

OISAIR PROJECT- Open Innovation System of the Adriatic-Ionian Region
PROOF OF CONCEPT CALL
FINAL RANKING
LIST OF 10 WINNING PROJECTS TO BE AWARDED WITH AN INNOVATION
VOUCHER



Ranking position	R2B Innovation Projects (Internal code and title)	Sector	Research Center-applicant	Country	Supporting Partner (SME)	Country	FINAL SCORES
1	57- In Silico Design of Peptide-Based Biosensors	AGRO-BIOECONOMY	SISSA	Italy	LBABio	Slovenia	41,417
2	13- Smart canopy monitoring system for reduction of plant protection agents use	AGRO-BIOECONOMY	University of Maribor	Slovenia	Azienda Agricola Giorgio Pantano	Italy	41,083
3	28- Development of new generation of biological control agents and biofertilizers for sustainable agriculture	AGRO-BIOECONOMY	Faculty of Biology University of Belgrade	Serbia	Gibob S.r.l.	Italy	40,001
4	61- Improving the food safety and shelf life by high pressure CO2	AGRO-BIOECONOMY	University of Padua	Italy	RPG Katica Rajkovic	Serbia	39,000
5	6- Device for the On-Line Evaluation of Shelf Life, Authenticity and Quality of Seafood Products	AGRO-BIOECONOMY	University of Padova	Italy	Itphotonics SRL/ BLUPESCA SRL	Italy	36,400
6	59- Supercritical fluids extraction and fractionation of bioactive compounds from winemaking by-products	AGRO-BIOECONOMY	University of Udine	Italy	Bio-based Energy Technologies PC	Greece	35,917
7	47- Increasing the energy efficiency of injection molding process	ENERGY&ENVIRONMENT	TECOS, Razvojni center orodjarstva Slovenije	Slovenia	FLEXIDO, fleksibilne robotske celice, d.o.o.	Slovenia	35,611
8	45- Heater-in-converter (HIC): bringing heating capability to power converters without density penalties	TRANSPORT&MOBILITY	University of Parma	Italy	4e consulting	Italy	34,917
9	53- Hybrid energy storage devices in off-grid PV energy systems	ENERGY&ENVIRONMENT	University of Maribor	Slovenia	NEONART	Slovenia	34,723
10	58- Novel under-frequency relay setting for securing the operation of electrical grids	ENERGY&ENVIRONMENT	University of Ljubljana	Slovenia	ComSensus	Slovenia	34,668

RANKING OF EVALUATED PROJECTS WHICH WILL NOT GET ANY FINANCIAL SUPPORT

Ranking position	R2B Innovation Projects (Internal code and title)	Sector	Research Center-applicant	Country	Supporting Partner (SME)	Country	FINAL SCORES
11	64- Production of antibacterial edible film	AGRO-BIOECONOMY	Università di Modena e Reggio-Emilia	Italy	Colle d'oro SCARL	Italy	33,867
12	38- Smartphone colorimetric dipstick acquisition software	AGRO-BIOECONOMY	University of Parma	Italy	DNAPhone srl	Italy	33,601
13	2-Development of innovative fish feed enriched with bioactive agents derived from plant materials using homogenate assisted extraction, spray drying and extraction techniques reducing the use of antiparasitic agents	AGRO-BIOECONOMY	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	Greece	REZOS BRANDS SA	Greece	33,501
14	26- An endophytic bacterial consortia for plant abiotic salinity stress tolerance	AGRO-BIOECONOMY	ICGEB	Italy	Spagro srl	Italy	33,000
15	33- Increasing the energy efficiency of CHP gas engines	ENERGY&ENVIRONMENT	University of Maribor	Slovenia	GEOTECH, D.O.O.	Slovenia	32,888
16	27- Biodegradable marine biopolymer-based packaging for food	AGRO-BIOECONOMY	National Institute of Chemistry	Slovenia	Zavod za ohranitev naravne biodiverzitete FloraViva so.p.	Slovenia	32,834
17	56- Identification of the origin of seafood and determination of its freshness	AGRO-BIOECONOMY	Jozef Stefan Institute	Slovenia	PROSUB podvodni servis d.o.o.	Slovenia	32,834
18	12- Chromatography analytical methods as a support for development of opti-electronic devices for food monitoring	AGRO-BIOECONOMY	University of Maribor	Slovenia	Strip's, d.o.o.	Slovenia	32,723
19	20- Optimization of industrial yeast strains to boost seafood production	AGRO-BIOECONOMY	University of Trieste	Italy	Azienda Agricola Zobec	Italy	32,600
20	51- Autonomous forklifts for smart ports	TRANSPORT&MOBILITY	University of Zagreb Faculty of Electrical Engineering and Computing	Croatia	RoMb Technologies d.o.o.	Croatia	32,401
21	52- Fire detection solution based on AI for smart harbors	TRANSPORT&MOBILITY	University of Osijek	Croatia	Pastor-TVA dd	Croatia	32,400

22	55- Aquatic Intelligence	Energy & Environment	Eidikos Logariasmos Kondilion Erevnas A.P.TH.	Greece	INTEL WATER PC	Greece	32,279
23	25- Feedstock enzymatic pre-treatment for improvement of biogas production	ENERGY&ENVIRONMENT	ICGEB	Italy	Biogas Progetti	Italy	32,200
24	41-Quality Milk App	AGRO-BIOECONOMY	Aristotle University of Thessaloniki	Greece	HOLSTEIN ASSOCIATION OF HELLAS	Greece	32,056
25	17- Development of technology for hazardous waste treatment from magnesium recycling process by stabilization	ENERGY&ENVIRONMENT	Mining and Metallurgy Institute Bor	Serbia	MG-Serbien	Serbia	31,723
26	4- Augmented reality smart home system (ARSHS)	ENERGY&ENVIRONMENT	University of Lubiana	Slovenia	ENTIA d.o.o.	Slovenia	31,723
27	48- Development of functional dairy products enriched by plant extracts	AGRO-BIOECONOMY	University of Zagreb	Croatia	Mliječno s potpisom	Croatia	31,556
28	18- Development of environmentally safe "Marinegreene" coatings	TRANSPORT&MOBILITY	Jozef Stefan Institute	Slovenia	Alpha-TEAM j. D.o.o	Croatia	31,501
29	14- BIODEGRADATION OF MICROPLASTICS BY PROBIOTICS	Energy and Environment	Aristotle University of Thessaloniki	Greece	PLAGTON SA	Greece	31,389
30	42- Implementation of virtual reality for container terminals crane operators	TRANSPORT&MOBILITY	University of Zagreb, Faculty of Transport and Traffic Sciences	Croatia	Culex d.o.o.	Croatia	31,333
31	23- Upgrading exhausted olive cake to an alternative solid biofuel of higher added value	Energy & Environment	Centre for Research & Technology Hellas (CERTH)	Greece	Bio-based Energy Technologies PC, Agricultural Cooperatives' Union of Laconia S.A.	Greece	31,278
32	43- Sustainable port mobility	TRANSPORT&MOBILITY	Fondazione Bruno Kessler	Italy	OpenMove (Lucian S.r.l.)	Italy	31,001
33	62- ORTIC: Online Real Time Parametric Internet Computing Via Webserver	ENERGY&ENVIRONMENT	SISSA	Italy	IEFLUIDS S.R.L.	Italy	31,000
34	1-Development of innovative anti-aging formulas enriched with bioactive agents derived from fish processing residues using ultrasound assisted extraction and electrohydrodynamic encapsulation technique	AGRO-BIOECONOMY	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	Greece	The NuCLab	Greece	30,778

35	19- Utilization of winery wastewater for bioethanol production applying biorefinery concept	Energy & Environment	University of Novi Sad	Serbia	KRSTAŠICA DOO IRIG	Serbia	30,722
36	40- Internet of things technology implementation in logistic for food safety and traceability	AGRO-BIOECONOMY	University of Zagreb- Faculty of Transport and Traffic Sciences	Croatia	Nexus informatika	Croatia	30,445
37	11- Functional dry extract from underutilized fish enriched with sea buckthorn (orgnic hippophaes) for use as a natural additive to fish processing industry	AGRO-BIOECONOMY	Aristotle University of Thessaloniki	Greece	REZOS BRANDS SA	Greece	30,445
38	34- Integrated Urban Gardening Automation System (CITYVEG)	AGRO-BIOECONOMY	CERTH-IBO	Greece	Agenso	Greece	30,445
39	29- Conceiving and designing chassis components for hydrofoil vessels	TRANSPORT& MOBILITY	University of Maribor	Slovenia	Quadrofoil d.o.o.	Slovenia	30,266
40	31- Location provisioning gateway for low performance cargo IoT devices - LOPRO	TRANSPORT& MOBILITY	University of Lubiana	Slovenia	SMART CARGO d.o.o.	Slovenia	30,199
41	22- Valorization of natural material for nutraceutical and cosmeceutical application (NATVALUE)	AGRO-BIOECONOMY	University of Basilicata	Italy	Casata del Lago	Italy	30,133
42	46- Hybrid techniques for balancing IGBT'S in energy conversion application	ENERGY&ENVIRONMENT	Faculty of Electrical Engineering, Computer Science and Information Technology Osijek	Croatia	Vrlina d.o.o.	Croatia	30,000
43	16- Sustainable Mussel/bivalves process to produce functional ingredients for health and food applications	AGRO-BIOECONOMY	Aristotle University of Thessaloniki	Greece	Mytilos P.C.	Greece	30,000
44	30- Conceiving and designing drive systems for hydrofoil vessels	TRANSPORT& MOBILITY	University of Maribor	Slovenia	Quadrofoil d.o.o.	Slovenia	29,933
45	60- SMART GAMIFICATION PLATFORM FOR ENERGY PROFILING- GAMIFYUS	ENERGY&ENVIRONMENT	Centre for Research and Technology-Hellas (CERTH)	Greece	WATT AND VOLT S.A.	Greece	29,890
46	15-Functional ingredients from fish by-products	AGRO-BIOECONOMY	Aristotle University of Thessaloniki	Greece	Mytilos P.C.	Greece	29,890

47	9- New low-cost and hypocholesterolemic nutraceuticals with selected phaseolus species	AGRO-BIOECONOMY	University of Basilicata	Italy	Bioinnova	Italy	29,799
48	7- Zootechnical biodiversity for product and process innovation in the dairy sector	AGRO-BIOECONOMY	University of Basilicata	Italy	Caseificio Stella Dicecca	Italy	29,333
49	54- BLOCKCHAIN BASED TRACKING OF COTTON SUPPLY CHAIN - COTTONTRACK	AGRO-BIOECONOMY	CERTH	Greece	VARVARESSOS SA	Greece	29,278
50	3- Indoor Positioning System	TRANSPORT& MOBILITY	University of Lubiana	Slovenia	CHIPOLO d.o.o.	Slovenia	28,668
51	44- DEVELOPMENT OF AN INNOVATIVE APPLICATIVE MODEL FOR EFFECTIVE HIGH RESOLUTION METEOROLOGICAL FORECASTING	ENERGY&ENVIRONMENT	CISFA	Italy	leeng Solution Srl	Italy	28,666
52	24- Development of extra virgin olive oil fortified to enhance its beneficial properties	AGRO-BIOECONOMY	Università degli Studi della Basilicata	Italy	Frantoio Di Perna S.r.l.	Italy	28,399
53	50- ARDrone	ENERGY&ENVIRONMENT	Università della Basilicata	Italy	Environmental Engineering Services srl	Italy	28,334
54	63- Hybrid power-trains for improved energy efficiency and safety in intermodal transport by railways	TRANSPORT& MOBILITY	University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture	Croatia	KROBEL PROMET d.o.o.	Croatia	27,933
55	49- DEVELOPMENT OF SMART FARMING IOT PLATFORM FOR SUSTAINABLE AGRICULTURE	AGRO-BIOECONOMY	Information Technologies Institute (ITI) Centre of Research and Technology Hellas (CERTH)	Greece	VARVARESSOS SA	Greece	27,445
56	8- New functional flours for the production of pasta and healthy baked products	AGRO-BIOECONOMY	University of Basilicata	Italy	Fattincasa di Delle Fave Nunzia s.n.c	Italy	27,333
57	65- Implementation of circular design methodology in product development	ENERGY&ENVIRONMENT	University of Belgrade- Department of Food science	Serbia	Numen / ForUse	Croatia	23,400
58	21- Mixed multi-species (sheep/goat/cattle) grazing system	AGRO-BIOECONOMY	University of Maribor	Slovenia	PRJ Halo	Slovenia	22,001

LIST OF PROJECTS WHICH DID NOT PASS THE ADMINISTRATIVE AND ELIGIBILITY CHECK EVALUATION (ART. 6 GUIDELINES)

59	10- Smart e-toll mobile application	TRANSPORT& MOBILITY	University of Piraeus	Greece	Telenavis S.A.	Greece	NA
60	32- Development and production of tools and inserting equipment for racial energy use of removal RAL, CUP, APPLICATION, WINE LOUSE, FRUIT and FLOOR	ENERGY&ENVI RONMENT	Faculty of Technical Sciences in Čačak	Serbia	Plazmateh	Serbia	NA
61	35- USE OF THE BLACK SOLDIER FLY (HERMETIA ILLUCENS L.) AS AN ALTERNATIVE SOURCE OF CHITIN FOR THE PRODUCTION OF FEED SUPPLEMENTS FOR AQUACULTURE	AGRO- BIOECONOMY	Università degli Studi della Basilicata	Italy	Mangimi Losasso	Italy	NA
62	36- USE OF THE BLACK SOLDIER FLY (HERMETIA ILLUCENS L.) AS AN ALTERNATIVE SOURCE OF CHITOSAN FOR THE PRODUCTION OF BIOPOLYMERIC COATINGS FOR PRESERVATION OF SEAFOOD PRODUCTS	AGRO- BIOECONOMY	Università degli Studi della Basilicata	Italy	X Flies	Italy	NA
63	37- Evaluation of the growth performance of aquaculture carnivorous fish fed with whole flours derived from larvae of the insect hermetia illucens reared on by-products of the agri-food chain	AGRO- BIOECONOMY	Università degli Studi della Basilicata	Italy	Itticoltura di Mancino Luigi	Italy	NA
64	39- Bioassay for monitoring fish wellness in aquaculture plants	AGRO- BIOECONOMY	Università d Trieste	Italy	DOTT. DINO PALADIN	Italy	NA
65	5- FPGA acceleration of computationally intensive embedded applications	TRANSPORT& MOBILITY	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	Greece	Raymetrics S.A.	Greece	NA