

EIC Pathfinder Open - 2021 call

Acronym	Title	Coordinating organisation	Country coordinator	Duration (months)	Recommended EU Contribution
ThermoDust	A paradigm shift for the future's thermal management devices through radical innovation in new materials and additive manufacturing	THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN	IE	48	2726390
VortexLC	Vortex enhanced liquid chromatography for HbA1c monitoring based diabetes management in a globalized setting	VRJUE UNIVERSITEIT BRUSSEL	BE	48	3014376
BRISQ	Brisk Rydberg Ions for Scalable Quantum Processors	STOCKHOLMS UNIVERSITET	SE	36	2968172
TwistedNano	Twisted nanophotonic technology for integrated chiroptical sensing of drugs on a chip	UNIVERSITA DEGLI STUDI DELL'AQUILA	IT	48	3197927
CEREBRO	an electric Contrast medium for computationally intensive Electroencephalographies for high REsolution BRain imaging withOut skull trepanation	POLITECNICO DI TORINO	IT	48	2498688
EVA	Magnetolectric 3D printing technology - the revolution of actuatable composites	UNIVERSITAT DE BARCELONA	ES	48	2109624
NEUROSENSE	NEUROendocrine SENSOR for Sudden Unexpected Death in Epilepsy (SUDEP) prediction and prevention	I3S - INSTITUTO DE INVESTIGACAO E INOVACAO EM SAUDE DA UNIVERSIDADE DO PORTO	PT	48	3745350
NewCat	Teaching Lytic Polysaccharide Monoxygenases to do Cytochrome P450 Catalysis	NORGES MILJO-OG BIOVITENSKAPJUE UNIVERSITET	NO	36	2999773
BIOMET4D	Smart 4D biodegradable metallic shape-shifting implants for dynamic tissue restoration	FUNDACION IMDEA MATERIALES	ES	48	3439542
PLAST_CELL	A multiplexed biomimetic imaging platform for assessing single cell plasticity (Plastomics) and scoring of tumour malignancy	FUNDACIO CENTRE DE REGULACIO GENOMICA	ES	48	2982792
SWOPT	Breaking the penetration limit of microscopy – Photoswitching Optoacoustics	HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT GMBH	DE	48	2936974
Yscript	Yeast cell factory for mRNA bioproduction	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	FR	36	3078363
CATCHER	Creation of innovative "humidity to electricity" renewable energy conversion technology towards sustainable energy challenge	NOVA ID FCT - ASSOCIACAO PARA A INOVACAO E DESENVOLVIMENTO DA FCT	PT	48	2996550
ESIM	Energy Storage in Molecules	TECHNISCHE UNIVERSITAET DRESDEN	DE	48	2999822
TROPHY	ultrafast Holographic FTIR microscopy	POLITECNICO DI MILANO	IT	42	2710679
CORENET	Complex chemical reaction networks for breakthrough scalable reservoir computing	UNIVERSIDAD AUTONOMA DE MADRID	ES	48	2047125
AM2SoftMag	Additive Manufacturing of Amorphous Metals for Soft Magnetics	UNIVERSITAT DES SAARLANDES	DE	48	2996780
DeLIVERY	Long-term Microphysiological Sample Imaging for Evaluation of Polypharmacy in Liver	UNIVERSITAET BIELEFELD	DE	48	2999929
NanoXCAN	Nanoscale virus imaging X-ray microscope based on incoherent diffraction	ASSOCIACAO DO INSTITUTO SUPERIOR TECNICO PARA A INVESTIGACAO E DESENVOLVIMENTO	PT	48	3723551
TECHNO-CLS	Emerging technologies for crystal-based gamma-ray light sources	MBN RESEARCH CENTER GGBH	DE	60	2999709
OpenMIND	Opto-Electronic Neural Connectoid Model Implemented for Neurodegenerative Disease	DANMARKS TEKNISKE UNIVERSITET	DK	36	2992204
MIMOSA	4D Microscopy of biological materials by short pulse terahertz sources (MIMOSA)	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	FR	48	3091782
VerSiLiB	Versatile Amplification Method for Single-Molecule Detection in Liquid Biopsy	TEKNOLOGIAN TUTKIMUSKESKUS VTT OY	FI	48	2994245
SMELLODI	Smart Electronic Olfaction for Body Odor Diagnostics	TECHNISCHE UNIVERSITAET DRESDEN	DE	36	2972969
MAPWORMS	Mimicking Adaptation and Plasticity in WORMS	SCUOLA SUPERIORE DI STUDI UNIVERSITARI E DI PERFEZIONAMENTO S ANNA	IT	48	2896750
NeoVasculoStop	NATURAL INTRAOCULAR PHOTOACTIVATION OF COMPOUNDS TO FIGHT RETINOPATHIES	EXPERIMENTICA OY	FI	48	2988435
HYBRAIN	Hybrid electronic-photonics architectures for brain-inspired computing	UNIVERSITEIT TWENTE	NL	48	2259310
MeBattery	MEDIATED BIPHASIC BATTERY	UNIVERSIDAD DE BURGOS	ES	36	2508694
CATART	Reaction robot with intimate photocatalytic and separation functions in a 3-D network driven by artificial intelligence	UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA	ES	48	3255433
TWAC	THz Wave Accelerating Cavity for ultrafast science	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	FR	48	3198153
SynEry	Bottom-up reconstruction of a Synthetic Erythrocyte	KATHOLIEKE UNIVERSITEIT LEUVEN	BE	48	3292827
FantasiCOF	FantasiCOF: Fabricating and Implementing Exotic Moiré Materials from Covalent Organic Frameworks	UNIVERSIDAD DEL PAIS VASCO/ EUSKAL HERRIKO UNIBERTSITATEA	ES	36	2383360
LeadtoTreat	Targeted Nano-formulations for Treatment of MRSA: A multicomponent platform for nano-formulated treatment of resistant microbial infections	SINTEF AS	NO	48	2665565
CSOC	Chip-scale Optical Atomic Clock	UNIVERSITEIT GENT	BE	36	2623127
ECLIPSE	ECL-based Infectious Pathogen (bio)SEnsor	ALMA MATER STUDIORUM - UNIVERSITA DI BOLOGNA	IT	42	2683996
PRINGLE	Protein-based next generation electronics	UNIVERSITEIT ANTWERPEN	BE	48	3267128
SSLIP	Scaling-up SuperLubricity into Persistence	THE PROVOST, FELLOWS, FOUNDATION SCHOLARS & THE OTHER MEMBERS OF BOARD, OF THE COLLEGE OF THE HOLY & UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN	IE	48	3905964
msGUIDE	Insight into Drug Distribution and Local Concentration using Multispectral Imaging of Fluorescent Drugs in Inflammatory Bowel Diseases	HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT GMBH	DE	60	3538468
ICARO	Intracellular Carrier Against Resistant microOrganisms (ICARO)	Arrays-for-cell Nanodevices S.L	ES	48	2997047
RESORB	On-Demand Bioresorbable Optoelectronic System for In-Vivo and In-Situ Monitoring of Chemotherapeutic Drugs	UNIVERSITA DI PISA	IT	36	2706435
InsectNeuroNano	Insect-Brain inspired Neuromorphic Nanophotonics	LUNDS UNIVERSITET	SE	48	2999999
QuCoM	Quantum Control of Gravity with Levitated Mechanics	UNIVERSITY OF SOUTHAMPTON	UK	36	2753179
INTEGRATE	Biointegrable soft actuators alimented by metabolic energy	UNIVERSITE DE FRIBOURG	CH	48	1698750
REMAP	REusable MAsK Patterning	UNIVERSITA DEGLI STUDI DI GENOVA	IT	48	3925044
MHz-TOMOSCOPY	MHz rate multiple projection X-ray MicroSCOPY	STIFTUNG DEUTSCHES ELEKTRONEN-SYNCHROTRON DESY	DE	42	3481139
QuMicro	Quantum Microwave Detection with Diamond Spins	INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM	BE	36	2914056
4-DBR	4-Deep Brain Reconstruction	CONSORCI INSTITUT D'INVESTIGACIONS BIOMEDIQUES AUGUST PI I SUNYER	ES	36	2987776
BioPIM	Processing-in-memory architectures and programming libraries for bioinformatics algorithms	BILKENT UNIVERSITESI VAKIF	TR	48	1966665
DYNAMO	Dynamic Spatio-Temporal Modulation of Light by Phononic Architectures	UNIVERSITAT JAUME I DE CASTELLON	ES	48	2895583
AntiMatter-OTech	Novel Opaque Scintillator Technology for Nuclear Industry Imaging based on Anti-Matter Detection	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	FR	48	5722591
PALANTIRI	Phase-sensitive Alteration of Light colorAtioN in quadri-parTite gaRnet cavity	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR	42	3303535
DeepU	Deep U-tube heat exchanger breakthrough: combining laser and cryogenic gas for geothermal energy exploitation	UNIVERSITA DEGLI STUDI DI PADOVA	IT	36	2994268
iSenseDNA	Computation driven development of novel vivo-like-DNA-nanotransducers for biomolecules structure identification	UPPSALA UNIVERSITET	SE	48	3000419
QUSTom	Quantitative Ultrasound Stochastic Tomography - Revolutionizing breast cancer diagnosis and screening with supercomputing-based radiation-free imaging.	BARCELONA SUPERCOMPUTING CENTER-CENTRO NACIONAL DE SUPERCOMPUTACION	ES	24	2959999
DREAM	Dynamic Regulation of photosynthesis in light-Acclimated organisms	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	FR	48	3090028
EcoPlastiC	Eco conversion of lower grade PET and mixed recalcitrant PET plastic waste into high performing biopolymers	ATHLONE INSTITUTE OF TECHNOLOGY	IE	36	3045503