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RIF PROPOSAL NUMBER ENTERPRISES/0916/0023	TITLE Smart Analytics for Improving Efficiency of Water Distribution Networks	COORDINATOR Demetrios Eliades	HOST ORGANIZATION Phoabe Research and Innovation Ltd	PARTNER ORGANIZATION PA 1: University of Cyprus	PROGECT BUDGET 238.200.00 €*	RIF FUNDING 195.540,00 €*	PUBLISHABLE SUMMARY An estimated 10-40% of Europe's available water is wasted because of leakages in the supply system. In developing countries the situation is much worse, where water losses (mainly due to leakages) can reach 40-50% of the water supply. In Europe, this corresponds to more than 10 billion tons of water lost each year, or, in financial terms, more than 610 billion of lost revenues per year for all the EU water utilities. Besides financial losses, leakages can escalate to pipe breaks causing disruption of operation, water quality problems which could affect the well-being of the society, as well as increasing energy usage and increased greenbouse gas emissions which affect climate-change. In 2015, cities and communities in Cyprus lost more than 20-30% of their water due significant and direct financial impact on these organizations, in the order of 60-51, million per year. Today as significant and direct financial mipact on these organizations, in the order of 60-51, million per year. Today as significant and direct financial mipact on these organizations, in the order of 60-51, million per year. Today as significant and direct financial mipact on these organizations, in the order of 60-51, million per year. Today as significant and direct financial mipact on these organizations, in the order of 60-51, million per year. Today as significant and direct financial mipact on these organizations, in the order of 60-51, million per year. Today as significant and direct financial mipact on these organizations, in the order of 60-51, million per year. Today as the organization of 60-50, million per year. Today as the organization of 60-50, million per year. Today as the organization of 60-50, million per year. Today as the organization of 60-50, million per year. Today as the organization of 60-50, million per year. Today the organization of 60-50, million per year. Today as the organization of 60-50, million per year. Today the organization of 60-50, million per year. Today the organization of 60-50, m
ENTERPRISES/0916/0065	GEOTHERMAL COLLECTOR PIPE WITH MAGNETOACTIVE THERMALL YCONDUCTIVE FILLERS AND GEOMETRICAL FEATURES THE STATUS OF THE STATUS TO FERENCE, THE EMERGETIC BENEFIT AND THE OVERALL SYSTEM PERFORMANCE	Panos Protopapas	Elysee Irrigation Ltd	PA 1: CYRLC CYPRUS RESEARCH AND INNOVATION CENTER LTD PA 2: University of Cyprus	278.980,00 €*	199.951,50 €*	The GELY project seeks to develop a tailor-made geothermal collector pipe with unique advantages with respect to competition products in order to overcome the limitations of existing market solutions. Current geothermal collector pipes introduce single-sided characteristics, which are associated either with the external or internal geometry or with materials. The GELY project aims to address this market gap in the lack of a truly holistic approach for geothermal collector pipes and to generate an optimal combination of geometric characteristics and materials' structures for these pipes. A combination of this type can achieve a considerably relative to the structure of the properties of the properties of the properties of the produced through: a) The incorporation of magnetoactive and thermally conductive (nanofillers in HDPE geothermal pipes. b) The orientation/signment of the (nanofillers in a radial direction along the pipe, by using an externally applied magnetic field during the extrusion process. O) The increase of surface roughness through a tailor-made internal texture to obtain an optimized relation between mass flow rate and heat transfer. d) The optimized sustained shall be produced to the control of the properties of the
ENTERPRISES/0916/0069	Real time monitoring the natural resources in the Mining Environments of Hellenic Copper Mines	Constantinos Xydas	HELLENIC COPPER MINES	PA 1: Cyprus University of Technolo	248.920,00 €*	198,920,00 €*	The extraction of natural resources is frequently associated with environmental degradation due to the dispersion of potentially lows obstances. For example, numerous abandomed mines (e.g. copper and opid mines) have left an environmental legacy of acticle drainage and toxic metals in downstream watersheds, with adverse effects to human and ecosystem health. Integring spectroscopy can effectively indentify contamination and determine its sources and downstream impacts on the water cycle and on vegetation health. In this context imaging spectroscopy represents a comprehensive monitoring tool to assess the mining related environmental impacts and the progress of ecosystems restoration. Due to the societies demand on abidic natural resources extraction and the often associated environmental degradation processes, the scientific tasks related to the natural resource management are twofold. Abidicin antural resources extraction and environmental degradation processes. The Natural/Ren project will develop areast lime Laser Induced Residows Deportscopy (LIBS-bechinque and apply two existing imaging techniques with an ultimate goal to monitor the natural resources in the mining environments of tellenic Copper Mining comprehensive the efficiency and sustainability of copper mining operations. This will combine the disciplines of Laser spectroscopy and Mining Engineering to advance the mineral selectivity and extraction efficiency without causing long term degradation of the environment.
ENTERPRISES/0916/0063	Situational Awareness, Control and Security Policies Enforcement on Multiple Virtualization Personas of Personal Devices	Thanassis Bouras	UBITECH LIMITED	PAT: University of Option PA 2: CYRLIC CYPRUS RESEARCH AND INNOVATION CENTER LTD	262.303,20 €*	200.000,00 €*	We propose the PERSONAS framework, which protects users against advanced cyberattacks. We follow a quite different approach compared to any of the common strategies currently employed for deleting with oxfeware different approach compared to any of the common strategies currently employed for deleting with oxfeware compared to the c
ENTERPRISES/0916/0140	Dioxins as a Result of Chlorine in Transport Fuel	Chara Papastephanou	cp foodlab ltd	PA 1: LabOil Services Ltd	323.970,00 €*	195.630,00 €*	The proposed research seeks to quantify the levels of diowin in the ambient air under everyday conditions of the typical year in Opnus, and to establish a correlation between dioxins and the chlorine content in fluels used for transportation. It will provide health professionals, consumers and policy makers with an essential tool for the pursuit of solutions to a problem which is not yet understood to its full extent. The research team involves two RAD technology leaders in Cyprus specializing in Energy, fuel and lubricant analyses (PO) and an environmental specialized laboratory (HO).

ENTERPRISES/0916/0083	Donkey Milk Bioactive Powder	Panagiotis Mousikos	P.E.S. KTIMA GEORGIADI	PA 1: Oppus University of Technology PA 2: EU.G. Research Centre Ltd	161.874,00 €*	156.854,00 €*	Infinite who are break-field have lover incidence as well as less series infections and gastrointestinal illnesses compared to infents who are exclusively fed infant formal (situe to the lack of brinary mile); this is partly explained by the lack of bloachive and anti-infective factors from amino acid or extensively hydrolysed mile formulaes of historic and immunocompromised, delary interventions are effective means of enhancing immunity, several in vitro and in vivo studies showed that donkey's milk conveys constituents which have nutraeculated and functional properties that can support immunity, however, it is recommended by paedistrictions and clinicians that raw milk must be thermally processed to render it safe for sensitive population (e. Infants and minumocompromised). On the other hand, thermal processing is known to reduce the bioactivity of milk. Consequently, the objective of this project, the methodology has been discontinuously in the processing and the processing the control of the processing the processing the processing the control of the processing the processing the processing the processed under the optimised processing method will be compared to raw milk in terms of bioactivity and hence characteristes the non-thermal processing method them of this project, the mediate compounds. It is expected that the novel, non-thermal processing method with the milk of the processing the distinct products can emerge with each being applicable to a different niche market and of superior quality than the existing products currently produced from Golden Donkey Farm; two of these products are applicable to the pharmaceutical and infant market.
ENTERPRISES/0916/0159	SERVice for Improving Galileo operation over Cyprus	Agisilace Agisilacu	Geolmaging Ltd	PA 1: Frederick Research Center	234.183,60 €	199,947,00 €*	The objective of this proposal is to establish a single-frequency CNRS positioning regional concepheric mitigation service over the estate Meditarenane based on the more accurate representation of the state of the incosphere. This improvement will be possible through the adjustment of the NeQuick-G algorithm, which is the basis for the incospheric single-frequency CNRS correction algorithm adopted by GALLE GO NRS system, using incospheric characteristics measured over Cyprus. The proposed service will depend on a modern digital digisconde (DPS-4D) and a collocated dual-frequency total election content (TEC) mentior in Cyprus in the frame of real time monitoring of incospheric prospation to the content of the content
ENTERPRISES/0916/0030	Development of Ultra Strong Multi- Functional Carbon Fibre Textiles through Nanofibre - Fibre Effective Bonding	Vasileios Drakonakis	AMM: Advenced Meterials Design & Manufacturing Limited	PA 1: Cyprus University of Technolo	283,636,76 €*	199.968,49 €*	In transportation, there is a continuous need for lighter and at the same time stronger structure. The aim of this project is the development and production in industrial scale of a novel, highly strong cabon filter (CF) testile material through the introduction of additional effective load-transfer mechanisms, which excessively enhance testile functionally and eventually (CF composite strength, Carbon-NavolVeid presents the industrial development of an innovative testile-material with microfibre-manofibre-manoparticle fractal networks that imitate the prototypical architecture of natural structures such as feathers. This testile is more than 300% stronger and 8% lighter providers until compared to conventional CF reinforced plastics. When the structure of the conventional CF reinforced plastics. Carbon-NavolWeid and services, in further RDD activities of the consortium, and in scientific publications in peer reviewed journals where applicable. Cathon-NavolWeid aims to involve researchers in original, high-tech industrial research work in the field of advanced polymer nano-composite materials through novel activities of material design, processing, and experimental evaluation. Cathon-NavolWeid creates 2.3 scientifically specialized (by-positions (based on PDRA full-time person-months) with the aim to be sustainably supported by AMDM upon completen of the project. Centeral depictive adjustable for textipp. Processing-Module 2. To involve and deliver the Prototype Processing-Module for innovalities of material design processing techniques 5. To research, evaluate, and optimize the product of the developed Processing-Module representation and deliver the Prototype Processing-Module to transvertice advanced textiles based on carbon or other advanced fibres
ENTERPRISES/0916/0142	Cheminformatics aided discovery of novel COM inhibitors for Parkison's Disease Treatment	Antreas Afantitis	NovaMechanics Ltd	PA 1: Eventiliso (dyma P. L. PA 2: The Cypus institute of Neurology and Genetics	261.697,15 €*	199.999,27 €*	The project aims at using advanced computational techniques to identify potent and superior compounds used for the treatment of Parkinson's disease (PD, a neurological disorder with no cure that effects millimos of people with devestating effects on the quality of life of patients. Specifically, the project aims at identifying novel COMT inhibitors, a class of compounds commonly used in the symptomatic treatment of PD, in combination with L DOPA and carbidopa, and aim to increase the availability of this drug to alleviate the symptoms. Accordingly, the objective of the project is to identify compounds that are potent COMT inhibitors and therefore could be of significant interest for the PD treatment. Towards this end we will develop the necessary computational and experimental methods and tools in order to; 0 identify opent COMT inhibitors among compounds already synthesized and deposited in large databases and (ii) repurpose existing drugs that would also act as COMT inhibitors. Based on a consensus scheme that will incorporate both ligand- as the structure-based techniques and will generate strong evidence on the compounds petrony to act as COMT inhibitors. Based on a consensus scheme that will incorporate both ligand- and structure-based methods and more litters that will be applied (including in silico toxicity assessment, Lipinski rule of five, ADME properties assessment and investigating for Pan-Assay Interference Compounds (PAINS) – promiscuous compounds etc), a priority list of potential COMT inhibitors will be proposed, Among those, the top ranked compounds will be leated in vivo and compared to currently marketed drug, extissuppose.

ENTERPRISES/0916/0170	High Precision Cellular LocalizatiON System	Nikos Antoniou	SIGINT SOLUTIONS LIMITED	PA 1: Open University of Cyprus	252.050,00€*		The main objective of the proposed project is to develop positioning algorithms and methodologies that will be implemented by the Nest Organization into the totowing new products. (A) Aprimary rooks that will be called as: ±LocNV and will provide a Callular Localization Platform of increased accuracy that will allow callular operators to achieve increased localization accuracy detection of district and the callular callular callular callular solven and accuracy detection of district and the callular callular solven the minimization is including detecting users in indoor multillifour environments, a process which typically is not easily feasible since current cellular systems cannot provide such detection granularity with typical localization tools and methodologies. (B)A secondary product that will be called as: ±BTS and will be a light Software Defined Radio (SDR) light callular base station, which will be alled as: ±BTS and will be a light Software Defined Radio (SDR) light callular base station, which will be alled as: ±BTS and will be a light Software Defined Radio (SDR) light callular base station. The secondary product should be capitable to be mounted in the form of a polycado to on an Unmanned Aerial Vehicle (UAV) that will allow search and rescue teams to detect with increased accuracy a user in a predetermined local outdoor or indoor environment. This secondary product will act as multiple virtual cellular base stations for localization purposes, since its position will be dynamic and not fixed. The secondary product requires that the product users are aware that a specific cellular users are located. This information can be obtain by other using the primary product through a cellular users are located. This information can be obtain by other using the primary product through a cellular users are located information) Proposed work will consider localization capabilities of all cellular technologies, i.e. 2G, 3G, 4G but it will mostly concentrate and use parameters from 4G/LTE technologies since LTE
ENTERPRISES/0916/0043	Double Sided Laser Machining System For Lenses Manufacturing	Piotr Tokarski	MSL MED SERVICES LTD	PA 1: Laserlabs Ltd	251,840,00 €*	171.528,00 €*	The aim of the project is the development of the Cypriot economy by, increasing the innovativeness of Cypriot enterprises, increase its competitiveness, enhance the role of science in co-comic development, increasing the share of innovative products of the Cypriot economy in the international market, creating a sustainable and highly specialized pick and the increased use of information and communication technologies in the economy. The proposal is to implement comprehensive research and development leading to the construction of new, advanced technology of insee micro machining of optical lenses: intria coulif (IOL's) and contact lenses (c.). The innovative technology process will allow to increase the product's quality tremendously, as a result of using lasers for the whole process: cutting and polishing. The current production technology is based on a latin that cut out half infinished product, which then is processed on simple, manually controlled devices such as polishers and blockers. New technology will significantly improve the efficiency and cost effectiveness of the production process. We expect that the complete manufacturing process can be reduced from 3-d days to 2-d minutes. Actual onc reason for that is the echnology and comment of the complete manufacturing process can be reduced from 3-d days to 2-d minutes. Actual onc reason for that is the echnology can open the door for another biotechnology products manufactured by use of the teaser. The orthogodies, the cardiology and the near all surgerys are one of the most developed sudgical specialities which can benefit from implementing the new technology. The possibility of implementing this technology are almost limited and its difficult to estimate, especially in the era of an applia but wealthy society and the continuous increase in demand for highly specialized, safe products for medicine.
ENTERPRISES/0916/0055	SMART and PLEXible mobile DATA COLLECTOR for GIS	Elias Frentzos	GEONOESIS LTD	PA 1: Oppus University of Technology Technology PA 2. Menetry of Transport, Communications and Works	246.960,00 €*	198,396,00 €*	such of the initial investment in modam GIS is spent on initial data collection. Traditional data collection performed with shanded GPS by for increases the segretive cost. In order to minimize the resources employed for the data collection process, major surveying instrument manufacturers have presented several mobile mapping systems, having many advantages including this minimization of the resources in the field, the review the data collection process and effectively document the GIS data. On the other hand, their cost is up to hundreds of thousand Euros, whereas the usage and explosition of the produced huge data sets make their use difficult and often counterproductive. Recently some lower cost and lower accuracy systems have been proposed, however, their cost remains in the scale of several tens of thousands or Euros while the accuracy they achieve remains questionable. MOBILO aims to overcome these systems drawbacks. Specifically, we propose a low-cost mobile mapping system which consists of a GPS / GNSS RTK, an inertial INS / IMU system gathering position and orientation data, as well as video cameras to collect image data. We propose the development of two low cost attensitive solutions (a) one with low-cost cameras (e.g., action cames) together with any existing RTK GPS, an attensitive which reduces the cost of employed nardware to several numbrades of Euros, and targets to a specific customer group is a professional surveyors, and (b) high-end machine vision mission cameras together with RTK GPS / We have already employed the solutions of the proposed in a rather simple own, in order correct of the proposed system in the present form. The receits is for seather that the proposed system minimizes the data collection time, while providing the tools for high productivity in the office, thus reducing the costs of mapping large areas.
ENTERPRISES/0916/0160	Development of a Hybrid Ozone- Biological Processor Treatment of Drill Cuttings	George Kazamias	Innoceting Environmental Solutions Center Ltd	PA 1: Cyprus University of Technolo	250,325,00 €*	200.000,00 €*	The sustained low prices of oil and gas (OSG) and the structural changes that occur in the OSG inclusity have resulted in reconsidering of a wide range of practices at a sector of outmost importance for Cyprus. Although Drill Cuttings (DC) constitute one of the most important residues of the sector, their disposal causes environmental burden and their treatment contributes significant cost due to application of energy intensive thermal methods. Although available soil treatments comprise physical, chemical and biological approaches, combined methods are considered as novel competitive technologies define offering the most effective solution. The project appreach develop a sophisticated hybrid coore oxidation-bioremediation system aimed to treat DC at pilot-scale and to produce abded-velue compacts as well as a microbial consortium enhancing the treatment capacity of DC bioremediation processes. Initially the pilot-plant will be designed and constructed based on the wide expertise of IESC of developing lat-local explantations, while the portation of constain and biomendiation will be tested separated of operational parameters are included to the composition of the product for applications, while the portation of constain and biomendiation will be tested separated as end or operational parameters are included in agriculture will be explored the cyclin cultivation of plants, while a microbial consortium adapted to the weater will be employed for biotreatment enhancement. Microover, Next Generation Sequencing and QPCN will be applied by CUT to quantitatively detect the expension of important genes involved in the process and to determine the composition of the microbial community formed depending on operational parameters. Through the project an alternative and sustainable streategic waste valorization plan will be constructed, while the company aims in moving the technology to process scale for the management of DC in Cyprus and internationally.

ENTERPRISES/0916/0076	Development of Wisdom Tools and Intelligent Educational Apps	Yiannis Laouris	Eklotek Limited	PA 1: UCLAN CYPPRUS	284,850.88 €*	199.395,62 €*	WisdomApps will develor windom-harnessing methods and systems, and market them as "engines" for diverse company-owned applications, but manity as APIs for third-perty applications. Two lines of products are foreseen: (a) Decision Support Systems (DSS): The problems we face today are significantly more complex than a few decades ago, in all dromains of human activity. Statisholders and expents have different points of views. The new systems will be capable to engage authentically and democratically hundreds of stakeholders and harness and exploit their colderior intelligence and visionn towards taking better decisions. (b) Intelligent Educational Apps: Use structural modeling to represent learning skills of any curriculum and use it to optimize the sequencing of presenting learning modules to a learner and thus shorten significantly the time required to master a set of skills. The applicant company pioneers already internationally in the development and application of certain technologies that are capable of exploiting collective intelligence and wisdom for small groups. The new systems will scale up systems. Their technological approach is entirely different from solutions proposed and/or applied by their competition. The outcomes of the project will result in three petent applications, there exientific publications and diverse dissemination activities. The project will produce professional business and commercialization plans and the products will be made available to customers through the company's website and established App stores.
ENTERPRISES/0916/0080	Self operated vertically rising flood barrier	Antonis Tournazis	Don. Tournazis & Associates LLC		288.000,00 €*	200.000,00 €*	ORTHOFRAGMA (ortho-upright, fragma-barrier) is a planned research project arming at the acquisition of new involvedge and skills in developing an ewi nonvolved and said skills in developing an ewi nonvolved and said start product for the protection of the built environment and infrastructure from flood damage (Patent application filed to the UK IPO). This vertical flood barrier is normally hidden below pawment level, in front of an opening through which flood water might enter a protected area. On flood approach, hydrostatic pressure acting on a buoyant protrusion at the top of the barrier applies an upward force greater than weight of OTHOFRAGMA flow thus lifting the barrier automatically. The crest of the barrier is always above flood level, thus preventing the entry of flood water in the protected area. On flood recess ORTHOFRAGMA lowers that a joint automatically before calcidated design software will be developed enabling the production of components forming the assemblies of the product. The aim is to have a fully automated the product of components for the product of components for the product of components of the product. The aim is to have a fully automated for investigation in the in-house facilities, both for smooth vertical movement and for effective water tightness. A pilot product will be constructed and installed in an environment prone to flooding. ORTHOFRAGMA will also be promoted through videos, social media, demonstrations and exhibitions. Flooding is the number one natural catastrophic phenomenon which is likely to become more frequent and more intense due to climate change. The EU Floods Directive promotes the motto "hing" with the floods "whereby flood damage is avoided by implementing flood adaptation measures. Automatic flood barriers are adaptation measures and their market are competitive promotes the motto "hing" with the floods "whereby flood damage is avoided by implementing flood adaptation measures and their market are competitive in the intensation affect and installed in an expe
ENTERPRISES/0916/0066	Smart Standardized Marine Sensor Cable Interface		CYPRUS SUBSEA CONSULTING AND SERVICES C.S.C.S. LIMITED	PA 1: Erevnitiko Idryma P. L	198.280,00 €*	147.526,00 €*	The goal of this project is to develop an innovative, programmable interface meeting standardization benchmarks for data and communication. This "Smart Standardized Marine Sensor Cable Interface" will be able to replace normal marine sensor cables because of its small size, pressure tolerance, and low power requirements, and will allow sensor users and manufacturers to very easily "standardize" a wide variety of sensors by specifying command syntax and sensor metadata in a simple SensorML file used in the PUCK protocol. This will also make the assist for platform integration since the platform will only have to develop a software module to communicate with all such standardized sensors once. Most importantly, the smart cable interface will be programmed by users in order to carry out on board processing and formatting according to their needs. Investing in the required technical and strategy development will lead to a tremendous opportunity to capitatize on a particular need in the marine technology industry. A huge number of sensors are deployed in the world's oceans for variety of purposes. The measurement of multiple environmental parameters is often needed, so several sensors may need to be integrated into a gnigle operating platform. Even for systems that undergot the necessary development, the lack of standardization schemes in communication and storage of measurement data, sensor and platform metadata and control, combined with the large number of sensor and platform manufacturers, results in the Smart and platform manufacturers, provide the marine cable industry with advanced capabilities, and allow the marine observations collected data. The Smart and the school of the platform of the sensor manufacturers, provide the marine cable industry with advanced capabilities, and allow the marine observations collected now be accessible and usable indefinitely.
ENTERPRISES/0916/0072	Innovative Enhancement of the Navarchos Fleet Management System	toannis Constantinou	Istognosis Ltd	PA 1: UBITECH LIMITED	286.632,00 €*	200,000,00 €*	With the increasing complexity of operations in transportations, there is an urgent need for companies with fleets to increase drivers and fleet productivity as well as to minimize their operational costs: therefore there is a significant demand for highly-capable, yet easy-to-use Fleet Management Systems (FMS). Existing state-of-hear FMS Operate mainly on the cloud as a service and provide significant graphical information system capability and capacity as well as address the majority of operational and maintenance management requirements. On the other hand, existing solutions seem to exhibit a gap towards transforming the plethora of telemetry and tracking data into rich hisights and, especially, into cost-efficient, eco-friendly consultation for both drivers and fleet managers. The current version 1 of Navarchos FMS operates on a single-server as a web service and provides mainly monitoring and reporting functionalities to fleet managers. Therefore, fleet managers are expected to analyze the plethora of available data manually, in order to infer driver behavior insights. Furthermore, Navarchos lacks of important, state-of-the-ant features such as routing and scheduling, real-fleer visually-appealing notifications and recommendations to drivers as well as intelligent metrics and indicators about drivers' eco-driving behavior and productivity to feature managers. The man goal of this proposals are the controlled of the controlled of the production of the controlled of the controlled of the productivity of the controlled of the controlled of the productivity of the controlled of the con

ENTERPRISES:0916:0025	Herbal essential oils: Potential for development as low-risk pesticides, plant growth promoters and produce sanitizers	Pavlina Onisiforou	Meydan Solutions Ltd	PA 1: Cyprus University of Technolo	214.672.80 €*	197.231,00 €*	Widespread use of synthetic insecticides has led to negative consequences resulting in increasing attention to attentives, such as essential dis. Essential dis Cordian a variety of molecules that act as pesticides and affect biological parameters such as growth rate. The share of eco-pesticides in the global market is constantly increasing yielding opportunities for SMEs, such as Meydan Soutions Ltd. In this controls, Planticals are constantly increasing yielding opportunities for SMEs, and as Meydan Soutions Ltd. In this controls, Planticals and expension of the second property of the property of the property of the second property of
ENTERPRISES/0916/0028	Developing an evidence-based Competence Assessment Tool for the Soft Skills of Seatarers	Ralph Becker-Heins	Safebridge Cyprus Ltd		256.622,97 €	171,937,39 €	The main objective of the project is to develop a multi-language, evidence-based Competence Assessment Tool for the Soft Skills of Seafarers (CAT-SSS). The proposed tool addresses the need of the local and global shipping industry to identify to performing masters and chief offices and provide them with targeted training and support, thus developing high performance crews and preventing human errors and associated loss of lives and cargo. It is not to the proposed proposed to the company is different policy and proposed search program. However, the program form specifically, the existing test of soft skills will be translated and adapted from English to Greek and Tagalog and an evidence base will be built to provide norms and support its validity and reliability for assessing marine masters and chief officers that are native speakers of these languages. Furthermore, a prototype platform will be designed and developed to deliver fully automatized, orline assessment and reporting of the results in an fair and unambiguous way. The proposed actions will lead to the development of a one of a kind product that is not currently existing in the market. The originally of the product is determined by the combination of its properties industry-specific, inclinary-specific, inclinary-specific product set determined by the combination of its properties inclustry-specific, inclinary-specific, inclinary-specific, inclinary-specific, inclinary-specific, inclinary-specific principal developed to deliver and the properties and reporting, standardization, established reliability, validity and norms for English, Greek and Tagalog versions. This makes CAT-SSS a tool that is professionally, efficiently and legally justified to use by shipping and crewing man
ENTERPRISES/0916/0040	Boosing Employability and Entrepreneurship via Centres of Learning and Co-operative Creativity	George Milis	G.M.EuroCy Innovations Ltd	PA 1: FILOKALIA, NGO PA 2: G.E. English Centre Private Institute Ltd PA 3: Novatex Solutions Ltd	261.720,00 €	183.204,00 €	The EU Commissioner for Employment, Social Affairs, Skills and Labour Mobility clearly emphasised that investing in people is key to economic growth in the EU. Since 2011, Member States have been advised to implement prevention policy initiatives and measures to wards improving skills and overcoming the challenges related to school-to-work transitions. One of the measures to address skills mismatches has been the strengthening of the links between education and idabour market, involving companies and social partors in the development of curriculas and treating content and methods to essure catching up with the changing resides of the expression of the companies of the companies and treating content and methods to essure catching up with the changing resides of the expression of the companies of
ENTERPRISES/0916/0134	Fleet Information Sharing	Petros Achtypis	Prevention at Sea Ltd		298.860,80 €	200.000,00 €	The aim is to develop an innovative platform solution. Fleet Information Sharing (ISINI), costed on clear-market necess and fully behinsters criented, addressed to the markin includiny. ISINI printerly markine the objectives of the Programme and the Call "Research for Enterprises" as it contributes to the increased competitiveness and growth of a Cyprici company through the development of an innovative solution and utilization of research findings during this process. FISH aims to validate and bring to the market a solution that simplifies, organises, and virtualizes the ship inspection process, by enabling users to review a ships id data and trytime. FISH targets to eliminate the administrative burden of the ship inspection process, by enabling users to review a ships id data and trytime. FISH targets to eliminate the administrative burden of the ship inspection by providing an economically beneficial solution for its users, and state-five burden of the ship inspection process. We expected to be market and the ship of the ship inspection by providing an economically beneficial solution for its users, and state-five burden of the ship inspection of the s