

annual report
2019



EL CLÚSTER
TECNOLÓGICO
Y BIOTECNOLÓGICO
DEL SUR DE EUROPA

Content

❖ Introduction of the Honorary President	page 3
❖ President's Introduction	page 4
❖ Introduction by the Secretary General	page 5
❖ Manager Introduction	page 6
❖ Association situation	page 7
❖ What onTech is?	page 9
❖ Board	page 9
❖ Aims and objectives	page 12
❖ Technical office	page 13
❖ Territorial Delegations	page 14
❖ Institutional Participation	page 15
❖ International Presence	page 16
❖ Councils and commissions	page 19
❖ Council for Innovation	page 20
❖ Commissions	page 21
❖ Institutional Support	page 28
❖ Ambassador Program	page 29
❖ Press and media	page 30
❖ Activity summary	page 31

Introduction of the Honorary President



It is time for changes. The terrible health, social and economic crisis that COVID19 has unleashed worldwide has not only accelerated the digital transformation in all areas, but has also revealed more than ever the great challenges that companies, institutions and society must face in order to emerge stronger from this situation.

In these complicated months, technology has allowed us to be close to ours despite the distances, but the technological demands and challenges that must mark the political and business agendas are also being revealed. Greater investment in R + D + i, urgent modernization of the administration; the progressive reduction of the digital divide or the growing support for business digitization and entrepreneurship offer guarantees of growth and competitiveness, present and future, but, above all, they will continue to influence the major objectives of generating employment and improving the quality of life in our territories. All this thanks to the implementation of intelligent transport or energy saving systems, innovative formulas in environmental and cultural matters and a determined and permanent commitment to efficiency, sustainability and accessibility.

In Granada, -scientific and research power in southern Europe, City of Science and capital with the largest technological cluster in Andalusia, onTech Innovation-, this unstoppable process of digital transformation is an ongoing reality, a productive prototype and a goal towards which we have to go. Large consolidated projects and the work of the institutions support this reality, as well as high-level projects that pass by hosting the particle accelerator IFMIF-Dones, the important development of the biotech and health industries, or becoming, just as it has done. Israel, in a perfect ecosystem for start-ups and companies that make innovation their reason for being.

Granada is talent and it is science. Granada is entrepreneurship and it is innovation. Granada is present and it is future.

Don Luis Salvador Garcia

His Excellency Mayor of the Granada City Council

Honorary President of onTech Innovation

Introduction of the President



When in the summer of 2013 we formed OnTech Innovation, by then the Granada Plaza Technology Association, we could hardly imagine that, six years later, our project would become the largest group of digital economy in Andalusia. The initiative, which emerged from the CGE's Commission for New Technologies, had great objectives; but five years later it has exceeded all our expectations.

That a Granada initiative has been able to grow to become the largest ICT and BioTIC cluster in Andalusia is a tremendous pride for Granada. Our project was always ambitious: we managed to create an institutional and business consensus beyond any role; we managed to look up and propose a long-term strategy to transform our production model; And, in a very short time, we have been able to expand throughout Andalusia.

2019 has been a key year for our consolidation in the autonomous community. As a Digital Transformation Office (OTD) and as a beneficiary entity of the Red.es Employee Training Program, we have toured all provinces leading the process of digitization of SMEs and Andalusian workers. We have expanded our associate base, we have opened two 'branches' in Seville and Malaga and we have launched innovative projects with our companies and our knowledge centers.

Talking about 2019 is also talking about IFMIF-DONES. OnTech Innovation continues to work on European projects such as BIO-ALL and Digiclusters, but this last exercise has confirmed the role of the cluster as an agent of change for our economy. OnTech Innovation is part of the European entities that are developing DONES-PreP, the preparatory project that must lay the foundations and design the roadmap for the future construction of the particle accelerator in Escúzar. This milestone shows that the success of OnTech Innovation is, without a doubt, the success of Granada and Andalusia.

Don Gerardo Cuerva Valdivia

President of CEPYME Spanish Confederation of Small and Medium Enterprises

President of CGE the Granada Confederation of Entrepreneurs

President of onTech Innovation

Secretary General's Introduction



This exercise has been one of the most rewarding and intense. On our 6th anniversary we continue to show and show that by changing the way we work with and for companies and by being innovative in our organizational model, success is possible.

This year has been the year of territorial expansion, with the opening of two delegations in Malaga and Seville, and the appointment of two territorial delegates, who have been quick to achieve the expected successes in attracting innovative companies and projects. With 710 companies, full partners, and more than 2,900 added companies, positioning us as one of the largest ICT business organization. This growth also allows us to champion the legitimate business representation of the Andalusian digital economy sector and industry, representing more than 58% of turnover and more than 68% of employment.

We have also increased our activity outside our borders, with trips, presence, days, activity and projects in countries such as China, Poland, Italy, Lithuania, Latvia or the United States.

Clusters in general and our cluster in particular have proven to be a key and strategic agent of the innovation ecosystem, both regional and national, lacking this recognition and consideration by public administrations.

This exercise has also involved the consolidation of original programs and initiatives that have made a difference with traditional organizations such as our already famous Ambassador Program, with 20 representatives at the international level, or our Council for Innovation. Finally highlight the magnificent work from Management, leading our Technical Office, and thank the more than 100 entrepreneurs who work selflessly in work committees.

Don Vito Episcopo Solis

Director of Institutional Relations of Grupo Trevenque
Secretary General of onTech Innovation

Manager's Introduction



OnTech Innovation has taken a giant leap in 2019. The work carried out by our Technical Office, in permanent collaboration with our associated companies, has allowed the cluster to acquire a new dimension and consolidate itself as a key part of the Andalusian Ecosystem of Innovation. We grow day by day in the number of associates; we have an increasing institutional presence in Andalusia; and we add important knowledge centers that reinforce the support of the scientific and technological community for our project.

We are convinced of our role as a driving force for the development of the digital economy and the knowledge industry. This philosophy, under which we design our strategic lines of work, has led us to promote innovative projects in collaborative environments (Chemoclean II, Editorial 4.0, Food 4.0, Perident, Deterministic Communications for Industry 4.0 and Cybsec-Tech) in which the Universities of Malaga and Granada have played a fundamental role.

We also continue working to guide the digitization process of our productive fabric, through initiatives such as the Digital Transformation Office of Red.es, which has allowed us to travel throughout Andalusia to respond to the needs of advice and information in the ICT sector.

We work for the digital transformation of our companies, but also of our workers. In terms of training and employment, we are developing a project, also financed by Red.es, to improve the digital skills of workers in our associated SMEs. We have designed a complete training program with fifty training actions that will benefit almost a thousand employees in Andalusia and Murcia.

In 2019 we also have to highlight the different European initiatives in which the cluster participates. At the end of the year, the European projects BIO-ALL and Digiclusters were joined by the DONES-PreP project, an initiative financed by Euratom that allows us to continue working to make IFMIF-DONES a reality in Granada.

Don Antonio Alcántara López

Deputy to the Secretary General of the Granada Confederation of Entrepreneurs

Manager - Cluster Manager of onTech Innovation

Association status

In this exercise, onTech Innovation, the global brand of onGranada Tech City, has established itself as the largest business organization in the Digital Economy and the largest Technology Cluster in Andalusia and Spain.

onTech has 710 associated companies that represent 58% of the sector's turnover in Andalusia, which represents almost 4% of the regional GDP. On the other hand, the companies associated with onTech generate more than 68% of the employment in the digital economy sector in the Andalusian autonomous community.

The associated companies are part of the ICT, BIO-ICT, Biotechnology, Industrial and consumer electronics, Digital Content, eHealth, Digital Health and other related sectors, although the ICT sector stands out as the one with the greatest weight in the association.

710

Number of full partners associated with the cluster (580 companies in the AEI ministerial register)

10.000.000.-€

Funds made available to our associates through innovation projects, training programs and improvement programs, among others.

58%

Sector representation in terms of the turnover of the Andalusian digital economy industry.

68%

Sector representation in terms of employment and jobs in the Andalusian digital economy industry.

>2.900

Number of aggregated associated companies, which complete the capillarity of the cluster.

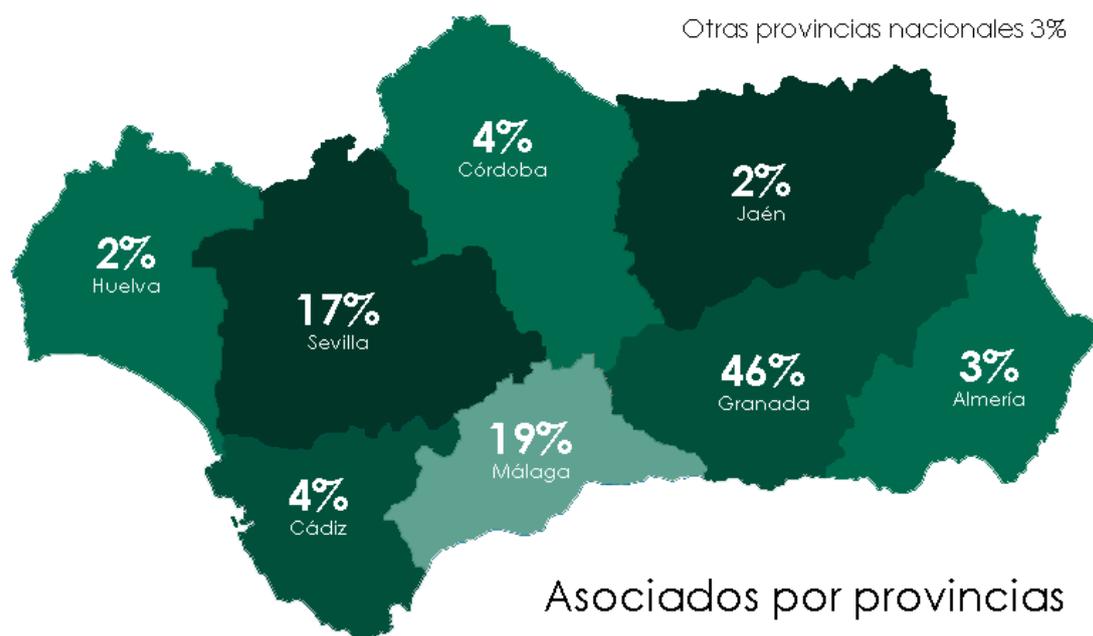
Association status

In this year, the number of companies that have joined our initiative and have joined as onTech associates has continued to grow, now exceeding 710 associated companies, representing more than 11% growth.

This has been possible thanks to the appointment of two Territorial Delegates in Malaga and Seville, improving our presence in these two important Andalusian technology centers.

We continue to add large national and international companies, which have been associated in this exercise, significantly increasing the territorial representation of onTech in terms of job positions, as well as billing.

onTech has associates in all the Andalusian provinces, but more than 80% of the associates are located between Granada, Malaga and Seville. These percentages reflect the reality of the Andalusian digital economy industry, where more than 80% of the sector's turnover is made in these same 3 provinces.



What onTech is?

onTech Innovation is the brand that represents onGranada Tech City, founded in 2013 as the Granada Plaza Technology and Biotechnology Cluster Association. It is an initiative of the Grenadian Confederation of Entrepreneurs (CGE) which has among its members and governing bodies the Granada City Council, the Granada Provincial Council, the University of Granada, the Andalusian Government, the Granada Chamber of Commerce, associations Andalusian, national and European ICT and employer companies. Its main purpose is the representation and strengthening of the ICT and BioTIC fabric of Andalusia through the provision of services to its associated companies, thus favoring both the creation of quality jobs and the increased competitiveness of the sector. onTech Innovation develops three strategic lines of work linked to innovation; training and employment; and the promotion of entrepreneurship. In addition, the Technical Office of onTech Innovation works together with the companies associated with the cluster in raising funds and innovative national and international projects.

Board

Composition of the Board of Directors



Board

Composition of the Board of Directors

Don Luis Salvador García - His Excellency Mayor of the Granada City Council - Honorary **President**

Don Gerardo Cuerva Valdivia - President of the Granada Confederation of Entrepreneurs - **President**

Don Pablo García Pérez - Government Delegate of the Andalusian Government in Granada - **Vice President**

Don José Luis Alarcón - Vice President of the Granada Chamber of Commerce and Navigation - **Vice President**

Doña Pilar Aranda Ramírez - Magnificent Provost of the University of Granada - **Vice President**

Don José Entrena Ávila - Excellent President of the Provincial Council of Granada - **Vice President**

Don Luis González Ruiz - Deputy Mayor Delegate for the Economy of the Granada City Council - **Vice President**

Don Luis Aribayos Mínguez - Secretary General of the Granada Confederation of Entrepreneurs - Vice President

Don Joaquín Rubio Torres - Managing Director of the Granada Chamber of Commerce - **Member**

Doña Virginia Fernández - Provincial Delegate of the Regional Ministry of Economy, Innovation, Science and Employment - **Member**

Don Manuel Olivares Huertas - Deputy Mayor Delegate for Employment of the Granada City Council - **Member**

Don Antonio Alcantara López - Deputy Secretary General of the CGE - **Treasurer**

Don Vito Episcopo Solís - Director of RR.II. in Grupo Trevenque - **Secretary General**

Doña Ana Muñoz Arquelladas - Employment Deputy of the Granada Provincial Council - **Member**

Don Jesús Banqueri Ozáez - Director of the OTRI UGR Research Results Transfer Office - **Member**

Don David Arroyo González - CEO of AGEO Consultoría-Asesoría Informática - Member

Don Miguel Ángel Rodríguez Pinto - General Director of ESCAV-Vocal

Doña Mónica García - General Secretary of the Granada Chamber of Commerce and Navigation - **Secretary**

Don Juan Ramón Olmos Vico - President of Grupo Trevenque - **Member**

Don Dionisio Torre Ramos - General Director of Axesor Knowing to Decide - **Member**

Don Antonio Mingorance Gutiérrez - General Director of BIDAFARMA - **Member**

Don Eduardo Haro Amate, Co-Founder & CEO of Nazaríes IT, **Member**

Don Arnoud Krom, Founder & CEO of Bi4Group, **Member**

Don Javier Díaz Alonso, Seven Solutions Consultant, **Member**

Mr. Roberto Álvarez Ollero, General Director of Solinsur Informática, **Member**

Don Pablo Díaz Moreno, Managing Partner of Arelance Group, **Member**

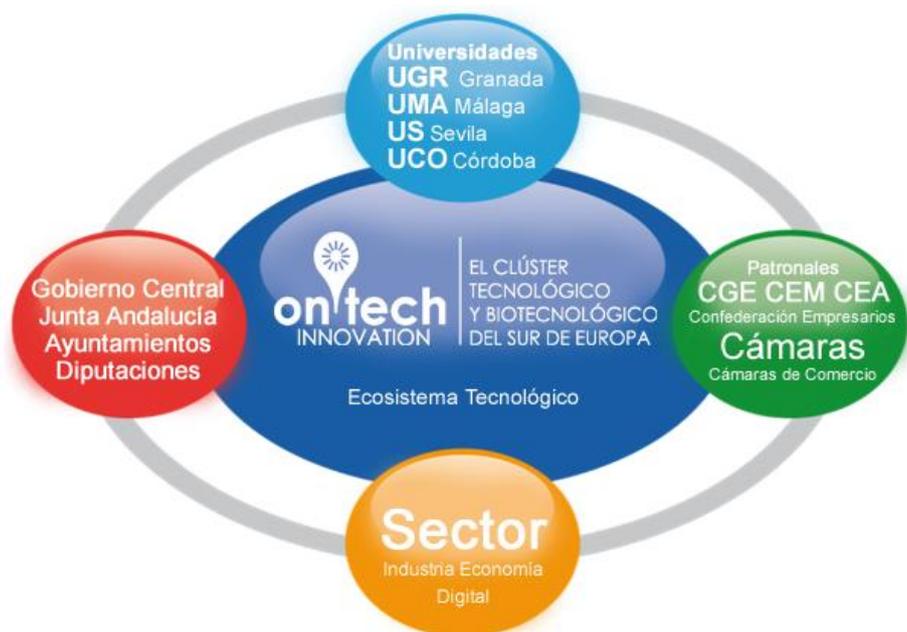
Don Antonio Vicent Pecharroman, President General Director of Mnemo, **Member**



Aims and objectives

The foundational objective of the association is to diversify and consolidate the local, provincial and autonomous production and export base of Andalusia in intensive sectors in new technologies. For this, the cluster has been incorporating new lines of work in accordance with the needs of its associated companies. Among its purposes are:

- Attract the location of technology-based companies in Andalusia, especially information and communication technology companies as well as biotechnology companies.
- Promote Andalusia as a technological plaza at national and international level, with the aim of improving the viability of Andalusian companies in the digital economy sector.
- Capture investments in high technology in sectors that develop or use New Technologies such as: ICTs, Biotechnologies, New Materials, in order to generate new qualified employment and new exports.
- Coordinate and develop projects related to R + D + i, leading consortiums and work groups together with companies and knowledge centers associated with the cluster.
- Facilitate the talent recruitment processes of Andalusian technology companies, as well as identify the training needs of ICT and BioTIC companies.
- Manage the financial instruments necessary to promote entrepreneurship and technology-based companies.



Technical office

It is directed by the Manager, who in addition to providing direct services, acts as coordinator. The objectives of the services provided by the Technical Office are:

- Comply with the objectives of the Strategic Plan established for our Association.
- Meet the management and coordination objectives set.
- Attend to the needs of the Associated Companies.
- Increase the probability of project success.
- Manage jobs more efficiently through service orientation, so that work is done based on a catalog of services, so that different result indicators can be measured.

Service provision model:

- Management of the resources of the Technical Office.
- Coordination of work.
- Service monitoring, based on indicators that allow defining ANS.
- Demand management.
- Conflict resolution.
- Certification of works.

Among the services and actions of the Technical Office are the following categories:

- Industry 4.0 Observatory and Science and Technology Applied to Health
- R + D + i projects.
- Dynamization and promotion.
- Training and employment.
- Financing, Aid, Incentives and Subsidies.



Territorial Delegations

The 2019 financial year has marked a date marked by the opening of the first two territorial delegations in Malaga and Seville. With two delegates of recognized prestige in the sector, these openings are carried out in order to improve the service to our associated companies in each territory and enhance the presence of the Cluster.

Territorial delegation of Malaga

In May 2019 we took a decisive step to expand our base of associated companies in Malaga. The cluster named Alejandro Marfil, a great connoisseur of the Malaga ICT sector due to his professional career, a new territorial delegate. This decision also reinforced one of the cluster's



strategic lines of work: the creation of a Granada-Malaga Technology Hub and the consolidation of the relationship with the University of Malaga (UMA) as an associate of the cluster.

Territorial delegation of Western Andalusia



In September we reinforced our presence in the western area of the autonomous community with the appointment of Rafael Padura as the new territorial delegate. In this way, we have a representative highly connected to the ICT sector who has dedicated himself to expanding the base of associated

companies in the provinces of Seville, Huelva, Cádiz and Córdoba, and increasing our representation in Western Andalusia. At the same time, it has also been in charge of attracting projects related to R&D and has facilitated the incorporation of the University of Seville (US) as an associate to the Cluster.

Institutional participation

This 2019 exercise has also meant the consolidation and increase of the presence and institutional participation of the Cluster in government bodies or work commissions of both business organizations and the public administration. We highlight some:



Member of the Executive Committee, Member of the Board of Directors, Presidency of the New Technologies Commission and Relationship with the UGR.



Vice-presidency of the National Federation of Innovative Business Groups and Clusters FENAEIC.



Member of the Board of Directors, Member of the Smart Cities Commission, Member of the Cloud Computing Commission, Member of the Industry 4.0 Commission and the IHL Working Group.



Member of the Smart Cities Commission.



Member of the Board of Directors, Presidency of the Knowledge Economy and Collaborative Environments Commission.



Member of the Board of Directors.



Member of the Committee of Experts for the elaboration of the Strategy to Promote the ICT Sector in Andalusia.



Member of the Organizing Committee of the Transfer Forum and the Organizing Committee of S-Moving, FYCMA.

INTERNATIONAL PRESENCE

2019 has been an intense activity and international presence, with outstanding trips to China, Poland, Italy, the United States and Latvia, and with the signing of two important collaboration agreements or international MOUs with China and Italy.

In June, our commercial and institutional mission to China allowed the cluster to reach a Memorandum of Understanding (MOU) with the high representative of the Liuduong Technology District (in the city of Liuzhou), with the aim of promoting cooperation between



the two countries and their ICT companies. The work we have carried out to position Andalusia and its business network as technological benchmarks has attracted the attention of the Chinese authorities, who have wanted to demonstrate this by signing this agreement, which will allow the associates of our Cluster to access the market more easily. Chinese and, in turn, it will be an entry support tool for Chinese companies in Europe.



We also had the opportunity to present our success story and our contribution to make Granada a Smart City in two important and large technological congresses, in which more than 3,000 people participated, in the cities of Chengdu and Liuzhou..

In September we signed a collaboration agreement with the important Italian Cluster based in Rome Cube Labs and the Istituto Nazionale di nBiostrutture e Biosistemi (INBB) university consortium of Italy with the aim of developing bilateral cooperation for the promotion of innovation technology among its partners, as part of the objective of supporting internationalization contained in the Strategic Plan of our Andalusian technology cluster. This agreement has been possible thanks to the efforts and personal contacts of the OnGranada ambassador to Italy Marcello Memoli.



In October, we were in Poland, in the city of Warsaw, to attend a new meeting held by our European partners in the Digiclusters project, in which those involved in this initiative - financed by the COSME program - took stock of the state

current status of the project, with special emphasis on the different hackathons that partners in Latvia, Lithuania, Poland and Spain have developed in their respective countries. In the framework of the X Mazovia Development Forum, we were able to publicize the results obtained by our Cluster.



In October we were also in the United States, in New York City. Accompanying our president, a delegation made up of seven associates from our Cluster, participated in this business mission, organized by the Granada Chamber of Commerce.

During our stay in the American city, the delegation held numerous meetings with top-level institutions and companies. Specifically, we attended meetings with prestigious organizations such as Columbia University, NY Tech Alliance, City University NY Startups, Entrepreneurs Roundtable Accelerator, Columbia Technology Ventures, Fund for Public Health or Entrepreneurship Lab NYC, among others, obtaining in these meetings very valuable information on the know-how applied in the United States. Thus, we were able to discover models, methods and tools used by New York institutions and companies. However, it is worth noting the satisfaction that has resulted from verifying that many of the good practices set forth by the American entities are already being applied in our Cluster.

In November we were in Latvia, in the city of Riga. A delegation made up of four companies associated with the Cluster, accompanied by our Ambassador to Poland, Emilio Rull, participated in an international hackathon 'within the Digiclusters project. The event was the end of a series of national hackathones',



held by the countries participating in the European project, in which ICT companies from Spain, Latvia, Lithuania and Poland have sought innovative solutions to the challenges of the agri-food industry.

Councils and commissions

Organization and Management Commissions

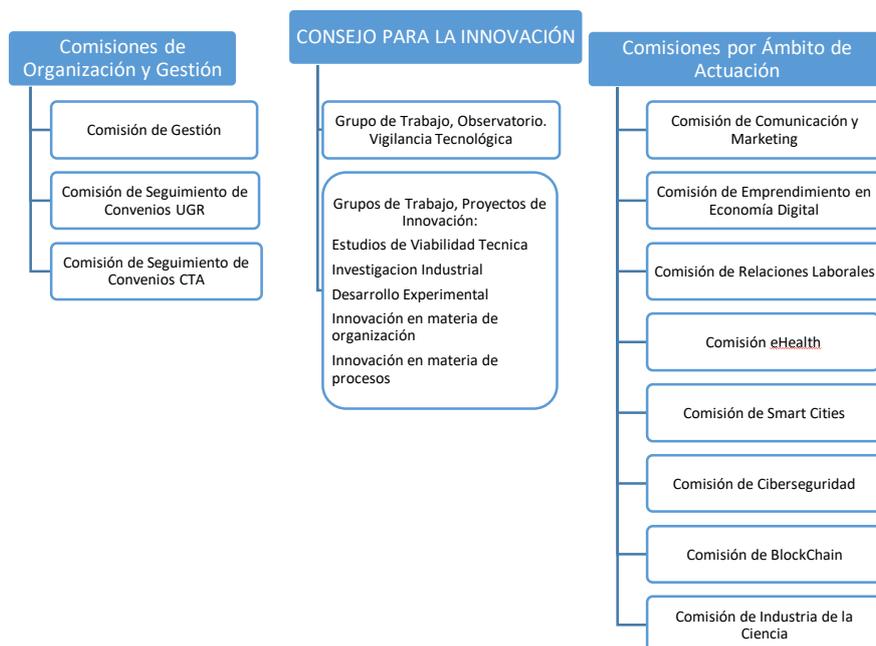
- Management Commission
- Monitoring Commission of UGR Agreements
- Follow-up Commission of CTA Agreements

Council for Innovation

- Working Group, Observatory. Technological surveillance
- Working Groups, Innovation Projects
- Technical Feasibility Studies
- Industrial Research
- Experimental development
- Innovation in organization
- Innovation in processes

Commissions by Scope of Action

- Communication and Marketing Commission
- Entrepreneurship Commission in Digital Economy
- Dynamization Commission
- Labor Relations Commission
- eHealth Commission
- Smart Cities Commission
- Cybersecurity Commission
- BlockChain Commission
- Science Industry Commission



Council for Innovation



One of the already consolidated initiatives of onTech in this exercise in the field of innovation, after its recognition by the Ministry of Economy, Industry and Competitiveness as an Innovative Business Group, AEI or Technological Cluster, has been this internal working body. This Council aims to promote

innovation and knowledge transfer in the field of ICT, BIO and eHealth companies in the Andalusian community.

Through an "Industry 4.0 Observatory and Science and Technology Applied to Health" we fulfill a double objective: on the one hand, to have true and faithful information on the lines of R&D and innovation in the field of Industry 4.0 and of Sciences and Technologies Applied to Health currently existing in Andalusia, counting on our Knowledge Provider Centers; and, on the other hand, to carry out a "Technological Surveillance" task detecting all those digital technologies or solutions that are being developed nationally and internationally and that have not yet been implemented in our regional scope

The key Innovative Activities of our Council are:

- Industrial Research.
- Experimental development.
- Organization innovation.
- Innovation in Process.



Commissions

Management commission



As we have previously mentioned, our Innovative Business Association wants to involve management, as established by our management and coordination objectives within the AEI strategy, to companies, Knowledge Provider Centers and other organizations that are part of the Association. For this purpose, the Commissions that are detailed below are created:

The Management Commission was established within the framework of our General Assembly as an intermediate management and control body that streamlines decisions and keeps the governing bodies of the organization, the Board of Directors and the Executive Committee informed. It is made up of representatives of the 6 institutions present at onTech, our lawyers and the Association's management team.

Communication and Marketing Commission



President: Don Miguel Angel Rodriguez Pinto

The Communication and Marketing Commission has the objective of participating in the Communication area strategy, highlighting the following functions:

- Publicize OnTech Innovation as an Innovative Business Group.
- Improve the service of attention to the associates, and especially the one of investigation, development and innovation.
- Promote and energize OnTech as an Innovative Business Group.
- Broadly disseminate and promote the results of research resulting from R + D + i Projects.
- Increase brand recognition and improve brand positioning.
- Improve communication flows with our associates.
- Promote loyalty.
- Achieve greater visibility: that the media publish articles on actions, presences, positions / demands regarding issues and achievements.
- Promote interaction with social network followers.
- Positioning as leader of the sector in Andalusian and national scope.
- Reach a new audience.

Labor Relations Commission



President: Don Isidro Ramírez

The Labor Relations Commission has, among other objectives, to establish the bases for a future sectoral collective agreement.

Chaired by Isidro Ramírez, of Axesor, it has the participation of the HR managers of the largest companies in the field of the Andalusian digital economy industry.

The Commission works on all labor issues that affect our associates, including the lack of a sectoral collective agreement as well as the attraction and retention of talent..

Entrepreneurship Commission in Digital Economy



President: Don Samuel Sánchez Talavera

The Entrepreneurship Commission in Digital Economy has the objective of participating in the strategy of the R&D Project Services, Training and Employment, and Financing of the Technical Office.

This particularly dynamic commission brings together the youngest associated entrepreneurs and has the collaboration of the general entrepreneurship coordinator of the UGR University of Granada. In this exercise the works have focused mainly on:

- Program and Studies.
- Dynamization.
- Communication.

Smart Cities Commission



President: Don Daniel González Bootello

The Smart Cities Commission, whose presidency has been assumed by the Andalusia Smart City cluster, in the person of its Director General, Daniel Gonzáles Bootello, is a platform that works for the development of more efficient, sustainable and comfortable cities.

The objectives and the activities that are developed are framed in the onTech strategy for the period 2016-2020.

The onTech Smart City Commission has launched five working groups focused on Social Innovation; Energy; Environment, Infrastructure and Accessibility; Urban mobility; and Government, Economy and Business.

eHealth Commission



President: Don Pablo Caballero

The eHealth Commission has the objective of participating in the strategy of the R&D Project Service of the Technical Office.

Among its functions and actions in this exercise we can highlight the following:

- Promote research, development and innovation in the field of Health sciences and technologies.
- Transfer of Knowledge.
- Incorporate most of the eHealth sector companies operating in Andalusia into the association.
- Position Andalusia as a global benchmark within the emerging eHealth sector.
- Promote the creation and use of infrastructures related to eHealth in Andalusia.
- Strengthen the ecosystem related to eHealth, connecting the various actors involved to generate added value (companies, investors, researchers, health services, users, etc.). Promotion of events, actions and projects related to the eHealth sector, to increase the visibility of Andalusia as a place and that of companies in the sector.

Cybersecurity Commission



President: Don Antonio Vicent

This new working group, in which around twenty suppliers and developers of different solutions in the cybersecurity value chain participate, was created with the aim of promoting the concept and relevance of cybersecurity and the protection of information among companies, public administrations and public opinion. There will also be a follow-up of the main legislative actions regarding Security and Trust; networking and collaborative projects between partners will be promoted; and national and international information on this matter will be shared.

The presidency of the onTech Cybersecurity Commission has been entrusted to the consulting firm Mnemo, a national company specialized in technology and security that is part of the technology cluster. As agreed at the constitution meeting of this new advisory body, the president of Mnemo, Antonio Vicent, will take over the presidency of the Commission; while Manuel Fernández, technical director of the Eurocenter Group, and Pedro García Teodoro, professor and director of the Master's Degree in Cybersecurity at the UGR, will serve as vice-presidents.



Blockchain Commission



President: Abytes Association, Francisco Carretero

Blockchain's potential to usher in a new era in business and technology development has led OnTech to step forward and create a new Task Force focused on this robust, distributed and cryptographically secure database. Responding to the demand of its associates, OnGranada is thus at the forefront, creating a working group that will carry out an important task of raising awareness and training on this future technology.

The Blockchain Commission, which comprises a dozen representatives of companies and public institutions, aims to intensify the actions of the cluster related to this technology, also introducing it in the projects it carries out with its associated companies.

The first work meeting of the Blockchain Commission has served to establish the roadmap that will be addressed in the coming months and to create the first working groups, which will be very active and that will allow establishing a two-way channel between the commission and the companies, creating a community focused on Blockchain and the development of a democratized digital economy.

The presidency of the Blockchain Commission has been assumed by the president of the Abytes association, Francisco Carretero. This non-profit group, which is part of OnGranada Tech City, is a community of experts, promoters, collaborators and investors focused on promoting this technology. In addition, technological and financial companies have participated in the first meeting of the commission, as well as representatives of public institutions such as the PTS, the College of Technical Computer Engineers of Andalusia, the University of Granada or the Provincial Government of Granada.

Science Industry Commission



President: Rafael Rodríguez Gómez, from Seven Solutions

The Science Industry is incorporated as one of the priorities of the OnTech Innovation cluster. Boosting a sector dedicated to the conception, design, construction and maintenance of scientific facilities and instruments is essential to guarantee the advancement of the ICT and BioTIC business fabric, as well as to make innovation one of the economic pillars of Andalusia. The first step that the regional cluster has taken has been the creation of a new Working Commission focused on the Science Industry, which already has the participation of key companies in the sector and large entities such as Ineustar (the Association Spanish Science Industry), the Andalusian Institute of Astrophysics or the Medina Foundation.

The first mission of the Science Industries Commission is to carry out a mapping or catalog that identifies both the companies that carry out their work in this field, especially those related to nuclear fusion, high-energy physics, particles, astrophysics or health, such as public or private entities that have an impact on the sector. The working group will also study the capabilities of these companies with the ultimate goal of identifying collaborative projects linked to large national and international scientific facilities.

In addition to relevant companies in the sector, representatives from Ineustar, the Idea Agency, the Abytes association, the Granada Provincial Council, the Andalusian Institute of Astrophysics, the Medina Foundation and the University of Granada also participate.

Institutional Support

Sector, employer, union and scientific support

Many local, Andalusian, national and European employers are already part of onTech Innovation partners, endorsing our initiative with their participation. Also unions, professional associations, centers of excellence or research, cluster and technology parks. In this exercise, the support and participation of these entities has increased significantly, counting to date with more than 46 organizations and institutions within the Cluster.



Knowledge provider centers

Institutions recognized by the Ministry as the knowledge provider centers within our Cluster.



Ambassador Program



One of the most successful and impactful programs has been that of onTech ambassadors, which aims to promote the city of Granada and Andalusia as technology centers for attracting projects or jobs to be carried out by our associates. Furthermore, the network of onTech

Innovation ambassadors works as a support and support platform for the internationalization of the ICT and BioTIC sector in Andalusia.

This year the number of onTech Ambassadors has increased, reaching 22 representatives and each day greater global coverage. Highlight in this exercise the new ambassadors for Italy and the United States, in particular San Francisco and Silicon Valley.



Press and media

Paper press: 121 appearances in 14 local, Andalusian, national and European media (IDEAL, ABC, El País, Granada Hoy, Diario Sur, La Vanguardia, Data News, Company Agenda, among others).

Electronic press: 434 appearances in digital media, main local, Andalusian, national and European newspapers, as well as news blogs.

Social networks

Twitter Channel: Account on the Twitter microblog in which we report in real time our actions and news, with 3,922 subscribers and more than 1,790,000 impacts.

Facebook channel: Account on the social network Facebook, in which we report and communicate news and events, with 1,107 subscribers and almost 760,000 impacts.

LinkedIn channel: Account on the professional network of LinkedIn, in which we report and communicate news and events, with 1,671 subscribers and more than 870,000 impacts.



Activity (summary in pictures)





Asociación Clúster
Granada Plaza
Tecnológica y Biotecnológica

onTech Innovation

Calle Maestro Montero nº 23

18004 Granada - Spain

Teléfono: +34 958 53 50 41

Web site: www.ongranada.com

© 2020 reservados todos los derechos. Prohibida su copia sin autorización.



EL CLÚSTER
TECNOLÓGICO
Y BIOTECNOLÓGICO
DEL SUR DE EUROPA