

EIC Transition Open and Challenges 2021 call

Acronym	Title	Coordinating organisation	Country Coordinator	Duration (months)	Recommended EU contribution
L2D2	Laser digital transfer of 2D materials enabled photonics: from the lab to the fab	NATIONAL TECHNICAL UNIVERSITY OF ATHENS - NTUA	EL	36	2,499,975.00 €
ebeam4therapy	Very High Energy Electrons Beam for Radiotherapy	WEIZMANN INSTITUTE OF SCIENCE	IL	36	2,477,043.00 €
DiaDEM	Digital Discovery Platform for Organic Electronics Materials	THE UNIVERSITY OF LIVERPOOL	UK	36	2,153,808.00 €
FADEQ	Fully automated cell-free DNA extraction and quantification of liquid biopsies safely from Patient to Lab	BiopSense Ltd	FI	36	2,500,000.00 €
METATHERM	Meta-Antenna and Energy harvesting/storage modules development for autarkic sensors arrays	BERLINER NANOTEST UND DESIGN GMBH	DE	36	2,498,710.00 €
SiMulTox	Simultaneous Multiparametric MEA based platform for in-vitro chronic cardiotoxicity assessment with live-cell fluorescence imaging and electrophysiology.	Foresee biosystems srl	IT	24	786,875.00 €
INCYPROnext	INCYPRO: A key technology to enable the broad application of proteins in diagnostics and therapeutics	InCircular B.V.	NL	36	2,498,750.00 €
3P-Tec	3P-Tec - Three-parent breeding technology for plants of the future	UNIVERSITAET BREMEN	DE	40	2,498,828.00 €
PRISMA	MICRO-MECHANICAL PUMP FOR NEXT GENERATION INSULIN DELIVERY SYSTEMS	DANMARKS TEKNISKE UNIVERSITET	DK	36	2,499,838.00 €
INSPIRE	Innovating iN Smart Programmable IntegRatEd photonics	IPRONICS PROGRAMMABLE PHOTONICS, S.L.	ES	24	2,453,292.00 €
EarDiTech	Precision Hearing Diagnostics and Augmented-hearing Technologies	UNIVERSITEIT GENT	BE	36	2,499,416.00 €
PHRASE	Personalised Health cognitive assistance for Rehabilitation SystEm	EODYNE SYSTEMS SL	ES	36	2,496,674.00 €
TRANS2DCHEM	Transition of 2D-chemistry based supercapacitor electrode material from proof of concept to applications	UNIVERZITA PALACKEHO V OLOMOUCI	CZ	36	2,485,717.00 €
NEMILIES	NanoElectroMechanical Infrared Light for Industrial and Environmental Sensing	INVISIBLE-LIGHT LABS GMBH	AT	24	2,223,128.00 €
NanoVision	Photonic chip based high-throughput, multi-modal and scalable optical nanoscopy platform	CHIP NANOIMAGING AS	NO	36	2,489,571.00 €
B-BRIGHTER	Better Bioprinting by Light-sheet Lithography	MYCRONIC AB	SE	30	2,093,331.00 €
SHINTO	Self HeallNg soft materials for susTainable prOducts	VRIJE UNIVERSITEIT BRUSSEL	BE	36	2,488,500.00 €
GA-VAX	Advancing a vaccine targeting genetic amyotrophic lateral sclerosis (C9orf72 ALS) to the clinical stage	DEUTSCHES ZENTRUM FUR NEURODEGENERATIVE ERKRANKUNGEN EV	DE	32	2,499,810.00 €
PCAVISION	Prostate Cancer Diagnosis, Localisation and Characterisation using Ultrasound	Angiogenesis Analytics BV	NL	24	1,950,000.00 €
SPECTRUM	SuPErConducTing Radio-frequency switch for qUantuM technologies	CONSIGLIO NAZIONALE DELLE RICERCHE	IT	36	2,499,222.00 €
GLUMON	Next generation in-blood glucose monitoring using non-invasive optoacoustic sensing	HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT GMBH	DE	48	2,499,710.00 €
Super-HEART	Super-HEART: a fault-tolerant and highly efficient energy hub with embedded short-term energy storage for high availability electric power delivery	CHRISTIAN-ALBRECHTS-UNIVERSITAET ZU KIEL	DE	36	2,499,267.00 €
THERMOBAT	A Ferrosilicon Latent Heat Thermophotovoltaic Battery	UNIVERSIDAD POLITECNICA DE MADRID	ES	48	2,575,920.00 €
Pre-ART-2T	Predictive REagent-Antibody Replacement Technology stage 2-Translation	ASTON UNIVERSITY	UK	36	1,782,485.00 €
HYPERIA	High-throughput hyperspectral imaging across the VIS-SWIR spectrum in a single device	NIREOS SRL	IT	24	1,500,000.00 €
SISHOT	Single-shot, ultrashort laser pulse characterization based on the dispersion scan technique	LUNDS UNIVERSITET	SE	36	2,071,778.00 €

E.T.PACK-F	A Ready-to-Fly Deorbit Device Based on Electrodynamic Tether Technology	UNIVERSIDAD CARLOS III DE MADRID	ES	30	2,499,513.00 €
ARTRIGEL	Development of a Complete Triple Action Injectable Treatment for Osteoarthritis	Relevium Medical Limited	IE	24	2,398,115.00 €
CHARM	Chemometric histopathology via coherent Raman imaging for precision medicine	CAMBRIDGE RAMAN IMAGING SRL	IT	42	3,279,729.00 €
SilkPlatelet	Closing the European gap towards a large scale ex vivo platelet production built upon a silk-based scaffold bioreactor	UNIVERSITA DEGLI STUDI DI PAVIA	IT	36	2,473,072.00 €
PureSurf	Bio-based surfactants from renewable waste streams for the circular economy	UNIVERSITAET GRAZ	AT	36	2,475,998.00 €
NEXUS	automated in-line separation and detection of extracellular vesicles for liquid biopsy applications	CONSIGLIO NAZIONALE DELLE RICERCHE	IT	36	2,497,750.00 €
TAONas-LUAD	Therapeutic Antisense Oligonucleotides Targeting NUMB Alternative Splicing in Lung Adenocarcinoma	FUNDACIO CENTRE DE REGULACIO GENOMICA	ES	45	2,899,553.00 €
ACHILLEUS	Next-Generation Drug Discovery Platform for Targeting Cancer Stem Cell Pathways	KREBSFORSCHUNGSZENTRUM HEIDELBERG	DE	36	2,433,125.00 €
VRP	Visual Robot Programming	TECHNISCHE UNIVERSITAT DARMSTADT	DE	24	1,141,648.00 €
LucidWave	A Novel Handheld Ultrasound Medical Imaging Probe: Prototyping, Initial Validation and Business Development	KATHOLIEKE UNIVERSITEIT LEUVEN	BE	36	2,427,025.00 €
MITI	Non-ionizing Metabolic Imaging for predicting the effect of and guiding Therapeutic Interventions	UNIVERSITAIR MEDISCH CENTRUM UTRECHT	NL	30	2,499,106.00 €
FIBREX	Targeting cardiac fibrosis with next generation RNA therapeutics	MEDIZINISCHE HOCHSCHULE HANNOVER	DE	22	2,499,482.00 €
MoSS	Molecular Storage System (MoSS): Intelligent DNA Data Storage	HELIXWORKS TECHNOLOGIES LIMITED	IE	24	3,007,127.00 €
KATSIM	Cataract Simulator Diagnostics Device Development Using Computational Holographic Displays	KOC UNIVERSITY	TR	36	2,010,200.00 €
ReverseParalysis	BRAIN-SPINE INTERFACES TO REVERSE UPPER- AND LOWER-LIMB PARALYSIS	ONWARD Medical B.V.	NL	36	2,490,802.00 €
MIRACLE	MIRACLE the platform for virtual biopsies; introducing Metabolic MRI-as-a-Service for oncologic care	WAVETRONICA BV	NL	36	2,495,127.00 €