

EIC PATHFINDER OPEN - 2023 CALL

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

Acronym	Short description	Coordinating organisation	Duration (months)	Country coordinator
BioMembrOS	Biomimetic Membranes for Organ Support	TECHNISCHE UNIVERSITÄT WIEN	42	AT
I-SCREEN	I(eye)-SCREEN: A real-world AI-based infrastructure for screening and prediction of progression in age-related macular degeneration (AMD) providing accessible shared care	MEDIZINISCHE UNIVERSITÄT WIEN	48	AT
FASTCOMET	Future Data Storage Using Colloidal Memory Technology	KATHOLIEKE UNIVERSITEIT LEUVEN	36	BE
ArtCell	Bottom-up manufacturing of artificial anti-tumor T cells	KATHOLIEKE UNIVERSITEIT LEUVEN	60	BE
IgnitePLASMA	A minimally invasive surgical platform against pancreatic and biliary tract cancers using cold atmospheric PLASMA	UNIVERSITY OF CYPRUS	48	CY
SENSORBEEs	Sensorbees are ENhanced Self-ORGanizing Bio-hybrids for Ecological and Environmental Surveillance	ČESKÉ VYSOKÉ UČENÍ TECHNICKÉ V PRAZE	60	CZ
SMARTdrugs	SUPRAMOLECULAR AGENTS AS RADIOTHERANOSTIC DRUGS	TECHNISCHE UNIVERSITÄT MÜNCHEN	48	DE
PERAMEDIC	Personalised Adaptive Medicine	FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG EV	36	DE
E-COOL	A HOLISTIC APPROACH OF ELECTRIC MOTOR COOLING	OTTO-VON-GUERCKE-UNIVERSITÄT MAGDEBURG	48	DE
UNIsens	Universal GPCR Activity Sensor for Next Generation Drug Discovery	ISAR BIOSCIENCE GmbH	48	DE
IRASE	Intelligent Radiation Sensor Readout System	DANMARKS TEKNISKE UNIVERSITET	48	DK
BlueArray	Integrated blue light phased arrays enabling underwater optical wireless networks: towards a new era of Internet of Underwater Things (IoUT)	DANMARKS TEKNISKE UNIVERSITET	48	DK
HiCon	Highly Efficient Reactor for Conversion of CO2 and H2O to Carbon Neutral Fuels and Chemicals	SYNERGIES STIN EPISTIMI KAI TECHNOLOGIA-SYNEST IDIOTIKI KEFALAIOUCHIKI ETAIREIA	36	EL
ADAPTATION	Adaptable bio-inspired polariton-polariton energy management	UNIVERSIDAD DE VIGO	48	ES
EVERGLASS	EVERGLASS: THE NEW ROLE OF GLASS IN A SUSTAINABLE SOCIETY. TECHNOLOGY FOR THE INTEGRAL RECYCLING OF GLASS.	UNIVERSIDAD DE VIGO	36	ES
FLUJET	Flow detection of viruses by graphene Field Effect Transistor microarrays	UNIVERSIDADE DA CORUNIA	42	ES
WASTE2H2	PLASTIC WASTE VALORIZATION TO CLEAN H2 AND DECARBONIZED CHEMICALS BY CATALYTIC DECONSTRUCTION WITH NOVEL IONIC LIQUID-BASED CATALYTIC SYSTEMS	CENTRO DE INVESTIGACION COOPERATIVA DE ENERGIAS ALTERNATIVAS FUNDACION, CIC ENERGIGUNE FUNDAZIOA	48	ES
ISIS	ISIS-implantable Ecosystems of Genetically Modified Bacteria for the Personalized Treatment of Patients with Chronic Diseases	SILK BIOMED, S.L.	36	ES
ALADDIN	Accelerated Discovery Nanobody Platform	AGENCIA ESTATAL CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS	48	ES
PHOTOTHERAPORT	LUMINESCENT IMPLANTS AS PORTS FOR LIGHT-BASED THERAPIES	FUNDACIO INSTITUT DE BIOINGENIERIA DE CATALUNYA	36	ES
UNISON	UNIVERSAL SENSOR BASED ON ELECTRICALLY-PUMPED MID-INFRARED SPECTROMETER ON SILICON CHIPS	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	48	FR
HYPERSONIC	High mobility Printed nEtworks of 2D Semiconductors for advanced electronics	UNIVERSITE DE STRASBOURG	48	FR
Maximium	Pharmaco-modulation of epithelia for induction of antimicrobial peptide expression: a disruptive approach to fight antibiotic resistance	ECOLE NORMALE SUPERIEURE	48	FR
ICONIC	In-situ & operando organic electrochemical transistors monitored by non-destructive spectroscopies for Organic cmos-like Neuromorphic Circuits	INSTITUT MINES-TELECOM	48	FR
OBELIX	Orbital Engineering for Innovative Electronics	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	48	FR
CIRCUIGHT	CIRCULATING LIGHT ON ANY PHOTONIC PLATFORM	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	42	FR
OMICSENS	Integrated nano-photonic OMICs bio-Sensor for lung cancer	MULTIWAVE IMAGING	36	FR
BEALIVE	Bioinspired Electroactive Aeronautical multiscale LIVE-skin	INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE	36	FR
ABCcardionostics	Human Antibody-enabled Cardiovascular Personalized Theranosis	UNIVERSITE DE BORDEAUX	48	FR
DREAM	PROCESSING COMPLEX MATRICES: DESCRIPTION, REACTION-SEPARATION, MODELLING	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	48	FR
POLINA	Unprecedented photolithographic structuring of novel light-sensitive poly(amino acid) materials – a paradigm shift in delivering biocompatible devices	ROYAL COLLEGE OF SURGEONS IN IRELAND	48	IE
CellMembrane	Development of delignified nanocellulose based gas transfer scaffold membrane for artificial lung applications.	SMART REACTORS SERVICE LIMITED	36	IE
QUONDENSATE	QUantum reservoir cOMputing based on eNginneered DEfect Networks in tRansition meTal dichalcogEnides	POLITECNICO DI MILANO	48	IT
PHOENIX-Ooc	Origami Paper-based technology fOr the innovatIve and sustainablE Organ-on-Chip devices	UNIVERSITA DEGLI STUDI DI ROMA TOR VERGATA	36	IT
BuonMarrow	Bone Marrow-on-Chip as smart sensor of lung cancer relapse	POLITECNICO DI MILANO	36	IT
MADECOLD	Multi Material Additive Manufacturing with Electrostatic Cold Spray	POLITECNICO DI MILANO	48	IT
LaserBlood	Biophotonic Nanoparticle-enabled Laser Blood Test for Early Detection of Pancreatic Cancer	FLIM LABS SRL	48	IT
W-BioCat	TUNGSTEN BIOCATALYSIS – HEAVY METAL ENZYMES FOR SUSTAINABLE INDUSTRIAL BIOCATALYSIS	TECHNISCHE UNIVERSITEIT DELFT	48	NL
SPiKEPro	SPiKING PHOTONIC-ELECTRONIC IC FOR QUICk AND EFFICIENT PROCESSING	TECHNISCHE UNIVERSITEIT EINDHOVEN	48	NL
4Tunables	For Tunable Thermochemical Energy Storage	TECHNISCHE UNIVERSITEIT EINDHOVEN	48	NL
NuCapCure	Development of innovative proton and neutron therapies with high cancer specificity by 'hijacking' the intracellular chemistry of haem biosynthesis.	UNIVERSITETET I OSLO	54	NO
NOVO	NEXT GENERATION IMAGING FOR REAL-TIME DOSE VERIFICATION ENABLING ADAPTIVE PROTON THERAPY	HOGSKULEN PA VESTLANDET	48	NO
PsiART	Neuromorphic Polariton Accelerator	UNIVERSYTET WARSZAWSKI	48	PL
REGENERAR	IMPROVING THE EFFECTIVENESS AND SAFETY OF EPIGENETIC EDITING IN BRAIN REGENERATION	UNIVERSIDADE DE COIMBRA	48	PT
MemCat	Membrane-assisted Ethylene Synthesis over Nanostructured Tandem Catalysts	LABORATORIO IBERICO INTERNACIONAL DE NANOTECNOLOGIA LIN	48	PT
QUANTUM-TOX	QUANTUM-TOX - Revolutionizing Computational Toxicology with Electronic Structure Descriptors and Artificial Intelligence	FASTCOMPChem, LDA	48	PT
Blood2power	Blood as energy source to power small vascular grafts	IS3 - INSTITUTO DE INVESTIGACAO E INOVACAO EM SAUDE DA UNIVERSIDADE DO PORTO	36	PT
EnterBio	Enteric Bioelectronics for Sensing and Stimulating the CNS	LINKOPINGS UNIVERSITET	48	SE
RESYNC	Functional chemical reprogramming of cancer cells to induce antitumor immunity	LUNDS UNIVERSITET	36	SE
NatProLub	NATURE-INSPIRED PROPHYLACTIC LUBRICANTS AGAINST HIV-1 AND HSV-2	UPPSALA UNIVERSITET	48	SE
QRC-4-ESP	Quantum reservoir computing for efficient signal processing	LOUGHBOROUGH UNIVERSITY	36	UK
GlioLight	Next Generation Glioma Treatments using Direct Light Therapy	ASTON UNIVERSITY	36	UK
Bio-HHOST	Next Generation 3D Tissue Models: Bio-Hybrid Hierarchical Organoid-Synthetic Tissues (Bio-HHOST) Comprised of Live and Artificial Cells.	CARDIFF UNIVERSITY	36	UK