

List of Funded Proposals

Project title	Host Entity	Modality	Researcher
WATER pollution warning System Combining bioAssays on passive sampling extracts and real time mixture toxicity detection	AECOM URS España, S.L.U.	Outgoing+return	Roberta CARAFA
Characterization and Treatment of Contaminated Water and Sludge in the Wine Industry. A Circular Economy application of novel methodologies	GTS	Incoming	Lucía YOHAÍ DEL CERRO
New green, cheap and highly efficient zeolite-based catalysts to increase performance and sustainability of catalytic pyrolysis of waste	EURECAT	Incoming	Mortaza GHOLIZADEH
MyoArm: Smart Technology for Motor Rehabilitation	CREB	Incoming	Mónica Marlene ROJAS MARTÍNEZ
In Silico Discovery of Biodegradable Agglomeration Inhibitors for Flow Assurance	Bytelab Solutions SL	Incoming	Rémi PÉTUJA
PROaCtive personAlised Robot bEhaviour for eDucation	PAL Robotics SL	Outgoing+return	Antonio ANDRIELLA
cogniTive architecture for sociAL roBOTS	PAL Robotics SL	Incoming	Séverin LEMAIGNAN
New machine learning process monitoring methodologies based on spectroscopic techniques for in-line inspection of thin film PV industrial manufacturing processes	IREC	Outgoing+return	Ignacio BECERRIL ROMERO
Cognitive Battery Test for the extension of a Neurodegenerative Diseases Decision Support System	Starlab Barcelona SL	Incoming	Claire BRABOSZCZ
Vortex methods CFD solver for vehicle aerodynamics	IDIADA Automotive Technology	Incoming	Anirudh Narayan RAO
Development of Prototypes for POver-to-Liquid TEchnologies	IREC	Incoming	Andrés Alberto GARCÍA BLANCO
Novel indoor positioning system for human motion capture	Chordata Tech, S.L	Incoming	Amit Kumar BEDAKA
Advanced 2D materials for Surface Plasmon resonance-based electronic Noses (PlasmeNose)	CEMIC	Incoming	Niravkumar Jitendrabhai JOSHI
Electrochemical Solutions for Energy Transitions	Fundació Institut Català d'Investigació Química	Outgoing+return	Alberto BUCCI

Automation of Retail by Teams of Humans and Robots	Keonn Technologies S.L.	Incoming	Pragna DAS
Femur strength (S) estimation based on 3D-SHAPER(3D-S) generated DXA images	3D-Shaper Medical SL	Incoming	Muhammad QASIM
Prototype of Innovative High Barrier Home Compostable Film from Diverse Renewable Sources for Food Packaging Applications	Food Sourcing Specialists, S.L.	Incoming	Dana Cecilia BERNHARDT
An Integration Readiness Indicator for energy systems solutions in smart sustainable buildings	IREC	Incoming	Ester COMA BASSAS
Self-sufficient power generation system from CO2 direct air capture	Cardinaltech Company S.I.	Incoming	Enric STERN TAULATS
Novel biorefinery concept applied to wine industry	EURECAT	Incoming	Christos NITSOS
Composite Materials made from Biobased Limonene Originating Polycarbonates	Fundació Institut Català d'Investigació Química	Outgoing+return	Dimitrios SKOULAS
Modelling and estimation of flexibility potential of thermal loads in buildings and communities	EXIT	Incoming	Carolina MADEIRA RAMOS DO CARMO
Scalable Viable and Reliable Space Networks	i2CAT	Incoming	Juan Andres FRAIRE
Robust detection of street crossings and other urban features to improve mobility of the visually impaired through fusion of real time RGBD video analysis and GNSS based geo-positioning	BIEL GLASSES S.L.	Incoming	Omar VIDAL PINO
Development of a Full SDK Platform for Disruptive 3D Bio-image Analysis	ViReInstruments S.L.	Incoming	Marc GONZALEZ CAPDEVILA
Respiratory disease prediction system - RESPredic	BREAZ MEDICAL SL	Incoming	Leonardo Andres PÉREZ CORTÉS
Software development for biocatalytic process optimization	ZYMOVOL BIOMODELING S.L.	Incoming	Nicholus BHATTACHARJEE
Technology-Enhanced Learning of Music Instruments	MTG	Incoming	
Development of bio-based polyurethane (bioPUR) insulation foams for safe, energy-efficient and lightweight products in construction, household, automotive and related industrial sectors.	INDRESMAT SL	Incoming	Ashwinikumar Rameshchandra SHARMA