



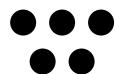
Wallonia Tech UK 2025

Advanced Manufacturing & Materials

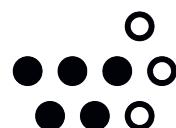
Manchester - Sheffield - Birmingham

& Advanced Manufacturing Trade show

October 27 - 30



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Wallonie - Bruxelles
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ORGANIZERS

WALLONIA EXPORT & INVESTMENT AGENCY (AWEX)

The Wallonia Export & Investment Agency is the institution in charge of the development and management of Wallonia's domestic and international economic relations.

Through a personalized, innovative, and sustainable approach, AWEX supports Walloon companies - regardless of their size, sector, or target market - in every step of their international endeavors. This includes exports, technological partnerships, and development abroad.

The agency's vast network of connections ensures the best advisors are always by your side. Our local anchors and agents abroad are capable of providing unparalleled insight to take your company to the next level. In addition, our connections will help establish your business in the global marketplace and promote it throughout the world. Training, incentives, and international financing are also available.

AWEX is also committed to strengthening Wallonia's position as the premier gateway for international investors seeking success in the heart of Europe. We work closely with them to inform, convince, and advise in every stage of their development.

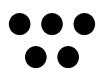
Feel free to get in touch with one of our local or international agents via our websites listed above.

In our network of more than 400 employees in nearly 100 countries around the world, there is always someone ready and willing to support you in your approach.

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<https://www.linkedin.com/company/wallonia-export-investment-agency/mycompany/>



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EXPORT
INVESTMENT

WALLONIE-BRUXELLES INTERNATIONAL (WBI)

Wallonia-Brussels International (WBI) is the public agency responsible for the international relations of Wallonia-Brussels. It is the instrument of the international policy conducted by the Wallonia, the Wallonia-Brussels Federation, and the French Community Commission of the Brussels-Capital Region, federated entities of Belgium. Through agreements with 70 countries and regions WBI support bilateral collaboration projects, mainly on the academic, scientific and cultural sectors.

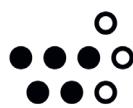
The main objective of the Research & Innovation Unit of WBI is to actively build networks between research and innovation actors of Wallonia, Brussels and other countries. By promoting partnerships in international and European research projects and stimulating an open innovation approach in the field of international scientific and technological cooperation, the Unit supports synergies in the internationalisation of academia, research institutes and innovative spin-offs.

A network of 10 Scientific and Academic Counsellors, based in leading innovation eco systems ensures the Unit's presence abroad. These counsellors promote international R&I cooperation through EU funding programmes, establish strategic partnerships, and provide information on science, technology, and innovation policies and opportunities. They also coordinate working R&I trips, implement bilateral agreements, connect with foreign R&I organisations, and monitor emerging scientific trends.

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In attendance



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ENTREPRISE EUROPE NETWORK (EEN)

The Enterprise Europe Network (EEN) helps businesses innovate and grow on an international scale. It is the world's largest support network for small and medium-sized enterprises (SMEs) with international ambitions.

The Network is active worldwide. It brings together experts from member organisations that are renowned for their excellence in business support.

Our support:

- Finding an international partner
- Comply with the European regulatory framework
- Access new markets abroad
- Access financing opportunities
- Enforce European legislation
- Giving your opinion to the European Commission

WALLONIA EXPORT & INVESTMENT AGENCY, WALLONIE-BRUXELLES INTERNATIONAL and INNOVATE UK BUSINESS GROWTH are all EEN member organisations.

In Wallonia, the EEN consortium is coordinated by Wallonia Export and Investment Agency (AWEX), together with Wallonie Entreprendre and Wallonie-Bruxelles International (WBI): AWEX (Coordinator): internationalisation support, access to foreign markets, expertise on European legislation, facilitation of transnational partnerships.

Wallonie Entreprendre: access to financing, support to SME internationalisation through business transfer, innovation support (including IP), promotion of sustainable development.

WBI: development of European funded projects, promotion of Wallonia-Brussels actors abroad, networking with international partners in Belgium and worldwide, strategic expertise and monitoring for the internationalisation of Wallonia-Brussels institutions and operators.

Together, these three partners offer Walloon SMEs, and R&I organisations integrated expertise and personalised guidance, strengthening their ability to expand, innovate, and thrive internationally”

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<https://www.eenwallonia.be>
<https://www.wallonieeurope.be/>
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Walloon Delegation - Attending Entities

WITH THE SUPPORT OF: THE WALLOON ADVANCED MANUFACTURING
INNOVATION ECOSYSTEM

MADEINWAL



<http://www.linkedin.com/company/madeinwal>



Contact:

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MadeInWal brings together a dynamic ecosystem of 80+ partners – companies, universities, research centres, clusters, and skills centres – to accelerate innovation, foster collaboration, and simplify access to support and funding. For international partners, MadeInWal is the single entry point to this entire ecosystem. By engaging with us, you gain direct access to Wallonia's expertise, infrastructure, and industrial opportunities.

Key benefits for our partners:

- Collaboration on cutting-edge R&D and innovation projects
- Access to shared technological platforms and infrastructure
- Opportunities in digital and green industrial transformation
- A gateway to the full Walloon manufacturing and innovation community

AGC PLASMA TECHNOLOGY SOLUTIONS



<https://www.agc-plasma.com/>



Plasma
Technology
Solutions

Contact:

Louis DELLIEU - Business Development Manager Europe
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AGC Plasma Technology Solutions specializes in advanced vacuum coating equipment and processes, utilizing plasma technologies like magnetron sputtering and PECVD to deposit functional nanolayers on various substrates. Serving industries such as architectural and automotive glass, textiles, solar energy, and electronics, they offer sheet-to-sheet and roll-to-roll coaters, custom-built machines, and prototyping services to bridge R&D with industrialization.

ANY-SHAPE



<https://any-shape.com/>



Contacts:

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AnyShape is a Belgian company specialized in advanced additive manufacturing (AM), offering a one-stop-shop end-to-end solutions for high-performance components in plastic, metal, polymer, and multi-materials. We serve demanding and critical industries such as aerospace, automotive, defense and medtech.

Our services include design optimization (DfAM), prototyping, small-to-medium series production, and post-processing, with a strong focus on quality, traceability, and functional performance. We are ISO 9001, AS/EN 9100 and ISO 13485 certified.

We aim to bring to the UK market our expertise in producing complex, high quality and customized parts where conventional manufacturing reaches its limits. Our agility, engineering support, and flexible production capacity make us an ideal partner for innovation-driven companies.

What sets us apart is our application-centric approach, deep materials know-how, and ability to co-develop solutions tailored to our clients' most strategic challenges. We don't just print parts, we help industrial players rethink the way they design and produce critical components.

We are actively looking for strategic collaborations, R&D partnerships, and business development opportunities in the UK ecosystem.

CENAERO



<https://www.cenaero.be/>

Contact:

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CENAERO (private, non-profit) is an applied research centre located in Gosselies, Belgium. Its ambition is to drive innovation in the industry based on advanced methodologies and tools in the field of numerical simulation, optimisation and data analytics. CENAERO counts more than 80 highly skilled engineers and PhDs specialised in numerical methods, materials, structures and manufacturing processes modeling, computational fluid dynamics, physics and applied mathematics.

Mainly active in the aerospace industry, CENAERO is also diversified in manufacturing and process industry, as well as energy and built environment.

CENAERO cooperates with both regional SMEs and international companies (e.g. SAFRAN group) through direct contracts and collaborative research programs at the Regional and European scales. In that sense, CENAERO is strongly involved in EU projects as partner or coordinator (Horizon Europe, EuroHPC, ErasmusNet, Interreg).

CENAERO is the operator of the Regional Tier-1 High Performance Computing facilities (LUCIA).

COEXPAIR



<https://www.coexpair.com/>

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Coexpair S.A. is a Belgian company based in Namur, specializing in advanced composite manufacturing technologies for aerospace, defense, and space applications.

It designs and produces high-performance equipment for RTM (Resin Transfer Molding) and SQRTM (Same Qualified Resin Transfer Molding) processes, known for their precision, efficiency and cost-saving opportunities for high-rate aerostructures.

Key products include:

- Injection systems and presses for composite molding,
- High-precision molds,
- Fiber placement machines for thermoplastics and thermosets,
- Industrial software such as Floware™, Maestro™, and Master™ for process control and synchronization.
- Coexpair offers custom solutions tailored to specific industrial needs.

In addition, Its expertise covers composite part design, thermal and mechanical analysis, and technical training.

The company is EN 9100 certified, ensuring quality for demanding aerospace and defense sectors. It collaborates with global leaders like Airbus, Safran, Spirit AeroSystems, and General Atomics.

In the UK, Coexpair can offer:

- Advanced composite manufacturing equipment for multicell (flaps, aileron) or stiffened structures (wings, HTP),
- Engineering including business cases and training services,
- Technological partnerships for aerospace and defense innovation.

With its expertise and innovation, Coexpair is a valuable partner for UK industries aiming to modernize their composite production capabilities.

CRM GROUP



www.crmgroup.be



Contact:

Cédric GEORGES - Unit Manager
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CRM Group (Centre for Research in Metallurgy) is an independent research organization funded in 1948. In addition to its historical steel mission, CRM Group has developed activities in circular economy, energy transition, digitalization and advanced manufacturing. These are aimed at multi-sectoral applications such as defence, chemistry, aeronautics, energy and the environment.

With its members and partners – large companies and SMEs – CRM Group is committed to contributing to a better future addressing economic, societal, and environmental challenges across industries.

Specific development for the mission: advanced manufacturing including laser cladding, DED (repair and/or manufacturing), thermal spray, cold spray - alloy & coating development, surface treatment of additive parts.

FERONYL



www.feronyl.com

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Anthony DESPRES - International Affairs and
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Feronyl is a Belgian advanced manufacturing company specializing in ultra-lightweight, high-precision components made from engineered polymers, composites, and hybrid materials. With over 65 years of expertise and certifications including ISO 9001 and EN 9100, we serve demanding industries such as Defense, Aerospace, Medical, Energy, Filtration, Transport & Engineering, Industrial, and Civil Engineering.

Our core capabilities include:

- High-performance injection molding (polymers, metal-replacement solutions)
- Composite molding and Out-of-Autoclave technologies
- Additive manufacturing for prototyping and series production
- Hybrid assemblies and system integration

Applications in the UK Market

- Aerospace & defense: lightweight structural and protection parts
- Medical: precision, biocompatible polymer components
- Energy & transport: durable, weight-saving components for efficiency
- Industrial & filtration: advanced, performance-driven solutions
- Competitive Advantage

What sets Feronyl apart is our ability to combine polymers, composites, and additive manufacturing in a single production ecosystem, delivering lighter, stronger, and more cost-efficient solutions. Our focus on material science, proprietary know-how in hybridization, and strict compliance with international defense and aerospace standards ensure UK partners benefit from innovation, reliability, and security of supply.

INNOVATIVE COATING SOLUTIONS



www.incosol4u.com

Contact:

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dmu@incosol4u.com

At ICS, we specialise in solving complex surface engineering challenges through advanced thin-film and coating technologies.

We offer tailor-made solutions using vacuum plasma processes such as Physical Vapour Deposition (PVD) and Plasma-Enhanced Chemical Vapour Deposition (PECVD). We can coat a broad range of substrates, including metals, polymers, ceramics, glass, carbon composites, and materials with challenging chemistries. Whether you need to treat components a few nanometres in size or several metres across, we have the expertise and infrastructure to deliver. Our coatings include pure metals, oxides, nitrides, carbides, alloys, and functional polymers.

We work with industries such as automotive, defence, energy, jewellery, and additive manufacturing, and are always open to exploring new applications. In addition to coating services, we offer Virtual Coater, a simulation software for process development and optimisation.

This unique tool enables manufacturers to refine plasma coating processes before conducting real-world trials, thereby saving both time and cost. Our mission is not just to coat materials, but to deliver advanced surface solutions that create real value for our partners.

IONICS



www.ionics-group.com

Contact:

Aida NASIRI – COO
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IONICS offers cutting-edge plasma equipment, technologies, and solutions designed to enhance material surfaces with minimal environmental impact. We support universities, research institutes, and industries throughout the entire innovation process—developing plasma sputtering (PVD/PECVD) and ion implantation processes, designing and manufacturing specialized equipment, providing job coatings, integrating production lines, and offering comprehensive training. With our global network of partnerships, we provide customized solutions to meet a wide range of needs.

Our advanced technologies and equipment include:

- ionLAB – A versatile lab-scale system suitable for a variety of substrates, including flat materials, ultrathin wires, powders, and nanoparticles. It provides a flexible solution for research and development in surface treatment.
- ionPRO – A high-performance industrial system designed for the treatment of large substrates, up to 2 meters in size. Ideal for scaling up processes developed in the lab to full-scale industrial applications.
- Plameco and ionPOWDER for loose parts and powders
- ionR2R for connectors and coils
- ionGUN, a standalone ion source that can be installed on both R&D setups and existing industrial production lines, enabling ion implantation to enhance surface properties.

Whether you're focused on improving adhesion, durability, or efficiency of tools and mechanical parts, or exploring new applications in additive manufacturing and non-conductive material metallization, IONICS offers innovative surface treatment solutions. We are committed to helping universities, research institutes, and industries push the boundaries of material science and technology with our cutting-edge equipment and expertise.

Discover how our vacuum systems and surface treatment solutions can elevate your research and industrial applications.

MATGENIX



<https://matgenix.com>

Contact:

David WAROQUIERS - CEO
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Matgenix empowers scientists, startups, and R&D teams in materials and chemistry to accelerate discovery and innovation.

We make advanced scientific methods—like simulations, AI, and data-driven design—more open, intuitive, and collaborative.

Our mission is to help those tackling the world's most urgent challenges move faster and make a bigger impact.

We believe that science is essential to building a more sustainable and equitable future. But too often, powerful tools are locked behind technical barriers. That's why we work to make innovation more accessible—so more people can contribute to real-world progress.

How we work

- We integrate simulations, machine learning, and materials databases into R&D workflows.
- We co-innovate with our customers, embedding our expertise within their teams.
- We design intuitive tools that simplify complexity and support deep scientific work.
- We offer a hybrid model: software + custom research collaborations.

What we deliver

- A software platform for materials discovery and design.
- Tailored R&D services and scientific consulting.
- Training, support, and seamless integration into existing processes.

Together, we turn complexity into clarity—and bold ideas into real-world solutions.

ULB - 4MAT Department



<https://4mat.polytech.ulb.be/>



Contact:

Alexia CHABOT - Postdoctoral researcher
alexia.chabot@ulb.be

The 4MAT Department at ULB focuses on inorganic materials engineering throughout their entire lifecycle - from synthesis and microstructure control to recycling and end-of-life strategies.

Key areas of expertise include:

- Microstructure control (e.g. NDIAMO project in collaboration with Nanomegas & AGC Europe on opalescent glass and electron PDF characterization)
- Additive manufacturing for aeronautics (AEROCT project with X-RIS, MPP, and Any-Shape)
- Recycling and circular composites (COMPOST project with Syensqo on recycled thermoplastic composites)
- Hydrogen storage materials (Hy-FUEL project with Syensqo and VUB, focused on thermoplastics for
- Surface & interface engineering, including metal adhesion and microscopy analysis (USMETREES project on sustainable metallurgy and energy storage).

4MAT collaborates with both large companies and SMEs across Europe and is highly involved in industry-driven research consortia, especially in the context of aerospace and hydrogen.

UMONS - Mechanical Engineering Department



<https://web.umons.ac.be/gmec/en/home/>

Faculty of engineering Machine design and production
engineering department/ FPMS - Génie mécanique

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The University of Mons (UMONS) gathers more than 1,800 researchers across 10 institutes, working at the crossroads of fundamental and applied research. Recognised in major international rankings, UMONS is among the top Belgian universities in materials science, engineering, chemistry, and physics. With its Innovation Center label, spin-offs, and technological platforms, it plays a key role in regional and international innovation ecosystems.

Mechanical Engineering Department

The Mechanical Engineering Department covers a wide spectrum, from CAD/CAM and machine design to production organisation and asset management 5.0. Its research focuses on machining (conventional, robotic, hybrid), additive manufacturing (metals, composites, ceramics), and prototyping.

Current projects include:

- High-speed milling simulation to predict vibratory behaviour
- Trajectory generation in machining
- Surface analysis of additively manufactured parts
- Optimisation of hybrid processes combining additive manufacturing, machining, and laser ablation

Through advanced modelling, experimentation, and hybrid manufacturing approaches, the department pushes the boundaries of digitalisation and advanced manufacturing, while developing solutions directly relevant to industry.

UMONS, through its Mechanical Engineering Department, is a strong partner for collaborative research and innovation, committed to addressing societal, environmental, and economic challenges.



Wallonia.be

EXPORT
INVESTMENT

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