

## EIC Pathfinder Challenges - 2025 Call results

Acronym	Title	Coordinating organisation	Country coordinator	Duration (months)
<b>Challenge 1: Biotech for climate resilient crops and plant-based biomanufacturing</b>				
INPROBED	INNOVATIVE RATIONAL PROMOTER BREEDING FOR CLIMATE RESILIENT CROPS INPROBED	KEYGENE NV	NL	48
BIOCRAFT	Crafting system resilience – from a holistic biotech approach to smart crops and efficient biomanufacturing	FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV	DE	48
NOAH	Crop resilience through AI-guided microbiome engineering	UNIVERSITEIT UTRECHT	NL	60
CitrusAid	BIOTECHNOLOGICAL ENGINEERING IN CULTIVATED CITRUS SPECIES FOR MULTIPLE STRESS TOLERANCE AND ENHANCED NUTRACEUTICAL PROPERTIES	UNIVERSITAT JAUME I DE CASTELLON	ES	48
EVOLVE	Translating Extracellular Vesicle Communication into AI Guided Breeding and Smart Biofertilization	AARHUS UNIVERSITET	DK	36
ENRICH	Exploiting genome editing and natural variation to develop climate-resilient and nutrient-rich crops, strengthening sustainability, productivity, and food security across European agriculture	TSENTAR PO RASTITELNA SISTEMNA BIOLOGIYA I BIOTEHNOGIYA	BG	48
SMARTER FRUIT	Synthetic Meiosis, Alternative Regeneration strategies, innovative Tools for Editing and targeting Regulatory regions in FRUIT crops	FONDAZIONE EDMUND MACH	IT	48
<b>Challenge 2: Generative-AI based agents to revolutionise medical diagnosis and treatment of cancer</b>				
LUMINA	LUng Modeling and INtelligence for Advanced care: A Digital Twin Approach to Lung Cancer Diagnosis and Treatment	AALBORG UNIVERSITET	DK	48
M4GIC-ILC	Multi-modal, Multi-site, Multi-omic, Multi-AGent AI framework for the Clinical management of ILC	KATHOLIEKE UNIVERSITEIT LEUVEN	BE	36

PROMETHEUS	PROstate cancer Multimodal Explainable Transferable Holistic Expert for Universal Stratification	DEUTSCHES KREBSFORSCHUNGSZENTRUM HEIDELBERG	DE	48
ABIGAIL4D	Advancing Breast cancer Individualised Generative AI for Longitudinal Outcomes	FUNDACIO EURECAT	ES	52
IMPACT-OC	Interpretable Multimodal Predictive Agents and Digital Twins for Ovarian Cancer	DANUBE PRIVATE UNIVERSITY GMBH	AT	48
GLIOGEN-X	From Magnetic Resonance Imaging to Molecular Signatures: Generative AI for Virtual Biopsy in Gliomas	Siena Imaging s.r.l.	IT	48
EUcanAI	European Unified Cancer diagnostics and treatment AI agent	RUPRECHT-KARLS-UNIVERSITAET HEIDELBERG	DE	48
<b>Challenge 3: Towards autonomous robot collectives delivering collaborative tasks in dynamic unstructured construction environments</b>				
SITEBOT	Swarm robotic Intelligence for TimbEr Building On-site Technologies	FUNDACION TECNALIA RESEARCH & INNOVATION	ES	48
HARPA	Heterogeneous Aerial Robot Teams for in-situ Prefabricated Building Assembly	TECHNISCHE UNIVERSITEIT DELFT	NL	48
COBRAS	Circular On-site Building with Robotic Assembly Swarms	UNIVERSITY OF STUTTGART	DE	36
ROBOTOMY	ROBOTic stereoTOMY	POLITECNICO DI BARI	IT	36
SCALAR	Multi-Scalar Robotic Construction for Autonomous On-Site Assembly of Modular Timber Structures	UNIVERSITY OF STUTTGART	DE	36
PTAH	PlaTform for Autonomous Robotic Housing	THE UNIVERSITY OF SHEFFIELD	UK	36
SWIFT-BUILD	Swarm-based Inverted Fabrication for Timber Buildings	UNIVERSITY OF BRISTOL	UK	36

BRICKS	BRICKS: Building Robotic Intelligence and Modular Construction Kit System	FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA	IT	42
<b>Challenge 4: Waste-to-value devices - circular production of renewable fuels, chemicals and materials</b>				
PROPEL	PROTEIN PRODUCTION IN FULLY SUSTAINABLE SYNCCELLS FOR BIOMATERIALS MANUFACTURING AND WASTE UPCYCLING	Fundacion IMDEA Energia	ES	36
SPECTRA	MULTISPECTRAL SOLAR PHOTOREFORMING DEVICE FOR SELECTIVE DEPOLYMERIZATION OF MIXED PLASTICS	CHALMERS TEKNISKA HOGSKOLA AB	SE	48
AIM	AI-MULTISCALE INTEGRATION FOR WASTE-TO-VALUE DIGITAL TWINS	FUNDACIO INSTITUT CATALA D'INVESTIGACIO QUIMICA	ES	48
REWASH	REmediation of textile WAstewater through a Sustainable Hybrid device	IDENER RESEARCH & DEVELOPMENT AGRUPACION DE INTERES ECONOMICO	ES	48
BrinE-loop	Innovative Process Loops and Materials for Electrified Brine Valorization	POLITECHNIKA WROCLAWSKA	PL	48
AIR-FERT	Modular Electrified Platform for Capture and Conversion of Airborne Nitrogen and Sulfur Oxides into Fertilizers	LULEA TEKNISKA UNIVERSITET	SE	48
CATAMPLAS	CATALYTIC AMYLOIDS FOR PLASTIC BIODEGRADATION	BEN-GURION UNIVERSITY OF THE NEGEV	IL	48
CONVERT-IL	capture and electroCONVERsion of CO2 to eThylene via an all-in-one device using Ionic LiquidS	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	FR	36