

## EIC Transition Open and Challenges 2022 call

Proposal Acronym	Proposal Title	Coordinating Organisation	Country Coordinator	Duration (months)	Recommended Budget
BionicVEST-2	EUROPEAN DEVELOPMENT OF A FIRST COMMERCIAL BIONIC VESTIBULAR IMPLANT FOR VESTIBULAR DYSFUNCTION - 2	COCHLEAR BENELUX NV	BE	36	2.498.937,50 €
3DPRINTOPTIXMARKET	3D Printed Micro-Optics to the Market	Printoptix GmbH	DE	36	2.496.602,75 €
LiveSen-MAP	Real-time nutrient sensing for mapping fertilizer needs	TECHNISCHE UNIVERSITAET MUENCHEN	DE	36	2.499.955,00 €
MagSense	Hyperpolarized NMR made simple	NVISION IMAGING TECHNOLOGIES GMBH	DE	24	2.451.913,75 €
SPINNODE	SpINNAker on the Edge	SpINNcloud Systems GmbH	DE	24	2.500.000,00 €
SUPREME	Superconductor-Based Readiness Enhanced Magnetoplasmadynamic Electric Propulsion	NEUTRONSTAR SYSTEMS UG	DE	30	2.499.995,75 €
GLASS	Green Laser-Assisted Surface Structuring	Biomimetic	EL	30	2.498.945,00 €
CARxALL	Next generation, off-the-shelf CD1a/CCR9-directed CAR immunotherapy for relapse/refractory T-cell acute lymphoblastic leukemia	ONECHAIN IMMUNOTHERAPEUTICS	ES	36	2.497.500,00 €
HDLN	High-Density Lithium Niobate Photonic Integrated Circuits	VLC PHOTONICS SL	ES	30	1.549.111,25 €
QSTACK	Low-power consumption, heavy-metal-free wide-spectrum image sensors for mass-market computer vision applications	QURV TECHNOLOGIES SL	ES	24	2.370.937,50 €
RoCCQeT	Real-World Commercial Coherent Quantum Annealing Technology	QILIMANJARO QUANTUM TECH SL	ES	24	2.495.000,00 €
SOIL2POWER	SOIL microbial fuel cells TO (2) POWER precise irrigation systems.	ARKYNE TECHNOLOGIES SL	ES	36	2.499.812,50 €
TraffikGene-Tx	TraffikGene-Tx: Targeted Peptide Carriers for RNA Delivery	UNIVERSIDAD DE SANTIAGO DE COMPOSTELA	ES	36	2.499.000,00 €
PeptiCHIP	Pre-clinical validation and demonstration of PeptiCHIP: an immunopurification microfluidic device and software for (neo)antigen identification and prioritization	Valo Therapeutics Oy	FI	24	2.226.280,00 €
SoCool	Solid-State Cooling Technology for Cryogenic Devices	TEKNOLOGIAN TUTKIMUSKESKUS VTT OY	FI	36	1.298.411,00 €
GALILEO	The first wide range flow sensor to unlock microfluidic cell analyses for preclinical studies	ELVESYS	FR	24	1.667.500,00 €
MAG.NET	Magnetic neural Network for predictive maintenance	Golana Computing	FR	36	2.500.000,00 €
MAGNIFY	Multi-lane, high-power Photonic Integrated Circuit-based Erbium-Doped Amplifier	LIGENTEC FRANCE	FR	36	1.584.066,25 €
SMARTWAY	Nano meta components for electronic smart wireless systems	THALES	FR	36	2.457.765,00 €
SPIN-ION	Hybrid Spintronic Synapses for Neuromorphic Computing	SPIN-ION TECHNOLOGIES	FR	30	2.500.000,00 €
Crop4Clima	Resilient and environmentally sustainable engineered crops to address climate change	EVOGENE LTD	IL	32	2.475.562,50 €
BIOPURE	Biopharmaceuticals purification by continuous membrane-assisted crystallization achieving lower cost and intensified processes	CONSIGLIO NAZIONALE DELLE RICERCHE	IT	36	2.491.245,00 €
KEEPER	Key codeE based on nanomaterials to Protect services and products	POLITECNICO DI MILANO	IT	30	2.111.146,25 €
PHIRE	Photoacoustic imaging and artificial intelligence-based theranostic approach for cancer	OSPEDALE SAN RAFFAELE SRL	IT	36	2.471.021,25 €
PreBiomicsPMT	A metagenomic-based precision-medicine tool for personalized diagnosis, prognosis and treatment of oral diseases	PREBIOMICS SRL	IT	36	2.461.900,00 €
ROBIOPSY	AI and Robotics for Prostate Biopsy	UNIVERSITA DEGLI STUDI DI VERONA	IT	36	2.499.141,00 €
SILKink	Revolutionary silk-based bioink for 3D printing of ex vivo bone marrow models to advance drug development and personalized medicine	UNIVERSITA DEGLI STUDI DI PAVIA	IT	36	2.494.687,50 €
Groove	Germanium quantum processors: more, robust, available	TECHNISCHE UNIVERSITEIT DELFT	NL	24	2.500.000,00 €
LUMINODIN	A multipotent fluorescent tracer for imaging cancer lesions during surgery and follow up	ACADEMISCH ZIEKENHUIS LEIDEN	NL	36	2.500.000,00 €
BIGALPS	Bio Inspired Geotechnical Applications to Launch Pan-European Solutions	UNIVERSITATEA TEHNICA CLUJ-NAPOCA	RO	36	1.756.837,50 €
TOPFIBRO	Targeting OGG1 in Idiopathic Pulmonary Fibrosis	OXCIA AB	SE	36	2.500.000,00 €
ENABLER	Tech and business validation towards market readiness of high-performance PFSA-free intermetallic Pt-alloy membrane electrode assemblies for PEMFCs: Enabling next-gen hydrogen-based transport	RECATALYST, RAZVOJ, PROIZVODNJA IN PRODAJA KATALIZATORSKIH KOMPOZITOV, D.O.O.	SI	30	2.495.900,00 €
GENERA	A revolutionary, highly versatile drug delivery platform based on Metal-Organic Frameworks	Vector Bioscience Cambridge Ltd	UK	36	2.498.082,00 €
IBDSENSE	Non-invasive technologies for diagnosis and monitoring of inflammatory bowel diseases	THE UNIVERSITY OF EDINBURGH	UK	36	2.466.590,00 €