WHO IS WHO
2018

January 2018

1. **WATER CLUSTER – CWP**
2. **MEDIA CLUSTER – CLÚSTER AUDIOVISUAL DE CATALUNYA**
3. **COSMETICS AND PERSONAL CARE CLUSTER – BEAUTY CLUSTER**
4. **BIOMASS CLUSTER**
5. **BIOTECHNOLOGY AND HEALTHTECH CLUSTER – CATALONIABIOHT**
6. **DIGITAL CLUSTER**
7. **SMART HOUSING CLUSTER – DOMOTYS**
8. **ENERGY EFFICIENCY CLUSTER – CEEC**
9. **SOLAR POWER CLUSTER – SOLARTYS**
10. **SPORTS CLUSTER – INDESCAT**
11. **RAILWAY CLUSTER – RAILGRUP**
12. **FOODSERVICE CLUSTER – CLÚSTER FOODSERVICE**
13. **HOME PRODUCTS CLUSTER – HÀBITAT CLÚSTER**
14. **LIGHTING CLUSTER – CICAT**
15. **AUTOMOTIVE INDUSTRY CLUSTER – CIAC**
16. **LOGISTICS AND TRANSPORTATION CLUSTER – CATALONIA LOGISTICS**
17. **ADVANCED MATERIALS CLUSTER – MAV**
18. **AGRICULTURAL PRODUCTION MEANS CLUSTER – FEMAC**
19. **FURNITURE CLUSTER – CENFIM**
20. **FASHION TEXTILES CLUSTER – MODACC**
21. **NUTRITION AND HEALTH CLUSTER – AINS**
22. **PACKAGING CLUSTER**
23. **GOURMET PRODUCTS CLUSTER – CATALONIA GOURMET**
24. **KIDS RELATED PRODUCTS CLUSTER – KIDS CLUSTER**
25. **MENTAL HEALTH CLUSTER**
26. **PORK MEAT CLUSTER - INNOVACC**
27. **PHOTONICS AND OPTICS CLUSTER – SECPHO**
28. **ICT – EDUCATION CLUSTER – EDUTECH**
29. **WINE AND CAVA CLUSTER – INNOVI**

www.cwp.cat

WATER CLUSTER
CATALAN WATER PARTNERSHIP - CWP

Xavier Amores
Cluster Manager

xavier.amores@cwp.cat
972 18 33 38
664 648 209

Sara Gabarrón
Project Manager

gestio@cwp.cat
972 18 33 38
662 965 367

OVERALL TURNOVER: 2.900 M €
NUMBER OF MEMBERS: 65 members
OVERALL NUMBER OF EMPLOYEES: 10.250 employees

YEAR OF ESTABLISHMENT: 2008
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The Catalan Water Partnership (CWP) is the strategic association where engineering and environmental consultancies, knowledge centres, equipment manufacturers and other entities work for developing innovative & sustainable solutions to the global water needs, in any part of the world.
CWP works from an innovative approach and with an international vision. Thus, CWP is continuously looking for establishing strategic alliances with companies and centres of knowledge from any part of the world, in order to identify business and R+D+i opportunities that bring them together to a worldwide advanced position in the global market.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Developing business together: structuring proposals that complement the value chain in order to offer joint products and services.
- Promote R&D consortiums for competitive calls.
- Internationalization: to promote the internationalization of the industry and organize the local sector so as to integrate it into international networks.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Water managements and water treatment technology.
- Applications for sustainable water use.
- Solutions for water conservation, handling, treatment and enjoyment.

10 KEY PLAYERS

- ABM GROUP *(Engineering).*
- ACSA-SORIGUE (*Construction, operation and services related to water management).*
- ADASA (Group COMSA-EMTE) *(Engineering).*
- AMPHOS 21 *(Consulting and advanced services).*
- SUEZ (Water distribution and water cycle solutions).
- FLUIDRA *(Manufacturers of products related to swimming pools and the sustainable use of water).*
- FCC AQUALIA (Water Distribution).
- LABORATORI DR. OLIVER RODÉS *(Consulting and advanced services).*
- CETAQUA *(Technology Centre).*
- SISLTECH *(Products, components and software manufacturers).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Cooperation with water associations from other countries to foster internationalisation. An example would be the development of a project in Colombia with ACODAL association.
- R&D projects in three different areas: Circular economy, Industry 4.0 and R&D cooperation projects
- Working groups on tourism, smart cities and food sectors, as well as different mixt groups with ACA (nitrate problems, emerging pollutants, sewerage, water treatment, sludge management). Many of the groups focus on promoting R&D projects and business development. The most successful case in the CWP has been the study of nitrate pollution systems.

MEDIA CLUSTER
CLÚSTER AUDIOVISUAL DE CATALUNYA

www.clusteraudiovisual.cat

Eduard Gil Baquero
Cluster Manager

egil@clusteraudiovisual.cat
932504356
616663567

OVERALL TURNOVER (M euros):
1.333 M €
NUMBER OF MEMBERS:
80 members
OVERALL NUMBER OF EMPLOYEES:
6.285 employees

YEAR OF ESTABLISHMENT:
2013
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The audio-visual cluster is an association of companies of the audio-visual and multimedia sector with the objective of turning this industry into one of the industrial, economic and cultural strategic sectors of the country in order to generate knowledge and wealth.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Reinforce the sector's consciousness and integrate the whole value chain.
- Liaise talent between universities and industry
- Strengthen business network.
- Innovation.
- Internationalisation.

WHAT THE CLUSTER OFFERS (Main specialisation areas))

- Production.
- Postproduction.
- Special effects.
- Distribution.
- Exhibition.
- Radio and TV operators.
- Audio-visual ICT.
- Telecommunication.
- Photography.
- Virtual Reality.
- Videogames.
- Advertising

10 KEY PLAYERS)

- LAVINIA (Producer, Communication and technology).
- MINORIA ABSOLUTA (Audio-visual production).
- GESTMUSIC (TV programmes: audio-visual production).
- VISYON (Virtual Reality).
- CELLNEX (Telecommunications).
- OVIDE (Equipment and camera renting).
- DREAM TEAM (Audio-visual production).
- DELUXE (Audio-visual postproduction and advertising).
- BROADCASTER (Production, journalism, advertising).
- METROPOLITANA (advertising).

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- University – Business Audio-visual Pitching. Most important event gathering 14 universities and emerging talent in the sector
- Zoom brands. Meeting of marketing departments of brands, publicity and audio-visual products
- Sessions on Virtual Reality technological innovation.

COSMETICS AND PERSONAL CARE CLUSTER

www.beautyclusterbarcelona.com

BEAUTY CLUSTER BARCELONA

Ivan Borrego
Cluster Manager
manager@beautyclusterbarcelona.com
650594344

Claudia Mesegué
Project Manager
comunicacio@beautyclusterbarcelona.com
644.588.594

Judit Morlà
Innovation Manager
innovacio@beautyclusterbarcelona.com

OVERALL TURNOVER (M euros):	NUMBER OF MEMBERS:	OVERALL NUMBER OF EMPLOYEES:	YEAR OF ESTABLISHMENT:	CLUSTER MANAGEMENT BUDGET:
1.003 M €	112 members	3.000 employees	2014	☐ up to 100 ✓ 100 to 200 ☐ more than 200

DESCRIPTION OF THE CLUSTER

We are a group of companies, organizations and knowledge centres involved in the beauty and health industry value chain, with the aim of generating new opportunities.
We make our companies more competitive by creating new projects and offering value added services through individual and collective initiatives. We interact within our own ecosystem but also with other that enhance our capacities.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Development of Barcelona brand within the beauty sector.
- Identification and creation of tendencies.
- Constant innovation in products and services.
- Internationalisation. Entry to new markets and international alliances
- Training.
- Smart Networking.
- Sustainable growth.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Highly qualified ecosystem (companies, universities and knowledge centres) to develop new products and services.
- Full knowledge of the beauty sector and the possibility to share it
- Aggregated visibility: promoting individual visibility.
- Interaction within the value chain

10 KEY PLAYERS

- ALQVIMIA *(Natural cosmetics producers)*
- BELLA AURORA LAB. *(Cosmetics)*
- CARINSA *(Perfume & fragrances producers)*
- ANUBIS COSMETICS *(Professional cosmetics producers)*
- FERRER INTERNACIONAL *(Pharmaceutical Laboratory)*
- MARTIDERM *(Dermatological products lab)*
- ANGELINI BEAUTY *(Luxury cosmetics and perfumes)*
- PERFUMERIAS JULIA *(Retail and own product)*
- QUADPACK GROUP *(Cosmetics and perfumes packaging)*
- FUNDACIÓ BOSCH I GIMPERA (Agent d'entorn)

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Collaboration agreement with Cosmetic Valley, Japanese cosmetic cluster and Pile della Cosmesi, Italy.
- Joint participation to International Fairs.
- Annual event on innovation in the beauty sector (Beauty Innovation Day).
- Annual event on specific internationalisation for the beauty sector (Beauty International Markets Day).
- Communication and visibility of the cluster at the international scale.
- Enhance natural cosmetics buisness.
- Creation of the School on cosmetics business.

Clúster Biomassa Catalunya www.clusterbiomassa.cat

BIOMASS CLUSTER
CLÚSTER BIOMASSA DE CATALUNYA

Ferran Garrigosa
Cluster Manager
fgarrigosa@clusterbiomassa.cat
640179724

Fatene Bessal
Project Manager
fbessal@clusterbiomassa.cat
640094105

OVERALL TURNOVER:
200 M €
NUMBER OF MEMBERS:
45 members
OVERALL NUMBER OF EMPLOYEES:
N.D.

YEAR OF ESTABLISHMENT:
2015
CLUSTER MANAGEMENT BUDGET:
✓ up to 100
☐ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The Biomass cluster is a non-profit association that represents the professional sector of biomass in Catalonia and whose objective are the promotion of a sustainable use of the energy of biomass in the region.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

Development of industrial thermal, AAPP, resource and communication markets.

WHAT THE CLUSTER OFFERS *(Main specialisation areas)*

- Sector representation.
- Promotion of innovation.
- Participation in conferences.
- Updated information.
- Individualised counselling.
- Member of the Biomass Hub
- Competitiveness improvement.
- Conditions and advantages.
- Working commissions.
- Promote professional network.
- Communication and dissemination.
- Funding itineraries.
- CO_2 rights.
- International missions.
- Participation in European projects.
- Accreditation of adhered companies.

10 KEY PLAYERS

- VEOLIA *(Energy services).*
- COMSA *(Energy services and provision of resources).*
- ENERGRUP *(Energy services).*
- PROBIOMASSA *(Installation and distribution).*
- ENERBIO (Peller manufacturer*).*
- GRUP NOVA ENERGIA (Equipment distributor).
- FORESTAL SOLIVA *(Chip Producer).*
- JFAMADAS *(Chip Producer).*
- CENTRE TECNOLÒGIC FORESTAL DE CATALUNYA *(Technology Centre).*
- ECONOVA *(Provision of resources).*
- LSOLÉ *(Boiler manufacturer).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

Inventory of potential existing biomass consumption centres, producers and facilities in Girona province by the DDGi.
Report on the state of the biomass sector in Catalonia by the CTFC.
Report on legal barriers in the biomass sector by DARP.

catalonia clusters ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence STRIVING FOR CLUSTER EXCELLENCE

BIOTECHNOLOGY AND HEALTHTECH CLUSTER

C CATALONIABIO&HEALTHTECH

www.cataloniabio.org

Melqui Calzado
Cluster Manager

melqui.calzado@cataloniabioht.org
93 518 29 41
696 44 18 12

OVERALL TURNOVER:
8.264 M €
NUMBER OF MEMBERS:
117 members
OVERALL NUMBER OF EMPLOYEES:
7.000 employees

YEAR OF ESTABLISHMENT:
2007
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

CataloniaBio is an initiative of businesses and entrepreneurs in the biotechnology industry. We are 66 heterogeneous members, from big pharma companies to small spin-offs. Catalonia Bio is part of the Southern Europe Biocluster, which enhances synergies and scientific cooperation as well as an economic hub of the Pyrenees-Mediterranean.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Promoting the BIO sector as an economic driver.
- Internationalisation
- Attraction of foreign investment.
- Establishing links between the BIO sector and the industry, technology, food, pharmaceutical, cosmetic and energy sectors ...

WHAT THE CLUSTER OFFERS *(Main specialisation areas)*

- Networking among all agents from the sector (big and small companies, investors, research centres, public administration, hospitals, etc...).
- Defense of the companies' interest in front of the different administrations.
- Strategic projects promotion.

10 KEY PLAYERS

- GRIFOLS *(Pharma).*
- REIG JOFRÉ GROUP *(Pharma).*
- ESTEVE *(Pharma).*
- ORYZON *(Biotech).*
- LEITAT *(Technology Centre).*
- STAT-DIAGNOSTICA *(Medtech).*
- NEUROELECTRICS *(Medtech).*
- YSIOS CAPITAL *(Investor).*
- KYMOS *(Scientific services).*
- RCD *(Non-scientific services).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Lessons Learned Project: Sharing experiences to boost competitiveness.
- Meet the investor Program.
- Health RIS3CAT Community.

BIOTECHNOLOGY AND HEALTHTECH CLUSTER

CATALONIABIO&HEALTHTECH

www.cataloniabio.org

Manel Pretel
Cluster Manager
manel.pretel@cataloniabioht.org
628 244 444

OVERALL TURNOVER: 1.677 M €
NUMBER OF MEMBERS: 50 members
OVERALL NUMBER OF EMPLOYEES: 2.500 employees

YEAR OF ESTABLISHMENT: 2014
CLUSTER MANAGEMENT BUDGET:
✓ up to 100
☐ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The HealthTech Cluster is an initiative born in mid-2014 focused on the field of health technologies in Catalonia with the aim of improving competitiveness of the sector. This cluster brings together companies in the field of medical technology and digital health, as well as environment agents such as hospitals and knowledge centres.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Public-Private Partnership with hospitals.
- Internationalisation of its members.
- Increase knowledge on regulatory aspects
- To become referents on the digital health business area
- Promote the incorporation of talent in biomedical engineering.
- Suport to the healthtech start-up ecosystem

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Networking activities.
- Market intelligence.
- Collaborative projects.
- Intercluster activities.
- Working groups.

10 KEY PLAYERS

- COSTAISA *(Hospital management, hospital information systems, telemedicine and consulting).*
- AVINENT *(Dental implantology).*
- PALEX MEDICAL *(Distribution of medical products).*
- VENTURA MEDICAL *(Development and marketing of healthcare products).*
- SENSOFAR MEDICAL *(Inspection devices and medical components).*
- IN2 *(Information systems for hospital and mHealth).*
- NEOS SURGERY *(Cranial and spinal implants).*
- GRUPO PULSO *(Medical training).*
- HARTMANN LABORATORIOS (*Manufacturer of surgical treatment and wound treatment products*).
- TELSTAR *(Developing and integrated solutions of engineering, construction, equipment and services for the life sciences market).*
- VECMEDICAL *(Manufacture of medical devices).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Intercluster project on cybersecurity with Digital cluster
- Intercluster project on packaging with Packaging Cluster.
- Intercluster project on Chronicity management with BCD.
- Intercluster project: HEALTH and RAIL with RailGrup.

www.clusterdigital.cat

DIGITAL CLUSTER
CLÚSTER DIGITAL

Joan Puaté

Cluster Manager

joan.puate@clusterdigital.cat

932381400 extension 1219

636 075 644

OVERALL TURNOVER: 1.672 M €

NUMBER OF MEMBERS: 43 members

OVERALL NUMBER OF EMPLOYEES: 13.000 employees

YEAR OF ESTABLISHMENT: 2008

CLUSTER MANAGEMENT BUDGET:
- ✓ up to 100
- ☐ 100 to 200
- ☐ more than 200

DESCRIPTION OF THE CLUSTER

The Digital Cluster is a meeting space formed by a group of companies, entities and research groups with a common nexus: ICT. Recognized by the Ministry of Industry as an Innovative Business Grouping (AEI), the Digital Cluster brings together SMEs, large companies and other entities with the objective of boosting competitiveness among the Catalan ICT sector, and fostering a new business culture based on collaboration and open innovation.

Its mission is to catalyse resources of the Catalan ICT sector by multiplying its individual capacities and by taking advantage of the synergies between the agents. Thus, contributing to the development of companies, increasing their competitiveness and business volume with new products and services as well as high added value.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Generation and acceleration of innovative collaborative projects.
- Visualization and representation in the ICT sector.
- Promote a culture of competitiveness and knowledge transfer.
- Internationalization of the ICT sector.
- Promote the introduction of ICT in other sectors (interrelationships).

WHAT THE CLUSTER OFFERS *(Main specialisation areas)*

- Digital innovation.
- Areas of knowledge: Big Data, Industry 4.0, Cloud Computing, Mobility, Smart cities, Cybersecurity, IoT...
- Digital transformation.

10 KEY PLAYERS

- COSTAISA *(High quality software solutions).*
- THE ETAILERS *(Ecommerce outsourcing).*
- DAVINCI *(Technological Consultancy).*
- CDMON *(Web hosting and domains).*
- ICA *(ICT solutions and consultancy services).*
- FORTINET *(Cybersecurity).*
- ORACLE *(Database and middleware software).*
- FHIOS *(integral solutions in the field of ICT).*
- AIA *(Artificial intelligence).*
- TELEFONICA *(Telecommunication services).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

-<u>EUROPEAN PROJECT</u> Neptune. Support to the development of new value chains in the Blue Growth field.

-<u>INTERCLUSTER</u> Digital Cluster-CWP (Catalan Water Partnership).

-<u>WORKING GROUP ON CYBERSECURITY.</u> Internal reflection group, strategic orientation and identification of business opportunities on the cybersecurity sector.

catalonia clusters ACCIÓ Generalitat de Catalunya

AEI minetur agrupaciones empresariales innovadoras

BRONZE Cluster Management Excellence

SMART HOUSING CLUSTER
DOMOTYS

www.domotys.org

Alba Álvarez
Cluster Manager

aalvarez@secartys.org
+34 931 828 813
+34 628 136 701

OVERALL TURNOVER:
5.500 M €
NUMBER OF MEMBERS:
250 members
OVERALL NUMBER OF EMPLOYEES:
13.400 employees

YEAR OF ESTABLISHMENT:
2010
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

Domotys is the Spanish association of home automation, building automation & Smart Cities. Domotys was founded in 2010 as a cluster of companies belonging to home automation and building automation sector and is currently representing over 90 industries.
The aim of Domotys is to promote and contribute to the competitiveness of its members by promoting innovation, internationalization and improving environmental conditions in the sector, through various activities, programmes and associated services.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Promote an innovative and technology-based industry
- Achieving a significant market volume in relation to the existing technological know-how
- Coordinate the companies that are working throughout the whole industry value chain.
- The standardization of the interoperability of devices in a building automation system.
- Contribute to the inclusion of unemployed people from to the construction market
- Addressing the challenges of mobility and energy efficiency in the context of smart cities

WHAT THE CLUSTER OFFERS *(Main specialisation areas)*

- Specialised commissions on the following topics: vigilance and security control, active aging, smart cities, home automation and immotics, IOT, smart rural.
- R+d+i promotion services, training services and services for the improvement of business competitiveness and for internationalization.
- Networking and collaboration activities among cluster members and with other agents of convergent sectors.

10 KEY PLAYERS

- AFEI SISTEMAS Y AUTOMATIZACION, S.A. *(Industrial automation)*
- GEWISS *(electrical installations).*
- SOMFY S (connected home solutions*).*
- INGENIUM Ingeniería y Domótica, S.L. *(home automation systems).*
- VIGILANT *(Security).*
- TECNALIA, S.A. *(Engineering).*
- JUNG ELECTRO IBERICA, S.A. *(Electronic mechanisms i home automation systems).*
- NECHI INGENIERIA, S.L.P. *(Industrial technical engineering).*
- SIMON LIGHTING *(lighting manufacturer).*
- VOZ TELECOM SISTEMAS, S.L. *(IP telecommunication services).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Awareness campaign for the benefits of home automation and immotic.
- Working groups for the creation of R+D+I projects.
- Technical events by demand

catalonia clusters | ACCIÓ Generalitat de Catalunya

AEI minetur agrupaciones empresariales innovadoras

BRONZE Cluster Management Excellence

CEEC Clúster d'Eficiència Energètica de Catalunya

www.clustereficiencia.cat

ENERGY EFFICIENCY CLUSTER

CEEC

Francesc Ribera

Cluster Manager

fribera@clustereficiencia.cat
933 192 300
620 578 066

Jordi García

Project Manager

jgarcia@clustereficiencia.cat
933 192 300
653 877 800

OVERALL TURNOVER: 2.000 M €

NUMBER OF MEMBERS: 119 members

OVERALL NUMBER OF EMPLOYEES: 11.000 employees

YEAR OF ESTABLISHMENT: 2008

CLUSTER MANAGEMENT BUDGET:
- ☐ up to 100
- ☐ 100 to 200
- ✓ more than 200

DESCRIPTION OF THE CLUSTER

The Energy Efficiency Cluster (CEEC) is an entity whose main objective is to boost the field of energy efficiency through collaboration between companies and associated entities from the technological, research, institutional, regulatory, industrial, informatio nal and business fields.
CEEC is constituted as a non-profit business association which groups companies that offer, promote or develop products or services related to energy efficiency in the building, mobility, public services, industry and training sectors.
Unlike most associations, the common CEEC nexus is not the type of product manufactured or the same market, but the will of its members to increase their product and service value as well as to exploit new business opportunities

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Collaborative innovation
- Promotion of associates' business.
- Being a leader in energy efficiency and sustainability.
- Service to members.
- Efficient management.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

In CEEC we offer a wide diversity of opportunities to interact, get to know and collaborate with our members through working groups, specialised networking sessions, collaborative projects, innovation, etc.

10 KEY PLAYERS

- BAXI *(Manufacturer - climate)*
- CIRCUTOR *(Manufacturer - Power Management)*
- ENGIE *(Maintenance)*
- COMSA CORPORACIÓN *(Construction - installation)*
- SCHNEIDER ELECTRIC *(Manufacturer)*
- FACTOR ENERGIA *(Electricity supply)*
- ISTEM *(Installation)*
- KROMSCHROEDER *(Manufacturer)*
- PGI ENGINEERING *(Engineering)*
- SOLER&PALAU *(Manufacturer)*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Intercluster project School Energy League: energy efficiency awareness through games at school (collaboration with ICT cluster).
- Intercluster project: "Bodegas Inteligentes 4.0": energy efficiency improvement for wine companies (Wine cluster INNOVI)
- Intercluster project "Bodegas Sostenibles 4.0": renewable energy interaction for wine companies (Wine cluster INNOVI)
- Interreg Med project "Mednice".

catalonia clusters | ACCIÓ Generalitat de Catalunya

AEI minetur agrupaciones empresariales innovadoras

BRONZE Cluster Management Excellence

SOLAR POWER CLUSTER
SOLARTYS

www.solartys.org

Adrià Martínez
Cluster Manager

amartinez@secartys.org
+34 931 828 819
+34 682 495 754

OVERALL TURNOVER:
2.163 M €
NUMBER OF MEMBERS:
135 members
OVERALL NUMBER OF EMPLOYEES:
9.300 employees

YEAR OF ESTABLISHMENT:
2009
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
☐ 100 to 200
✓ more than 200

DESCRIPTION OF THE CLUSTER

SOLARTYS represents the interests of companies, research institutes and universities that form the sector of solar energy (including PV and solar thermal). Since 2009 it has been recognized as an Innovative Companies Association (AEI) by the Spanish Ministry of Industry. Our goal is to work towards improving competitiveness through four basic guidelines: internationalization, promotion of innovation and technological development, training and seeking funding for projects.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Development of specialized expertise in solar energy and stimulation of the connection between technological agents in the environment.
- Increase of the level of technological innovation that contributes to the product portfolio of companies
- Support business competitiveness
- Improve cluster members' visibility and positioning at the local and international scale
- Improve training for professionals in the sector

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Internationalisation. Creation of cooperation networks between Spanish companies and international companies and institutions.
- Research, development and innovation
- Training and funding.

10 KEY PLAYERS

- AKO ELECTROMECANICA *(Components).*
- ALITER GROUP *(EPC).*
- BROWN ADVANCE *(Trackers).*
- GREEN POWER MONITOR *(Monitoring).*
- HELIOS ENERGY EUROPE *(Solar panels).*
- SMA *(Inverters).*
- SALICRU *(Components).*
- TTA *(EPC).*
- TFM *(EPC).*
- TGB RODAMINTOS *(Components).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- ELSi PROJECT: Is the first Fast Track to Innovation (H2020) ever awarded to a Catalan cluster. The aim of the project is to analyse the potential of photovoltaic modules' recycling and the installation of a specialized plant in these waste.
- RAPID DEMAND TRAINING: training courses for primary, middle school and high school students in which they explained the benefits of renewable energies, mainly solar power, and the operation of photovoltaic installations.
- CLUSGRID EUROPEAN PROJECT: it has the objective of creating a new value chain in the field of Smart Grids as well as to improve services that clusters provide to their members
- TRAINING FOR PHOTOVOLTAIC PLANTS DESIGNERS AND INSTALLATORS: to tackle self-consumption facilities demand.

INDESCAT catalan sports cluster

www.indescat.org

SPORTS CLUSTER
INDESCAT

Alex Rivera
Cluster Manager

arivera@indescat.org
93 782 44 74
671 540 740

Cristina Naches
Project Manager

cnaches@indescat.org
93 782 44 74

OVERALL TURNOVER (M euros):
1.500 M €

NUMBER OF MEMBERS:
75 members

OVERALL NUMBER OF EMPLOYEES:
4.500 employees

YEAR OF ESTABLISHMENT:
2010

CLUSTER MANAGEMENT BUDGET:
☐ up to 100
☐ 100 to 200
✓ more than 200

DESCRIPTION OF THE CLUSTER

INDESCAT is the Catalan sports industry cluster. The Cluster's mission is to bring together companies and research centres re lated to the world of sport, with the main objective of developing actions that improve companies' competitiveness, encouraging the development of innovative products and services. It currently represents more than 70 companies with a EUR 1500M turnover, that offer services and products to the whole sport market. INDESCAT's working plan is based on 6 different strategic axes: Innovation, Talent, Entrepreneurship, Internationalisation, Visibility and Networking.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Creation of new products and services: development of the first European sports panel in order to get closer to the final consumer.
- Intercluster working sessions and health and digital technologies-related projects.
- Development and attraction of business talent for the sports industry.
- Support to entrepreneurship
- Internationalisation to countries where sport is emerging: China, Iran and USA.
- Positioning of Catalonia as a referent in innovation and sport.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Internationalisation: international projects, organisation of commercial missions, initiation and management of export groups, trade fairs and market research.
- Innovation: planning and systematisation of innovation in sport SMEs, support to structure innovation projects, market resear ch, working groups in specific areas: water sports, mountain, digitalisation, active tourism, etc.
- Specialised formation in the sport sector: branding, Bid Data, digital marketing, internationalisation, energy efficiency, et c.
- Promotion of entrepreneurship through specific programmes, sessions and working groups as well as individualised support.
- Networking and visibility through working groups/projects/sessions/linked to tourism, energy efficiency, sports nutrition, he alth, etc.

10 KEY PLAYERS

- RPM-MKTG *(Events and editorial).*
- BIOIBERICA *(Sports nutrition).*
- BUFF *(Tubulars).*
- EUROFITNESS *(Installation operators).*
- FLUIDRA *(Swimming pools).*
- ROYALVERD *(Grass).*
- GRUP SINTAGMIA *(Installation operators).*
- SALTER *(Fitness machines).*
- KAPTIVA SPORTS *(Events).*
- TORROT *(Motorbikes).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- European project: EU4SportsClusters Alliance oriented towards internationalisation of companies.
- Development of the first sports consumer panel in Spain.
- INDESUP: programme to fully support entrepreneurship in sports

catalonia clusters | ACCIÓ Generalitat de Catalunya | AEI agrupaciones empresariales innovadoras minetur | BRONZE Cluster Management Excellence www.railgrup.net

RAILWAY CLUSTER
RAILGRUP

Ignasi Gómez-Belinchón
Cluster Manager

gerencia@railgrup.net
934 159 865
619 386 310

Cristina Castillo
Project Manager

ccastillo@railgrup.net
934 159 865
646 537 144

OVERALL TURNOVER (M euros):
4000 M €
NUMBER OF MEMBERS:
85 members
OVERALL NUMBER OF EMPLOYEES:
78.000 employees

YEAR OF ESTABLISHMENT:
2002
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
☐ 100 to 200
✓ more than 200

DESCRIPTION OF THE CLUSTER

The initiative brings together companies and other agents in the railway industry: OEMs, engineering companies, suppliers, etc. Railgrup's main aim is to promote collaboration between different actors in the railway sector (authorities, operators, engin eering and consulting firms, manufacturers, builders, installers and suppliers). Other key objectives are: 1) maintaining an institutional dialogue with the government, associations and other institutions to defend the interests of the railway sector, 2) implementing activ ities to improve training for its members through collaboration with universities and technology centres and 3) informing and collaborating with the media and the economic sector

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Smart Mobility.
- Promotion of merchandise transportation by train
- Creation of a technological brand as a strategic differentiated element of cluster members.
- World Class Cluster.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Sectoral knowledge. Networking. Specialised technical sessions. Dissemination.
- Improve the cluster's competitive position. Intersectoral workshops. Technology Portfolio. Integration in specific working groups.
- Innovation in products and processes. Projects.
- Internationalisation of supply through Railgrup's market intelligence methodology.
- Joint presence to fairs
- Additional services for members: logistic services in fairs, communication-corporate image, website and media publicity.

10 KEY PLAYERS

- ALSTOM, SIEMENS, BOMBARDIER, STADLER, CAF *(Rolling stock).*
- SENER, IDOM, AKKA, AUDING INTRAESA, SITEP, CT-Ingenieros, ALTRAN, *(Engineering and consultancy).*
- RENFE, FGC, TMB, TRAM *(Operators).*
- PROMAUT, IT-Informatik *(Engineering and automation of processes).*
- *EURECAT, CIMNE, LEITAT, Fundació BiG-CITA-UB (Technology centres).*
- *DILAX, INTERTRONIC, WENGLOR, IFM, IT-INFORMATIK (Sensory).*
- *AVENGINYERS (Engineering specialised in vibroacoustics).*
- FLEXICEL, SBI-Connectors, UNEX *(Components).*
- LA FARGA, TELICE *(Electrification).*
- THALES *(Signage).*
- SINALUX *(Signaling).*
- OPTIMUS *(Acustics).*
- PILZ *(Security).*
- VIAS, SACYR *(Constuction).*
- IDD, OLIVA TORRES, REFISA, COLWAY, MAGMA, *(Inter design).*
- DHL, DBSCHENKER, *TOMAS Transporte (Logistics sector).*
- DIAB, Henkel i 3M *(Chemistry-materials sectors).*
- MAIN Group (*Corporate image).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Multimodal Goods Platfoms-EVENIS.
- Railway Highway-Rail2Port.
- BIM-Infrastructure Technology-SMARTPORT.
- HEALTHyRail. Unlocking the Health Benefits of Public Transport.
- ECOINNOVATION in Railway.

catalonia clusters | ACCIÓ Generalitat de Catalunya

AEI minetur agrupaciones empresariales innovadoras

BRONZE Cluster Management Excellence

www.clusterfoodservice.org

FOODSERVICE CLUSTER

CLÚSTER FOODSERVICE

Alejandro Utrera

Cluster Manager

autrera@clusterfoodservice.org

671 090 664

OVERALL TURNOVER: 2.900 M €

NUMBER OF MEMBERS: 50 members

OVERALL NUMBER OF EMPLOYEES: 24.318 employees

YEAR OF ESTABLISHMENT: 2014

CLUSTER MANAGEMENT BUDGET:
- ✓ up to 100
- ☐ 100 to 200
- ☐ more than 200

DESCRIPTION OF THE CLUSTER

The initiative brings together companies (manufacturers, distributors, wholesalers…) and other agents operating in the HORECA (Hotel/Restaurant/Catering) channel. Foodservice is a growing market segment, which represents about 25% of the total Catalan food sector.

The cluster promotes initiatives to boost the foodservice sector in Catalonia as well as to exploit synergies between members of the entire value chain in order to promote the development of transformative projects such as innovation, training, internationalisation projects, and development of new products.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Product development and innovation
- Market and trends knowledge.
- Internationalisation and trade capacities.
- Improvement of operations and efficiency of logistics.
- Strategic reflection, dimension and integration to distribution.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Expertise in restaurant service and distribution.
- Specialists in innovative solutions for food and beverage areas.
- Experience in hostelry projects.

10 KEY PLAYERS

- AN GRUP *(Restauration group).*
- ÀNGEL BOSCH *(Precooked and ready to eat products. Tento Chain).*
- AREAS *(Catering and travel retail).*
- AUDENS FOOD *(Frozen meats).*
- FRIT RAVICH (Snacks).
- FÒRUM GASTRONÒMIC *(Congress).*
- GALLINA BLANCA *(Foodstuff).*
- LA TAGLIATELLA *(Restaurant Chain).*
- SERHS *(Products and services for the hotel industry, catering and collectives).*
- TUPINAMBA *(Coffees)..*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Key Consumer project.
- Circular Economy project: circular economy application guide and packaging
- Digital marketing: NFC Food cross selling project

catalonia clusters | ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence

www.hcb.cat

HOME PRODUCTS CLUSTER
HÀBITAT CLÚSTER BARCELONA

Bàrbara Urdillo
Cluster Manager

barbara.urdillo@hcb.cat
664 225 631

OVERALL TURNOVER:
689 M €
NUMBER OF MEMBERS:
41 members
OVERALL NUMBER OF EMPLOYEES:
3.334 employees

YEAR OF ESTABLISHMENT:
2014
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

Habitat Cluster Barcelona is a non-profit organization that was launched in 2014 by 23 member companies with the support of ACCIO. HCB promotes growth and innovation in the habitat sector, improving the competitiveness of the associated members. We do that by identifying, communicating and acting as a repository for knowledge and acting as a link between businesses and research and knowledge institutions.

Our member companies take part in the entire value chain of "Habitat" and provide home and contract solutions in the following areas: furniture, lighting, home textiles, sustainable construction, decoration, bath accessories, floor coverings and ventilation among others.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Entry to new markets and customers through the promotion of internationalization activities and the study of new business opportunities in the contract, retail and e-commerce segments
- Improving competitiveness of members by fostering innovation, promoting joint trainings, and the search for cross-sectoral synergies
- To become a referent cluster.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Possibility of working in collaboration with other cluster members in order to offer global solutions in the contract segment
- Sectoral knowledge from different business points of view (lighting, furniture, construction…)
- Integration of the whole home products value chain. Market intelligence

10 KEY PLAYERS

- ARQUIMIA *(Modular construction).*
- CASALS *(Ventilation systems).*
- CREVIN *(Home textiles).*
- ELISAVA *(Design school).*
- ESTELLE PARQUET *(Floor and siding).*
- ESTILUZ *(Lighting).*
- HP *(Technology providers and engineering).*
- KIBUC *(Retail).*
- ROS *(Furniture).*
- 30m2 *(Contract Manufacturing).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Development of innovative activities that generate knowledge exchange among the whole value chain
- Organisation of reverse missions focused on architects, interior designers and international engineers.
- Creation of business consortiums for the elaboration of integral offers for the contract segment.

www.clusteriluminacions.es

LIGHTING CLUSTER
CICAT

Jessica Kamps
Cluster Manager

jkamps@cicat.cat
93 182 88 04
660 145 309

Andrea Sevilla
Project Manager

asevilla@secartys.org
93 182 88 14

OVERALL TURNOVER: 434 M €
NUMBER OF MEMBERS: 52 members
OVERALL NUMBER OF EMPLOYEES: 1.927 employees

YEAR OF ESTABLISHMENT: 2010
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The Catalan Lighting Cluster brings together companies and other organisations with a role in the value chain of the sector, covering activities such as manufacturing, designing or prescribing lighting systems and their components or providing specific technical services for the lighting industry.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Internationalisation of their companies: fairs and direct missions (ICEX, ACCIÓ), shared delegates to export countries, logistics platform…
- Innovation and its management: LED technology for road lighting; new materials (MATER); new communication models; social networks; business models in conventional distribution and contract. Relation with technology centres.
- Knowledge and generalist (management) and specific (lighting technologies) trainings. Barcelona Light Center.
- European projects.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Training and knowledge on lighting and its applications.
- Networking events.
- Internationalisation support.
- Innovation and energy efficiency.
- R+D+i Support.
- Funding.
- European projects office.

10 KEY PLAYERS

- BJB PROCESA *(Components).*
- CARANDINI *(Design and lighting products manufacture).*
- ETI SA. *(Design and lighting products manufacture)*
- LAMP LIGHTING *(Design and lighting products manufacture).*
- LEDS-C4 *(Design and lighting products manufacture).*
- LUTRON *(Lighting controls manufacturer).*
- NEXIA *(Design and technic lighting manufacture).*
- IGNIALIGHT *(Design, lighting manufacture).*
- AIRFAL *(Design and lighting systems manufacture).*
- VIBIA *(Design and lighting manufacture).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- INARA: European project focused on technology transfer of solar lanterns in Lebanon.
- Barcelona Light Centre: international centre on lighting.
- Lighting Design Week

catalonia clusters | ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence

ciac
Clúster de la Indústria d'Automoció de Catalunya

www.ciac.cat

AUTOMOTIVE INDUSTRY CLUSTER
CIAC

Ferran Verdejo
Cluster Manager
ferran.verdejo@ciac.cat
934 767 257
608 746 747

Josep Nadal
Project Manager
josep.nadal@ciac.cat
934 767 257
686 789 311

OVERALL TURNOVER (M euros): Més de 20.000 M €
NUMBER OF MEMBERS: 189 members
OVERALL NUMBER OF EMPLOYEES: Més de 40.000 employees

YEAR OF ESTABLISHMENT: 2013
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
☐ 100 to 200
✓ more than 200

DESCRIPTION OF THE CLUSTER

The Automotive industry cluster is a non-profit association of companies with R&D activities related to the automotive industry located in Catalonia.

The main objective of the association is to strengthen competitiveness of the automotive industry as the driving force of the Catalan economy. To achieve it, we have designed a strategic plan with a series of short, medium and long term objectives, to ensure its development in the new global industrial sector.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Reindustrialise automotive sector in Catalonia.
- Territorial cooperation in order to have competitive advantage abroad
- Identify technologies where we can be competitive.
- Improve professional work force (From professional trainings to top management).
- Achieve a representative amount of associates from the sector.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

Develop joint projects together with the following commissions: Training, Competitiveness, Technology, Logistics, E-Mobility and Sustainability.

We offer training, purchasing and process improvement services to our members.

10 KEY PLAYERS

- DOGA *(Components manufacturer).*
- FAURECIA *(Components manufacturer).*
- FICOSA *(Components manufacturer).*
- GESTAMP *(Components manufacturer).*
- MMM *(Components manufacturer).*
- NISSAN *(Vehicle manufacturer).*
- SEAT *(Vehicle manufacturer).*
- IDIADA *(Engineering, design, testing and homologation services).*
- TRETY *(Components manufacturer).*
- ZANINI *(Components manufacturer).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Transversal projects for our members: Industrial gap analysis; Megatruck: transportation optimisation; Automotive Bachelor's Degree
- Internal matchmaking, round tables…
- Auto Meeting

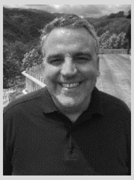
catalonia clusters | ACCIÓ Generalitat de Catalunya

AEI agrupaciones empresariales innovadoras minetur

BRONZE Cluster Management Excellence

www.catalonialogistics.com

TRANSPORTATION AND LOGISTICS CLUSTER
CATALONIA LOGISTICS



Ramon Cosialls
Cluster Manager

ramon@catalonialogistics.com
610506850

OVERALL TURNOVER (M euros):
1.134,1 M €
NUMBER OF MEMBERS:
37 members
OVERALL NUMBER OF EMPLOYEES:
6.474 employees

YEAR OF ESTABLISHMENT:
2016
CLUSTER MANAGEMENT BUDGET:
✓ up to 100
☐ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

Catalonia Logistics Cluster is an association of entities and companies in the transport and logistics sector that aims to im prove the competitiveness of its members through cooperation, innovation and internationalization. Exports and e -commerce have a very significant impact in our sector that shows two-digit growths, which accounts for the 14% of the GDP and almost 100% of the partners with international activity.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Internationalisation outside Europe.
- Favour the transition towards the Cluster's challenges: Logistics 4.0, last-mile, etc.
- Develop joint business with other sectors.
- Visibility and funding for our start-ups.
- Promote multimodal transportation (air, sea and rail).

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Internationalisation and opening of new markets.
- E-commerce solutions.
- Solutions for urban goods distribution and urban mobility in general.

10 KEY PLAYERS

- SALVAT LOGISTICA *(Freight forwarder).*
- CALSINA CARRÉ *(Logistics operator).*
- SEUR *(Courier).*
- ARA VINC *(Courier).*
- CENIT *(Transportation Innovation Centre).*
- DB SCHENKER *(Logistics operator).*
- SAMA GROUP *(Logistics operator specialised in large amounts)*
- SERVETO *(Logistics operator).*
- TAE TRANSPORTS *(Logistics operator specialised in large amounts).*
- NEKTRIA *(Start-up).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Asia-Link programme: 3-year European programme between the European Commission and China about sustainable cities.
- Experience benchmarking and tendencies of urban distribution in Europe and in the USA.
- Marketplace of idle warehouses.
- Smart parking pilot project.
- Study on logistics solutions for Mercabarna.

catalonia clusters | ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence

www.clustermav.com

ADVANCED MATERIALS CLUSTER
CLÚSTER MAV

Selection process	**OVERALL TURNOVER:** 1.068 M € **NUMBER OF MEMBERS:** 40 members **OVERALL NUMBER OF EMPLOYEES:** 6.022 employees	**YEAR OF ESTABLISHMENT:** 2015 **CLUSTER MANAGEMENT BUDGET:** ✓ up to 100 ☐ 100 to 200 ☐ more than 200

DESCRIPTION OF THE CLUSTER

The Advanced Materials Cluster gathers 40 companies and agents that share a common technological base focused on advanced materials and their productive processes (metallic, composite, polymeric materials and ceramic). The cluster promotes initiatives aimed at boosting this business and stimulating and exploiting synergies between members and related sectors. It also provides strategic and technological information for its members in order to improve their competitiveness, as well as to generate proposals and enhance collaboration opportunities.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Market intelligence (purchase criteria).
- Generate project with clusters (demand).
- Visibility.
- Organisational consolidation and member increase
- Develop collaboration projects
- Bring together abilities, technologies and services
- Promote sustainability
- Design and elaboration of an internationalisation plan for the cluster.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Development and knowledge on materials and productive processes.
- Technology transfer projects

10 KEY PLAYERS

- AMES *(Synthesized).*
- ENGICOM *(Composites-engineer).*
- FRANCSICO ALBERO SAU *(Ceramics).*
- INSTITUT CATALÀ DE NANOTECNOLOGIA *(Nanotechnology).*
- EURECAT *(Materials research).*
- MATERFAD *(Materials Centre).*
- OXOLUTIA *(Nanostructures).*
- PLASGOM *(Polymers).*
- PROMSA *(Compounds).*
- REFISA *(Compounds).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Creation of a new material together with Plasgom & Lubrizol.
- Collaboration with Bosch i Gimpera and HP in 3DPrinting technology
- Intercluster projects related to nanotechnology and 3D Printing
- Positioning in the Catalonia Hub3D print

catalonia clusters ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence

FEMAC

www.femac.org

AGRICULTURAL PRODUCTION MEANS CLUSTER

FEMAC

Enric Pedrós
Cluster Manager
femac@femac.org
973 224 921
666 469 230

Elisabeth Molina
Project Manager
international@femac.org
973 224 921
659 887 691

OVERALL TURNOVER (M euros): 1.565 M €
NUMBER OF MEMBERS: 52 members
OVERALL NUMBER OF EMPLOYEES: 7.900 employees

YEAR OF ESTABLISHMENT: 1997
CLUSTER MANAGEMENT BUDGET:
✓ up to 100
☐ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

After more than one decade, FEMAC has decided to integrate a Smart Specialization Strategy in the Cluster to better respond to complex agricultural development challenges through the following approaches:

- Rejuvenating farm machinery sector through higher value-added activities and new market niches;
- Modernizing by adopting and disseminating new technologies (KETs) like photonics, electronics and GIS & GPS
- Developing new economic activities through radical technological change and breakthrough innovations; and
- Exploiting new forms of innovation such as open and user-led innovation, social innovation and service innovation.

To be able to carry it out, in 2015, FEMAC launched a new Strategic Plan to become the Agricultural Production Means Cluster, including other sectors related to the same agricultural value chain, not only to gain enough critical mass as a cluster but also to improve its connections and cooperation with other regions, clusters and innovation players.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

To develop and execute projects that combine their members' capacities and vision with the research of sustainable solutions for a global agriculture.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Technology watch.
- *Strategic sessions.*
- *Business missions.*
- *Export groups.*
- Innovation projects management.
- International collaboration.
- Technology transfer.
- International consortiums.

10 KEY PLAYERS

- AGROPIXEL, SL *(Optics technologies).*
- ARCUSIN, S.A. *(Agricultural machinery).*
- ILERCIM S.L *(Electronics).*
- GREEN SMART DATA S.L. *(Sensors).*
- ITC, S.L. *(Agricultural machinery).*
- JYMPA 1978, S.L. *(Agricultural machinery).*
- MAQUINÀRIA AGRICOLA SOLA, S.L *(Agricultural machinery).*
- AGROPTIMA *(software).*
- VIGERM, S.L. *(Agricultural machinery).*
- BAYER CROPSCIENCE *(Plant-protection products)*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

Digital Farming HUB: is it a support service that helps agricultural companies to be more competitive by improving their production/business processes and services through digital technology.

Manure Market Place: Design of an innovative technological solution easy to use in order to create a meeting place between offerors – breeders – from animal unutilised subproducts and potential consumers – farmers – for its usage as organic fertiliser.

Robotrim: design, produce and build a mobile robot to prune vineyards, incorporating different sensors and actuators and facilitating its autonomous utilization and its interaction with the environment. One of the main tasks will be the design and the algorithm programming.

catalonia clusters | ACCIÓ Generalitat de Catalunya

AEI agrupaciones empresariales innovadoras minetur

GOLD Cluster Management Excellence

cenfim
Innovació en hàbitat

www.cenfim.org

FURNITURE CLUSTER
CENFIM

Joaquim Solana
Cluster Manager

joaquim.solana@cenfim.org
977 570 122
607 821 910

Toni Zaragoza
Project Manager

antoni.zaragoza@cenfim.org
977 570 122
648 743 312

OVERALL TURNOVER:
1.619 M €
NUMBER OF MEMBERS:
88 members
OVERALL NUMBER OF EMPLOYEES:
6.584 employees

YEAR OF ESTABLISHMENT:
2007
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
☐ 100 to 200
✓ more than 200

DESCRIPTION OF THE CLUSTER

CENFIM has as a mission to promote business competitiveness in the wood and furniture sector and other habitat sectors: lighting, home textiles, decoration, flooring, home automation ...
It was established in 2007 as a private non-profit foundation and its main objectives are: the promotion and management of innovation projects, the implementation of collaborative activities between associated companies, the provision of services and the detection of training needs and personnel.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

1) Take advantage of economies of scale and synergies deriving from product complementarity in the habitat sectors. Orientation to the promotion of specialized product according to:
- Contract channel: marketplaces, showrooms, export groups.
- Retail channel (B2C platforms).
2) Digitization along the value chain: design, manufacture and sales and product functionalization (IoT).
3) Promotion of sustainability in processes and products as a n innovation driver.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

Depending on the activity area of the company:
- SALES: Promotion and management of collaborative activities for joint marketing of products (contract channel, retail channel).
- MARKETING: Digitization of marketing: e-commerce, brand promotion in social networks, augmented and virtual reality.
- PRODUCT IDEATION: design thinking, ecodesign, trends.
- MANUFACTURE: Industry 4.0 (technologies and prospective), smart products (IoT).

10 KEY PLAYERS

- *GABARRÓ, SL (Carpentry and pavement)*
- FUSTERIA GURDÓ, SL *(Home furniture).*
- *MOBICENIA, SL (Hotel furniture).*
- *GRUPO ALVIC, SA (Production of furniture: kitchens and office)*
- *MURTRA, SA (Household textile manufacturing and distribution)*
- *GRUPO ROJAS (Hotel furniture).*
- MADERSÉNIA, SL *(Manufacture of furniture for groups and auxiliary furniture industry).*
- ROS 1, SA *(Home furniture).*
- TEGARMOBEL, SL *(Home furniture).*
- TOBISA FABRICA MUEBLES, SL *(Home furniture).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- INTERIHOTEL - www.interihotel.com Marketplace for hotel interior design equipment.
- WEcontract – www.wecontractbcn.com Collaborative promotion of companies through contract channel: Barcelona Showroom
- DIGIT-FUR - www.digit-fur.eu Technological prospective of digitalisation in the furniture in 2025.

catalonia clusters | ACCIÓ Generalitat de Catalunya
AEI minetur agrupaciones empresariales innovadoras
BRONZE Cluster Management Excellence

FASHION TEXTILES CLUSTER
MODACC

www.modacc.cat

David Garcia
Cluster Manager

dgarcia@modacc.cat
☎ 934 151 228

Susana Barasoain
Project Manager

sbarasoain@modacc.cat
☎ 934 151 228

Lidia Morcillo
Project Manager

lidia@fitex.es
☎ 934 151 228

OVERALL TURNOVER (M euros): 1.759 M €	**NUMBER OF MEMBERS:** 140 members	**OVERALL NUMBER OF EMPLOYEES:** 8.600 employees	**YEAR OF ESTABLISHMENT:** 2011	**CLUSTER MANAGEMENT BUDGET:** ☐ up to 100 ✓ 100 to 200 ☐ more than 200

DESCRIPTION OF THE CLUSTER

Modacc in an association with the aim to increase businesses competitiveness of the textile, apparel and fashion industry in Catalonia. Our mission is to boost business competitiveness of the textile-fashion sector and to offer valuable assets to the firms and professionals in the sector; trough individual and collective.

Main values: vision, cooperation and dynamism.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Internationalisation (purchase and sale)
- Re-Industrialization.
- Digitalization of design industries
- Promotion of sustainability and circular economy of design industries

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- International support services; Missions, Promotion Trade offices, tradeshows, consultancy, etc.
- Local manufacturing management services.
- Co organization and promotion of the Barcelona Fashion Week & 080 Barcelona Show Room.
- Networking (national and European projects).
- Specialised sectoral training and knowledge transfer sessions.

10 KEY PLAYERS

- BOBOLI (*Children's wear*).
- LEBOR GABALA (*Designer*).
- ESCUELA SUPERIOR DE DISEÑO Y MODA FELICIDAD DUCE (*Design school*).
- ESCORPION (*Women's wear*).
- FITEX (*Technology centre*).
- LOGISFASHION (*Textile logistics*).
- PUNTO BLANCO (*Underwear*).
- ROSA CLARÀ (*Bridal's wear*).
- HALLOTEX (*Production manager*).
- TEX51 (*Knitwear Integrated Services*).
- SSI SCHAEFER (*Storage services*).

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- International platforms (Scandinavia, Asia, USA and online platforms)
- Design industries release.
- 080 Barcelona Fashion and Show Room for international buyers at the 080.

www.ainscluster.cat

CLÚSTER NUTRICIÓ I SALUT
AINS

Margarida Colet
Cluster Manager

info@ainscluster.cat
977 300 304
618 414 023

OVERALL TURNOVER: 3.321 M€
NUMBER OF MEMBERS: 44 members
OVERALL NUMBER OF EMPLOYEES: 10.500 employees

YEAR OF ESTABLISHMENT: 2010
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

Since 2010, AINS, the Cluster of Nutrition and Health, was created in 2010 to contribute to the innovation within the Spanish food sector in the field of healthy and functional foods, and increase its competitiveness through shared strategies that generate knowledge and innov ation flows.

MAIN STRATEGIC WORKING AREAS

- Promote preventive and nutrition health through food, by focusing on improving conditions of consumers derived from their aging and specific pathologies.
- Research of new ingredients and innovative products that bring an improvement in nutrition and health to society in order to offer a personalized diet.
- Increase food safety and minimize toxicological risks in the production and processing chain.
- Application of new technologies to achieve internet of we ll-being related to nutrition and health.
- Promote circular economy and sustainability in the field of nutrition and health.
- Monitor consumption trends and promote responsible consumption in the field of nutrition and health.
- Promote specialized training in food innovation
- Promote collaborative projects among business, scientific community, technology centres and Tecnio centres.

WHAT OUR CLUSTER OFFERS *(main areas of expertise)*

- Expertise in the validation of healthy properties/biological activity of ingredients and bioactive compounds
- Development of new healthy foods (next generation of functional foods and dietary supplements).
- Information on nutrition and health trends, distribution and internet of well -being, marketing, monitor health and healthy environments.

10 KEY PLAYERS *(name and descriptive keyword)*

- ANDRÉS PINTALUBA *(animal nutrition).*
- ACTIVA MUTUA *(occupational health).*
- BIOIBÉRICA *(ingredients).*
- BORGES *(oil & nuts).*
- CALIDAD PASCUAL *(animal and vegetal milk).*
- EUROPASTRY *(frozen bread dough).*
- INDUSTRIAL TÉCNICA PECUARIA *(animal nutrition).*
- LABORATORIOS ORDESA *(infant nutrition).*
- MOLEVA *(Juices, flavourings & food additives).*
- CARINSA *(flavourings & food additives).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- New ingredients.
- Sports nutrition: seniors/segments with special needs.
- Revaluation of by-products.
- Customized health surveillance platforms.
- Sustainability.

CLÚSTER PACKAGING

PACKAGING CLUSTER

PACKAGING CLUSTER

www.packagingcluster.com

Àlex Brossa
Cluster Manager

abrossa@packagingcluster.com
937 882 300
636 578 656

Mar Bonet
Project Manager

mbonet@packagingcluster.com
937 882 300
608 286 610

OVERALL TURNOVER (million €): 7.100 M€

NUMBER OF MEMBERS: 60 members

OVERALL MEMBERS OF EMPLOYEES: 40.000 employees

YEAR OF ESTABLISHMENT: 2012

CLUSTER MANAGEMENT BUDGET:
- ☐ up to 100
- ☐ 100 to 200
- ✓ more than 200

DESCRIPTION OF THE CLUSTER

PACKAGING CLUSTER groups companies and other agents working in the packaging machinery industry with a strong specialization in food packaging. This business association is addressed to companies included in the value chain of packaging, such as material manufacturers, films, inks, printers, accessories, automatic loading and unloading, packaging machines, labelling and the end user.
Our mission is to increase the competitiveness of the sector at the national and international levels. Looking for strategic challengesin group and running actions consistent with the strategy. This will be supported through projects, research, inter -cluster workshops, networking, commercial cooperation/internationalization and promotion, among others.

MAIN STRATEGIC WORKING AREAS

- Sustainable packaging. Smart and active packaging. Improvement of food safety.
- Reduce the high amounts of food scraps. Longest expiry date.
- Promote interaction between the members of the value chain and others
- Clusters worldwide, especially of packaged goods, to articulate innovation projects
- Opening to new markets: internationalization
- Positioning of the cluster at the local and at the international level
- Flexibility of production processes. Automation. Industry 4.0

WHAT OUR CLUSTER OFFERS *(main areas of expertise)*

- Flexible packaging.
- Innovative, packaging solutions, especially for the food sector (large volume, lots of regulation, innovation and competitive cost).
- Specialized suppliers that cover the entire value chain: from raw material to final brands

10 KEY PLAYERS *(name and descriptive keyword)*

- KAO CHIMIGRAF *(dyes)*
- MENSHEN *(injected plastic solutions)*
- DS SMITH *(containers and packaging)*
- PACKINTUBE *(industrial cardboard tubes)*
- NESTLÉ *(food and beverage)*
- CARINSA *(Flavours, fragrances and prepared)*
- ARANOW *(Stick pack and flat sachet packaging)*
- LEITAT/BIP *(Technology Centre / Packaging Institute)*
- ENPLATER *(Printing flexible packaging)*
- BOSSAR *(Flexible packaging machinery)*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- **BSR:** Project with AINS and the food Danish cluster and Swedish packaging cluster. Three sessions (Barcelona, Malmö and Copenhagen).
- **Development of sustainable meat sector packaging:** Single component packaging project with companies from the pork meat cluster. Funded by ARC
- **Industrial symbiosis with the textile sector:** Analysis of waste from both value chains and proposals to convert them into a resource Funded by ARC

catalonia clusters | ACCIÓ Generalitat de Catalunya

AEI minetur agrupaciones empresariales innovadoras

BRONZE Cluster Management Excellence

catalonia gourmet www.cataloniagourmet.cat

GOURMET PRODUCTS CLUSTER
CATALONIAGOURMET

Marta Amorós
Cluster Manager

gerent@cataloniagourmet.cat
625 281 200

OVERALL TURNOVER:
380,4 M €
NUMBER OF MEMBERS:
49 members
OVERALL NUMBER OF EMPLOYEES:
3.100 employees

YEAR OF ESTABLISHMENT: 2010
CLUSTER MANAGEMENT BUDGET:
✓ up to 100
☐ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

Clúster Gourmet de Catalunya was born with the main objective of promoting and contributing to the competitiveness of the Catalan premium food and beverage sector. This goal is achieved by creating a joint image of gourmet quality products, increasing the degree of internationalization, innovating and creating new direct channels with customers as well as attracting new consumers. The cluster's value chain includes suppliers of raw materials, packaging, processors, HORECA channel, distributors, retailers, cooking schools, universities and technology centres in the food sector, specialized media, and services for the food industry.
The strategic axes are the following: to position the Cluster and its brands as referents in the sector, to liaise strategic sectors such as tourism and gastronomy, and to promote internationalization and innovation.
The main lines of work are the joint promotion of the products in both local and international markets, as well as the identi fication and development of other joint synergies (distribution, commercial network, joint innovation, shared export expenses, training, market knowledge, etc.).

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Internationalisation.
- Open to new clients and sales channels.
- Product positioning and marketing
- Trainings, networking and exchange of information.
- Development of products according to tendencies.
- Industrialisation of the production process maintaining product quality.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Platform for the joint promotion of brands and their associates: B2Bs and B2Cs.
- Under the brand CATALONIA GOURMET, positioning in new channels and markets.
- Constant dialogue with the final consumer via social networks

10 KEY PLAYERS

- AIGUA DE SANT ANIOL *(Water).*
- ALEMANY *(Nougat and Honey).*
- BETARA *(Cheeses).*
- *CETT (Culinary Institute).*
- EMBOTITS SALGOT *(Cured meats).*
- GALETES TRIAS *(Cookies).*
- CUINA (*Magazine*).
- MAS GOURMETS *(Retail gourmet).*
- *TORRONS VICENS (Nougat).*
- *UVIC (University).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Showroom CATALONIA GOURMET shop.
- CATALONIA GOURMET MARKET E-Commerce Project.
- Training: Business development programme for Gourmet companies in collaboration with UVIC.

catalonia clusters | ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence

KIDS RELATED PRODUCTS CLUSTER

KID'S CLUSTER

www.kids-cluster.com

Anna López
Cluster Manager
alopez@kids-cluster.com
663 873 618
935 157 100

OVERALL TURNOVER:
>2.500 M €
(La Caixa not included)

NUMBER OF MEMBERS:
62 members

OVERALL NUMBER OF EMPLOYEES:
>21.000 employees

YEAR OF ESTABLISHMENT:
2010

CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The initiative groups infant products companies in Catalonia to articulate actions for strengthening their competitive positi on and thus enable the development of products and services that contribute to the conditions for the proper development of childre n in all aspects. The initiative is open to companies and other private and public entities in Catalonia whose activity is related to the child ren's segment (between 0 and 12 years).
The initiative includes a very wide array of companies (food, toys, publishing, etc.) and other agents and institutions whose activities are mainly devoted to children's products and services.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

The cluster seeks to position Catalonia as a sensitive and innovative environment focused on:

1) Understanding market and channels: a) Accessing information about the aspirations of our public. b) Boosting the omnichannel as an added value. c) Detecting the most suitable markets.
2) Support the development of new products and services: a) Incorporate technical advances, increasing the user experienceand functionalities, expanding its value with brands and licenses. b) Considering the integral development of children and their upbringing. c) Facilitating a collaborative and strategic networking.
3) Extend support to learning: a) Strengthening the link with the education sector for joint contributions. b) Developing learning products and services aligned with the new educational paradigm. c) Boosting the definition of spaces and experiences for children.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- 5 years of expertise in facilitating collaboration among companies oriented to the kid's market.
- Transversal ecosystem of companies oriented towards childhood
- Strategic knowledge of the sector.
- Approaching companies and schools.

10 KEY PLAYERS

- ABACUS SCCL *(Distribution).*
- TV3 *(Audio-visual media).*
- PLANETA JUNIOR *(Llicensings).*
- EDUCA BORRÀS SA *(Toys).*
- GRUP Edebé *(Books and school supplies).*
- HOSPITAL SANT JOAN DE DÉU *(Health).*
- ZOO DE BARCELONA I TIBIDABO. *(Leisure area).*
- JOVI SA *(Publishers and school supplies).*
- SERHS HOTELS *(Family tourism).*
- STAEDTLER *(Publishers and school supplies).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Study "La Família Que Ve" – tendencies of the future families in Catalonia
- Development of new experiences in the educational leisure environment
- Learning support – dialogs with the education sector

www.clustersalutmental.cat

MENTAL HEALTH CLUSTER

CLÚSTER SALUT MENTAL DE CATALUNYA

Marta Sánchez Bret
Cluster Manager

msanchezbret@clustersalutmental.com
936 302 653
609 331 570

OVERALL TURNOVER:
700 M €
NUMBER OF MEMBERS:
50 members
OVERALL NUMBER OF EMPLOYEES:
5.000 employees

YEAR OF ESTABLISHMENT:
2013
CLUSTER MANAGEMENT BUDGET:
✓ up to 100
☐ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The mission of the Cluster is to promote the generation of resources applied to the development of mental health in all secto rs, through the improvement of competitiveness of business and professionals, innovation, interdisciplinary collaboration and internationalization. Its goal is to become a confluence space with a major representation of agents from health, business, scientific, social, educator, etc. that cooperate to improve people's mental health. The cluster is considered as a geographic concentration of companies, services and institutions that share the strategic challenges of improving productivity, assistance, training, research, innovation and the creation of new companies through the promotion of synergies.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Assistance: develop transversal programmes to improve assistance processes.
- Innovation and training: Foster technology transfer in the mental health sector. Promote training activities on mental health and boost a specialized educational system.
- Research: Encourage international congresses related to mental health and promote the a pplication of ICT in the sector.
- Synergies: Signature of agreements of cooperation and integration in strategic technology networks in the country. Creation of conditions to favour business investment in the area of biotechnology, biomedicine and Medical devices.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Networking through the creation of a joint calendar for cluster events.
- Project promotion, alignment with possible funding sources
- Training: design and creation of joint programmes for professionals related to mental health
- Sectoral and international promotion.
- Communication: The cluster is also a social platform that facilitates and disseminates mental health problems, working on the normalisation among society and on the social inclusion

10 KEY PLAYERS

- ALTHAIA (*Hospital and foundation of comprehensive health services*).
- BENITO MENNI COMPLEX ASSISTENCIAL EN SALUT MENTAL *(Hospital and ambulatory care specialized in mental health).*
- STARLAB *(Research and applied neuroscience).*
- FUNDACIÓ ORIENTA *(Mental health care for children, young people and their families.)*
- AJUNTAMENT DE SANT BOI DE LLOBREGAT *(Local Administration)*
- *INSTITUT PERE MATA (Entity of mental health-research services)*
- LUNDBECK ESPAÑA, SA *(Global pharmaceutical company for the treatment of brain diseases).*
- PARC SANITARI DE SANT JOAN DE DÉU *(Hospital and ambulatory care specialized in mental health).*
- PARC DE RECERCA DE LA UAB *(Research park).*
- *OTSUKA (Global pharmaceutical company).*
- *CLÍNICAS CITA-CITA.i.O: (Clinics for treatment of addictions).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Assistance and research. Boos interdisciplinary/transversal projects on community healthcare area.
- Training and innovation. Creation of a working group focused on boosting projects on training and innovation
- Internationalisation. Creation of an internationalisation commission, fostering collaboration agreements with Asian agencies and cooperation agreements with Germany
- Boost Mental health ICT. Joint participation on health calls of proposals/technological mental health 4.0 Showr oom

catalonia clusters | ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence

PORK MEAT CLUSTER
INNOVACC

INNOVAC ASSOCIACIÓ CATALANA D'INNOV DEL SECTOR CARNI PORCÍ
www.innovacc.cat

Eudald Casas
Cluster Manager
eudald.innovacc@olot.cat
646 713 470

Mariona Pratdesaba
Project Manager
mariona.innovacc@olot.cat
☏ 972 272 597

OVERALL TURNOVER: 3.568 M €
NUMBER OF MEMBERS: 94 members
OVERALL NUMBER OF EMPLOYEES: 14.071 employees

YEAR OF ESTABLISHMENT: 2008
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

INNOVACC, is a business association that represents the cluster of the Catalan pork meat sector with 94 members, 76 companies -60 of which are SMEs- and 18 institutions. The main activity of INNOVACC is the promotion and support for the development of strategic collaborative projects in the pork meat sector, with the participation of its associates (livestock, slaughterhouses, spinning rooms, meat products producers and other sectors auxiliaries, such as genetics, feedstuffs, additives, machinery, laboratories, logistics, waste and by-product managers, etc.). The main lines of work are: 1) Promotion and coordination of innovation projects; 2) Promotion and coordination of R & D projects; 3) Support to the associates that organize conference s, seminars, etc.; 4) Support for partners that organize international missions; 5) Support to the associates that organize trainings; 6) Support to the partners that carry out lobbying actions.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

For its members: 1) Dialogue with the consumer; 2) Offer "healthier products"; 3) New export opportunities in overcrowded countries; 4) New products with a high added value; 5) Improve quality of products; 6) Increase sustainability, reducing the carbon footprint and water flow; 7) Avoid risk of food crises, increase life of products, etc.; 8) Increase knowledge for the sector; 9) Extension of internationalization; 10) Improve profit margins; 11) Offer more functional products.
For the cluster (up to 2019): reach 100 partners (more than 60 SMEs); achieve more than 50% of the overall turnover of pork meat industry in Catalonia; increase partners in the livestock sector; 3 people (INNOVACC Staff); cover 75% of the structure of the association through membership fees; involve > 90% of associated companies in, at least, one collaborative project; start 6 new collaborative projects every year.

WHAT THE CLUSTER OFFERS *(Main specialisation areas)*

- We are specialised in the preparation and development of R+D+i projects.
- Information for our members on the development of projects and other relevant topics in the sector, through the website, the monthly newsletter, the annual magazine, etc.
- Information on access to funding programmes for collaboration projects
- Dissemination of activities and sessions organised by companies and associated institutions

10 KEY PLAYERS

- BOADAS 1880, SA *(Meat products).*
- CÁRNICA BATALLÉ, SA *(Cutting plant).*
- EMBUTIDOS MONTER, SLU *(Meat products).*
- ESTEBAN ESPUÑA, SA *(Meat products).*
- PATEL SAU *(Slaughterhouse & cutting plant).*
- FRIGORÍFICS COSTA BRAVA SA *(Slaughterhouse & cutting plant).*
- GRUPO ALIMENTARIO ARGAL SA *(Meat products).*
- JOAQUIM ALBERTÍ SA *(Meat products).*
- NOEL ALIMENTÀRIA SAU *(Cutting plant & meat products).*
- CORPORACIÓN ALIMENTARIA GUISSONA SA *(Whole pork value chain).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

-Valuation of low commercial value proteins from sub and co-products of pig slaughterhouses
- 100% recyclable single-layer container for meat products.
- Innovative technology for the online control of quality parameters in hams and sausages.

[AEI] minetur agrupaciones empresariales innovadoras — catalonia clusters — ACCIÓ Generalitat de Catalunya — BRONZE Cluster Management Excellence www.secpho.org

OPTICS AND PHOTONICS CLUSTER
SECPhO

Sergio Sáez
Cluster Manager
sergio.saez@secpho.org
937 830 254

Rosa M. Sánchez
Innovation Manager
rosa.sanchez@secpho.org
937 833 664

Mariona Pedrós
Project Manager
mariona.pedros@secpho.org
937 833 664

OVERALL TURNOVER (M euros):	NUMBER OF MEMBERS:	OVERALL NUMBER OF EMPLOYEES:	YEAR OF ESTABLISHMENT:	CLUSTER MANAGEMENT BUDGET:
2.410.269.803 M €	69 members	15.163 employees	2009	☐ up to 100 ☐ 100 to 200 ✓ more than 200

DESCRIPTION OF THE CLUSTER

The initiative brings together companies and institutions working within the optics and photonics industries. SECPhO includes within its members' companies, research centres, institutions and universities from all over Spain, having also established a stro ng cooperative network with different photonics clusters around Europe.

SECPhO's objective is to generate business opportunities and participation in projects for its members.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Strengthen links with demand-side clusters, and more specifically, those related to biotechnology, aeronautics, medical devices, green energies and capital goods.
- Develop a brand strategy and enhance the cluster's international visibility.
- Focus on R+D profit analysis within corporate environments.
- Increase critical mass while getting closer to international leading users.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Intercluster methodology.
- European projects.
- Partner search.
- Internationalisation.

10 KEY PLAYERS

- FICOSA *(Production of automotive components).*
- HAMAMATSU PHOTONICS *(Distributor of photonic components).*
- RADIANTIS *(Manufacturer of scientific laser equipment).*
- IRIS *(R&D services and industry engineering).*
- VLC Photonics *(Design and production of integrated optics in chip).*
- MEDLUMICS *(Medical Devices)*
- MONOCROM *(Diode lasers and solid-state lasers)*
- SENSOFAR *(Optical profilometry equipment)*
- TRUMPF *(Medical Devices)*
- IMPETUX *(Optical force measurement systems for optical tweezers)*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- KNOWLEDGE MANAGEMENT. Development of a new technological knowledge exploitation system within the cluster
- CONECTION WITH THE HEALTH SECTOR. Development of the connections with the health sector
- ORGANIZATION OF CONNECTING R&D SESSIONS. Oriented to approach research groups to companies or technological transfer centres interested in transferring research to market.

EDUCATION-ICT CLUSTER
EDUTECH

edutechcluster

www.edutech.cat

Patricia Remiro
Cluster Manager

patricia.remiro@edutech.cat
935 951 424
647 804 585

OVERALL TURNOVER:
4.533 M €
NUMBER OF MEMBERS:
40 members
OVERALL NUMBER OF EMPLOYEES:
28.548 employees

YEAR OF ESTABLISHMENT: 2013
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

The Edutech Cluster is an association of Educational ICT and edtech companies that create technology-based products and offer services to enhance the teaching-learning process at non-university stages. The Cluster aims to design and implement initiatives to reinforce the competitiveness and business opportunities for companies in the ICT sector.

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

- Position as a referent on expertise in technology-based products and offer services to enhance the teaching-learning process at non-university stages
- Create new business opportunities in the education sector as well as to promote transversal offers for the sector.
- Favour internationalisation of the cluster and its capacity to export solutions in other markets.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Knowledge of the technological ecosystem in educational centres. Edutech aggregates publishing houses, platform and software developers, e-learning platforms, consulting, the whole ICT education value chain.
- Knowledge and dialogue with key stakeholders in ICT education sector.

10 KEY PLAYERS

- EDUCAIXA *(Education activities and resources).*
- CLICKEDU *(School Management Cloud).*
- COSPA & AGILMIC *(Academic management).*
- RO-BOTICA *(Educational robotics).*
- EPSON IBÉRICA *(Manufacturer).*
- ENTRESD *(Educational projects through 3D Printing).*
- MICROSOFT *(Educational software).*
- INNOVAMAT *(Mathematics learning).*
- DINANTIA (*Family-school communication app*).
- VICENS VIVES DIGITAL *(Digital educational resources).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- **ITWorldEdu Congress** – Main meeting point between the education sector and ICT companies. Round table with International and national experts are organised to show best educational practices (2017 edition: 769 attendees, 53 experts, 25 sponsors).
- **Joint participation to SIMO Educación** – Participation of 11 cluster members in the major educational technology fair at the national level with an EDUTECH booth.
- **Sessions with the education sector** – Working sessions with education centres. The main focus are the technological challenges related to innovation on education.

catalonia clusters | ACCIÓ Generalitat de Catalunya

BRONZE Cluster Management Excellence

www.innovi.cat

WINE AND CAVA CLUSTER
INNOVI

Clara Santamaria
Cluster Manager
csantamaria@innovi.cat
931 185 951
607 714 746

Mònica Monera
Project Manager
mmonera@innovi.cat
931 185 951
607 938 450

OVERALL TURNOVER: 2.259 M €
NUMBER OF MEMBERS: 53 members
OVERALL NUMBER OF EMPLOYEES: 13.400 employees
YEAR OF ESTABLISHMENT: 2009
CLUSTER MANAGEMENT BUDGET:
☐ up to 100
✓ 100 to 200
☐ more than 200

DESCRIPTION OF THE CLUSTER

INNOVI cluster is a non-profit organization that represents the Catalan wine industry. The initiative gathers companies and other agents operating in the wine industry. The cluster' goals are: promoting cooperation and synergies between companies and organizatio ns affiliated; promoting the exchange of scientific and technical knowl edge; defining policies and actions of common interest; increasing training for all levels; establishing strategic partnerships with other leading regions or international institutions; encouraging innovation; fostering distinctive quality and prestige of INNOVI and participation of affiliated companies in projects and international events

THE CLUSTER'S MAIN STRATEGIC CHALLENGES

The cluster's main strategic areas for 2017-2020:
- Sectoral strategy focused on R+D+I.
- Productive and logistic efficiency.
- Sustainability.
- Modernization of business structures and trainings .
- Market and final consumer development.

WHAT THE CLUSTER OFFERS (Main specialisation areas)

- Internal networking.
- Project platform: to boost R+D+I projects among members (identification and partner search, expertise, and R+D+i funding)
- Market intelligence: information on challenges, tendencies and knowledge transfer
- Trainings (courses, technical sessions and sessions on strategic topics for the sector)

10 KEY PLAYERS

- CODORNIU *(Producer and processor).*
- VINTACAP *(Provider).*
- GRAMONA *(Producer and processor).*
- JUVE & CAMPS *(Producer and processor).*
- ICSURO (Technology centre).
- IRTA *(Technology centre).*
- SUMARROCA *(Producer and processor).*
- LAVOLA *(Consulting – auxiliary services).*
- TORRES *(Producer and processor).*
- VALLFORMOSA *(Producer and processor).*

3 PROJECTS / ACTIVITIES UNDER IMPLEMENTATION

- Study on wine and cava consumption habits
- II Strategic Immersion (1st and 2nd of June): general meeting to identify challenges, knowledge transfer among members, group activities to discuss about strategic challenges.
- R+D+i projects: LIFE – Vineyards by heat: use of the remaining pods of pruning to allow them to dry and, once crushed, convert them into biomass; Ecorkwaste: use of cork to purify the wastewater of wineries and convert them into fuel to create gas. Pilot project s SISTEMIO (remote sensing system of mildew and oid); ECOLLEVAT: development of an ecological yeast. Cir cular economy project: System for collecting and recycling cork caps.