

## ΠΑΡΑΡΤΗΜΑ Ι

### Προσθέτως εγκρινόμενες για χρηματοδότηση προτάσεις και προτεινόμενη από την Επιτροπή Αξιολόγησης Μέγιστη Δημόσια Δαπάνη ανά Περιφέρεια και συνολικά για έκαστη εξ αυτών

A/A	Κωδικός	Τίτλος έργου	Τομέας	Περιφέρειες Στόχου 1	Περιφέρεια Αττικής	Περιφέρεια Κ. Μακεδονίας	Περιφέρεια Δ. Μακεδονίας	Περιφέρεια Στερεάς Ελλάδας	Περιφέρεια Ν. Αιγαίου	Σύνολο	Συντονιστής Φορέας
1	100	E-band / mmwave CMOS RFIC/MMIC implementation for future private networks and mobile backhaul radio applications	6	253.450,00	1.112.550,00	157.000,00	0,00	0,00	0,00	1.523.000,00	THETA Microelectronics SA
2	539	Environmental Optimization of Viticulture with the use of Precision Agriculture Technologies	3	228.788,00	114.318,29	465.180,72	0,00	0,00	0,00	808.287,01	Laboratory of Viticulture, School of Agriculture, Aristotle University of Thessaloniki
3	652	Cardioprotective properties of a yogurt enriched with bioactive lipids extracted from olive oil by products	2	0,00	416.068,06	52.800,00	0,00	0,00	0,00	468.868,06	DEPARTMENT OF NUTRITION-DIETETICS, HAROKOPIO UNIVERSITY
4	162	Optimization possibilities for management of shellfish production and marketing in the region of Eastern Macedonia and Thrace	3	339.500,00	53.000,00	364.500,00	0,00	0,00	0,00	757.000,00	Laboratory of General Microbiology, Department of Biology, Aristotle University of Thessaloniki
5	770	An integrated effort for the efficient production and further exploitation of the potent natural anti-inflammatory compound neorigioltriol and its congeners	3	641.500,00	138.250,00	155.000,00	0,00	0,00	0,00	934.750,00	Laboratory of Food Quality Management and Chemistry of Natural Products - Mediterranean Agronomic Institute of Chania
6	1861	Development of a spark discharge aerosol nanoparticle generator for gas flow visualisation and for fabrication of nanostructured materials for gas sensing applications	5	172.000,00	143.200,00	11.000,00	0,00	0,00	0,00	326.200,00	University of Aegean Dept. of Environmental studies
7	1517	All-silicon Ultra-sensitive field-deployable integrated Optoelectronic platform for environmental Analysis	5	70.800,00	391.121,14	0,00	0,00	0,00	0,00	461.921,14	Nanotechnology and MEMS Lab, NCSR 'Demokritos'
8	1013	Providing Integrated eHealth Services for Personalized Medicine utilizing Cloud Infrastructure	6	0,00	734.580,00	434.060,00	0,00	192.400,00	0,00	1.361.040,00	SingularLogic SA
9	1244	DEVELOPEMENT OF AN INNOVATIVE ENERGY MANAGEMENT SYSTEM FOR UNIVERSITY CAMPUSES	6	172.720,00	357.956,25	0,00	0,00	0,00	0,00	530.676,25	Technical University of Crete
10	704	Multi-strain indigenous Yeast starters for Wild-ferment Wine production	2	244.500,00	600.000,00	0,00	0,00	0,00	0,00	844.500,00	WINE INSTITUTE OF ATHENS-NATIONAL AGRICULTURAL RESEARCH FOUNDATION
11	1321	New Enzyme targets for the development of novel Pesticides	3	355.000,00	60.000,00	65.000,00	0,00	0,00	0,00	480.000,00	Institute of Molecular Biology and Biotechnology, Forth
12	1426	Development of innovative greenhouse films with enhanced durability and applicability	3	260.750,00	119.235,00	39.760,00	0,00	0,00	0,00	419.745,00	Agricultural University of Athens
13	344	Utilization of Steel Industry By-Products: Production of Added Value Materials for Sustainable Construction and Toxic Compounds Immobilization	5	97.000,00	70.000,00	547.900,00	49.500,00	0,00	0,00	764.400,00	AEIFOROS METAL PROCESSING S.A.
14	719	Continuous Transistor Sizing Toolset for nanoscale IC optimization	5	389.049,80	582.484,48	237.288,40	0,00	0,00	0,00	1.208.822,68	HELIC S.A.
15	1916	Offshore wind farming in the Aegean Sea, Greece and the production of a prototype infield dynamic cable and joint	7	330.000,00	751.558,00	0,00	0,00	0,00	0,00	1.081.558,00	TOXOTIS S.A.
16	1236	PATRAS Instant Observation and Telemetry heart system	10	361.500,00	201.300,00	0,00	0,00	0,00	0,00	562.800,00	Computer Technology Institute and Press
17	1565	Next Generation of Low Cost Thin Film Silicon Solar Panels with Improved High Energy Yield	7	1.175.613,21	215.756,30	0,00	0,00	0,00	0,00	1.391.369,51	Heliosphera SA
18	936	NOVEL Technologies ON the implementation of CCS	8	0,00	562.851,69	0,00	0,00	0,00	0,00	562.851,69	Laboratory of Ionic Liquids and membrane Processes, Institute of Physical Chemistry, NCSR "Demokritos"

19	1152	INDIVIDUALIZED DRUG THERAPY IN GREEK HOSPITALS BASED ON PHARMACOKINETIC MATHEMATICAL MODELING: FOCUS ON GENERICS	10	0,00	640.000,00	0,00	0,00	0,00	0,00	640.000,00	Laboratory of Biopharmaceutics and Pharmacokinetics, University of Athens
20	1528	Efficacy of NOVEL analytical techniques to predict the quality and safety of newly developed perishable food products	2	0,00	965.000,00	221.000,00	0,00	0,00	0,00	1.186.000,00	Agricultural University of Athens, Dep. Food Science & Technology, Lab. of Microbiology and Biotechnology of Foods
21	1500	PROTEAS Solar Polygeneration System: A Potential Option for Energy Saving and Peak-Load Shaving	7	150.000,00	1.390.000,00	0,00	0,00	840.000,00	0,00	2.380.000,00	HELIOTRON INSTITUTE FOR ENGINEERING & R+D
22	421	Real Vision: Advanced Synthetic Vision for the General Aviation	9	102.000,00	789.560,00	52.500,00	0,00	0,00	0,00	944.060,00	EPSILON INTERNATIONAL SA
23	1373	Advanced Cargo Transport Information Services	10	0,00	143.260,00	240.000,00	0,00	0,00	0,00	383.260,00	Centre for Research and Technology Hellas / Hellenic Institute of Transport / Unit (Lab) C
24	456	Dynamic Cargo Routing on-the-Go	10	340.000,00	165.000,00	0,00	0,00	0,00	0,00	505.000,00	TEI of Messolonghi/Department of Telecommunication Systems and Networks
25	566	Novel functional foods containing bioactive essential oils from Greek endemic species with health promoting properties	2	700.000,00	289.350,00	0,00	0,00	0,00	0,00	989.350,00	DEMOCRITUS UNIVERSITY OF THRACE, DEPARTMENT OF MOLECULAR BIOLOGY & GENETICS, LABORATORY OF MOLECULAR IMMUNOBIOLOGY
26	588	Promoting organic farming through virtual alliances	2	535.904,00	383.030,00	236.810,00	0,00	0,00	0,00	1.155.744,00	Technological Educational Institute of Crete
27	1265	Implementation of innovative technologies in the production of yogurt with enhanced biofunctional properties	2	150.900,00	547.000,00	0,00	0,00	0,00	0,00	697.900,00	Department of Animal Breeding and Husbandry Agricultural University of Athens
28	571	Functional dairy and meat products with high added value fermented or enriched with new probiotic microorganisms isolated from Greek traditional products	2	411.500,00	668.500,00	200.000,00	0,00	0,00	0,00	1.280.000,00	NATIONAL AGRICULTURAL RESEARCH FOUNDATION, INSTITUTE OF TECHNOLOGY OF AGRICULTURAL PRODUCTS
29	741	Exploitation of the plant Stevia rebaudiana in Greece for the production of high added-value products, with applications in the food industry	2	595.000,00	976.500,00	0,00	0,00	0,00	0,00	1.571.500,00	YIOTIS S.A.
30	1929	Use of antimicrobials for the prevention and treatment of common diseases of cultured fish in Greece and evaluation of their efficiency and safety	3	200.000,00	305.000,00	0,00	0,00	30.000,00	0,00	535.000,00	University of Thessaly
31	502	Converging Lamb wave sensors with microtechnologies towards an integrated Lab-on-chip for clinical diagnostics	5	80.480,00	218.552,00	0,00	0,00	0,00	0,00	299.032,00	Institute of Molecular Biology & Biotechnology, Foundation for Research and Technology Hellas
32	328	DESIGN, MANUFACTURING AND TESTING OF DEEP SEA PRESSURE HOUSINGS MADE OF COMPOSITE MATERIALS	5	74.000,00	285.400,00	0,00	78.550,00	0,00	0,00	437.950,00	NATIONAL TECHNICAL UNIVERSITY OF ATHENS, SCHOOL OF NAVAL ARCHITECTURE AND MARINE ENGINEERING, DIVISION OF MARINE STRUCTURES
33	1381	Audio-Visual Sensor Networks for Densely Sampling and Replaying Events	6	179.535,00	436.465,00	0,00	0,00	0,00	0,00	616.000,00	Telecommunications and Networks Laboratory of the Foundation for Research and Technology-Hellas, Institute of Computer Science
34	411	A Low Power Intelligent, sensor Network architecture for Environmental management	6	377.164,00	622.514,80	176.431,30	0,00	0,00	0,00	1.176.110,10	Institute for the Management of Information Systems - Department of Software Technology and Development
35	1119	Occupancy-Aware Optimisation of Energy Efficient Enterprise Buildings	6	185.871,00	658.412,00	611.046,00	0,00	0,00	0,00	1.455.329,00	HYPERTECH S.A.
36	298	Energy autonomous smart greenhouse	7	357.918,00	97.750,00	1.213.324,68	0,00	0,00	0,00	1.668.992,68	KLIMALEVITECHNIKI S.A.
37	427	Surface treatment of multicrystalline silicon solar cells for improved efficiency	7	192.560,00	173.303,33	0,00	0,00	0,00	0,00	365.863,33	Laboratory of Computational Nanophotonics, Department of Materials Science, University of Patras
38	665	Fuel consumption reduction in marine power systems through innovative energy recovery management	7	0,00	1.125.497,95	0,00	0,00	291.000,00	0,00	1.416.497,95	MILTECH S.A.

39	1944	Wooden houses production from forest and wood enterprises residues	8	190.500,00	0,00	0,00	1.261.624,47	0,00	0,00	1.452.124,47	CHLIAPAS MICHAEL
40	944	DEVELOPMENT OF BIOENERGY AND RECYCLED WOOD PRODUCTS FROM FOREST RESIDUES AND WOOD BY-PRODUCTS	8	389.000,00	282.244,00	172.063,00	0,00	98.500,00	0,00	941.807,00	ENVIRONMENTAL PROTECTION ENGINEERING S.A.
41	1736	Integrated Environmental Management System for Port Operations -The case of Elefsis Port	8	0,00	499.411,60	0,00	0,00	0,00	0,00	499.411,60	Laboratory of Marine Sciences
42	629	Hellenic Civil Unmanned Air Vehicle	9	353.330,00	660.438,00	500.625,00	0,00	0,00	0,00	1.514.393,00	Laboratory of Fluid Mechanics & Turbomachinery
43	1207	Advanced Coordination Center Information Technologies & Applications for Border Surveillance	9	60.750,00	1.281.453,18	0,00	0,00	0,00	0,00	1.342.203,18	Centre for Security Studies
44	2059	Secure & Privacy-Aware eGovernment Services	9	0,00	1.306.157,60	0,00	0,00	0,00	0,00	1.306.157,60	National Technical University of Athens Intelligent Communications and Broadband Networks Laboratory
45	668	ESTABLISHMENT OF A NETWORK FOR PUBLIC INFORMATION, BANKING AND APPLICATION OF UMBILICAL CORD STEM CELLS	10	480.000,00	80.000,00	80.000,00	0,00	0,00	0,00	640.000,00	HEMOPOIISIS RESEARCH LABORATORY, UNIVERSITY OF CRETE SCHOOL OF MEDICINE
46	1180	Innovative web/mobile GIS/LBS e-Services with Augmented Reality features for the tourism sector	10	168.675,00	254.380,64	0,00	0,00	0,00	0,00	423.055,64	AGILTECH S.A. SOFTWARE SOLUTIONS
47	1205	iGuide - Socially Enriched Mobile Tourist Guide for Unexploited Cultural and Natural Monuments	10	183.770,75	302.320,29	0,00	0,00	0,00	0,00	486.091,04	Multimedia Department of CETI/R.C Athena
48	1808	Cooperative Services for Mobile Virtual Communities	10	0,00	387.850,00	0,00	0,00	0,00	0,00	387.850,00	CYBERSTREAM LTD
49	877	Intelligent Car Management Application for Advanced Green Road Transport Services	10	0,00	438.050,00	0,00	0,00	0,00	0,00	438.050,00	COMPUTER NETWORKS LABORATORY-ICCS-NTUA
50	767	Radiology Information & Forecasting Integrated System	10	0,00	483.700,00	139.200,00	0,00	0,00	0,00	622.900,00	Forecasting and Strategy Unit/ Institute of Communications and Computer Systems / National Technical University of Athens
51	1503	INVESTIGATION OF THE PERFORMANCE OF POLYMER BASED OUTDOOR INSULATORS USED IN HIGH VOLTAGE APPLICATIONS AND DEVELOPMENT OF A REMOTE AND REAL TIME DIAGNOSTIC TECHNIQUE FOR THE EVALUATION OF THEIR FUNCTIONALITY.	7	310.493,00	111.209,38	0,00	0,00	0,00	0,00	421.702,38	Laser and Secondary Sources Laboratory, Institute of Electronic Structure and Laser, Foundation of Research and Technology-Hellas
52	1912	Helium Recovery, towards the creation of a National Helium Reserve	4	0,00	628.172,83	0,00	0,00	0,00	0,00	628.172,83	Helium Liquefaction Laboratory
53	1696	Greco-Risks Hellenic Natural-Hazards Risk-Mitigation System of Systems (A real time 365/24 operational platform)	8	21.600,00	478.577,00	0,00	0,00	14.280,00	0,00	514.457,00	Epsilon SA
54	1466	Synergy for the sustainable development and safety of the Hellenic Tourist Beaches	8	370.000,00	945.500,00	0,00	0,00	0,00	0,00	1.315.500,00	Laboratory of Physical Geography (National and Kapodistrian University of Athens)
55	1821	Utilization of bioinformatics and microchip Emerging Technologies towards a next generation architecture health system for diabetes mellitus type 2 management, prevention and personalized medical care	10	0,00	631.000,00	0,00	0,00	0,00	0,00	631.000,00	Hellenic National Centre for the Research, Prevention and Treatment of Diabetes Mellitus and its Complications
56	889	REDESIGN AND RECYCLING OF PHOTOVOLTAIC PANELS	8	170.000,00	394.800,00	0,00	0,00	0,00	0,00	564.800,00	TECHNICAL UNIVERSITY OF CRETE
57	1430	NANO-MODIFIED SMART CONCRETE	5	864.000,00	403.000,00	0,00	0,00	0,00	0,00	1.267.000,00	TITAN CEMENT COMPANY S.A.
58	1990	Intelligent system for highly reconfigurable operations utilizing sensing and automation technology	6	674.793,90	678.175,00	0,00	0,00	0,00	0,00	1.352.968,90	Laboratory for Manufacturing Systems and Automation/UNIVERSITY OF PATRAS
59	1579	The Sustainable Integrated Method for the Production of Lignocellulosic Ethanol	7	150.000,00	1.035.000,00	404.000,00	0,00	0,00	0,00	1.589.000,00	National Technical University of Athens
60	610	Airborne Magnetic Survey by means of Unmanned Aircraft System	9	430.000,00	842.000,00	0,00	0,00	0,00	0,00	1.272.000,00	ELiniki Slmvouleftiki TEhniki S.A.

61	998	An Integrated Wearable Platform Predicting Epileptic Seizures and Novel Neurofeedback Approaches in Support of Personalized Patient Management	10	418.250,00	47.100,00	0,00	0,00	0,00	0,00	465.350,00	Computational Medicine Laboratory, Institute of Computer Science - FORTH
62	1297	PAY AS YOU THROW	8	57.245,00	507.117,91	200.000,00	0,00	0,00	0,00	764.362,91	ARVIS ENVIRONMENTAL ENTERPRISES OF GREECE SA
63	1799	Magnetic Nanoparticles for targeted MRI therapy	1	0,00	1.420.000,00	0,00	0,00	0,00	0,00	1.420.000,00	Biomedical Research Foundation Academy of Athens/Division of Genetics & Gene Therapy
64	420	Application of state-of-the-art green technology for the development of high added value cosmeceuticals based on the Greek flora	1	47.500,00	1.091.320,00	112.849,44	0,00	215.000,00	0,00	1.466.669,44	Korres Natural Products S.A.
65	1258	Phospholipases A2 inhibitors: Developing a drug pipeline for the treatment of inflammatory neurological disorders	1	0,00	1.600.000,00	0,00	0,00	0,00	0,00	1.600.000,00	Laboratory of Organic Chemistry, Department of Chemistry, University of Athens