

H.F.R.I. 09/10/2023

Protocol Number: 72773



HELLENIC REPUBLIC
MINISTRY FOR DEVELOPMENT
GENERAL SECRETARIAT FOR RESEARCH AND INNOVATION
HELLENIC FOUNDATION FOR RESEARCH AND INNOVATION

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ANNOUNCEMENT REGARDING THE FUNDING LISTS FOR THE PROPOSALS

submitted in the Scientific Areas

**SA.2 “Engineering Sciences and Technology”
SA.4 “Agricultural Sciences – Food Science and Technology”
SA.6 “Social Sciences”**

**Sub-action 1 “Funding New Researchers”
“Basic Research Financing (Horizontal support for all Sciences),
National Recovery and Resilience Plan (Greece 2.0)”**

The Action is implemented under the National Recovery and Resilience Plan “Greece 2.0” with financing from the European Union - NextGenerationEU.



**Funded by the
European Union**
NextGenerationEU

The evaluation process for the proposals submitted under the Call “**Basic Research Financing (Horizontal support for all Sciences)**”, which is funded by resources of the Recovery and Resilience Facility under the Action “Promotion of basic and applied research” with code 16618 (MIS: 5163923) and the Hellenic Foundation for Research and Innovation as Implementing Agency (H.F.R.I.) has been completed.

Following the Funding Decision under Ref. No. 72738/09.10.2023 of the H.F.R.I. Director (IUN: 94BΨ46M77Γ-E54), here follow **the funding Lists of Proposals in the Thematic Areas SA.2 “Engineering Sciences and Technology”, SA.4 “Agricultural Sciences – Food Science and Technology”, SA.6 “Social Sciences”** based on their ranking in the Final Ranking Tables and the available budget.

A letter of approval will be subsequently sent electronically to the Principal Investigators, through which they will be invited to submit all supporting documents required for the issuance of the Funding Award Decision to [H.F.R.I.’s Web Portal](#), according to the [Management-Implementation Guide of the Action](#) (Decision of the H.F.R.I. Director, under Ref. No. 69237/03.07.2023, IUN: 9B7046M77Γ-ΠΤΘ).

In case the proposal is withdrawn or the required supporting documents are not fully submitted, the next proposal ranked right after the last one among those receiving funding in the Final Ranking Table of the respective Thematic area of the Call will be entitled to funding.

FUNDING LIST SA.2 “Engineering Sciences and Technology”

A/N	Proposal No.	Title	Principal Investigator’s Name	Institution	Approved Budget (€)
1.	14862	Investigating the Role of Extracellular Proteins in the Mechanical Response of Adult Human Ascending Thoracic Aortic Aneurysm Using Integrated Computational and Experimental Techniques	TSAMIS ALKIVIADIS	UNIVERSITY OF WESTERN MACEDONIA	179.018,00

2.	14966	FORCYS; An alternative Floating OffshoRe wind turbine Concept technologY	MICHAILIDIS KONSTANTINOS	INTERNATIONAL UNIVERSITY OF GREECE	189.991,00
3.	15250	passiVe wAter harveSTing usiNg grEen SurfaceS	ELLINAS KOSMAS	UNIVERSITY OF THE AEGEAN	189.600,00
4.	15672	Function-oriented, multi-material design of sustainable mechanical systems	FILIPPATOS AGGELOS	UNIVERSITY OF PATRAS	187.500,00
5.	15562	Precise oRbit dEtermination and Positioning using sAtellite doppleR obsErvations	ANASTASIOU DIMITRIOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	190.000,00
6.	16537	Advanced geostatistical modelling for natural resources evaluation	VAROUCHAKIS EMMANOUIL	TECHNICAL UNIVERSITY OF CRETE	189.600,00
7.	16826	Dynamic Quantum Optical Networks for enhanced secure Quantum Key Distribution (QKD) and flexible interconnection of quantum computerS	KANELLOS GEORGIOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	189.605,00
8.	15073	Scheduling Integration of Public Transport and Shared Mobility	GKIOTSALITIS KONSTANTINOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	190.000,00
9.	15097	Quantifying the Uncertain: Physics Driven Artificial Intelligence to resolve the Effect of Defect in 3d printed components	TRIANTAFYLLOU SAVVAS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	189.156,00

10.	15857	Machine learning aided optical wireless networks	MPOULOGEOGOS ALEXANDROS- APOSTOLOS	UNIVERSITY OF WESTERN MACEDONIA	189.250,00
11.	16749	Airfoil aeroelastic Gust REsponse under stall fluttEr oscillations	MANOLESOS MARINOS	NATIONAL TECHNICAL UNIVERSITY OF ATHENS	189.552,00
12.	15339	SLAM AND PATH PLANNING MIDDLEWARE PACKAGE FOR ROBOTS IN CHALLENGING ENVIRONMENTS	MPAMPIS LOUKAS	DEMOCRITUS UNIVERSITY OF THRACE	189.582,00
13.	15986	BraIN imaGined speech cOmmunication	NIKOLOPOULOS SPYRIDON	CENTRE FOR RESEARCH AND TECHNOLOGY HELLAS - CERTH	190.000,00
14.	16429	Integrated AI-aided wing design and shape optimization framework for Unmanned Aerial Vehicle (UAV) applications	PANAGIOTOU PERIKLIS	ARISTOTLE UNIVERSITY OF THESSALONIKI	189.350,00
15.	16523	Coachable Robot for Fruit Picking Operations	PAPAGEORGIU DIMITRIOS	HELLENIC MEDITERRANEAN UNIVERSITY	188.999,00
16.	16828	Designing and Configuring Deterministic Network Domains for Industry 4.0 and Centralized 5G/6G Virtual Functions	CHRISTODOULOPO ULOS KONSTANTINOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	189.455,00
17.	14993	Modeling Catalytic Nanoparticles via Magnetic Measurements & Machine Learning Techniques	NIKOLOPOULOS CHRISTOS	HELLENIC MEDITERRANEAN UNIVERSITY	188.915,00

18.	16983	Development of an innovative constructed wetland design: a nature-based solution for circular wastewater management	STEFANAKIS ALEXANDROS	TECHNICAL UNIVERSITY OF CRETE	189.770,00
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FUNDING LIST
SA.4 “Agricultural Sciences – Food Science and Technology”

A/N	Proposal No.	Title	Principal Investigator’s Name	Institution	Approved Budget (€)
1.	16476	Multisource and Multiscale Remote and Proximal Sensing for Integrated Crop Management, Yield Assessment and Agricultural Sustainability	PSOMIADIS EMMANOUIL	AGRICULTURAL UNIVERSITY OF ATHENS	168.951,00
2.	15563	Precision Weed Management in Cotton	PETEINATOS GERASIMOS	HELLENIC AGRICULTURAL ORGANIZATION - “DEMETER”	168.996,00
3.	16591	Transfer of antibiotic resistance genes between foodborne bacteria in aquaculture facilities and seafood	PARLAPANI FOTEINI	UNIVERSITY OF THESSALY	169.150,00
4.	16100	Programming Rumen Of Goats on early-life for Radical Evolution of Systems Sustainability	MAVROMMATIS ALEXANDROS	AGRICULTURAL UNIVERSITY OF ATHENS	168.702,00
5.	14815	Spatially Explicit Digital Twin of the Greek Agro-Hydro-System	SOULIS KONSTANTINOS	AGRICULTURAL UNIVERSITY OF ATHENS	169.150,00

6.	16560	Expanding the molecular toolbox of <i>Listeria monocytogenes</i> for advanced genetic manipulation and genome editing: Application to study the adaptation mechanisms of the bacterium in milk through functional multi-omics approaches	PAPADIMITRIOU KONSTANTINOS	AGRICULTURAL UNIVERSITY OF ATHENS	169.150,00
7.	16378	The impact of food-derived microRNAs (xenomiRs) in extracellular matrix remodeling and microbiota during malignant melanoma	AFRATIS NIKOLAOS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	169.150,00
8.	15100	Study of the wine lees by-product metabolomic and peptidic fingerprint produced by various yeast strains and their evaluation as internal circular economy agent against grapevine pathogens	ARAPITSAS PANAGIOTIS	UNIVERSITY OF WEST ATTICA	168.752,00

FUNDING LIST
SA.6 “Social Sciences”

A/N	Proposal No.	Title	Principal Investigator's Name	Institution	Approved Budget (€)
1.	15253	Play-proofing Science: enhancing young learners' scientific literacy through play	FRAGKIADAKI GLYKERIA	ARISTOTLE UNIVERSITY OF THESSALONIKI	140.000,00

2.	15536	High Dimensional Econometric Modelling with Applications to Macroeconomic and Financial Data	KYRIAKOPOULOU DIMITRA	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	140.000,00
3.	15608	From Online Emotions to Offline Political Violence	RORI LAMPRINI	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	92.050,00
4.	16132	Forecasting disaggregated inflation rate by different household groups: The Greek case	FILIS GEORGIOS	UNIVERSITY OF PATRAS	139.440,00
5.	16627	Understanding the Effects of Social Heterogeneity on Support for Redistribution. The Role of Identities, Threats and Diversity Beliefs	PETKANOPOULOU AIKATERINI	UNIVERSITY OF CRETE	140.000,00
6.	15973	Fraud Detection in Public Revenue	ALEXOPOULOS AGGELIS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	139.970,00
7.	15006	Weather Risk Management: Putting a Price on the Cost of Weather	ALEXANDRIDIS ANTONIOS	UNIVERSITY OF MACEDONIA	123.000,00
8.	15412	INTANGIBLE LEADERS AND LAGGARDS IN EUROPEAN UNION AND EUROZONE: A GENERAL EQUILIBRIUM ANALYSIS	VARTHALITIS PETROS	ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS	140.000,00
9.	15419	Development of an Integrated STEM Teacher Identity for Climate Education	MICHAILIDI AIMILIA	UNIVERSITY OF CRETE	134.225,00

10.	15512	Re-Experiencing MathEmatics through DigiAl sTorytElling	MOUTSIOS-RENTZOS ANDREAS	NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS	139.950,00
11.	15585	Segregation patterns and deprivation areas in Athens 2011-2021	SPYRELLIS STAVROS-NIKIFOROS	NATIONAL CENTER OF SOCIAL RESEARCH (EKKE)	139.490,00
12.	16485	A Manualized Post-Traumatic Growth Intervention for People with Cancer in Greece	KARAMANIDOU CHRISTINA	CENTRE FOR RESEARCH AND TECHNOLOGY HELLAS - CERTH	139.950,00
13.	15369	Re-reading gender studies and activisms in Greece: Encounters on gender related violence	ZAVVOU ALEXANDRA-EVAGGELIA	UNIVERSITY OF CRETE	140.000,00

The Director of the Hellenic Foundation for Research and Innovation

Dr. Aikaterini Kouravelou