

Vinnovate Call 2026 – Brief Overview Project Ideas Expressed (August 2026)

- The present document provides a **brief description** of the project ideas presented during the various webinars or listed on [Gateway](#).
- The aim of the present document is to **maximise outreach and matchmaking opportunities**, offering interested organisations a single document where project ideas are described.
- If you have an interest in teaming up with one of the organisations listed below, please **contact them directly** (send an email to vinnovate@s3vanguardinitiative.eu should you face issues getting in contact with the organisations).

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
DTx CoLAB Advanced Computing and Intelligent Systems	NORTE	Development and industrial validation of intelligent optimisation solutions for complex real-world systems, combining AI, high-performance computing, advanced optimisation and quantum computing. The approach addresses complex decision-making problems including scheduling, production planning, resource allocation, logistics and energy management, under realistic operational constraints such as resource availability, workforce requirements, deadlines, conflicts and energy consumption. AI-driven methods can be combined with classical optimisation, HPC and quantum approaches, including quantum annealing and gate-based and hybrid quantum-classical methods, to improve efficiency, flexibility, sustainability and resilience across industrial and infrastructure applications.	Industrial partners with real-world operational environments, complex optimisation and scheduling challenges, industrial automation and robotics providers, industrial data partners, and organisations with expertise in energy flexibility, renewable generation and storage. We are particularly interested in partners able to provide real-world use cases, industrial data and pilot environments for the development, validation and demonstration of AI and quantum-enabled optimisation solutions.	Jean Michel Silva de Miranda Gomes <jean.gomes@dtx-colab.pt>
ProWat (SME)	Galicia	<i>"A future where clean water technologies — UV and ozone — are the industry standard in food & beverage, replacing chlorine-based treatment"</i>	We offer technical support in water treatment and reuse, as well as providing with ozonised and UV disinfected water for sustainable cleaning processes in the industry. We are looking for a partner whose project needs our services that we could support.	Email: a.carbonell@prowat.es Phone: +34 603 668 191

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
Equantum Ciberseguridad y Blockchain S.L. — SME	Galicia	eQSSC — Quantum Solid-State Chip. Equantum seeks to join, rather than coordinate, a partner-led VInnovate consortium as a specialist technology contributor. We provide a laboratory-developed eQSSC architecture combining an hBN (V_B^-) spin-defect platform, Qiskit-compatible software and FPGA/RF control. The proposed workstream would recover and purify nitrogen from bovine or agricultural streams, develop a controlled urea-based precursor and crystallisation route, synthesise and qualify hBN, engineer (V_B^-) defects and demonstrate the selected material in a pre-industrial eQSSC chip. Potential outputs include circular precursor and crystallisation know-how, qualified hBN material and process IP, and a first pre-industrial eQSSC demonstrator. The resulting material may also be transferable to other hBN-based quantum, photonic or sensing devices, subject to application-specific qualification. Potential fit: Efficient & Sustainable Manufacturing, with cross-cutting relevance to Bioeconomy.	Equantum is looking to join a consortium led by an experienced industrial company or RTO. Relevant complementary expertise includes: project coordination and industrial leadership; bovine/agri feedstock ownership and nitrogen recovery; purification and controlled urea crystallisation; hBN synthesis and (V_B^-) defect engineering; 2D materials and nanofabrication; ODMR and quantum-material metrology; photonics, RF/microwave electronics and packaging; industrial sensing testbeds; lifecycle assessment, techno-economic assessment and pre-industrial scale-up.	Pablo López — CEO, Equantum Ciberseguridad y Blockchain S.L. · pablo@equantum.eu
IAM B.V. — SME	Noord- Brabant, The Netherlands	OPEN-AM Cell – Autonomous, Vendor-Neutral Additive Manufacturing. IAM proposes a VInnovate project to integrate, demonstrate and validate at TRL 6–8 a vendor-neutral autonomous additive-manufacturing production architecture. The concept connects heterogeneous industrial 3D printers, robotics and autonomous material handling, AI-assisted production orchestration, quality inspection and MES/ERP systems through a common digital thread. Cross-border demonstrators will validate the architecture across different AM technologies and industrial environments. The project aims to improve productivity, traceability, quality and resource efficiency while reducing dependence on closed proprietary manufacturing ecosystems.	IAM is looking for complementary partners in industrial AM use cases/end users; metal AM and process qualification; robotics, AMR and autonomous material handling; AI, digital twins and production optimisation; machine vision, inspection and quality assurance; and RTO/university expertise for industrial validation. Partners should preferably be located in eligible VInnovate 2026 regions and contribute to TRL 6–8 demonstration activities.	Arno Gramsma – IAM B.V. E- mail: a.gramsma@iam.systems Tel.: +31 6 1090 4189
CITIC - Universidade da Coruña	Galicia	We hold expertise and previous experience in European projects regarding the development and application of AI to the drug-repurposing, patient care and diagnostics, virtual twins in both cultural and healthcare settings, development of ICT networks and	We are open to study a partnership within a consortium that requires research entities for research activities, tool and algorithmic development, data analysis, HPC, AI,	@Relações internacionais do CITIC

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
(Public University)		technologies applied to smart energy mechanisms and self-sustainable energy communities, health and geospatial data science and engineering and advanced autonomous robotics, among other fields of ICT	quantum technologies, cybersecurity, critical infrastructures, digital twins, etc.	
TNO (CRO) SBMC (SME)	Noord Brabant	This project aims to identify key technology gaps limiting the adoption of 3D bioprinting and assess how existing TNO technologies and knowhow can help overcome these challenges. The consortium will consider advanced equipment, software and process technologies to evaluate promising solution routes. Selected technologies will first be tested at TNO and subsequently validated with relevant materials and cells at SBMC. The outcome will be a roadmap and validated concepts for next-generation European bioprinting applications.	We are looking for a partner with extensive expertise in biomaterials, bioinks, hydrogel formulations and cell-based bioprinting applications. The partner should contribute knowledge on material selection, formulation development, printability, and application requirements. Experience with regenerative medicine, tissue engineering or advanced bioprinting validation is highly desirable.	jayeeta.sengupta@tno.nl (jan.rietsema@smartbiomaterials.nl)
EWEB OPTIM SRL – SME	NERO	Project idea description: AgriBIZ Fresh Network is a TRL 6 digital platform designed to improve the coordination of regional fruit and vegetable value chains. The solution integrates AI-supported supply–demand matching, digital traceability and product passports, surplus redistribution, short supply-chain coordination, and decision-support tools for farmers, cooperatives, processors and buyers. The proposed Vinnovate project aims to validate and demonstrate the solution in multiple European regions and prepare it for market deployment.	Complementary expertise – partnering requests: We are looking for research and technology organisations, agri-food innovation partners and regional pilot partners with expertise in food processing, traceability, data interoperability, circular food systems and real-world validation. We are also interested in partners able to involve farmers, cooperatives, processors, retailers or institutional buyers in cross-regional pilot activities.	Irina Hanganu EWEB OPTIM SRL E-mail: eweboptim@gmail.com Telephone: 0040 771541863
Origami Arch Studio — SME / Architectu	Norte, Portugal	Development of Casa-Oficina: Habitar o Ofício, a productive environment rooted in a traditional woodworking workshop in Northern Portugal. The project seeks to reconnect architectural design with the workshop as a place of making, while introducing contemporary technologies such as CNC machining, 3D printing and other advanced manufacturing processes. It	We are looking for complementary partners with expertise in material research and characterisation, innovative materials, construction technologies, prototyping, industrial production and scale-up.	Adriana Pacheco; Adriana Pacheco <persoal.adriana pacheco@gmail.com>

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
re & Design Practice		aims to explore new forms of collaboration between craftsmanship, architecture and industry, leading to the development of architectural components, furniture and interior solutions, while creating opportunities for research, prototyping, training and knowledge transfer.		
Green Validation Europe (SME)	Noord-Brabant	SPROUTUP+ validates and demonstrates an innovative circular biorefinery process that converts Brussels sprout side streams into high-value fibres, protein-rich fractions and bioactive ingredients. The project moves from laboratory validation towards pilot-scale and industrial demonstration (TRL6-8) through cooperation between partners from multiple Vanguard regions.	Looking for partners with: ingredient testing expertise (region Oost-NL); production unit development expertise (region Romania/Germany)	Van Konijnenburgweg 24, 4611HL Bergen op Zoom, Netherlands Tel: 0646140289 Email: greenvalidationeurope@kpnmail.nl, www.greenvalidationeurope.com
ASTER SRL - SME	North-East RO	The project proposes maturing and validating AI-Readiness.design, an AI-based digital platform for identifying, assessing, and prioritizing opportunities to use AI in organizational processes, through a structured, facilitated discovery methodology for AI opportunities. AI-Readiness.design already exists as a functional MVP, tested with real users and currently at TRL 5. The solution assesses an organization's readiness for AI adoption, maps and analyzes processes, and identifies AI opportunities in terms of impact, feasibility, and risk.	Univesities - Can provide diverse organizational processes for piloting and expertise for validating the methodology, evaluating results, and developing the facilitator training program. Production company - Can enable testing the solution on industrial processes and assessing AI opportunities in terms of productivity, efficiency, and resource use. IT/AI company - Can contribute to assessing the technical feasibility of prioritized opportunities and, where relevant to the project, to developing proof-of-concepts.	Manuela Ciora, Email: manuela.ciora@adnrdest.ro

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
EVERYWARE COMPUTING SRL - SME	North-East RO	A deep-tech smart spaces platform transforming digital displays into open, intelligent communication and interaction points. <i>Displify builds on doctoral research in Open Display Networks, extending digital displays beyond traditional signage to support multiple applications, contextual information, real-time data and AI-enabled services.</i> TRL 5 · EU-funded Proof of Concept Technology maturation & real-world validation	TARGET PARTNERS: European SMEs operating real environments Private clinics, hospitals and healthcare service providers interested in piloting smart-space and digital patient communication scenarios. JOINT VALIDATION: Pilot DISPLIFY in a real operational environment Validate user needs · Operational fit · Adoption Cross-border requirements · Integration constraints · Business value EXPECTED OUTCOME: TRL 5 → TRL 6/7 through real-world validation Validated use cases · Partner feedback · Replicable deployment model Foundation for future commercial collaboration	Manuela Ciora, Email: manuela.ciora@adrnordest.ro
INATECH - SME	North-East RO	Romanian software R&D company, with engineering offices in Romania and Germany. Expertise with automotive corporate customers. Bosch (Germany, China) supplier since 2014. AI agents for engineering: Test generation, technical knowledge retrieval and ECU configuration Automotive embedded software: ECU development, AUTOSAR integration, Bootloaders, and Ethernet Time sensitive networking Automotive cybersecurity: Secure boot and communication, software for hardware security module	We seek a commercialisation partner • Automotive market access and customer discovery • Inhouse use in its own projects Product positioning, marketing and communication • Sales channels, pilots and early-customer engagement	Manuela Ciora, Email: manuela.ciora@adrnordest.ro

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
		IoT & cloud applications: Connected platforms, sensor data and scalable backends	Commercial model and go-to-market execution	
Omniclean SRL - SME	North-East RO	OMNICLEAN is an eco-friendly dry-cleaning and laundry business in Iași, serving both individual customers and clients who need professional textile care. The company operates in textile cleaning and offers integrated cleaning and ironing services, and has been on the market for 14 years. A smart management application for a textile laundry is a digital solution that centralizes and automates all daily activities, from receiving items to handing them back to the customer. Its purpose is to reduce working time, avoid errors, and provide a fast, transparent experience for customers.	We are looking for a partner experienced in developing management applications for textile laundries and in automating operational workflows. We want a long-term collaboration with a team able to analyze existing processes, design a customized solution, and ensure the implementation, maintenance, and further development of the application.	Manuela Ciora, Email: manuela.ciora@adnrdest.ro
IZI APP - SME	North-East RO	ZEEN is an AI companion for emotional support - Built for Gen Z: private, safe, with short interventions and a human safety net. Zeen's thesis: We're not building "AI therapy." We're building a safe, teen-native emotional companion, with escalation to humans when the AI needs to stop. Now: Zeen for Child: Free, low-friction at launch. Private space, conversation, role-play, exercises, and milestones adapted to the emotional state. Next Step: Zeen for the parent: Separate app, with a B2C subscription: role-play, conversation scenarios, emotional validation techniques, and guides for sensitive topics.	Partners together with whom: - We expand testing in real environments and validate the product with users. - We scale the product, optimize the AI, and fully integrate Zeen's components - We validate safety, security, GDPR compliance, and performance in real-world use. Final beta test, system qualification, and preparation for launch at scale.	Manuela Ciora, Email: manuela.ciora@adnrdest.ro
Uzinex SRL - SME	North-East RO	Mobile dual-use photovoltaic power plant Container up to 160 kWp & 620 kWh LFP storage Plug-and-play, deployed anywhere in less than 30 minutes:	Partners to scale-up	Manuela Ciora, Email: manuela.ciora@adnrdest.ro

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
		- Container 8 - 40 ft ISO Transportable by truck / ship / air cargo. Global logistics standard. - Up to 160 kWp photovoltaic panels Foldable or deployable. Annual output 208,000 kWh at average RO irradiance. - Up to 620 kWh LFP storage Lithium Iron Phosphate, >6,000 cycles, stable thermal profile. - Hybrid inverter up to 120 kVA EMS with automatic prioritisation: solar · storage · backup. - Diesel backup 30 - 100 kW Reserve for full assurance. Used <5% of hours in a typical profile.		@adrnordest.ro
ITG TECNOLOGY CENTER (RTO)	Galicia (Spain)	H2-DIGITAL aims to develop and demonstrate an integrated solution for the decarbonisation and digital optimisation of aluminium remelting processes. The approach will combine hydrogen-based furnace operation, process monitoring, digital twins, predictive modelling, optimisation and advanced control to improve energy performance and operational stability. The solution will support operation under different hydrogen utilisation scenarios while maintaining product quality and process reliability. The project will validate the technology in a real industrial environment, targeting TRL 8 and demonstrating reductions in fossil fuel consumption, CO ₂ emissions and energy use. In addition, it will provide a scalable and replicable framework to support the deployment of low-carbon aluminium recycling technologies across the manufacturing sector.	Looking for industrial furnace manufacturers and technology providers with expertise in hydrogen-based heating systems and low-carbon thermal processes, as well as aluminium recycling, remelting or processing companies willing to host and validate the solution in a real industrial environment. Partners with the capacity to support industrial deployment, operational validation and large-scale replication of hydrogen-enabled aluminium production technologies are particularly sought.	Sonia Pascual (spascual@itg.es) Carlos López (clopez@itg.es)
ITG TECNOLOGY	Galicia (Spain)	FLEX4INDUSTRY aims to develop and demonstrate an integrated solution to improve energy flexibility and energy efficiency in manufacturing plants. The approach will combine process monitoring, digital modelling, forecasting, optimisation and	Looking for manufacturing companies willing to host real industrial demonstrations and SMEs/integrators with expertise in industrial automation, EMS/SCADA, energy	Sonia Pascual (spascual@itg.es) Pablo

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
CENTER (RTO)		advanced control to identify, implement and operate electrical and thermal flexibility measures. Depending on each industrial use case, the solution may integrate flexible loads, renewable generation, electrical or thermal storage, heat pumps, heat recovery and existing EMS/SCADA systems. The project will validate the solution in real manufacturing environments, targeting TRL 7–8 and demonstrating reductions in specific energy consumption, peak demand, energy costs and CO ₂ emissions.	storage, thermal systems, electrification or energy flexibility, with capacity to deploy and replicate the solution.	Carrasco (pcarrasco@itg.es)
University Hospital of A Coruña (CHUAC), SERGAS; in collaboration with Awen Technologies (SME)	Galicia	Active Hypothermic Lung preservation - Extending the donor lung preservation window beyond 6 hours. The technology: A device for active, controlled lung preservation at 10°C using continuous perfusion and airway support — replacing passive cold storage with a stable, monitored physiological state.	Galicia consortium in place: AWEN Technologies + CHUAC). Vinnovate requires an international partner — from a different member region, in a different country. Partnership requests: - Manufacturing and Scale-up. Industrial scale-up of the device — from validation prototype to production-ready system. - Regulatory expertise - Experience with Class II / IIb medical devices — CE marking and/or FDA pathways. - Engineering capacity - Thermal control, perfusion systems, or medical-grade fluidics engineering. <u>Tasks for this partner:</u> - Co-develop next-generation prototype - Support regulatory strategy (CE / FDA) - Contribute to manufacturing scale-up toward clinical studies	Alejandro Montero Salinas, RN, PhD Alejandro.Montero.Salinas@sergas.es
Universidad de Vigo (University) and Ingeniería	Galicia	Hyperspectral artificial intelligence system for large-scale detection, geolocation and decision support for asbestos-containing materials in building façades.	<u>1. University or Research Centre</u> Research and optimisation of hyperspectral sensing for façade-based asbestos detection. Spectral research: adaptation and validation of existing asbestos spectral libraries for oblique	María Pedraza, Open Innovation manager and Head of

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
Insitu (SME)			façade acquisition, sensor calibration, radiometric correction, and analysis of acquisition geometry effects. <u>2. SME – Mechanical & Electronic Engineering</u> Design and integration of hyperspectral sensor into portable terrestrial inspection system. Hardware integration: Mechanical design, electronic architecture, power systems, GNSS/IMU integration, stabilisation, embedded communications and field-ready device development. <u>3. SME – GIS / Smart City / Digital Twin Provider</u> Development of geospatial decision-support platform for asbestos management. Decision Support System: GIS platform, urban mapping, Digital Twin integration, risk visualisation, inspection planning tools, municipal dashboards and reporting systems. <u>4. SME – Asbestos Removal / Remediation Company</u> Field validation and operational testing of asbestos detection system. Real-world validation of AI predictions, comparison with physical inspections, support for labelled datasets, prioritisation of removal activities and exploitation feedback. <u>5. SME – Building Inspection / NDT Company</u> Technical validation of façade materials and inspection methodologies. Non-destructive testing, building diagnostics, ground-truth validation of detection results, and	OriginLab by AVS Consulting (Spain). Representing the Galician Consortium. mpedraza@avsc consulting.es

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
			benchmarking against current inspection practices. <u>6. LC – Construction / Building Rehabilitation Company</u> Access to real building environments for testing and demonstration. Provision of pilot sites, façade expertise, construction material knowledge, and support for demonstration and scalability assessment. <u>7. Facility Management / Asset Management Company</u> End-user validation and exploitation of decision-support platform. Definition of user requirements, validation in operational building portfolios, market uptake strategy, and commercial exploitation pathways. <u>8. SME – Environmental / Circular Economy Software Provider</u> Integration of asbestos management system into environmental and waste management platforms. Integration with environmental monitoring systems, circular economy workflows, regulatory reporting tools and sustainability platforms.	
ProMaterial Ltd SME (deep-tech; AI-powered manufacturing)	Wales	AI-powered metal inspection system improving defect detection accuracy and reducing waste. This includes inspection of precision metals, and 3D printed (additively manufactured) items/components.	We are looking for two types of partners. (1) End-user / industry pilots — manufacturers of magnets, precision metals, 3D printed (additively manufactured) parts and energy-critical components, who can provide real samples, factory context and validation data, and a deployment pathway. (2) University / RTO partners — for digital-twin modelling, materials	Yining Shen, Founder yining.shen@promaterial.co.uk

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
inspection & robotics)			validation and carbon/resource-impact assessment. We are also keen to connect with partners experienced in EU innovation grants (ESM, with 3DP and ADMA links).	
The Open University Wales	Wales	This project aims to test and validate an innovative Verification, Validation and Testing (VVT) prioritisation tool for advanced manufacturing and product development, particularly for SMEs. This project will deploy a VVT prioritisation tool (TRL 7/8) and its scientific method in real SME environments to: •Validate performance and advance the tool to TRL 8–9, •Generate before-and-after evidence of impact, •Refine usability and scalability based on industry feedback. The project aims to demonstrate: •Improved efficiency in VVT resource allocation by identifying critical tests •Reduced cost, time, and waste, including lower use of facilities, materials, energy, and staff time, therefore, more sustainable product development •Stronger collaboration across SMEs, larger companies, and supply chains	Small and medium-sized enterprises (SMEs) and large manufacturers, who are developing technologies and new products, working at TRL5-8 and planning/undertaking testing activities for validation and/or compliance, who will test and potentially adopt the VVT prioritisation method and tool within live projects or workflows	Khadija.tahera@open.ac.uk sian.impey@open.ac.uk
JouleFlux (SME)	Wales	Testing and Validation of an industrial AI Co-pilot for industrial Thermal processes. Our solution connects to the monitoring system of a processing line (SCADA) and map energy flows. Then, it quantifies optimisation potential, diagnoses root causes of waste heat and energy losses, and provides a prioritised list of actions to reduce losses. When there are production variations (e.g. feedstock humidity, increase of throughput) or changes in external factors affecting the process (e.g. outdoor temperature), it recalculates optimal set-points. Benefits: up to 18% energy cost reduction; up to 12% throughput increase.	Industrial end users (or consortium including industrial partners) with thermal processes such as: •Drying of agricultural produce •Food & Drink Manufacturing •Bio-materials •Polymers manufacturing •Chemical Processing •Injection Moulding Universities with industrial testing facilities might also be considered depending on the size their testing equipment.	Fabio@jouleflux.co.uk

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
Onicor BV - SME	Noord-Brabant	We developed a medical device (class I) to treat onychomycosis, a fungal nail infection. We are looking for partners to help us carry on a clinical efficacy study to demonstrate the efficacy of our treatment compared to the standard topical treatment.	Research centres, Universities or SMEs in the podiatry field where clinical trials can take place	Andreia Almeida, andreia@onicor.nl
Synaptica Ltd. (SME) www.synaptica.nl	EAST NL	Providing clinical decision making support, with a focus on channelopathies.	Looking for European R&D partners with a focus on healthcare-oriented digital twin development and/or precision medicine.	marijn.martens@synaptica.nl
Micro-Cosmos	EAST NL	We would like to deploy the innovative bed canopy for approximately 6 months on a dementia ward of a German nursing home. A German university of applied sciences or research university would conduct research into its effectiveness (sleep, restlessness, medication use, use of restrictive measures) and into the experiences of residents, family members, and care staff. The project would thus serve both practice (better care and reduced workload), science (publications and research opportunities for students), and Micro-Cosmos itself, which would gather insights for possible product adaptations for the German market.	Specifically, we are looking for a German nursing home with a dementia ward that is open to running a pilot, and a German university of applied sciences or research university with expertise in nursing science (Pflegerwissenschaft) or gerontology that is interested in conducting the research.	eef.lamers@micro-cosmos.nl
Amaryllis Green Solutions (SME)	Wales	Development of a patented acoustic cleaning and monitoring system for electrolyzers. The solution aims to reduce fouling and degradation, extend electrolyser lifetime, reduce operating costs and mitigate hydrogen embrittlement through an integrated hardware-software condition management approach. The project seeks to demonstrate a first-of-a-kind total condition management and predictive maintenance system for hydrogen electrolyzers combining acoustic cleaning, monitoring and AI-based maintenance support.	Looking for partners active in the hydrogen value chain, including electrolyser manufacturers, electrolyser owners/operators (including universities), hydrogen adopters and end users. Particularly interested in partners from hard-to-abate sectors such as steel, aerospace, shipping, ceramics, cement, concrete, chemicals, glass and aluminium. Also seeking software/AI partners able to develop continuous monitoring, control software and AI-supported predictive maintenance for electrolyzers.	David Haines davidjosephhaines@gmail.com
BarionX	Noord Brabant	FIONA - Fused Imaging Of Neutron and X-ray for Analysis		peggie.rombout@barionx.com

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
			• Systems Integrators: integrating the system in a field deployable sea-container: ○ Wiring&cabling ○ Electromagnetic Safety and Compatibility ○ Mechanic Safety (Shake and Tremour free operation) • Industrial manufacturing expertise (depending use case): ○ Transporter system, conveyor belts ○ Production line expertise Industrial partner for first use case	
Goggleminds	Wales	An AI patient training simulator for safer survivor disclosure conversations. Goggleminds (Wales) is seeking a research partner to validate beyond English language and UK context.	What we are looking for: An academic research partner • Based in a non-English-speaking Vinnovate region • Mixed-methods researchers for interviews, pilot validation and peer-reviewed output • Cultural and linguistic adaptation expertise for VAWG disclosure in your context • An appropriate setting for validation, e.g. healthcare institution, university or third sector organisation.	azize@goggleminds.co.uk

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
High Value Manufacturing (HVM) Group - Cardiff University	Wales	1. Circular Hybrid Manufacturing (CHM) - The research focuses on the development of novel circular manufacturing routes for the production of sustainable powders for metal additive manufacturing. 2. AI and Machine Learning for Advanced Manufacturing – This research area focuses on developing new AI and Machine Learning based techniques. 3. Development of Hybrid Manufacturing Process Chains for Mass Production of AM Parts - The research involves AM process optimisation for new metallic materials, followed by post-processing of the AM parts via laser-based surface engineering techniques. 4. Advanced Machining of Composites for Aerospace/Automobile Applications	Manufacturing technologies, AI, Machine Learning	Dr Debajyoti Bhaduri (BhaduriD@cardiff.ac.uk)
Deploy Tech Ltd (SME)	Wales	Develop a production line for a new product line called Onmi Tank Series	Manufacturing Design and Development	Contact he
SBMC (SME)	Noord Brabant	SBMC enables entrepreneurs and academics to speed up developments of new biomaterials and biodegradable implants for biomedical applications to improve patients' lives around the world.	SBMC is seeking collaboration with a partner(s) interested in, for example: electrospinning, 3D bioprinting, nerve cell regeneration, wound healing, another biomaterial-based clinical therapy histology, or cytotoxicity testing.	jan.rietsma@smartbiomaterials.nl
Cardiff Metropolitan University	Wales	Myco-materials. Expertise from CMU: Various growth substrates derived from waste biomass. Solid state fermentation expertise.	Businesses with biomass sources / off cut recycling of biomaterials.	Wallis, Christopher <CWallis@cardiffmet.ac.uk>
Cardiff Metropolitan University	Wales	Thermal & acoustic testing of biomaterials. Expertise from CMU: Bespoke materials analysis platform	Businesses / ROs in construction, furniture, interior design, polymers, composites.	Wallis, Christopher <CWallis@cardiffmet.ac.uk>

Name Organisation (type)	Region	Project idea description	Complementary expertise (partnership requests)	Contact details
atlanTTic – University of Vigo	Galicia	IA-based scalable systems for early detection of mild cognitive impairment	Health oriented- SME, health providers, nursing homes.	Prof. Dr. Luis Anido-Rifon lanido@det.uvigo.es
Cardiff Metropolitan University	Wales	Chemical and material analysis of compounds and materials Expertise from CMU: Biomass waste valorisation platform – extraction, separation, isolation and analysis. Materials characterization – gels, polymers, surface functionality, e.g. antibacterial	Businesses with challenges relating to food waste, reusing biomass processing waste, polymer recycling, material functionality.	Wallis, Christopher < CWallis@cardiffmet.ac.uk >
Cardiff Metropolitan University	Wales	Wastewater purification & recycling. Expertise from CMU: Access to Welsh Food & Drink Manufacturing industry, including wastewater effluent for trials. Water analysis – elemental + compounds	Business / ROs / Universities with technologies for wastewater recovery, purification, separation. Filtration, (Reverse) Osmosis, etc.	Wallis, Christopher < CWallis@cardiffmet.ac.uk >
Machinova (SME)	Noord Brabant	We are experts in engineering, machine building, prototyping and co-creation. We are in search for companies in the UK that wish to develop new and innovative machines and solutions. We love automation and can offer mechanical design, industrial software design, and integration of new technologies for industrial automation.	We are open to any partner that needs 3D engineering of machinery, prototyping, machine building, or metal/plastic parts manufacturing.	Aart Schalk, info@machinova.com
ImmunoServ	Wales	We are looking to develop new T cell immunity tests for vaccine immunogenicity and population health assessments.	We are looking for partners with expertise in infectious diseases to validate our Immuno-T test platform in different disease areas.	James Hindley; info@immunoserv.com ; JamesHindley@immunoserv.com