



towards a clean future

Clúster de la Indústria Química de les Illes Balears

 cliq^{IB}
www.cliqib.org

Joan Puig
President ClQIB



WELCOME TO CLIQIB

After over 30 years of co-operative work, the chemical sector of the Balearic Islands, along with the Innovation Institute of the Balearic Islands, started a new activity in 2010. The purpose of this co-operation was to take part in a sectoral analysis in order to set up an innovation cluster aimed at reinforcing the lines of cooperative work around three strategic axes: quality, innovation and environmental sustainability.

In early 2013, the Chemical Industry Cluster of the Balearic Islands (CLIQIB) became a reality. Thanks to an agreement with the technological park Parc Bit, a technical office was opened in this unique environment of Palma de Majorca, close to the University of the Balearic Islands (UIB).

The design and development of our first strategic plan for 2013-2015 aimed to bring the cluster closer to enterprises and provide it with content and services that could be used to promote competitiveness in a cooperative environment. At the same time, information, training and the connection with the development policies of the sector and the RDI of the community were at the core of CLIQIB's concept.

CLIQIB is made up of consultancy firms, knowledge centres, product and technology system manufacturers and distributors and other agents involved in our chain of value. We work using an approach based on the promotion of innovation and international expansion to develop solutions to be applied at a global level.

CLIQIB is a member of IB Clusters, the association of innovation clusters of the Balearic Islands, and has been awarded the Bronze Label of ESCA (European Secretariat for Cluster Analysis) for management excellence (European Cluster Management Excellence).

“Welcome to the future of sustainable tourism. Welcome to the hygiene and cleanliness of the future. (Towards a clean future)”



Joan M. Matas
Cluster Manager



Pilar Muntaner
Safety Adviser

An underwater photograph showing a dense field of Posidonia oceanica seagrass. The plants have long, green, blade-like leaves and are growing from a sandy seabed. Sunlight filters through the clear blue water from the top, creating a bright, shimmering effect. The background shows more seagrass extending into the distance.

Oceanic Posidonia is the lung and life source of the Mediterranean Sea. It is one of the oldest and largest specimens in the world with over 8 km of extension and 100,000 years old.

The Balearic Islands, located in the heart of the Mediterranean Sea, boast a leading position in the tourist industry. As a highly widespread sector, tourism is present in all continents and a key factor in the development of new destinations.

The Balearic chemical industry has accompanied the evolution of the tourist sector providing products and hygiene solutions. Now, innovation and excellence have come into focus thanks to CLIQIB.

We promote knowledge and support the internalisation initiatives of our member companies and cooperating entities. We intend to consolidate a sector with huge growth and innovation potential and to help increase its visibility.





CliQIB, A CLUSTER PROMOTED BY THE PRIVATE SECTOR



MISSION

CliQIB promotes business development through the exchange of knowledge and innovation, in compliance with European regulations



VISION

CliQIB intends to occupy a national leading position identifying projects to co-operate with tourist companies, knowledge centres and innovation entities, in order to find solutions to hygiene problems within the tourism sector



GOALS

- To manage the expansion actions of member companies of our cluster
- To organize and increase co-operation among the cluster members and with the tourism and scientific sectors
- To build up and consolidate the reputation of the cluster member companies in front of their end customers
- To contribute to the positioning of the Balearic Islands as a leading tourist destination



ENVIRONMENT

Member companies of the cluster have worked side by side with local hotel companies offering high quality services and guaranteeing safety and hygiene in their facilities.

CliQIB is a major player in the development of cluster policies of the region and in the innovation ecosystem

ELS NOSTRES REPTES



EXPANSION

We seek to explore new markets in search for industrialisation opportunities, hand in hand with the Balearic tourist industry



SUSTAINABILITY

We intend to contribute to the sustainability of the territory by providing eco-friendly products and solutions.



INNOVATION

We want to become pioneers in technological chemical solutions due to an appropriate test environment and the research of new and more sustainable models and processes for the tourist industry



TRAINING

We seek to move from the sale of products to the provision of comprehensive hygiene services for tourist companies





WE ARE EXCELLENT BRONZE LABEL CLUSTER

CliQIB has been awarded the Cluster Management Excellence BRONZE Label by the European Secretariat for Cluster Analysis (ESCA).

This certification acknowledges excellence in management and service provision. Additionally, this award puts our entity in a favourable position to participate in European projects and initiatives.



OUR SERVICES



INNOVATION

- Development of innovation projects for the chemical industry of the Balearic Islands
- Encouragement of entrepreneurship within the chemical sector
- Promotion of applied research and technology transfer



TRAINING

- Promotion training initiatives aimed at helping companies take their hygiene solutions to the market to target the tourist industry and related sectors



EXPANSION

- Market exploration to help member companies internationalise their hygiene solutions
- Participation in international cooperation projects



TECHNICAL OFFICE AND COMMUNICATION

- Examination of specific regulations and technical assistance for their implementation
- Dissemination of achievements of the sector to attain visibility



SOLUTIONS FOR TOURISM



WATER



HYGIENE



LOGISTICS



RESEARCH



OUR NETWORK

We build up co-operation networks to strengthen CLIQIB's strategic axes and foster the constant launch of new initiatives. We offer a cleaner future through open innovation systems with the purpose of facing the demand for technology solutions:

CLUSTERS:

- Beauty Clúster Barcelona
- Turistec
- Balears-T
- Clúster Català de l'Aigua
- Bioib

ACADEMIA:

- Centro Tecnològic de la Fundació per a la Formació i la Recerca
- Centre Tecnològic LEITAT
- Centre Tecnològic AINIA
- Institut Català de Recerca de l'Aigua
- FITRACE Grup de Recerca UIB
- Col·legi oficial de Químics de les Illes Balears

OTHER ENTITIES

- Fundació Bit
- SIAM Soluciones Informáticas Ambientales
- CEPESA
- TIRME
- Rambla Business Solutions
- Cambra de Comerç de Mallorca



WE ARE IB CLUSTERS

THE COLLECTIVE INTELLIGENCE OF THE INNOVATION
CLUSTERS OF THE BALEARIC ISLANDS

IB Clusters faces three specific challenges:

1. To support industrialisation policies of strategic economic sectors with the capacity to lead change.
 2. To design technology or knowledge based projects with driving and articulating capacity across different sectors.
 3. To help our region attain efficiency, competitiveness and positioning in 'the Europe of the Regions'.
-

IB Clusters

WE ARE WHAT WE DO



MATERIAL FLOW STUDY ON MAJORCA

This is a study focused on outlining a clear vision of crops and wastes on Majorca. This global image is used to analyse the possibilities of producing eco-friendly detergents within the framework of the project GLOCAL. GLOCAL is an ECOVER project funded by Forum for the Future and developed by the clusters BIOIB and BALEARS.T.



DISINFECTION OF RECREATIONAL WATER

This is a study about the basic features of the methods used to disinfect recreational water. This project proposal was led by CLIQIB and developed in co-operation with the UIB Department of Chemistry.

This project was jointly developed by the UIB Departments of Chemistry, and Biology and Microbiology. It also received support from a 'Special Research Action of the Government of the Balearic Islands.'



COST-EFFECTIVENESS STUDY ON DISINFECTION

This study was carried out to determine the cost-effectiveness relationship of several disinfection systems used in swimming pools.

This project was jointly developed by the UIB Departments of Chemistry, and Biology and Microbiology. It also received support from a 'Special Research Action of the Government of the Balearic Islands.'

“You can only move forward when you look away. One only needs to progress when you think big.”

José Ortega y Gasset



WE ARE WORKING ON THESE PROJECTS



SDS MOBILE

This is a comprehensive technology solution for the flow of information throughout the whole supply chain.

The project aims to bring all this information to users by reading QR codes.

It was funded by a grant of the Government of the Balearic Islands within the framework of line C of Innovation Projects.



BINDER

This is a viability study on saline water electrolysis plants to obtain sodium hypochlorite, a key element for water disinfection in the tourism sector.

This project was funded by a grant of the Government of the Balearic Islands within the framework of line C of Innovation Projects.

WE ARE WORKING ON THESE PROJECTS



LOGICC

This is a pilot study for the application of electric mobility in the logistics of chemical products on the Balearic Islands with a zero carbon footprint (innovation applied to processes).

This project is defined within the framework of Line B of the Innovation Projects of the Government of the Balearic Islands.



DISINFECTION USING ADVANCED HYDROLYSIS

The application of the ecological technology ABOT (Advanced Bi-polar Oxidation Technology) enables water disinfection, eliminating or reducing the use of chemical products that could be harmful to health and the environment.

This project was developed in co-operation with the Belgian company Hydrover.

WE ARE WORKING ON THESE PROJECTS



ANALYSIS OF FILTRATION SYSTEMS IN SWIMMING POOL AND SPAS

This is a pilot experimental study about the processes of washing and renovation of water in filtration systems. The study was carried out in co-operation with Saniconsult Ibérica S.L.

This project was developed within the framework of Line B of the Innovation Projects of the Government of the Balearic Islands.



SWIMMING POOL AND SPA INTERNATIONAL REGULATIONS

This project about swimming pool regulations and pool market analysis in the tourism sector was developed by Biolinea Internet S.L. It compared the different standards applied in a group of selected countries.

This project is defined within the framework of Line B of the Innovation Projects of the Government of the Balearic Islands.

ADVICE ON HYGIENE

QIBEX

This pilot project analyses the viability of marketing innovative knowledge as services (associated products) in foreign markets through umbrella branding. In this way, our member companies could attain a leading position as hygiene solution providers in the tourism sector in co-operation with Innobalears.

This project is defined within the framework of Line B of the Innovation Projects of the Government of the Balearic Islands.

QIBEX
advice on hygiene



EL FUTUR ES QIBEX



QIBEX GLOBAL

This is a company of hygiene management in hotel facilities with the aim to sell the knowledge of our cluster member companies in foreign markets.



QIBEX GREEN

Non-pollutant saline water electrolysis plant that aims to ensure the supply of strategic products used for potable water treatment and disinfection in the region.

EL FUTUR ES QIBEX



QIBEX LIVING LAB

A showroom to validate innovative technology and foster the transference of technology on swimming pool and spas.



QIBEX FORUM

We put forward as candidates to host the 8th International Swimming Pool and Spa Conference on Majorca, and a related event to show the innovative technology we are working on, relevant to the tourism sector:

CLUSTER ORGANIZATIONS

COMMITMENT AND COLLABORATION BY
TRIPLE HELIX BUSINESS-ACADEMIC ADMINISTRATION

COMERCIAL DISTRIBUIDORA PUIG

FUTURQUIMIA

INDUSTRIAS ARGUI

LEJÍAS C'AN VALERO

DETERGENTES BURGUERA

DETERGENTES LA PALMERA

ECOQUIMIC BALEAR

ROSA M^a JULIÀ FLAQUER
Y OTROS

AIGOCLOR

LEJÍAS OLIVES

KELKO QUÍMICA

DETERGENTES INSULARES

DISTRIBUCIONES AGUILÓ

GISPERT DEPURACIÓN
DE AGUAS

BALEARS ECOMÓN

DISTRIBUCIONES EUOPEAS

THINK COSMETICS

HIDROBALEAR

CASA GAILLARD

COMERCIAL PEDROSA

LLADOPOL

REPRESENTACIONES
SAN ANTONIO

ENOVAM PRO ENERGY

SALINAS DE LEVANTE

DISARP BALEAR

SERVMAR BALEAR

ACUAFIX

QUIMIOTEST

SANICONSULT IBÉRICA

ATA
TECNOLOGÍAS AMBINETALES

PREVERISK SERVICES GROUP

BIOLENA INT.

FUNDACIÓ BALEAR D'INNOVACIÓ I TECNOLOGIA

TIRME

UNIVERSITAT DE LES ILLES BALEARS

CENTRO TECNOLÓGICO DE LA FUNDACIÓ FFR

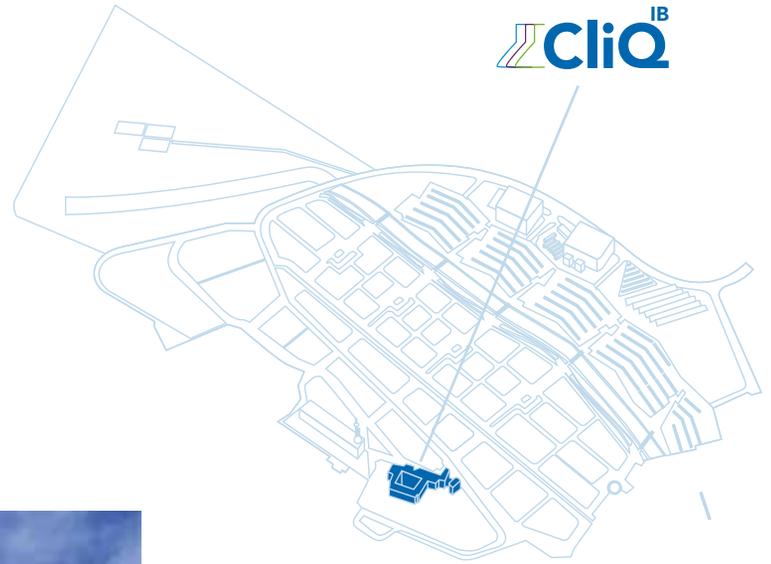
COL LEGI OFICAL DE QUÍMICS DE LES ILLES BALEARS

“Behind every entity, there are great professionals. These ones are ours.”

Junta directiva



LOCATION



PARC BIT: Parc d'Innovació tecnològica de les Illes Balears

Surface area: 1,400,000 m²

109 companies

An incubator of companies

40 projects of young entrepreneurs

It has the Innovation Unit for the consolidation of technology-based companies

IB



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O I CONSELLERIA
I INNOVACIÓ,
B RECERCA I TURISME
/ DIRECCIÓ GENERAL
INNOVACIÓ I RECERCA

una manera de hacer
europa 

Fondo Europeo de
Desarrollo Regional



Unió Europea