



QUALITY
INNOVATION
AWARD

CeX CENTROS
DE EXCELENCIA

Algunas de las últimas innovaciones ganadoras 2018:

2018				
Country	Prize	Organisation	Innovation	Description
Spain	Award Winner of Social and health care sector innovations & Innovation of innovations	ADVANCED MARKER DISCOVERY, S.L. (AMADIX)	Colofast, innovative test for the early detection of colon cancer through liquid biopsy	Test for the early diagnosis of colorectal cancer - even years before the tumor is formed - by means of a blood test as a substitute for invasive screening techniques.
Basque Country	Award Winner of Potential Innovations	TOLOSALDEA INTEGRATED HEALTH CARE ORGANISATION	SOFTWARE DEVELOPMENT FOR AUTOMATED SCREENING FOR DIABETIC RETINOPATHY	Software was developed to automatically detect diabetic retinopathy in population screening programmes. Simplifying the process, improves the quality of care and the efficiency of the health system.
China	Prize Winner of Potential innovations	State Grid Suzhou Power Supply Company	Development of Smart Cable Management System	Combining the Big Data, Cloud Computing, Internet of Things and Mobile Internet, a smart cable management system is developed.
Finland	Prize Winner of Potential innovations	Fujitsu Greenhouse Technology Finland Oy	Continuous development of cultivation data ecosystem in gutter hydroponic horticulture greenhouse	Create a service for new style of reliable and low cost urban agriculture for huge and micro plant factories so that "anyone could make food anywhere".
Finland	Award Winner of Responsible & renewable innovations	Norsepower Oy Ltd	Norsepower Rotor Sail Solution	Norsepower Rotor Sail Solution, helps freight and passenger vessels to reduce fuel costs by 5 % to 20 %, by enhancing the propulsion system of a vessel by using wind as an auxiliary propulsion measure
Basque Country	Prize Winner of Responsible & renewable innovations	A&B Laboratorios de Biotecnología	Biological product for in situ bioremediation of groundwater contaminated with hydrocarbons	Ecodesigned product , with psychrophilic bacteria, that degrade hydrocarbons and produce biosurfactans. Meets the requirements to be considered Best Available Technique and promotes circular economy.
China	Prize Winner of Responsible & renewable innovations	Luoyang Ship Material Research Institute	Development of the Wholly Home-made LNG (liquefied natural gas) Vaporizer	The project broke through a number of key technologies and completed the research and development of the wholly domestic LNG vaporizer, with its performance at the international advanced level and a mark of the end of the Japanese product monopoly, and has filled the domestic gap.
Russia	Prize Winner of Social and health care sector innovations	Dearest doctor LLC	Method of Stimulation of the Central Nervous System of Newborns and Children at Early Age	The method of stimulation of the central nervous system of newborns and young children, including the impact of incoherent polarized light of the "Bioptron" device using red, blue, green, yellow, orange and purple color filters.
South Africa	Prize Winner of Social and health care sector	Kirkonsult (Pty) Ltd	Carbotect	The Carbotect™ technology was originally developed to address the lack of a rapid, reliable, high-specificity, cost effective and user friendly diagnostic test to verify

	innovations			<p>cleaning procedures in high risk food and beverage facilities. This was required to support the essentially reactive microbiological testing which is the current benchmark in most factories.</p> <p>The sensitivity of the same test to detect ultra-low levels of organic contaminants (>50ppb) inclusive of the bi-products of microbial growth and biofilms has expanded the use of the product to include proactive biofilm detection and verification of the sanitary status of both process and product water.</p> <p>Finally, the capacity to detect organic contaminants has provided a definitive platform to proactively detect, monitor and control the presence of residual organic allergens (nuts, soya, milk and egg etc.) all of which pose a significant health risk to allergen susceptible consumers.</p>
Estonia	Award Winner of Education sector innovations	Tallinn School No. 21	Specialised classes in Entrepreneurship and Robotics	<p>Specialised classes in Entrepreneurship and Robotics follow the new curriculum that has innovative subjects such as Robotics and entrepreneurship well integrated with Maths and Natural Science. The syllabus is a good model to schools in Estonia as it is unique in our country. The orientation of study provides the students opportunities to develop their skills and craft to become successful future citizens worldwide. The skills we develop are: Digital- Technical, Maths, Natural Science, communication and study skills. In order to teach and train the students a new innovative and highly technological studio was formed. Many Estonian and foreign guests are greatly interested in The LEGO® Innovation Studio (#EduInnoLab Robotics Laboratory). The studio is a perfect example of contemporary teaching-learning practice in e-Estonia.</p> <p>Various subjects are integrated into the programme:</p> <ol style="list-style-type: none"> 1) Entrepreneurship, programme "7 steps" and Robotics 2) Robotics and Mini-mini student companies' programme 3) Interesting digital Maths 4) Nature Studies, Maths and Robotics 5) IT studies and Student Companies' programme 6) Entrepreneurship and Mini student companies' programme <p>Tallinn School No. 21 has been awarded with the Entrepreneurial School 2017. The Entrepreneurial Schools Award is a European recognition of the best schools in entrepreneurship education.</p>
China	Prize Winner of Education sector innovations	Beijing Institute of Space Long March Vehicle	Development of a Virtual Training System for Measuring Quality Characteristics	The virtual training system for quality characteristic measurement turns the complex test operation into realistic simulation animation, which greatly improves the training efficiency.
Finland	Prize Winner of Education sector innovations	Eyon Inc.	KitSat	KitSat is a small and affordable educational satellite. It can be used in realistic satellite operation simulations and as a practical way of space technology education.
Spain	Award Winner of Public service innovations	TERUEL AIRPORT BROCHURE	The largest and most innovative aircraft parking centre and MRO airport platform in Europe	Largest MRO airport centre in Europe, with parking space for more than 250 aircraft, maintenance, recycling, tests, flying school, R&D, aviation, aeronautics training and rocket engine testing.
Basque Country	Prize Winner of Public service innovations	EUSKAL TRENBIDE SAREA	Supervision of level crossings by means of Computer Vision	A computer vision system that increases safety at level crossings by detecting, in real time, hazards to railway traffic, allowing immediate actions to avoid accidents.
China	Prize Winner of Public service	China Mobile Group Zhejiang Co., Ltd.	Malignant Phone Calls Prevention Platform	This innovative project builds a platform for malignant phone calls prevention based on cloud platform and big data, which can effectively intercept all kinds of sales

	innovations			promotion, harassment and fraud calls, and give timely notification to suspected victims.
China	Award Winner of Business innovations (Micro & startup companies)	Electric Power Metering Center of State Grid Tianjin Electric Power Company	Automatic Sorting and Recycling of Dismantled and Returned Electric Meters	A sorting and recycling system that can automatically process a massive number of dismantled and returned electric meters and maximize the efficiency of recycling
Israel	Prize Winner of Business innovations (Micro & startup companies)	AppsVillage	AppsVillage app creation platform	AppsVillage has developed a unique platform that enables businesses to easily build a mobile app based on their Facebook page. AppsVillage provides users with an app with features customized to their business's needs. With AppsVillage app, businesses can create, manage and monitor their own app: notify customers about new offers and updates; post special deals that can be purchased from the app; let customers book appointments; stay in touch with customers with one-on-one chat; track and analyze user impressions, activity, and sales revenues; and more.
Spain	Prize Winner of Business innovations (Micro & startup companies)	FICOSTERRA, S.L.	Agriculture: Seaweed and microorganisms biotechnology as a new paradigm for fertilization	With a combination of seaweed extracts and microorganisms, ficosterra's proprietary technology BCB (Biological Crop Booster) enables a better harnessing of soil nutrients to the plant, thus resulting in more efficient crop yield.
Finland	Award Winner of Business innovations (Small and Medium sized enterprises)	Genelec Oy	The Ones – acoustically innovative coaxial three-way loudspeaker family	The innovation is a scalable loudspeaker design that implements a three-way coaxial loudspeaker working across the full audio band. The construction is novel and nothing similar can be found on the market.
Basque Country	Prize Winner of Business innovations (Small and Medium sized enterprises)	EGA MASTER S.L.	CUSTOM INDUSTRIAL SOLUTIONS ENGINEERING IN SAFETY AND EFFICIENCY FOR HIGH ADDED VALUE INDUSTRY	An unprecedented new business line of turnkey custom industrial solutions engineering for high added value industry.
China	Prize Winner of Business innovations (Small and Medium sized enterprises)	Optical Manufacturing Center of Beijing Institute of Space Mechanics & Electricity (OMC-BISME)	Space Optical Development System Based on Intelligent Manufacturing	Establishing an intelligent manufacturing system for space optical components and achieving upgrading development capability.
Finland	Award Winner of Business innovations (Large companies)	Vaisala Oyj	Vaisala viewLinc Monitoring System – Safeguard your invaluable pharmaceutical assets anywhere 24/7	ViewLinc Monitoring System uses industry-best sensors and wireless technology to ensure the storage conditions of critical assets such as medicines and vaccines in pharmaceutical warehouses and labs.
Basque Country	Prize of Business innovations (Large companies)	IBERDROLA DISTRIBUCIÓN SA	Innovation in the location of faults and characterization of faults in medium voltage networks	A system which allows locating and repairing faults in the distribution lines more quickly, saving staff costs and lack of supply and also reducing dangers derived from faults.
China	Prize Winner of Business innovations (Large)	DELL (China) Limited Company	Digitalized & Intelligent Quality Management System	Drive the digital transformation of traditional manual quality issue management, to enhance the efficiency of quality issue handling and reduce the issue cycle time.

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