

EEA GRANTS 2014-2021
Business Innovation Greece – Results 1st Call for Proposals
List of approved projects

FOCUS AREA: BLUE GROWTH

Individual Project Scheme

	PROJECT PROMOTER	PROJECT NAME	NORWEGIAN PARTNER	GREEK PARTNER	APPROVED BUDGET (EUR)	APPROVED GRANT (EUR)
1	MONOLITHOS LTD	CATMAR project: Innovative catalytic device for marine applications	SINTEF Ocean	N/A	€ 1 066 666,00	€ 655 500,00
Brief Project Description R&D project. The project consists in developing an innovative catalytic converter for marine applications that will reduce sulphur dioxide emissions from internal combustion engines which use high sulphur content fuels. The project promoter will collaborate with SINTEF Ocean who will perform the full scale tests using real ship engine to evaluate the performance in operational environment of the applied catalytic converter.						
2	EMVIS S.A.	Improving Operational Intelligence of Seawater Desalination Industry with a Satellite-Assisted Forecasting Service Line for Coastal Waters (iFOS)	NTNU	WATERA HELLAS	€ 597 450,00	€ 358 000,00
Brief Project Description R&D project. The aim of the project is to improve operational intelligence of seawater desalination industry with a satellite-assisted forecasting service line for coastal waters.						

	<p>The project will develop a satellite-assisted, short-term operational forecasting system for harmful algal blooms in coastal waters, and an operational decision support system for seawater desalination plants, integrated in a web-based operational forecasting platform to enable proactive decision making in desalination operations.</p> <p>This system will enable to answer two critical questions in real time: 1) what will be the water quality characteristics of seawater, and 2) how can we transform these forecasts into specific operational decisions that will optimise the performance of the desalination plant.</p> <p>EMVIS will collaborate with NTNU and WATERA HELLAS in order to provide a service line that meets the real needs of the industry.</p>					
3	IKHOWHOW S.A.	SCRUFY	N/A	N/A	€ 818 469,00	€ 300 000,00
	<p>Brief Project Description R&D project incl. prototype. Robotic crawler capable of inspecting ship hulls and cleaning the ship's keel. The project consists in developing a magnetic, robotic platform which can autonomously crawl on the ship surface and perform various tasks, such as ship hull inspection, corrosion mapping, weld inspection, hull scrubbing, surface coating thickness measurement, and carry out some cleaning tasks.</p>					
4	PROPULSION ANALYTICS IKE	CHEQUEMATE	N/A	DNV GL HELLAS SA	€ 714 094,00	€ 336 700,00
	<p>Brief Project Description R&D project. The Project CHEQUEMATE focuses on the diagnostics and prognostics core of vessel performance management. It consists in developing and implementing a novel Condition Based Maintenance (CBM) service, combining thermodynamic modelling and artificial intelligence for diagnosis of marine machinery system faults and prognosis of effective operation of marine engines. Propulsion Analytics will partner with the Classification Society, DNV GL HELLAS, which will develop a methodology for model verification and validation of the CBM methods.</p>					
5	INFORM LYKOS HELLAS SINGLE MEMBER S.A.	Sensitive Sea Products Monitoring	International Development Norway AS	N/A	€ 584 000,00	€ 146 000,00
	<p>Brief Project Description R&D project, incl. prototypes. The project consists in developing a tracking device (a transmitter and a receiver) for real-time monitoring of sensitive commodities such as perishables (seafood) and pharmaceutical products, throughout transportation (by land or/and sea), thus ensuring the safety of the cargo and that</p>					

its quality is not diminished during transportation. The tracking device will use a Global SIM hardware module to enable the device to report the status of the product at regular intervals to a cloud platform.

Small Grants Scheme

	PROJECT PROMOTER	PROJECT NAME	NORWEGIAN PARTNER	LOCAL PARTNER	TOTAL PROJECT BUDGET (EUR)	APPROVED GRANT (EUR)
6	SQ LEARN – E-LEARNING APPLICATIONS S.A.	BRAVE DOLPHIN	N/A	N/A	€ 231 500,00	€ 83 650,00
Brief Project Description R&D project. The project consists in developing a series of 4 interactive and illustrative training modules using Virtual Reality (VR) technology, in order to respond to the training needs of the maritime industry. This technology offers the ability to simulate real-case scenarios in a virtual world where the seafarers can interact allowing them to absorb the required knowledge in a more comprehensive way. These modules will be focused on the most dangerous scenarios that might occur onboard: fire-explosion related incidents and corresponding safety machinery.						
	Intermarine Electronics S.A.	Marine Digital Innovation	N/A	N/A	€ 100,692.00	€ 46,000.00
7	Brief Project Description R&D project, incl. prototypes. The project involves the development of two innovative products, included in a ship's bridge monitoring systems, that are related to the safety of commercial vessels and which are both mandatory per IMO regulations. These are (i) an all-in-one uninterrupted high power supply integrated with Battery Charger and Automatic change-over-switching for a vessel's Global Maritime Distress and Safety System (GMDSS), and (ii) an innovative Bridge Navigation Watch Alarm System (BNWAS) integrated with Dead man alarm monitoring in the engine room.					

FOCUS AREA: GREEN INDUSTRY INNOVATION

Individual Project Scheme

	PROJECT PROMOTER	PROJECT NAME	NORWEGIAN PARTNER	LOCAL PARTNER	TOTAL PROJECT BUDGET (EUR)	APPROVED GRANT (EUR)
8	Brite Hellas S.A.	Solar Panel Technology for Energy Autonomous Greenhouses and Building Applications	Boost Global Innovation AS	N/A	€ 884,160.00	€ 400,000.00
	Brief Project Description R&D project with pilot. Development of a transparent solar glass, with viable applications in greenhouses and buildings (window glazing) to generate electricity while also allowing light to pass through. To produce the solar glass, the glass is first coated with a nanocoating that BriteSolar has developed and patented and then the glazed glass is used to manufacture PV panels. The finalized product will be pilot-tested in a greenhouse of 1,000 sqm to validate the technology in a relevant operational environment.					
9	INTERGEO ENVIRONMENTAL TECHNOLOGY - WASTE TREATMENT LTD	Implementing an innovative technology to remediate hazardous waste	N/A	N/A	€ 2,116,500.00	€ 953,000.00
	Brief Project Description Investment project. Supply and implementation of an innovative Thermal Desorption Unit to treat hazardous waste. This innovative technique, which was developed in Germany, has not yet been implemented in Greece.					
10	ELLINIKI DIAXEIRISI APORRIMMATON S.A. (ELDIA S.A.)	Efficiency in Sorting via Automation	Norsk Gjenvinning Norge AS	N/A	€ 2 650 000,00	€ 1 198 000,00
	Brief Project Description Investment project. Construction and operation of a state-of-the-art waste sorting facility to process large volumes of mixed recyclables.					

	ELDIA will collaborate with NGN, the Norwegian leading company in the field of waste management, who will provide advice during construction and the organisation of operations of the facility.					
11	ALFA SIMVOULI PLIROFORIKIS S.A. (ALFACON S.A.)	Caloric	N/A	N/A	€ 382 000,00	€ 173 400,00
<p>Brief Project Description R&D project incl. prototype. The project consists in the development of hot water centric CALORIC Smart Thermostat (CST) that calibrates radiator loads for a tighter control or residential heating; it is a continuation of the Caloric project developed by the Greek company Lighthouse under HORIZON2020. The proposed solution will feature 3 innovative elements (the heating power adjustment, the heating problem detection, and the heating bill awareness).</p>						

FOCUS AREA: ICT

Individual Project Scheme

	PROJECT PROMOTER	PROJECT NAME	NORWEGIAN PARTNER	LOCAL PARTNER	TOTAL PROJECT BUDGET (EUR)	APPROVED GRANT (EUR)
	Gnomon Informatics S.A.	BlueHealthPass	SINTEF AS	N/A	€ 522,620.00	€ 313,000.00
12	<p>Brief Project Description R&D project. Develop a remote e-health solution for the maritime sector, and specifically for seafarers. Develop a unified digital healthcare ecosystem and bring together multiple stakeholders (seafarers, maritime companies, Health Care Professionals, insurance companies, etc.) to offer both preventative measures, such as a personalised treatment plan or physical/mental exercise plan facilitated by the use of AI and machine learning algorithms, as well as reactive measures in the case of emergencies, such as remote health advice via teleconference. Among others, it is estimated that the solution will reduce the economic and environmental impact, caused by the vessel diversion from its original route, due to an emergency.</p>					
13	Athens Technology Center (ATC)	UNBIASED	N/A	Athena - Research and Innovation Center in Information,	€ 626,875.00	€ 292,000.00

				Communication and Knowledge Technologies		
	<p>Brief Project Description R&D project. The project UNBIASED aims to combat disinformation online and provide automated tools for fact-checking and identification of reporting bias. The tools developed will be integrated into a news aggregator that will incorporate a large number of different news sources, such as online news agencies, newspapers, blogs, social media, etc., with functionalities that will contribute to combating disinformation and the identification of fake news. Specifically, UNBIASED will offer tools for:</p> <ul style="list-style-type: none"> - real-time content organization and classification - analyzing and estimating the various forms of reporting bias - discovery of debated topics and polarity of news sources - provision of external evidence for fact checking 					
	Ulysses Hellas S.A.	Connected Planned Maintenance System	Vesselman AS	N/A	€ 347,207.00	€ 206,000.00
14	<p>Brief Project Description R&D project. The project will lead to the development of an integrated solution between Ulysses Task Assistant and VesselMan, which are both best-in-breed software in their category. It will allow preparation, scheduling and execution of Dry Dock projects, as well as the planned maintenance and dry dockings of sea going vessels. This seamless integration will facilitate the unrestricted sharing of information between the two systems in such a way that ship managers will be able to have a full overview of the maintenance process and a full account of all repairs of a vessel. This will optimize the ship's maintenance and consequently its operational performance in the long-term. The integration will be based on a platform that will ensure the expandability and the adaptability to any other application, digital service or system that relates to maintenance and dry dock processes. Such an integrated solution will directly lead to time and cost savings and it will ensure compliance even beyond today's regulations and directives.</p>					
	AppArt	5G-data	N/A	N/A	€ 817,625.00	€ 368,000.00
15	<p>Brief Project Description R&D project. Data on network utilisation and traffic is valuable to optimise network performance. However, collecting direct network measurements or other related raw data from SDN controllers is currently too expensive to be feasible, especially in the case of large-scale high-speed networks (such as</p>					

5G). The project aims to address this issue by investigating the properties of network traffic data available in Software Defined Networks and combine various compression techniques to reduce their storage requirements in order to store and analyse such data and gain insights on how to optimise the overall network utilisation and performance.

Small Grants Scheme

	PROJECT PROMOTER	PROJECT NAME	NORWEGIAN PARTNER	LOCAL PARTNER	TOTAL PROJECT BUDGET (EUR)	APPROVED GRANT (EUR)
	Plastics-K.Kotronis S.A.	KIMA 4.0	N/A	N/A	€ 311,468.00	€ 110,000.00
16	<p>Brief Project Description Digitalisation, investment project.</p> <p>Implementation of Industry 4.0 principles in a manufacturing company. The project will use hardware and software to collect real-time data from the manufacturing process, that will enable further analysis to inform decision-making, increase productivity and efficiency and optimize the manufacturing process. All machines in operation will be interconnected (through hardware and software) and transmit real-time data related to their operation via the Manufacturing Execution System (MES) for further use and analysis within the company. All key stakeholders within the company will therefore have access to real-time and reliable data related to performance and efficiency.</p>					