

WIDENING PARTICIPATION AND SPREADING EXCELLENCE: TWINNING ACTION

List of projects funded under the 2023 calls for proposals

Project acronym	Project title	Topic	EU contribution	Coordinating beneficiary	Participants' countries
Twinning Grean Deal					
AldesignTEX	Innovative IT tools for a circular textile economy: driving sustainability and resource efficiency	Sustainable textile	1,498,183.75 €	POLITECHNIKA LODZKA, PL	Poland, Norway, Belgium, Spain
ARTIFACT	ARTificial Intelligence for Flood resilient infrAstruCTure	AI climate change	1,497,605.58 €	ISTRAZIVACKO-RAZVOJNI INSTITUT ZA VESTACKU INTELIGENCIJU SRBIJE, RS	Serbia, Netherlands, Germany
ASCENT	Active storage of captured CO2 in net zero construction products	Net zero industry	1,252,850.00 €	SVEUCILISTE U ZAGREBU GRADEVINSKI FAKULTET, HR	Croatia, Belgium, Denmark, Sweden, France
ATARI	Atmospheric and Solar Research and Innovation in the Eastern Mediterranean	Atmospheric remote sensing	1,499,930.00 €	ERATOSTHENES CENTRE OF EXCELLENCE, CY	Cyprus, Spain, France, Switzerland
BALTIC-FIT	Twinning to enable Baltic Sea vessels to meet Fit-for-55 regulations	Maritime industry	1,499,934.00 €	TALLINNA TEHNIKAÜLIKOOL, EE	Estonia, Finland, Sweden

BRIDGE	Building Resilient Innovations in Democracy, Governance and Excellence	Digital democracy	1,498,575.82 €	PRIVATE INSTITUTION UNIVERSITY KYIV SCHOOL OF ECONOMICS, UA	Ukraine, Netherlands, Estonia, Germany
ENPOWER	Enhancing Scientific Capacity for Energy Poverty	Energy	1,498,443.34 €	UNIVERZITET U BANJOJ LUCI, BA	Bosnia and Herzegovina, Ireland, Italy, Belgium, Netherlands
EX-AQUA	EXcellence and competitiveness in marine algae AQUAculture for a sustainable Black Sea	Marine aquaculture	1,494,104.30 €	INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE MARINA GRIGORE ANTIPA, RO	Romania, Belgium, Germany, Bulgaria, Spain, Cyprus
FreeTwinEV	Fostering Research ExcellencE of STU in Digital Twinning for Sustainable and Safe Electric Vehicles	e-batteries	1,467,875.00 €	SLOVENSKA TECHNICKA UNIVERZITA V BRATISLAVE, SK	Slovakia, Netherlands, Austria
HARP	Hopeful and resilience perspective in climate change education to inspire (promote) action competence	Climate Change Education	1,499,904.38 €	Masarykova univerzita, CZ	Czechia, Netherlands, Austria
HELIOS	Research and Innovation Strategy for Lviv Polytechnic National University dedicated to White-Emitting Organic Lighting Systems	OLEDs	1,499,750.00 €	LVIV POLYTECHNIC NATIONAL UNIVERSITY, UA	Ukraine, Lithuania, Luxembourg, Latvia, United Kingdom

MeDiTwin	Mediterranean Digital Twin Network for Understanding Climate Extremes	AI climate change	1,499,937.50 €	ETHNICON METSOVION POLYTECHNION, EL	Greece, Spain, Germany, United Kingdom
PUREEF-Y	Past, present, and future status and mitigation for Cyprus shallow-water reef biodiversity and functioning under global change	Biodiversity	1,500,478.68 €	CMMI CYPRUS MARINE AND MARITIME INSTITUTE, CY	Cyprus, Israel, Spain
SCEWERO	STRENGTHENING THE RESEARCH CAPACITIES FOR EXTREME WEATHER EVENTS IN ROMANIA	Weather	1,494,802.50 €	UNIVERSITATEA BABES BOLYAI, RO	Romania, Italy, Belgium, Germany
SONATA	Monitoring of nature infrastructure - Skill acquisition fOr NATure-based solutions	Land use	1,499,465.06 €	BIOSENSE INSTITUTE - RESEARCH AND DEVELOPMENT INSTITUTE FOR INFORMATION TECHNOLOGIES IN BIOSYSTEMS, RS	Serbia, Belgium, Spain, Norway
STREACS	Strengthening Research in Armenia for Energy Transition toward Climate Solutions	Energy transition	1,492,507.50 €	AMERICAN UNIVERSITY OF ARMENIA FOUNDATION, AM	Armenia, Ireland, Italy
TETHYS	TWINNING FOR EXCELLENCE IN FLOATING WIND TURBINE AND HYDROGEN SYSTEMS	Wind energy	1,499,997.92 €	UNIVERSITY OF CYPRUS, CY	Cyprus, Italy, Denmark, Greece

Twin-CeraMem	Enhancing the Scientific Excellence of TUBITAK MRC MT in Ceramic Membrane Fabrication for Industrial Wastewater Recovery Applications via Knowledge Transfer and Capacity Building	Industrial wastewater	1,478,222.10 €	TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU, TR	Türkiye, Belgium, Germany
Twin4MicroUp	Twinning Innovation Hub for Microbial Platforms in Plastic Upcycling	Plastic Upcycling	1,349,663.75 €	ETHNICON METSOVION POLYTECHNION, EL	Greece, Ireland, Serbia, Italy
TWINSOLARSURF	TWINNING FOR SOLAR ENERGY-DRIVEN SURFACE ENGINEERING OF METALLIC PARTS	Solar energy	1,420,042.50 €	PANEPISTIMIO DYTIKIS ATTIKIS, EL	Greece, Germany, Spain

Twinning Bottom-Up

Project acronym	Project title	Topic	EU contribution	Coordinating beneficiary	Participants' countries
3BAAtwin	Bone, Brain, Breast and Axillary Medical Microwave Imaging Twinning	Medical microwave imaging	1,499,999.26 €	FCIENCIAS.ID - ASSOCIACAO PARA A INVESTIGACAO E DESENVOLVIMENTO DE CIENCIAS, PT	Portugal, Ireland, Italy
AIDA4Edge	Twinning for Excellence in Adaptive Edge AI	AI	1,499,914.98 €	UNIVERSITY OF NIS- FACULTY OF ELECTRONIC ENGINEERING, RS	Serbia, Germany, Italy, United Kingdom

AM2C3	ADDITIVE MANUFACTURING AND ADVANCED MATERIALS COMPETENCE CENTRE IN CYPRUS	Additive manufacturing	1,500,000.00 €	UNIVERSITY OF CYPRUS, CY	Cyprus, Spain, Norway, Switzerland
ASCLEPIUS	Advancing scientific collaboration in phage therapy for treating Pseudomonas aeruginosa and Staphylococcus aureus	Microbiology	1,499,670.00 €	GIORGI ELIAVA INSTITUTE OF BACTERIOPHAGY, MICROBIOLOGY AND VIROLOGY, GE	Georgia, France, Portugal, Luxembourg
AXOLOTL	From sky to seafloor observation: Achieving eXcellence in Oceanic surveilLance and cOnservation Through deep Learning	AI marine conservation	1,496,433.13 €	CMMI CYPRUS MARINE AND MARITIME INSTITUTE, CY	Cyprus, France, Belgium
BIOMEHEALTH	CAPACITATION OF A PORTUGUESE R&I CENTRE OF EXCELLENCE FOR PLANT PATHOGENS DETECTION AND CONTROL	Emerging pathogens	1,499,851.31 €	REQUIMTE REDE DE QUIMICA E DE TECNOLOGIA ASSOCIACAO, PT	Portugal, Netherlands, Italy
BIOMICS	Fostering Excellent Research, Training and Innovation in Biomedical Data Science	Biomedical	1,499,979.38 €	INSTITUTO DE MEDICINA MOLECULAR JOAO LOBO ANTUNES, PT	Portugal, Spain, Germany, Switzerland
BRIDGING-RD	BRIDGing the research and INnovation Gap for	Rare diseases	1,447,687.50 €	INSTITUT ZA MOLEKULARNU GENETIKU I GENETICKO INZENJERSTVO, RS	Serbia, Sweden, Spain

	Rare Diseases in Europe by upgrading excellence of IMGGE				
CEE Security Hub	A critical relational perspective on peace & security in CEE	Security studies	1,395,265.05 €	TALLINN UNIVERSITY, EE	Estonia, Finland, Denmark
CENTREPEACE	Central and Eastern European Security Cooperation Cluster	Security cooperation	1,498,629.25 €	Masarykova univerzita, CZ	Czechia, Norway, Finland
ChatMED	Bridging Research Institutions to Catalyze Generative AI Adoption by the Health Sector in the Widening Countries	Generative AI	1,500,000.00 €	Ss. CYRIL AND METHODIUS UNIVERSITY IN SKOPJE, MK	North Macedonia, Slovenia, Serbia, Austria
COIN-3D	Collaborative Innovation in 3D VLSI Reliability	Integrated circuit	1,436,881.69 €	PANEPISTIMIO THESSALIAS, EL	Greece, Netherlands, Germany
DIG4BIO	Digitalisation of Biomanufacturing of Plasmids for the Development of Advanced Therapy Modalities	Biomanufacturing	1,493,375.00 €	INSTITUTO SUPERIOR TECNICO, PT	Portugal, Denmark, Germany
DIGHT-Net	Sustainable, Usable and Visible Digital Cultural Heritage: Twinning for Excellence	Digital Cultural Heritage	1,498,026.58 €	TALLINN UNIVERSITY, EE	Estonia, Italy, Netherlands, Finland

ECHO	EXPANDING CONCEPT AND METHODOLOGY FOR HUMAN PAST STUDIES IN THE EASTERN BALTICS COUNTRIES	Archaeogenomics	1,497,553.87 €	TARTU ULIKOOL, EE	Estonia, Belgium, Denmark, Lithuania, Latvia
ETHCSTWIN	Reinforcing the Scientific Excellence of the Institute for Ethnopharmacological Studies and Phytotherapy (IESP) through Twinning with Computer Science (CS)	Ethnopharmacology	1,496,750.00 €	ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON, EL	Greece, Germany, Italy, Kosovo
EXANST	Increasing Excellence in Utilizing X-ray Research and Neutron Scattering Techniques at the University of Tartu	X-rays	1,499,607.50 €	TARTU ULIKOOL, EE	Estonia, Sweden, Germany, United Kingdom
EXCOSM	Building excellence in the study of galaxies and cosmology at the University of Tartu	Galaxies and cosmology	1,499,601.47 €	TARTU ULIKOOL, EE	Estonia, Germany, Netherlands, France
EXEP3D	INNOVATION EXCELLENCE IN CONSTRUCTION ENGINEERING: NOVEL 3D CONCRETE PRINTING TECHNOLOGIES AND SUSTAINABLE MIXTURES	3D printing	1,499,197.41 €	TALLINNA TEHNIKAKORGKOOL, EE	Estonia, Netherlands, Germany

ExGal-Twin	Excellence in Galaxies - Twinning the IAC	Extragalactic astronomy	1,469,625.00 €	INSTITUTO DE ASTROFISICA DE CANARIAS, ES	Spain, Netherlands, France, United Kingdom
EXPERT	Reaching Excellence in Hyperspectral Remote Sensing	Remote sensing	1,457,186.24 €	AGENTIA SPATIALA ROMANA, RO	Romania, Italy, Germany
FAST-Real	Twinning on Functional Antimicrobial Surfaces Testing and Evaluation for Real-world Performance and Sustainability	Antimicrobial materials	1,499,945.83 €	TARTU ULIKOOL, EE	Estonia, Germany, Finland, Switzerland
FatSAM	TWINNING FOR EXCELLENCE IN TUBITAK ON THE FATIGUE SIMULATION OF ADDITIVE MANUFACTURED PARTS	Manufacturing	1,499,450.00 €	TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU, TR	Türkiye, Spain, Sweden
FLOWCAT	Twinning for Building Excellence and Innovative Solutions in Flow Catalysis	Chemical engineering	1,499,987.54 €	UNIVERZA V LJUBLJANI, SI	Slovenia, Italy, Austria, Belgium, Spain
FORGENOM II	Fostering Excellence in Advanced Genomics and Proteomics Research at Comenius University in Bratislava	Genomics	1,498,425.00 €	UNIVERZITA KOMENSKEHO V BRATISLAVE, SK	Slovakia, Germany, Italy

HemaFAIR	Fostering F.A.I.R. Data and Standards in Rare Hematological Diseases	Rare diseases	1,499,976.25 €	KYPRIAKO IDRYMA EREVNON GIA TI MYIKI DISTROFIA, CY	Cyprus, Spain, Italy, Netherlands
HortiFoodTrends	Networking for excellence in the development of innovative, consumer-oriented horticultural food products using the Living Lab approach	Novel food product	1,496,870.32 €	INSTYTUT OGRODNICTWA - PANSTWOWY INSTYTUT BADAWCZY, PL	Poland, Denmark, France
HyFiDress	Excellence in the Research Area of Multifunctional Hybrid Hydrogel-Fibrous Constructs for Wound Dressings	Hydrogels	1,498,223.00 €	POLITECHNIKA WARSZAWSKA, PL	Poland, Germany, France, Netherlands
IDP2Biomed	Bringing Intrinsically Disordered Proteins to Biomedical Applications	Biomedical	1,500,000.00 €	EOTVOS LORAND TUDOMANYEGYETEM, HU	Hungary, Italy, Germany, United Kingdom
InnovAntiBiofilm	Boosting Sustainable Innovation in Developing New Antibiotic Adjuvants to Control Biofilm Resistance	Antibiotics	1,483,246.42 €	UNIVERSIDADE DO PORTO, PT	Portugal, France, Germany
InPlasTwin	Increasing expertise in micro- and nanoplastics analysis through twinning action	Micro- and nanoplastics	1,499,992.50 €	INSTITUT JOZEF STEFAN, SI	Slovenia, Greece, Serbia, Belgium, Norway, Denmark

isUP-AgrO	Unlocking the Potential for Agricultural research on an EU Outmost region: boosting ISOPlexis centre	Precision agriculture	1,431,827.92 €	Universidade da Madeira, PT	Portugal, Italy, Spain
Know4Nano	KNOWLEDGE AND SKILLS TRANSFER FOR THE APPLICATIONS OF NANOTECHNOLOGY IN BIOSENSORS FOR FOODBORNE PATHOGENS	Nanomaterials	1,499,891.41 €	BIOSENSE INSTITUTE - RESEARCH AND DEVELOPMENT INSTITUTE FOR INFORMATION TECHNOLOGIES IN BIOSYSTEMS, RS	Serbia, Spain, Italy, Czechia
LORELEI-X	Long-endurance cooperative Robotic tEchnologies for Localisation of targets during Emergency Incidents – Twinning for eXcellence	Robotic technologies	1,498,911.57 €	CMMI CYPRUS MARINE AND MARITIME INSTITUTE, CY	Cyprus, Denmark, Norway
MechaTwing	TWINNING FOR EXCELLENCE IN MORPHING AND AERO-MECHATRONIC WING CONTROL: A LEAP TOWARDS ECO-SMART AVIATION	Aeronautics	1,498,655.47 €	CESKE VYSOKE UCENI TECHNICKE V PRAZE, CZ	Czechia, Germany, Italy, Austria
MERGE	TWINNING EXCELLENCE IN MANAGEMENT AND RESEARCH FOR GREEN ENERGY AND CHEMICALS	Green chemicals	1,499,973.00 €	VSB - TECHNICAL UNIVERSITY OF OSTRAVA, CZ	Czechia, Italy, Netherlands, Greece

	USING SINGLE-ATOM CATALYSIS				
META-TOO	A transfer of knowledge and technology for investigating gender-based inappropriate social interactions in the Metaverse	Metaverse	1,499,789.85 €	ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO ATHINON, EL	Greece, France, Spain
MPS NOVA	MPS NOVA Hub: Advanced Microphysiological Systems and Pluripotent Stem Cell Technologies to Unveil Chronic Disease Mechanisms and Host-Microbe Interactions	Stem cell research	1,499,585.00 €	UNIVERSIDADE NOVA DE LISBOA, PT	Portugal, Germany, Italy
MR LATVIA	Development of Magnetic Resonance in Latvia	Nuclear magnetic resonance	1,499,775.00 €	LATVIJAS ORGANISKAS SINTEZES INSTITUTS, LV	Latvia, France, Italy
NetCastPL4.0	Networking for advancing excellence and capacity in light-weight castings for Foundry 4.0 in Poland - NetCastPL4.0	Lightweight castings	1,498,993.75 €	AKADEMIA GORNICZO-HUTNICZA IM. STANISLAWA STASZICA W KRAKOWIE, PL	Poland, Italy, Finland
NexTCity	Smart Sustainable Cities Moving forward with Digital Twins	Smart Sustainable Cities	1,272,929.38 €	UNIVERSIDADE NOVA DE LISBOA, PT	Portugal, Spain, Belgium

PATHFOOD	Creating a Sustainable Functional Food Chain: A Pathway to EU Climate Neutrality and Improved Health	Functional food	1,498,925.89 €	UNIWERSYTET WARSZAWSKI, PL	Poland, Spain, Italy
PHENOWEX	WIDENING HIGH-THROUGHPUT PLANT PHENOTYPING ACROSS EUROPE: ADVANCING COLLABORATIVE KNOWLEDGE EXCHANGE AND TECHNOLOGY TRANSFER	Plant phenotyping	1,443,737.06 €	EGE UNIVERSITY, TR	Türkiye, Cyprus, Germany, Italy, Netherlands
PROTWIN	TWINNING TOWARDS SCIENTIFIC AND TECHNOLOGICAL EXCELLENCE IN PLANT PROTEIN RESEARCH	Plant proteins	1,499,531.25 €	TURKIYE BILIMSEL VE TEKNOLOJIK ARASTIRMA KURUMU, TR	Türkiye, Denmark, Belgium, Italy, Spain
QUEST	Twinning to develop ELTE's research and innovation capacity in quantum reservoir computing	Computing	1,499,240.00 €	EOTVOS LORAND TUDOMANYEGYETEM, HU	Hungary, Sweden, Spain, Luxembourg, Finland, United Kingdom
RadExIORSBoost	Twinning to skyrocket scientific excellence towards individual radiosensitivity prediction by raising the bar in knowledge transfer, networking, and	Radiobiology	1,499,860.01 €	INSTITUT ZA ONKOLOGIJU I RADIOLOGIJU SRBIJE, RS	Serbia, Germany, Austria, Slovenia, United Kingdom

	technological innovation in radiobiology				
RETLAMI-SEE	Enhancing Capacities for Quality and Impactful Research on Transformations, Labour and Migration in Southeast-Europe	Labour	1,386,349.06 €	UNIVERZITET U BANJOJ LUCI, BA	Bosnia and Herzegovina, Austria, Slovenia, Germany
REVITALISER	PREVENTIVE PROTECTION OF ARCHAEOLOGICAL SITES IN THE EMMENA REGION	Heritage protection	1,498,056.25 €	ERATOSTHENES CENTRE OF EXCELLENCE, CY	Cyprus, Spain, Italy, Netherlands
ROMANDIC	RObot MANipulation of Deformables through dynamIC actions	Robotics	1,497,698.75 €	INSTITUT JOZEF STEFAN, SI	Slovenia, Spain, Germany
SCARLET	Scaling up early and late effects research in Lithuanian childhood cancer survivors through education and twinning	Cancer	1,499,720.63 €	VIESOJI ISTAIGA VILNIAUS UNIVERSITETO LIGONINE SANTAROS KLINIKOS, LT	Lithuania, Denmark, Germany, Netherlands, Belgium
SCENTINEL	BUILDING INTEGRATIVE SINGLE CELL OMICS CAPACITIES USING INVERTEBRATE TUMOR MODELS RELEVANT TO HUMAN DISEASE	Genomics	1,406,876.25 €	IDRYMA TECHNOLOGIAS KAI EREVNAS, EL	Greece, France, Spain, Sweden

SHAREE	STE(A)M for Home economics And Research ExchangE	Home economics	1,221,388.76 €	TALLINN UNIVERSITY, EE	Estonia, Finland, Ireland
SPECTRA	TWINNING COORDINATION FOR ENHANCED SCIENTIFIC CAPACITY IN WATER QUALITY, FOOD SAFETY, TRACEABILITY, AND AUTHENTICITY BY USING INNOVATIVE APPROACHES	Food safety	1,492,415.43 €	ARISTOTELIO PANEPISTIMIO THESSALONIKIS, EL	Greece, Italy, Slovenia, Spain, Ireland
STRIMHealth	Strengthening Translational Research for Improved Metabolic Health	Metabolic diseases	1,465,894.25 €	INSTITUT ZA BIOLOSKA ISTRAZIVANJA, RS	Serbia, Sweden, Netherlands, Portugal
SURE-AMR	STRENGTHENING UKRAINE'S RESEARCH EXCELLENCE IN THE FIELD OF ANTIMICROBIAL RESISTANCE UNDER A ONE HEALTH APPROACH	Antimicrobial resistance	1,499,867.82 €	INSTYTUT MOLEKULARNOI BIOLOGII I GENETYKY NAN UKRAINY, UA	Ukraine, Spain, Germany, Italy, Poland
SYNCC-IN	SYNchrony in Caregiver-Child Interactions across Neurodiversity	Neurodiversity	1,417,508.62 €	UNIwersytet Warszawski, PL	Poland, Italy, Germany, Denmark
SysAge	Building Excellence in Systems Immunology	Healthy aging	1,497,287.81 €	TARTU ULIKOOL, EE	Estonia, France, Denmark

	and Healthy Aging Research				
TACTIX	Twinning Approach for Computational MRI Technology and Innovation EXcellence in Turkey	Magnetic Resonance Imaging	1,491,029.55 €	BOGAZICI UNIVERSITESI, TR	Türkiye, Germany, Netherlands
TAICHIP	Boosting TalTech Capacity in Reliable and Efficient AI-Chip Design	AI	1,496,172.50 €	TALLINNA TEHNIKAÜLIKOOL, EE	Estonia, Germany, France, Switzerland, United Kingdom
ToEQPL	Towards an excellence centre on quantum photonics in Latvia	Quantum photonics	1,500,000.00 €	LATVIJAS UNIVERSITATES CIETVIELU FIZIKAS INSTITUTS, LV	Latvia, Italy, France
TRILMAX	The Trilateral Magnetic Exchange	Power magnetics	1,500,000.00 €	EOTVOS LORAND TUDOMANYEGYETEM, HU	Hungary, Spain, Germany
TWILIGHTED	Twinning Laboratory for an Innovative, Global Hub To Explore the Deep	Deep-sea research	1,498,562.00 €	ARDITI - AGENCIA REGIONAL PARA O DESENVOLVIMENTO DA INVESTIGACAO, TECNOLOGIA E INOVACAO – ASSOCIACAO, PT	Portugal, Germany, Norway
TWIN2SUSTAIN	TWINNING FOR RESEARCH EXCELLENCE IN SUSTAINABLE DEVELOPMENT	Sustainable Development	1,499,994.00 €	UNIVERSITY OF CYPRUS, CY	Cyprus, Netherlands, Belgium
TWIN4EarLiStAge	TWINNING FOR EXCELLENCE IN RESEARCH, TRAINING AND INNOVATION IN	Age-related pathologies	1,601,268.75 €	PANEPISTIMIO KRITIS, EL	Greece, Netherlands, Germany

	EARLY-IN-LIFE STRESS AND AGING				
TwinBat	Twinning for Rechargeable Sodium-Ion Battery Research	Sodium-ion batteries	1,499,667.50 €	GEBZE TEKNİK UNIVERSİTESİ, TR	Türkiye, Germany, France
TwinDEEPS	TwinDEEPS – Twinning deep-ocean exploration and observation capacity for sustainable development	Deep-sea ecosystems	1,499,728.75 €	CENTRO INTERDISCIPLINAR DE INVESTIGACAO MARINHA E AMBIENTAL, PT	Portugal, Norway, Netherlands, Germany
TWIN-IT-ROMANS	Twinning IZTECH in Robotics Manufacturing Systems	Robotics	1,495,444.04 €	IZMIR INSTITUTE OF TECHNOLOGY, TR	Türkiye, Germany, Austria, Italy, United Kingdom
TwinODIS	Twinning for Optimized Decision Intelligence in Data-Intensive Environments	AI	1,498,125.00 €	IDRYMA TECHNOLOGIAS KAI EREVNAS, EL	Greece, Netherlands, France
TWIN-RELECT	Twinning for Excellence in Reliable Electronics	Reliable electronics	1,499,387.96 €	PANEPISTIMIO THESSALIAS, EL	Greece, France, Germany, United Kingdom
TWIN-SAFE	TwinSafe: Advancing Road Safety Through Twinning	Road safety	1,499,250.00 €	SVEUCILISTE U ZAGREBU FAKULTET PROMETNIH ZNANOSTI, HR	Croatia, Sweden, Belgium
UNDARK	Unravelling the Dark Universe from the Canary Islands Observatories	Particle dark matter	1,485,875.00 €	INSTITUTO DE ASTROFISICA DE CANARIAS, ES	Spain, Switzerland, France, Israel, Portugal

VASSAL	Verification and Analysis for Safety and Security of Applications in Life	Software engineering	1,499,875.00 €	VYSOKE UCENI TECHNICKE V BRNE, CZ	Czechia, France, Austria, United States
WIDEX	Knowledge Transfer for Widened EU Excellence in Advanced Green Technologies, Sustainability and Research Management	Raw material mining	1,492,271.60 €	TECHNICKA UNIVERZITA V KOSICIACH, SK	Slovakia, Spain, Greece, Germany, France, Finland, Poland
X-HuLog4.0	EXCELLENCE IN HUMAN-CENTERED LOGISTICS 4.0	Human-centered logistics	1,346,362.69 €	VILNIAUS GEDIMINO TECHNIKOS UNIVERSITETAS, LT	Lithuania, Norway, Germany
ZAP Cancer	TWINNING FOR EXCELLENCE TO ADVANCE RESEARCH IN THE ACTIVATION OF ANTI-TUMOR IMMUNE RESPONSE AFTER ELECTROCHEMOTHERAPY COMBINED WITH GENE ELETROTRANSFER OF pDNA ENCODING ICIs	Electrochemotherapy	1,499,101.38 €	ONKOLOSKI INSTITUT LJUBLJANA, SI	Slovenia, France, Austria, Belgium, Italy
ZeNCure	ENHANCING NON-COMMUNICABLE DISEASE RESEARCH EXCELLENCE THROUGH ZEBRAFISH CAPACITY BUILDING	Molecular Genetics	1,486,900.00 €	INSTITUT ZA MOLEKULARNU GENETIKU I GENETICKO INZENJERSTVO, RS	Serbia, Germany, Portugal, Latvia, United Kingdom