

CATALUNYA

WELCOMES...

Catalonia heads one of the largest sustained **economic growth** areas in the Mediterranean.

Catalonia's **strategic location** makes it the ideal launching pad for gaining entry into markets.

Catalonia has an extensive and modern technological and communication **infrastructure network**.

Catalonia offers a high level of **excellence and quality suppliers** and service providers.

In Catalonia you will find qualified, efficient, specialized and motivated **human resources**.

In Catalonia the availability of **multilingual**, cosmopolitan staff is combined with the ability to attract multinational **talent**.

A network of technology parks and research centres fosters innovative activities in Catalonia, where different companies are setting up research and design centres.

Catalonia boasts a stable institutional political system and benefits from a **stable currency** and the freedom of movement of people, goods, services and capital.

Catalonia is a very pleasant country to live in; Barcelona has consolidated its position as the leading European city in terms of **quality of life**.

The Catalan **government** lends support to both **business activity** and strategic change.

... YOUR CHEMICAL INDUSTRY

The **Catalonia Investment Agency** is a specialized area of the Catalan Government. With headquarters in **Barcelona**, an office in **Madrid** and branches in **New York** and **Tokyo**, the Agency provides advisory services and assistance adapted to the needs of companies interested in setting up or expanding their facilities in Catalonia.

An experienced, multidisciplinary and professional team will give its full commitment to your investment project and collaborate with your company before, during and after the implementation of your investment in Catalonia.

Our main objective is to attract investment projects to Catalonia, especially those economically and technologically sound that are expected to generate wealth and stable employment.

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WE LOOK FORWARD
TO WELCOMING YOU

INDUSTRY BROCHURES

- AUTOMOTIVE
- **CHEMICAL**
- DESIGN
- ELECTRONICS
- FOOD AND BEVERAGES
- ICTS
- LOGISTICS
- MEDIA
- PHARMA-BIOTECH
- RAILWAY
- RENEWABLE ENERGIES
- SHARED SERVICES CENTRES



IF YOU ARE
IN THE **CHEMICAL**
INDUSTRY,
CATALUNYA
OFFERS YOU
FIRST CLASS

► Spain is ranked 5th in Europe in terms of chemical production and 8th worldwide, after the United States, Japan, China, Germany, France, Italy and the United Kingdom.

► The Spanish chemical industry is made up of more than 4,000 companies with total sales of over €48 billion, i.e. 10% of all Spanish industrial sales.

► Catalonia accounts for 46.5% of total Spanish chemical production and Tarragona accounts for 25% of that total.

► In Catalonia, an extensive infrastructure network, including major ports and airports, allows for quick, efficient transport all over the world.

► Manufacturing in Catalonia is highly diversified and there is a strong demand for chemical products.

► Spaniards spend €1,065 per person per year on consumer chemical products.

CATALUNYA

CENTRE OF DYNAMIC ECONOMIC ACTIVITY

STRATEGIC GEOGRAPHIC LOCATION

EXTENSIVE INFRASTRUCTURE NETWORK

EXCELLENT SUPPLIERS

QUALIFIED HUMAN RESOURCES

MULTILINGUAL POPULATION AND TALENT

DESIGN, TECHNOLOGY AND INNOVATION

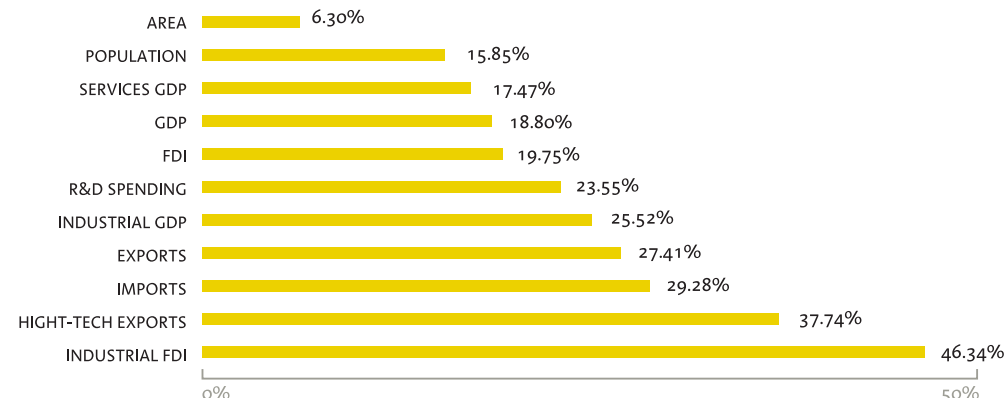
STABILITY AND REGULATORY FRAMEWORK

EXCELLENT QUALITY OF LIFE

PRO-BUSINESS GOVERNMENT



POPULATION	7 million: higher than that of Ireland.
AREA	32,106 Km²: similar to that of Belgium.
GDP	€169,855 million: similar to that of Denmark, and higher than that of Ireland.
GDP GROWTH	3.3%
GDP PER CAPITA	€24,843: similar to Germany's and higher than those of Portugal and Greece.
UNEMPLOYMENT RATE	7.5%
EXPORTS	€42,087 million: similar to Finland's and higher than that of Portugal.
IMPORTS	€67,748 million
R&D EXPENDITURE	1.4% of GDP
GDP	Agriculture (1,5%) Industry (22,1%) Construction (10,6%) Services (65%)

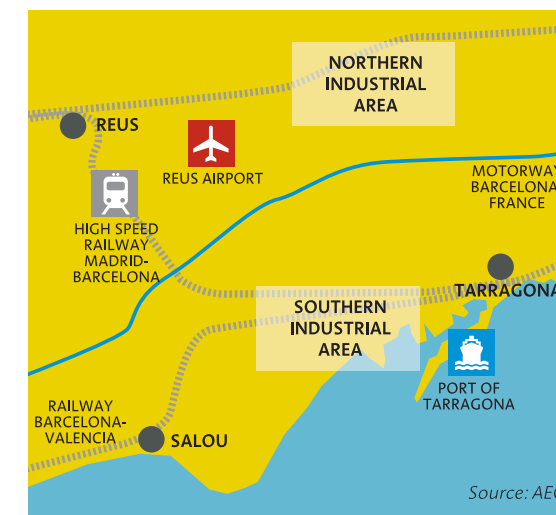


>1,400 ha of land, which is expected to be expanded with another 1,000 hectares.

>More than companies and almost 5,000 direct and 21,000 indirect jobs.

>Production of nearly 18 million tonnes for year, exports represent 30% of production.

NORTHERN AND SOUTHERN AREAS INCLUDE:
 Asfaltos Españoles SA, BASF Española SL, BASSELL POLEFINAS Iberica SA, BASF Catalyst Center, SL, BAYER Polimeros, BASF SONATRACH, Lustran Polymers, SL, CELANESE Chemicals Iberica SL, Industrias Químicas Asociadas LBS SL, MESSER Carburos SA, CLARIANT Iberica SA, ERCROS Industrial SA, Hércules Química, SA, DOW Chemical Iberica SA, KEMIRA Iberica SA, Productos Asfálticos SA, Terminales portuarias SL, Compañía Logística de Hidrocarburos SA, DOW Chemical Iberica SA, REPSOL PETROLEO SA, REPSOL QUÍMICA SA, CARBUROS METÁLICOS SA, VINILIS SA, Catalana de Tractament d'olis Residuals, SA, ENDESA Ciclo Combinado Tarragona SL, Terminales Químicas SA, Transformadora Etileno AIE.



Barcelona International Airport ranks the 9th airport in Europe.

Airport facilities in Reus and Girona.

Port of Barcelona, one of the leading ports in the Mediterranean and Southern Europe with one of the most advanced logistics platforms in the world.

Port of Tarragona, the driving force for the petrochemical cluster of the area, the largest in Southern Europe, with chemical products accounting for 60% of the total traffic.

The CHEMICAL TECHNOLOGY CENTRE will be located on the science-tech campus of Universitat Rovira i Virgili and its mission will be to create an innovative environment designed to foster regional and corporate competitiveness in the chemical industry and related sectors, and to create socio-cultural products and provide services. The university campus and park will cover an area of 500,000 m². The socio-cultural products and services section will have an area of 70,000 m² located along the sea coast in Tarragona.



>Barcelona's economic growth is well above that of the main European capitals. Barcelona is the 4th best European city in which to locate a business (Healey & Baker's European Cities Monitor, 2006): more than 30,000 companies are created annually.

>20% of the new businesses created each year in Spain are based in Catalonia, one of the most industrialized areas in Europe and one with a highly diversified array of industries.

>Catalonia is the leader in Spain in the chemical, pharmaceutical, packaging, food, automotive and consumer-electronics industries and home to strong emerging industries. Activities such as R&D, design and engineering, logistics and shared services centres are gaining ground.

>More than 3,000 foreign companies are currently operating in Catalonia (800 are in manufacturing): 40% have been doing it for more than 10 years.

>Catalonia accounts for 36% of total Spanish export companies and the Catalan economy is strongly internationalized: exports have more than doubled in the last ten years and one fifth of Catalan companies export regularly.

>In Catalonia there are 35,611 industrial establishments, nearly 250 professional and business associations, more than 2,500 consulting companies, 500 finance and insurance companies and 1,250 suppliers of services and logistics.

THE CHEMICAL INDUSTRY IN SPAIN

>Spain is ranked 5th in Europe and 8th worldwide in terms of chemical production.

>With 4,553 companies and 136,200 direct jobs, the Spanish chemical industry represents 14.6% of gross value added of industrial origin.

>It is the second-ranked export industry in Spain, with exports accounting for 51.6% of total production.

>It is the leader in R&D and innovation for private investment, with 25% of the Spanish total.

>By sub-sector, basic chemistry represents 40% of production, industrial chemistry accounts for 34%, and chemical products for human, animal and plant health account for the remaining 26%.

THE CHEMICAL INDUSTRY IN CATALONIA

>Catalonia accounts for 46.5% of the production of the Spanish chemical industry and approximately 50% of total Spanish chemical exports.

>By sub-sector, basic chemistry represents 49% of production, industrial chemistry accounts for 28%, and chemical products for human, animal and plant health account for the remaining 23%.

>Basic chemistry plays a key role in the petrochemical area of Tarragona in Southern Catalonia, which accounts for 25% of Spanish chemical production and is considered the most important strategic petrochemical hub in Southern Europe.

>44% of total plastics produced in Spain are manufactured at the petrochemical site in Tarragona.

MAJOR CONCENTRATION OF CHEMICAL COMPANIES

15 of the world's top 30 chemical companies are located in Catalonia:

Basf Española SL, Dow Chemical Iberica,SL, Bayer Hispania SL, Shell España SA, INEOS ABS (Spain) SL, Du Pont Ibérica SL, Grupo Total (Bostik, SA), Sabic Innovative Plastics Iberica SA, Azko Nobel Coatings SA, Sumitomo Chemical (Kenegard), Evonin Degussa Iberica SA, Huntsman Performance Products Spain SL, Solvay Química, DSM España SA, Abelló Linde SA, Basell Poliolefinas Iberica

Other companies include:

Aragonesas Industrias y Energia SA Carbuos Metálicos SA, Clariant Iberica Producción SA, Cognis Iberia SA, Cotyastor SA, Ercros Industrial SA, FMC Foret SA, Henkel Iberica SA, Kao Corporation SA, La Seda de Barcelona SA, Peguform Iberica SL, Pirelli Neumáticos SA, PPG Ibérica SA, Reckitt Benckiser SL, Sara Lee House and Body Care España SL, Unilever España, etc.

MAIN INVESTMENT OPPORTUNITIES IN THE CATALAN CHEMICAL INDUSTRY

>ENGINEERING AND SPECIALIZED PLASTICS
 Plastics have become the material of the 21st century. Demand is expected to increase by 30% in the next 5 years. The availability of a wide range of suppliers, as well as a considerable number of companies with which potential synergies can be obtained, makes Catalonia the ideal location for developing certain types of engineering parts and manufacturing special plastics.

>BIOFUEL
 In March 2007 the United Nations announced the launch of the International Biofuels Forum, a project aimed at promoting the sustained use and production of biofuels on an international scale. The use of biofuels in Spain is lower than the level set by the European Union. To achieve the objective of the Spanish government there are clear opportunities for business and bioethanol and biodiesel factories will have to be set up.

>R&D AND EXCELLENCE CENTRES
 A considerable number of companies, together with the availability of technology centres and universities, makes Tarragona an ideal place for setting up R&D and excellence centres in the chemical industry. Examples of this trend are Dow Chemical and BASF, which have sizeable sites in Tarragona.

>EMERGING HIGH-TECH INDUSTRIES
 Components for photovoltaic and photon energy. Nanotechnology will play a key role in the use of solar energy. Nanomaterials designed to replace silicon will make it possible to make use of infrared and ultraviolet radiation to generate energy. Other materials will provide for the direct production of hydrogen from sunlight using bio-inspired systems (that imitate nature).

>SHARED SERVICES CENTRES FOR CHEMICAL COMPANIES
 Barcelona has become the city where every company wants to set up a shared services centre. The presence of a major chemical industry in Catalonia is also attracting new investments from chemical companies, which opt for setting up financial, human resources and accountancy services with the aim of reducing costs and improving efficiency.



MAIN ASSOCIATIONS

>Catalan Chemical Industry Federation
www.fedequim.com

>Association of Tarragona Chemical Companies
www.aegt.com

>Business Federation of the Spanish Chemical Industry
www.feique.com

>Chemical Industry Observatory
www.mityc.es/observatorios

REACH: REGISTRATION, EVALUATION, AUTHORIZATION AND RESTRICTION OF CHEMICALS

To ensure a high level of protection of human health and the environment, the REACH regulation came into force on 1 June 2007. It requires some 30,000 chemical substances in use today to be registered over a period of 11 years, a process that will make it possible to fill information gaps on the hazards of substances and to identify appropriate risk-management measures to ensure their safe use. <http://reach.jrc.it>

INTERNATIONAL FAIRS

>Expoquimia:
 International Chemical Industry Exhibition
www.expoquimia.com

>Equiplast:
 International Exhibition of Plastics and Rubber
www.equiplast.com

>Eurosulfas:
 International Paint and Surface Treatment Fair
www.eurosulfas.com

