

Women TechEU pilot - Selected companies and organisations

Please note that this is a list of companies and organisations that have been selected for funding. Having succeeded the evaluation does not constitute a formal commitment for funding. The final decision on the projects will only be taken upon finalisation of the grant preparation.

Coordinating organisation	Proposal Acronym	Project	Country	Sector	Short description
BirdShades Innovations GmbH	BirdShades WomenTech	BIRDSHADES BUSINESS MODEL VALIDATION AND IPR STRATEGY	Austria	Engineering	BirdShades is a female led startup which develops an invisible window film to save billions of birds worldwide. They have recently successfully produced their first large scale pilot line which they are going to sell in a Pilot Customer Programme. They plan to validate their business model and improve their IP strategy to ensure that BirdShades becomes one of tomorrows cutting edge deep tech champions which protects biodiversity worldwide.
sendance GmbH	SoftDesign_Orthotic	INNOVATIVE MEDICAL SOFTWARE DESIGN FOR ORTHOTIC THERAPY	Austria	Engineering/Health	This groundbreaking solution in the field of stretchable electronics enables for the first time a quantitative analysis of the fit of custom-made orthotic devices. Sendance provides an integrated software solution called sendance-cloud for managing and visualising the data gathered by the sendance-grids. The data collection in the sendance-cloud is the basis for Big-Data-Analysis that can help optimise orthotic therapy.
Nanordica Medical OÜ	NEXTNANO	NEXT GENERATION NANOPARTICLE-BASED ANTIBACTERIAL TREATMENT FOR INFECTED WOUNDS	Estonia	Biotech	NEXTNANO aims to commercialise a new antibacterial nanotechnology developed by their scientists and medical doctors to reduce the number of infection-related amputations by 20%.
Cell and Soft	Easy SOFT	Easy way to accelerate the scale-up of innovative soft devices for Drug Discovery pipeline	France	Health	Cell&Soft is a Deeptech company based in France (AURA region) which develops, produces and sells innovative solutions for in vitro cell culture, in the field of oncology and stem cell research. The objective of Cell&Soft is to accelerate the discovery of new drugs with an average success rate of more than 20%, while limiting the use of animal models.
INNOVHEM	INNOVHEM	Innovative diagnostic tools to improve the medical care and the health of Sickle Cell patients : preparing for launch and market access in Europe	France	Health / Artificial Intelligence	INNOVHEM is a French start-up that has been incorporated in October 2019 which develops new and relevant diagnostic tools to tackle Sickle cell disease. Sickle Cell Disease is one of the most frequent genetic diseases in the world, affecting around 5 million people. The company is developing a combination of biomarkers, specifically adapted to the physiopathology of the disease, with artificial intelligence. This solution will help the physicians to propose a personalized medical care to the patients and it will also help the development of new effective treatments.
NAVALGO	NAVALGO	Business Intelligence Engine for Things in Motion	France	Artificial Intelligence	NavAlgo is building a Business Intelligence engine for Things in Motion. The solution - a horizontal B2B cloud-native application - enables companies to face the data deluge they experience and to make a strategic use of their data with a very short time-to-market. The application turns raw (unqueriable, often inconsistent) data on assets' movement and transport parameters into a reliable vision of their process and helps companies focus their attention on actionable insights related to their supply chain processes, covering anomaly detection, forecasts, and risks of delay or damage.
SAFEHEAR	Safehear	Louis, the smart earplug for industry made in France	France	Engineering	Safehear has designed Louis: a new earplug for industrial and noisy environments. Their mission is to prevent diseases and accident cause of a lack of communication in industry. Safehear is a French startup of 8 people, they work on senses improvement solutions using embedded intelligence.
1000Kelvin	AMA - AM meets AI	Accelerating the transition to innovative and sustainable manufacturing by an AI-based software simulation that achieves first-time right printing of lightweight and complex of aluminium alloy parts.	Germany	Artificial Intelligence	Additive manufacturing holds important promises for sustainable engineering products and applications. Combining the capabilities of 3D printing in terms of bionic lightweight design with the lightweight nature of aluminium and its outstanding properties could lead to a revolution in the field of sustainable mobility. The AI process simulation algorithm will be trained with increasing geometry complexity.
Assemblean GmbH	assemblean	Utilizing iot-systems for decentralized production control and offering surplus production capacities on a production platform	Germany	Engineering	Assemblean is an automation and production technology company emerging from years of research in the field of decentralized production control. Xiaojun Yang and Alexander Pöhler investigated the question of how to increase the utilization of production facilities.

Die Frischemanufaktur GmbH	Food Tech Innovation	Securing international IP Rights for Food tech Innovation: Prolonging shelf-life of plant-based products	Germany	Food	DIE FRISCHEMNAUFAKTUR (DFM) is a food tech start-up from Saxony-Anhalt in Eastern Germany. DFM specializes in developing ground-breaking food-technology aiming to prolong the shelf-life of plant-based ultra-fresh products like e.g. fresh-cut fruits, salads and drinks. The very short shelf-life of 1-4 days leads to a huge amount of food-waste in private households and retail, as they have to throw away perished products.
Digimind GmbH	PACE	Packaging with AI for Circular Economy - strengthening Digimind's market position	Germany	Environment	Packaging waste is one of the biggest contributors to the global waste problem and it accounts for almost half the global plastic waste. Packaging design is driven mainly by marketing requirements, not incorporating any circularity, such as recyclability or reusability. For the packaging industry this poses immense challenges to manage the new complexity of the trade-off of cost, performance and sustainability criteria. Digimind is developing an innovative software solution specifically for the packaging industry to tackle these challenges using digitalisation and artificial intelligence.
knowing01 GmbH	Blno2scalek01	Scale Business and Technology to Impact on Disease Research by with Lossless and Efficient Data Analysis	Germany	Health/ICT	The knowing01 solution is a software-as-a-service (SaaS) suite that allows the user to connect and explore omics data no matter their biodata type. Their innovative knowledge-graph based translation approach empowers scientists to run analyses across data types and compare different sets in their biological context.
MR Shim GmbH	SPAC MRI	Spacious and accurate MRI machines of the future	Germany	Engineering	The company developed a novel MRI field homogenization technology, which is 50x lighter, 5x more power efficient, performs 2x better and updates 250x faster than the current state-of-the-art. They enable real-time, precise and local control of the MRI magnetic field using a compact device.
MUnique Tech GbR, Inh.B.Eder,E.Paul	DORT MuM	Dynamic Optical Ranging & Timing with Multipoint Measurement	Germany	Engineering	MUnique Tech's DORT (Dynamic Optical Ranging & Timing) system is an optical pulsed device which offers a new high precise distance measurement. The system is designed for space applications and can measure space relevant distances with a very high resolution. Thanks to a high measurement rate, fast movements can also be detected. The device will be used in very small satellites (CubeSats) and thus enter the NewSpace market. This technology is not only intended for space, but also enables a large number of applications in the terrestrial field, like Large Volume Metrology.
NanoStruct GmbH	NanoStruct	Surface-enhanced Raman spectroscopy for the reliable analysis of solid-state surfaces	Germany	Engineering	NanoStruct technology offers a new reliability to a powerful method, the so-called surface-enhanced Raman spectroscopy or "SERS". The so-called "SERS-plasters" enable, for the first time, the application of SERS on solid state surfaces thus opening completely new industrial markets. Their nanostructures consist of a novel material, and are fabricated by a scalable nanostructuring method, that was invented by the company and tailored specifically to the material. The combination allows reproducible nanostructures and enables a new reliability in ultrasensitive detection.
NOCTURNE GMBH	NeuroRetina	The eye as a window to the brain	Germany	Health/ICT	Nocturne GmbH, founded in 2018, is a spin-off from the Charité – Universitätsmedizin in Berlin developing software solutions to efficiently process retina image data for neurological applications at scale across devices using advanced AI-based analysis. Their innovative and unique technology tackles one of the current major challenges in healthcare: the rapidly increasing burden of brain diseases.
Solaterials GmbH	InC	Innovative nanostructured aluminium composite	Germany	Engineering	Solaterials goal is to develop, produce and to offer nano-structured lightweight materials. They developed a nanostructured aluminium material InC and transferred the production process from laboratory to pilot industrial scale. InC is the material that meets contemporary requirements and sets the course for the future. It's a key enabling technology that will lead to far-reaching developments in downstream industries. The material properties are needed in all future industries, such as e-mobility, 5G, and electronics.
KIDS SPEECH LABS LIMITED	SHARE	SHARE: a remote tool for automated speech and language assessment of children and personalised interventions.	Ireland	Health	The company is developing SHARE, a radical, data driven and digitally-delivered solution to address the problems in understanding children's speech and language development. Delivering accurate, in-home assessment of speech skills is the key to disrupting this industry, empowering the other stakeholders in this story to understand when a child's speech skills are on track and when they are not. Their goal is to reduce the over reliance on costly face to face therapy by developing solutions that don't just replicate existing practice but are developed around data and evidence and reflect the abilities and lifestyles of families.
Konree Innovation Limited	Game Changer	Game Changing Deep-Tech removing barrier to farmed salmon production growth for climate- & planet-friendly low carbon footprint animal protein	Ireland	Fishing/Environment	Konree Innovation is developing a deep-tech non-fish-handling solution that will employ both artificial and machine learning to outsmart the sea louse's biological strategy for infestation. The sea is a tough harsh environment, the technology will need to perform well in this environment and do no harm to the fish in the pen, the pen itself or the environment. All these requirements demand a deep-tech solution.

NATIONAL UNIVERSITY OF IRELAND GALWAY	XTremedy Medical	Developing a surgical infection treatment to reduce amputations, healing times and hospital stays for diabetic foot patients	Ireland	Health	XTremedy Medical is a surgical ablation company founded in 2018 to commercialize technology treating deep wound infections, including Diabetic Foot Infections (DFI). Their pulsed field ablation (PFA) system is the first to deliver electrical currents non-invasively to achieve superior clinical outcomes including faster cure of infections, reduced surgeries and shorter hospital stays.
SocialMind Ltd	SocialMind	Digital Personalized AI Based Platform Training Parents and Therapist to Develop Children with autism everyday interaction	Israel	Health	SocialMind developed a protocol that is based on ESDM (Early Start Denver Model) and PRT (Pivotal Response Treatment) autism evidence-based intervention. SocialMind broke down these comprehensive interventions into a series of concrete parenting skills, that motivate the child to interact and learn throughout the day. An essential component of the solution is based on the ability of the parent to upload a video of themselves interacting with their child and get a response from our Hybrid-Response system. An AI software analyzes the audio and visuals, and then a member of our community of qualified reviewers (parents that are our mega users, and students) goes over and complements the machine assessment.
StrokeAlert	StrokeAlert-WomenEU	Striking Stroke- enhancing and expanding StrokeAlert's business skills	Israel	Health	StrokeAlert objective is to improve the quality of life by reducing silent stroke impact. They will develop and introduce the first easy-to-use device for alerting stroke for high-risk populations. The first market is hospital use during sedation, with the end-stage market being home telemonitoring.
BIOMIMX SRL	uBeat	Mimic human complexity in a Beat to revolutionize the drug development	Italy	Health	BiomimX Beating organs-on-chips (OoC) are in vitro miniaturized and living replica of human organs and diseases, building upon cutting-edge technologies and human cells. BiomimX's proprietary key technology (uBeat®) supports 3D human cell cultures and integrates a controlled and tunable mechanical stimulation system. uBeat® leads to the generation of mature and functional miniaturized replication of human organs adequate to test compounds toxicity/functionality in a high-throughput fashion. Integration of uSense allows real-time evaluation of clinically relevant parameters from the established beating models.
ClearBox AI Solutions	TIME	Trustworthy and Inclusive MLOps (Machine Learning Operations) made in Europe	Italy	Artificial Intelligence	Clearbox AI, a deeptech Italian startup, has developed the AI Control Room. The AI control room is both a cloud-based and an on-premises software platform, built on a patented implementation of generative models derived from 10 years of Research and Development. It implements the various principles of trustworthy AI such as data assessment, technical robustness check, model validation, monitoring and reproducibility in a viable and easily usable technical environment.
ecosteer srl	DOP	Data Ownership Platform: turning privacy laws from an obstacle to an opportunity	Italy	ICT	Moving away from a centralised approach, where digital platforms that collect consumers' data have exclusive control over third party access, EcoSteer Data Ownership Platform technically implements a decentralised vision, where each consumer can directly control visibility over her data by each individual third party. Based on a patented multicast end-to-end encryption scheme and Smart Contracts, the DOP adds a layer of data access control decentralization on top of any existing data brokering platform, transforming it into a neutral and blind 'data intermediary'.
EMOJ SRL	HEGO	Health, safety and ErGOnomics for the future human-centric factory	Italy	Health	MSDs are inflammatory and/or degenerative ailments affecting all sectors and all categories of workers, and are by far the most common work-related health problem in the European industry. HEGO is an innovative solution based on a proprietary set of Motion Capture algorithms able to recognize the workers' gender, age, posture and movements in real-time and monitor ergonomics to adapt both workspace and workload according to worker's personal profile, to inform about potential MSDs risks, and to provide insights for improving the work environments.
Splastica srl	SP-Milk	Production of a new biodegradable bioplastic made up of biomolecules extracted from expired milk	Italy	Engineering	Splastica is an innovative startup and a spin off from University of Rome Tor Vergata. They developed an innovative way to turn expired milk into a biobased and biodegradable plastic, by means of a patented process. This bioplastic has been widely characterized, showing good hardness, resistance and great stability in a wide range of temperatures, and in contact with food, water, detergents. The single-use plastic industry is the target field of application of SP-Milk bioplastic.
Avodes	Avodes-Biotech	Avodes - biotechnological menstrual product for Candidiasis prevention	Lithuania	Biotech	Avodes has developed an innovative medical device for menstruation - a patented anatomically shaped "moist sponge" made of completely natural, biodegradable materials (biodegradable within 1 month). It protects innate defence mechanisms of vaginal microflora during most vulnerable period - menstruation. Avodes is the only medical product designed to prevent infection, rather than deal with the consequences. Avodes effectively disrupts the vicious cycle of "microbiota disbalance -> infection -> antibiotic/fungicidal treatment-> microbiota disbalance" and offers break-through solution which protects women's health and the environment.
UAB Aerodiagnostika	THRUST	THRUST - SUBSTITUTING HELICOPTERS WITH CLIMATE-FRIENDLY FIXED-WING DRONES FOR INFRASTRUCTURE INSPECTION	Lithuania	Transport / Drones	Replacing helicopters and walking crews with new generation unmanned aerial vehicles (UAVs) equipped with LiDAR, RGB and thermal cameras, combined with machine learning (ML) powered analytics, that can quickly and accurately identify defects and faults in electricity grid elements. THRUST drones are capable to fully substitute walking inspector crew and helicopters for infrastructure inspections at a fraction of a cost. Furthermore, their drones emit 171 times less CO2 per km than helicopters, and 10 times less than cars. Our drones have potential to cut EU CO2 emissions by 1.2 million tonnes of CO2 annually.

C2CAT BV	Innovalyst	INNOVATIVE ROUTES TO NOVEL CATALYST FOR UTILISING RENEWABLE ENERGIES	Netherlands	Energy/Environment	C2CAT is specialised in catalysis for H2 production, storage and recycling of CO2. Contribution to the H2 economy and CO2 reduction will be achieved at C2CAT via design, development and commercialisation of cost-effective alternative catalysts suitable for sustainable processes.
EXIT071 BV	EXO4EU	EXOsome analysis business for inclusive innovation ecosystem in EU	Netherlands	Biotech	EXIT071 (Exosome Isolation Tool) is a Leiden based startup developing pioneering technology for the analysis of novel biomarkers exosomes. They are a young yet experienced startup with great motivation and ambition to bring a very much needed technological solution to a highly potential exosomes market.
Linksight BV	LEAP	Linksight ExplainAble Privacy enhancing technologies	Netherlands	Engineering	Linksight is on a mission to make secure data analytics easy and scalable. They enable their customers to create data driven insights out of distributed datasets, without sharing any sensitive data. How? Through advanced cryptography such as MPC and blockchain. They focus on healthcare.
SusPhos B.V.	SusPhos	The first economically viable process for phosphate recycling	Netherlands	Engineering	The SusPhos solution upcycles P-rich waste like Sewage Sludge Ash (SSA) or struvite into phosphates, iron & magnesium salts, and silica mixtures. Their high-quality, pathogen-free compounds are suitable for formulating fertilisers and phosphate-based flame retardants (FR). Reaction by-products are fine-chemicals in their own right, making their technology a near-zero waste process.
Blue Lice AS	GTMBL	Go To Market Plan for Blue Lice	Norway	Fishing/Environment	Blue Lice develops a system that prevents sea lice infestations in salmon farming in a sustainable way. By only using a light source and the scent of salmon as attractants, the company has made a system of traps attracting and capturing sea lice before it can infest the salmon. This reduces the levels of sea lice at the fish farm, increasing welfare and reducing the cost by removing treatments against sea lice.
CTD AS	Woman Tech EU	Women Tech EU x CTD AS	Norway	Health	The company's app store will offer a wide range of applications targeting industries such as the healthcare sector and driving schools industry. The target group will, through the web portal, be able to create and design their own procedures and scenarios. As a result, the platform will offer 200-300 products.
Kaass Discovery AS	a-Doc	Intelligent Personalised Disease Monitoring Device: a-Doc	Norway	Health/Artificial Intelligence	Kaas Discovery deep-tech innovation is an Artificial Intelligence approach to the Monitoring of Autoimmune Diseases at Home with a Novel Biomarker Algorithm. Kaass Discovery is developing a highly novel, deep tech solution to allow autoimmune disease patients to self-manage their conditions and minimize or even eliminate the symptoms of autoimmune diseases. The solution, which we call 'a-Doc', uses a saliva sample to indicate disease activity and provide an accurate, instantaneous value.
Preforma AS	PSE	Womens' health tech scaleup in Europe	Norway	Health	Preforma AS is a deep tech company wanting to improve women's health. Their short term objective is to introduce their product in Europe, develop their platform further, and position themselves for scaling up, with Europe as their home market. In interaction with more than 40 000 patients and healthcare personnel, they have developed a dynamic medical history collector and started conceptualizing a deep tech platform for a wider range of services.
ENZYBIOTX Spolka z ograniczona odpowiedzialnoscia	ENZYBIOTX	Upgrading business potential of Enzybiotx	Poland	Health/Bioengineering	Enzybiotx provides a deep-tech platform for tailor made-enzybiotics targeting specific bacteria. The company has developed the platform for designing and generating new enzybiotics to target pathogenic bacteria of interest as an answer to the need of alternative antimicrobials development. The company, in collaboration with potential clients, is able to prepare tailor-made enzybiotics which target pathogens and perform all tests needed to adjust enzyme's properties and introduce them to the final products.
Microbic Sp. z o.o.	Methanotrophy	METHANE MANAGEMENT USING METHANOTROPHIC BACTERIA	Poland	Environment / Waste	The objective of the project is the commercialisation of a biotechnology based on methanotrophic bacteria that can turn waste methane into high grade, ecological products. The use of biofilters based on methanotrophic bacteria would reduce the negative impact of methane emissions to the environment, and obtain valuable raw materials from the produced bacterial biomass.
METATISSUE - BIOSOLUTIONS, LDA	TechTissue	TechTissue - Validate human-based 3D in vitro models for accurate drug discovery and development towards a successful market entry	Portugal	Health	Metatissue is focused on the design, production and commercialisation of chemically modified human-derived proteins to prepare hydrogels, sponges and bioinks to improve 3D cell and disease modelling for drug discovery and development, tissue engineering, and personalized medicine advancements. Metatissue has developed a bioactive platelet-rich plasma derivative precursor that can be cured upon light exposure to form soft materials with tunable mechanical properties.
Something in Hands - Investigação Científica Lda	CanceRusolution	A NEW DRUG TO TREAT TRIPLE NEGATIVE BREAST CANCER	Portugal	Health	R-nuucell is developing a new drug to treat Triple Negative Breast Cancer (TNBC) for which there is no specific and efficient treatment in the market, making this disease an unmet clinical need. Preliminary results have shown that the antimetastatic potential of their new drug which would, in principle, be able to eliminate the deadliest feature of cancer cells – their ability to invade and metastasize. This happens because the target of the drug is the cells' foundation (ie the cytoskeleton).

ekolive s.r.o.	BioRevolution	BIOSOLUTION FOR GLOBAL MINERAL CRISIS AND INCREASED FOOD PRODUCTION WITHOUT CHEMICALS	Slovakia	Environment	Ekolive is the first and leading provider of a new ecological bioleaching method (InnoBioTech®) for the ecological release of elements and the degradation of organic materials. This innovative technology replaces hazardous mining and processing methods, removes metals from industrial minerals in an ecological and economical way, and gives various industrial wastes a second life.
Bytelab Solutions S.L.	NEXTMOL	NEXTMOL - A virtual lab for safe and sustainable chemicals	Spain	Chemicals	Bytelab Solutions develops NEXTMOL (www.nextmol.com), a Software-as-a-Service platform for chemistry R&D. It provides molecular modelling and artificial intelligence tools to speed up the development of safe and sustainable chemicals. NEXTMOL shortens the path to chemical innovation accelerating the development by 10x over traditional approaches based exclusively on the laboratory.
ienai SPACE S.L.	ATHENA-Pi	ATHENA-Pi: INDUSTRIALIZATION AND MARKET INTRODUCTION	Spain	Space	ienai SPACE is developing ATHENA (Adaptable Thruster based on Electrospray for Nano-/micro-/pico-satellites) an innovative electric thruster for on-board propulsion based on electrospray technology, which represents a step change in comparison to the current state-of-the-art Electric Propulsion (EP) devices.
MEETOPTICS LABS S.L.	AdAIMeetOptics	ADVANCED AI BASED META-SEARCH PLATFORM IN PHOTONICS	Spain	Engineering	MeetOptics is a deep-tech start-up with a disruptive solution, unique in the global market, being the first specialized search engine for real-time photonic components. Thanks to the development of Artificial Intelligence (AI) algorithms and neural networks, it allows the global scalability of help and professional and precise technical guidance in this market.
THE BLUE BOX BIOMEDICAL SOLUTIONS S.L.	The Blue Box	THE BLUE BOX: A NEW AGE FOR BREAST CANCER DIAGNOSTICS	Spain	Health	THE BLUE BOX BIOMEDICAL SOLUTIONS S.L. is a deep tech European start-up developing a medical device based on Artificial Intelligence, capable of detecting breast cancer using urine samples, with 95% accuracy. The Blue Box presents higher performance and safety features as compared to competing technologies. It is NON-INVASIVE unlike mammography, as it uses urine samples; NON-IRRADIATING unlike mammography that makes use of radioactive materials; USER FRIENDLY as anyone can perform the test; LOW COST (<150 €) and it can be used by several family members.
Bright Day Graphene AB	Green Graphene	Acceleration of market deployment	Sweden	Raw materials	The company produces large volumes of a type of graphene optimised for energy storage and other applications. Their graphene has high conductivity and a large specific surface area. They call their graphene "green" because it is made from a renewable raw material (instead of graphite) and because they don't use toxic chemicals in their production process.
Enphasys AB	SMARTA	A sustainable small scale model for formulation absorption screening	Sweden	Health / pharma	The project's goal is to validate a small scale absorption model for sustainable and animal-free screening of pharmaceutical formulations intended for oral use. The model will use small volumes and low quantities of drugs and excipients, contributing to the sustainable approach. The advanced model will enable companies to early on identify the best formulation which enable and increase absorption after oral intake.
Vividye AB	Vividye	Vividye Removable Print Evaluation	Sweden	Biotech	Vividye offers a removable printing innovation that enables reuse of textiles. The technology is integratable in existing industrial settings and is aiming to facilitate the reuse of workwear. With cutting edge technology from Chalmers University of Technology in Gothenburg, Sweden, Vividye develops the product in close collaboration with industrial partners.
Simularge Bilisim ve Muhendislik Teknolojileri AS	Simularge	Physics-Informed AI platform for modeling of industrial cyber-physical systems	Turkey	Artificial Intelligence / Environment	Simularge aims to reduce the manufacturing waste within Europe and beyond. Simularge patent-pending deep-tech solution combines physics-Informed AI platform for modeling of industrial cyber-physical systems. It will optimize the production operations, minimize the use of raw materials, optimize the quality of products, and will help detecting in-time defective raw materials and products. The combination of these processes will contribute to reduce carbon footprint.