institutions and companies in different levels and fields.



## Main activities

- Developing social educational innovations
- Incubating innovative social entrepreneurship initiatives
- Rethinking and renewing cultural heritage for community activities
- Educating society and engaging local communities in social problems solving
- Providing quality expert services and mentoring in the social innovation field
- Developing cooperation with international partners

## Why us?

- A reliable and sustainable partnership
- Professional expertise
- A systematic and integrated approach to decision making
- Cross-sectoral and inter-institutional synergies

### Cluster Manager

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# Life Sciences Digital Innovation Hub Lithuania



## About

**Founded:** 2019

**Sector:** Life Sciences

**Members:** 16

**Cluster turnover:** >25 mln. EUR

### Fields of activities:

- Biotechnology
- Molecular biology
- Genomics/Epigenomics
- Bioinformatics

## Why us?

- Partnership oriented community
- Multidisciplinary projects oriented cluster members
- Specialized life sciences incubator by 2023

## Services

- New projects in life sciences innovation, especially - bioinformatics
- Promoting digital innovation in the life sciences
- Developing methods for processing and analyzing big research data
- Fostering the growth of life sciences start-ups (R&D environment and acceleration)
- Providing comprehensive assistance in the development of new products

## Looking for

- Partners/members developing digital products/tools for the life sciences industry
- Cooperation in national and EU projects, networking initiatives
- Cross-sectorial and international networking, sharing of experiences and good practices for the life sciences industry



### Cluster Manager

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# ECO Homestead Cluster

## About us

Established in 2020.

**Mission:** to create a standard and help to pave a path for sustainable living in Lithuania's regions and their sustainable development.

Cluster unites different organizations with the similar values and goals, who seek to make a better living in the region in harmony with the environment, society and their needs.

Its approach is based on sustainable circular business models and practices in order to make some positive impact by building strong eco-community and network.

## Main activities

- Agro eco-innovations
- Sustainable innovations
- Eco construction
- Waste management and recycling

## What are we looking for?

- Partners and members are creating and developing products and tools for sustainable living in our specified sectors.
- International cooperation with similar organizations in order to obtain and exchange good practices and knowledge.
- Collaboration in national and international projects for sustainability.



### Cluster Coordinator

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# Food Technologies Digitalization LT



## About us

Established in 2019

15 members from 5 countries: LT, DNK, FIN, SE, LV

- Engineering and production companies - stainless steel equipment and road tankers for transportation
- Companies of dairies processing milk products
- Apple juice producers
- Vegetable oil companies
- Agricultural companies, cultivating apples
- Suppliers of Digital solutions
- Logistic companies, transporting liquid food products
- R&D institutions and business educational organizations

## Why us?

Our companies are leaders in Europe:

- Our produced equipment is not delivered only in the Antarctic continent!
- Over 85% of the company's production is exported to countries such as Finland, Sweden, Norway, France, Germany, Belgium, Holland, Italy, Russia, Ukraine, USA, etc. countries.

## Services

- R&D activities in food technology development related to liquids: milk, juices, oils, chocolate, etc.
- R&D activities in food technology development related bulky products: cereal flakes, flour, pasta, dry milk proteins, whey proteins, promising sweeteners, xylitol, groats, etc.
- Training for cluster members.
- Projects for development an internal and external cooperation network between business, science and services providers in the Food Digital Technology industry.

## Looking for

- Digitization of food industry technologies on the principles of "Industry 4.0".
- International markets and networks.
- Solutions for the safe transportation of liquid foods.
- Cooperation in R&D&I projects.
- Cooperation in EU projects for development of competency for cluster members.



### Cluster Manager

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### Chairman of the Board

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# Waynord IT Cluster

waynord  
CLUSTER

## About us

- Group of specialized software development companies, which have united to complement each other's strengths and work seamlessly together to provide with top notch software development services, solutions and customer care.
- **Waynord** helps the companies to evolve and achieve more using the power of IT.
- The Lithuanian **Waynord** companies present the best of Eastern and Northern Europe: talented, ambitious and result oriented people as well as the nordic values of credibility, transparency, and cooperation.

## Why us?

- **Value orientation.** It's all about the result and value generated.
- **Credibility & prevention.** We think and identify potential challenges and take early action to make sure we deliver.
- **Transparency.** It's the only way to have a long-term relationship and internal peace.
- **Cooperation.** We believe in team play, inclusion and working closely with the whole value chain.

## Our Technology Drivers

PHP, Java, JavaScript, HTML5, CSS3, Python, Objective-C, AngularJS, jQuery, C #, F #, .NET, ASP.NET, WEB API, MVC, Symfony, Zend, Yii, Drupal, CRM, type Script, ES5, jQuery, knockout, React, Note, Magento, TYPO3 MultiShop, MSSQL, NoSQL, MongoDB, Event Store, SASS, Android and iOS, Prestashop, Laravel, WP, Odoo, Wordpress, ImpressPages.



### Cluster Manager

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# Digital Rocket LT



DIGITAL ROCKET LT

## About us

**Digital Rocket LT** was founded in the largest innovation community in Lithuania at Kaunas Science and Technology Park.

The Cluster focuses on Digitalisation of Cities public services, creation of new products and services in order to improve citizen life quality by focusing on Health-tech, Green-tech, Energy management and Robotization areas of activities.

- 20 companies
- 180 professionals

## Activities

1. **Digitalization** of Public Services, management systems solutions (ERP) for public institutions, data-driven analyses of transportations and citizen life quality.

2. **Health-tech** for prevention, diagnoses, social care, and treatment for the wellbeing of the citizens.

3. **Green-tech solutions** for sustainability through NMBP, resources and waste, energy saving projects of public buildings, focus on connected public buildings, also Green-tech based transportation and mobility solutions, accessibility around the city and etc.

4. **Smart City** for the general public areas of the cities, communication with citizens and their wellbeing, data regulations, transportation, and smart grids and etc.



**Cluster Manager**

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# Association of Lithuanian Printing Industries LISPA



Baltic Printing &  
Services Cluster

## About us

**LISPA** cluster unites reliable manufacturers of packaging, labels, commercial printing, books and other printed products.

**Founded:** 1994

**Sector:** Printing and Packaging

**Cluster turnover:** > 340 million EUR

**Members:** 20

Our members have been operating in the market for more than 20 years, constantly investing in new technologies, ecological solutions, employee competence training and innovations.

## Why us?

- Quality printing and packaging
- Small editions are possible
- Reliable manufacturers
- Ecological and innovative solutions

## Looking for

- B2B, B2R & D matchmaking
- Cooperation in EU projects (Eurostars, BSR Innovation Express and other)
- Knowledge and best-practice exchange including cross-sectoral collaboration



### Cluster Manager

Kristina Rakauskaitė

[www.printingcluster.lt](http://www.printingcluster.lt)

[www.lispa.net](http://www.lispa.net)

## Main activities

Production of high quality books, magazines, commercial printing, packaging and labels.



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# Blockchain Cybersecurity and Compliance Solutions Cluster



**BCCS**

## About us

**BCCS** Cluster is a collaboration of private and public organizations created to boost the development of innovative services and solutions for the Fintech and Cyber-Defense industries.

## Services

- **Technology** (Software development, blockchain / DLT, AI/ML, cyber security, R&D)
- **Legal & Compliance** (EU regulation, IP & data protection, corporate, tax, AML / CTF)
- **Business Development** (market research, business model design, economic assessment, investments)
- **Marketing** (marketing strategy, SEO, PR & social media communications)

## Why us?

- Our flexible one-stop approach of corporate expertise and startup agility helps companies looking to innovate, start-ups looking to scale, and everyone in between.
- Whether you are building a new service in an existing organization, or starting from scratch, we help you at each step of the product and business development life-cycles.
- Our Cluster works alongside you and provides customized, strategic and effective solutions tailored to your business needs.



**Cluster Manager**  
Andrius Petkevičius



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