			B2B Events 0617			
RIF PROPOSAL NUMBER	TITLE	COORDINATOR	HOST ORGANIZATION	PROJECT BUDGET	RIF FUNDING	PUBLISHABLE SUMMARY
COMPLEMENTARY/0916/0005	Visorsurf COMplementary	Theodoros Pananos	SIGNALGENERIX LTD	34.212,50	34.212,00	SignalGenetiX is a leader R&D company in the domain of electronics and owner of state-of-the-art research and development infrastructure. The company will utilise this grant in the direction of further enhancing its R&D Infrastructure which will boost its international research activities and capabilities and also in actions related to enhancing the competitiveness of the company internationally.
COMPLEMENTARY/0916/0006	Enhancing the research activities of the FOSS Research Centro for Sustainable Energy of the University of Cyprus	George Georghiou	University of Cyprus	33,317,50	33.317.00	This project aims to significantly enhance the experimental facilities of POSS Research Centre for Sustainable Energy, University of Oyun. FOSS is active the research them of outstainable energy, with a particular focus on PV technology and its gold integration. In the last few years, it has developed advanced inflationation for technology and its gold integration. In the last few years, it has developed advanced inflations for technology and its project of the p
COMPLEMENTARY/0016/0008	Real-time Control of the Wireless Behavior of Environments with HyperSurfaces	Andreas Pitsilides	University of Cyprus	98.112.50	98.112,50	Metimatedials (MMs) and Metasurbios (MSs) are a new class of materials with engineered properties, even if there go against nature. Once designed and manufactured, commonly by specialised researchers in the field, they are generally rigid and optimised only for the set of the given application requirements and environmental conditions designed for I any of these conditions change then their performance is athered. VISCR-DURF - A Hardware Platform for Software-driven Frunctional Metasurbios MSS lites, called Phepolartices (HSS). The optimisation of the behandour will be clearly with the condition of the set of the same. The objectives of HSsdapt, the proposed project, are to investigate the real-time control of these specialised HSs, which will allow for their optimizer and sudperview control for given reference objectives, of multi-spert, large-scale systems, which will support the implementation of the theoretical results of the project on a large scale. Firstly, the theoretical directions who be supported by some experimentation and prototypic, extended from the VISCRSURF project. WISCRSURF project is (typt://www.viscrsurf.eq.) funded under the H2020-FETOPEN-2016-2017, Keeseurch and Innovation action.
COMPLEMENTARY/0916/0009	Aviation-driven Data Value Chain for Diversified Global	Christodoulos Mentouris	CELLOCK LTD	12 250 00	12 250 00	The European aviation industry needs to leverage the surge of multi-source and multi-lingual data
	and Local Operations					streams to gain augmented intelligence on its status quo and open up a wide spectrum of unpreacedented services for the whole occupient municipatures, local authorities, etc.) LCARUS will build an ovel data value chain in the aviation-related sectors towards data-triven innovation and collaboration across currently (leveralled and fragenessed industry players, acting as multiples of the 'combined' data value that can be accrued, shared and traded, and rejuvenating the existing, increasingly non-linear models / processes in aviation. Using methods such as big data analytics, deep learning, semantic data enrichment, and blockchinal powered methods such as big data analytics, deep learning, semantic data enrichment, and blockchinal powered methods such as big data analytics, deep learning, semantic data enrichment, and blockchinal powered methods such as big data analytics, deep learning, semantic data enrichment, and blockchinal powered (e.g., data fragmentation, data provenance, data leonsing and ownership, data vanciby), and will enable avaiton-related big data scenarios for EU-based companies, organizations and scientists, trough a multi-deep platform that will allow exploration, curation, telegration and solven and the semantic of the semantic organization and scientists, trough a multi-deep platform that will allow exploration, curation, telegration and solven in a travalled and data reasoner. CRAUS will be though the characterized by different velocity, variety and solven in a travalled model and the manner. CRAUS will be thoughout the provision of the data value have considered the data devien collaboration under the prism of a novel aviation-driven data value thain. Representative use cases of the overall domain's value chain include. (I) Sciphisticated passenger travalling mechanisms and personalisms of undeate analysis of increals for improved better consumption optimisation and pollution awareness, (III) More accurate and realistic prediction model of epidemics, (IV) Novel Passeng
COMPLEMENTARY/0916/0010	A Scalable Big Data Visualization Dashboard for ICARUS	George Palis	University of Cyprus	13.937.50	13.937,50	The complimentary funding will be used by HD to develop a scalabile, big-data resultantion deathboard that will provide a beroporal and spatial analysis. by destinant and enrotion analysis and of complements statistics exploiting the ICARUS data. The developed distributant will be used to issualize the results of the ICARUS use cases, Specifically, the debloard will offer used to separate the results of the ICARUS use cases, Specifically, the debloard will offer use the opportunity to customize a collection of data visualization widgets according to their interests. Users will be able to create individual broards that are easy to configure, exit, and share. The deathboard will complete and curried data from ICARUS use cases that will be developed through the project and will provide actionable submission for better decision making.

COMPLEMENTARY/9916/0011	The European Nanotechnology Community Informatics Platform Bridging data and disciplinary ages for industry and regulators (NanoCommons) are formed industry and regulators (NanoCommons).	Antreas Afanitis	NovaMechanics Ltd	15.000,00	15,000,00	Naciotachnologies and the resulting novel and emerging materials (REMs) represent major reses of investment and growth for the European economy. Recent advances have enabled confidences in the understanding of what constitutes toxicity of NEMs in relation to health and environmental hazards. However, the nacrotachnology and nacrosaley communities remain disparate and unconnected, whilst involvedge and data remain fragmented and inaccessable, such that from a data integrating and mining secondary requires the control of the secondary requires on the control of the secondary requires on the control of the secondary requires to the disparate desirable discoveries in the significant features and and facilitate access to the disparate desirable discoveries high seglection candenia, inclustry and regulation to facilitate pooling and harmonising of methods and data for modelling, safe-ty-design product development and englation provide aprecess, thereby driving best particle and ensuring development of demonstration case studies (e.g. exemplar regulatory disselses). Joint Research Activities will insignate community resources and especial control of control of development of demonstration case studies (e.g. exemplar regulatory disselses). Joint Research Activities will insignate continuing resources and especial regulatory disselses. Transmational Access will bous on standardisation of data generation working across the disparate communities and establishment of a common access procedule for transmational and/or virtual access to the data, and modelling and risk prediction/management tools developed and integrated.
COMPLEMENTARY/0916/0012	Sociopolitical implications of media and communication technologies	Dimitra Milioni	Cyprus University of Technology	17.920,61	17.920,61	The Conglementary Funding will be used to support research work in the broad field of media and new communication sethologies (web 2.0) in relation to their social, cultural and political implications, namely how internet technologies and web 2.0 platforms have created a communication ecosystem where power relations are being created and recreated by various communication actors. Research has these objectives: (a) to undestand how algorithmic profiling as well as the political economy of web 2.0 values of the political economy of web 2.0 values of the political economy of the political eco
COMPLEMENTARY/0916/0013	increase of ADITESS R&D capabilities	NKOLAOS KOUTRAS	ADITES ADVANCED INTEGRATED TECHNOLOGY SOLUTIONS & SERVISES LTD	45.696,28	44.525,44	The Complementary Funding will be used by ADITES to reinforce the company's capabilities as well as to satisfy resources needed to be better equipped in the field of RAD. Furthermore, his investment targets in enabling our team to perform demanding tasks that so far could not be performed due to restrictions of desiding equipment, doing so will invelsably brincess efficiency and productivity with the existing personnel. The budget can be categorized in three parts: 1.0 company structure a resources. This first category of derify involved with supporting of the R&D capabilities of the company. The company of the resources of the category of the resource of the capabilities of the company in the company in the sopiol of developing cybersecurity solutions and protecting against operation. As the company in the topic of developing cybersecurity solutions and protecting against operations. As the company in the LVM thematic area, as well as the already acquired experience and R&D development. ADITES has already in possession a variety of UAV systems such as: Fixed wings type UAV, Hely type UAV, Multiroor type UAV (https://adless.com/maniproducts/adless-products/).
COMPLEMENTARY/0916/0015	European Joint Doctorate in Simulation in multiscale physical and biological systems	Constantia Alexandrou	University of Cyprus	24.137.93	24.100,00	Simulation alongside theory and experiment is nowadays considered an integral part of scientific discovery. As computation speeds up and new technologies and instruments improve, data generation in all fields of science is rapidly increasing. As a consequence, researchers face new challenges: Data collection exceeds by the the capacity to violation, analysis, valuable, astore, and counter the information of the control of
COMPLEMENTARY/0916/0017	Learning Outcomes and Quality of Teaching: Searching for Short- and Long-Term Effects	Leonidas Kyrtakides	University of Cypnus	24.122,93	24.040,00	The project aims to complement a large-scale European project entitled "Outcomes and Causal Inference in International Comparative Assessments", which examines the causal effects of educational policy factors on student outcomes using data from international comparative studies. Two sub-projects will sale piace in Operation and the effects of teaching-level factors on student learning will state piace in Operation and the effects of teaching-level factors and under teaming will state piace in Operation and the effects of teaching-level factors and state of the effect of the effect of the equality of disciption as an additional teaching-level factor, and 3) the too-green fields of quality of disciption as state of teaching-level factor, and 3) the too-green fields of quality of disciption as state of teaching-level factor, and 3) the too-green fields of quality of disciption as stated in the project state of the effect of the quality of disciption as an additional teaching-level factor, and 3) the too-green fields of quality of disciption as taken the PISA Literacy exam at the consecutive studies pixel of the project and 3 and of of Grade 11 based on the results of the Pinoproisis. 19 and of Grade 11 based on the PISA results, 21 and of Grade 11 based on the results of the Pinoproisis (Entrance) Exams in the Greek Language. Teaching-level data will be collected using the Dynamic Model instruments and the "Dislicique Observation Tool" measuring the quality of authors of the design of national and international evaluation student in literacy, while a latent growth model will be used to investigate the forgiven effects. The outcomes are expected to have growth model will be used to investigate the forgiven effects. The outcomes are expected to have growth model will be used to investigate the forgiven effects.

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COMPLEMENTARY/0916/0019	5G Enabled Highly Secured Smart Grids	Icannis Glannoulakis	Eight Bells Ltd	21.086,59	21.096,58	In order to avoid electricity black-outs, to optimize the use of renewable energy sources, and to take measures against pointed juderations, a real-time dynamic routing of electricity flows and also new technologies for increasing operations and electricity of the control of
COMPLEMENTARY/0016/0021	Complementary Action for Projects to Achieve improvements in Delivery and Impact	Ellas Kyriakides	University of Cyprus	46 250.00	46.250,00	The aim of the project entitled CAPACIDI is to address the specific needs of the researchers involved in bow MCOS CAE projects funded by the EU's Hozona 2020 programme as a printing with build the capsolive to MCOS CAE projects funded by the EU's Hozona 2020 programme as a printing with build the capsolive to the project of CAPACIDI are to CAPACIDI are to (a) Strengthen the research and innovation potential of researchers working on these projects to making the contributions made during the implementation of the projects. (b) Aviance the participation of Cyprus based researchers to they are able to perincipate actively in shaping and formularing funding priorities for EU projects and subsequent programmes. To achieve these aims the proposal introduces a series of activities that include: (a) Facilitate access to research and involvation where appropriate and subsequent programmes. To achieve these aims the proposal introduces a series of activities that include: (a) Facilitate access to research and involvation and activity in stages and the project of the projects and subsequent programmes.
COMPLEMENTARY/0916/0025	THALassaemia in Action 2018	Lly Cannon	Thalassaemia International Federation	14.891,40	14.891,40	habassemia, a previously fatal childhood genetic disease, can today be effectively prevented and expenyinately readed, as a result of medical and scientific advances in the last three decades. THAL assemial in Action 2018 (THALA2018) focuses on Europe, targeting patients with habassemia and other haemoglobinopathies, healthcare professionals and policymizers and aims to attain four general objectives, based on TIFs man pillars of activities: 1. Continue and strengthen the education of patients/pasents and healthcare professionals, as well as the patients' capacity, competency and networking within and across countries and regions of Europe. This is to be achieved via the development of elaministic loss and the launching of capacity building courses and training seminars. 2. Rakes awareness on thalassemia and the importance of optimal care amongst the public at large, as well as among THALIA target groups at national and European level. This will be accomplished by establishing and training national patients' associations in EU priority countries, creating an EU Electronic leaths Record and entering into policy dialogue with policymizers at national and European level. This will be accomplished by establishing and training national patients' associations in EU priority countries, creating an EU Electronic leaths Record and entering into policy dialogue with policymizers at national and European level. This stop to the exchange of the policiation of guidelines on the clinical management of Thalassaemia. This to be achieved via the policiation of guidelines on the clinical management of Thalassaemia, belove the policiation of guidelines on the clinical management of Thalassaemia and the policiation of guidelines on the clinical management of Thalassaemia and the policiation of guidelines on the clinical management of Thalassaemia and the policiation of guidelines on the clinical management of Thalassaemia and the policiation of guidelines on the clinical management of Thalassaemia and the policiation of guide
COMPLEMENTARY/0816/0028	Energy-autonomous portable access points for infrastructure-less networks	IOANNIS KRIKIDIS	University of Cyprus	23.583.65	23.583,65	The explosive growth of explications and industrial sectors that riely on broadband connectably, is set to setted the demand for wiseless networks beyond the reach of the power gold inferentures. Access points are being deployed no board of drones, while more than 64,000 Hyorid-energy base stations are expected to be deployed annually in remote areas by 2000. Portable network nodes that are energy-autonomous and operative detached from the power grid will provide the remove the section of the power grid will remove the remove the remove that the remove the remove that the remove the remove that the removes the removes that the removes the removes the removes that the removes the removes that the removes the removes that the removes that the removes the removes that the removes the removes the removes the removes that the removes the

COMPLEMENTARY/0916/0029	Upgrading the capabilities of the FOSS experimental facilities	George Georghiou	University of Cyprus	64.631.25	64.831,25	The project aims to enhance the research facilities of the FOSS Research Centre for Sustainable Energy, University of Cypnus and to support their smooth operation. The core research achietes of FOSS are PV to rehordogy and more scenety. PV grid integration, small The core research achietes of FOSS are PV to rehordogy and more scenety. PV grid integration, small core of the control of the properties of the control of the co
COMPLEMENTARY/0916/0030	Next generation thermostics of brain pathologies with autonomous aetherally controllatile nanoneworks: a trans-disciplinary approach with bio-nanodevice interfaces	Andreani Odysacos	E.P.O.S. IASIG RESEARCH AND DEVELOPMENT LTD	55.577,00	55,576,00	sain pathologies are highly complex disorders. Despite recent programs, their propriotis is girn, defining a high posicial inclaining. Betting filled is claimes, bit-hardonichogy, engineiring and ICT, CLADATOR promises a vanguard and comprehensive theranosic (therapeuti-elagnosite) solution for brain malignancies. Though a multi-leaded breakthrough, CLADATOR will provide, for the first time, a working protroppe of a complete, autonomous and clinically applicable, nanonetwork-based, Melecular Communications system based on the conceptual transverse of External Controllate Melecular Communications system based on the conceptual transverse of External Controllate Melecular pathologies, as a proof-of-concept case, CLADATOR will implement a platform of cell-based and electronic components. Implantation suitodopous organizació de engineered neural stem cells (NSCs) will release strationally designed exosomal bio-nanomachines, delivering reprogramming (therapeutic) marines and controllate and electronic components will be integrated into a wireless CEMC network. This system will autonomously monitor the applications of the controllate and electronic components will be integrated into a wireless CEMC network. This system will autonomously monitor the applications of the controllate and electronic components will be integrated into a wireless CEMC network. This system will autonomously monitor the applications of the controllate and electronic components will be integrated into a wireless CEMC network. This system will autonomously monitor the applications of the controllate and electronic components will be integrated into a wireless CEMC network. This system will autonomously monitor the enterprise and the controllate and controllate a
COMPLEMENTARY/0916/0031	IdeNtity verification with privacy-preserving credeNtials for anonymous access To Online services	Michael Sirivianos	Cyprus University of Technology	14.300,00	14.300,00	he overacting goal of INCOGNITO is to combine state-of-the-art technologies in a platform that will assitu users to seally understand what is needed to access coins exvices with respect to their privacy and be able to prove specific antibutes of their identity. We build on top of the framework that is being developed under the foxCPED projects where we use advanced mobile software to rede to convent online state of the control of the control of the state of the control of the control of the state of the control of the control of the state of the control of the control of the control of the state of the control of the cont
COMPLEMENTARY/0916/0032	Security ECONomics service platform for smart security investments and object insurance pricing in the beyonD 2020 netwOrking era	Michael Sirivianos	Cyprus University of Technology	12.750,00	12.750,00	SECONDO addresses the question "How can decisions about of pier accurity investments and cyber insurance pricing to optimised." SECONDO will support professionals who seek cyber security investments, developed to support human decision making, and a complete well-founded security investments, developed to support human decision making, and a complete well-founded security strategy. This is a rise in series of the security investment of cyber attacks is expected to confinue the security investment of th

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COMPLEMENTARY/0916/00033	Nanoinformatics models and tools for the Risk Assessment & Governance of Nanomaterials	Antreus Afantitis	NovalMechanics Ltd	61.492.50	61.492.50	Nancehronlogy requires integration of knowledge from quite different disciplines such as material science, blodgy, chemistry, toxicology and medicine. In parallel computational approaches are gaining increasing importance and popularly and the advancement of nanohribromatics will be crucial for increasing importance and popularly and the advancement of nanohribromatics will be crucial for disciplines of the control of the
COMPLEMENTARY/0916/0036	Internet of Sports Testbed	George Pallis	University of Cyprus	35.375,00	35.375,00	Within this project an Internet of Sports (IoS) testbed will be built providing the opportunity to run Big
						Data analytics applications. In addition, a large collection of sports-related datasets collected by wearable consumer products will be created, establishing a data ecceystem with embedded quality control that preserves data privacy.
COMPLEMENTARY/0916/0037	Advanced Signal Processing Technologies for Wireless Powered Communications	IOANIS KRIKIDIS	University of Cypnus	98.531,25	96.000,00	Wireless power transfer (WPT), pioneered by Felia, is an idea at least as old as radio communications. However, or the one hand, due to health concerns and the latega antenna dimensions required for transmission of high energy levels, until recently WPT has been limited mostly to very short distance applications. On the other hand, necent advances in allicin technology have significantly reduced their power of the control of the control of the significantly reduced their power of the control of t
COMPLEMENTARY/0916/0040	Open security cOmpeteNce for Research anD innovation	Michael Sirivianos	Cyprus University of Technology	12.812.50	12.812.50	Europe needs to step up its efforts and strengthen its very rem security appealate to secure its digital society, comony, and democracy, it is time to renorque tempors digital sovereignty. The vision for Europe can only be to join forces across Europe's research, industry and public sector and to include all statests not just those that have representation in the EU mainstratem or are within big organizations. Diversity and inclusion are keps for success. Europe has incelled occurage and talent in the area of IT and cybersecurity. The area of cybersecurity is geographically fragmented across Europe for competences, and other also technically fragmented series and problem-specific development of security solutions. There is no doubt that excellent research exists in Europe. Nevertheless, it is a fact that this research does not result in IT products and solutions that EEC grants, is selected on read data in large US compenies that cooperate with them. Europe has to and shadow withinking this strategy. CONCORDIA determent the current tagrenation of security competence by retroviding diverse competence into a leadership role for a spiral grant products and solutions between all stakeholders, undesstanding that all stakeholders have their KPIs, bridging among them, and fostering the development of IT products and solutions along the whole supply chain.
COMPLEMENTARY/0916/0041	WiseBOS Transaction Monitoring module	Gotelenne PIATON	EBOS TECHNOLOGIES LTD	64.281,90	64.282,00	The project aims to develop a new Transaction Monitoring module that allows organisations to monitor transactors, screen for suspicious financial activities against each customer profile, and support the transactors, and the properties of the project of the projec
COMPLEMENTARY/0916/0042	Promoting Bloarchaeological Research in the Eastern Mediterranean	Thilo Returen	The Cypnus Institute	27.503.15	27.503,15	Bo-Promised aims at enhancing the bioerchaeological research activities and capitalities at the Science and Technology in Archaeological reclular Research Center (STARC) of the Cypus institute through the recruitment of an early-stage researcher as lab assistant. Bio-Promised will complement the initialities of the H2020 Telming Project Promised — Promoting Archaeological Sciences in the Eastern Mediterneanic (Grant agreement 811058), which, as a Support and Coordination Action, aims at building research and education capacity at STARC but does not provide Landing for the implementation the laboratory (Indiation, residual control, and STARC members of the Coordination Action, aims at building research and education capacity at STARC but does not provide Landing for the implementation the laboratory (Indiation, residual control, plant macri-remains sorting, sample preparation for phylotish and starch estraction), as well as to human coleanchaeological research (preparation of dental casts for incrowers analysis). More reportantly in the new STARC member will contribute to the development of digital open-access reference collections for archaeolobary and human categorisedology, which will from some than the stage of the season of