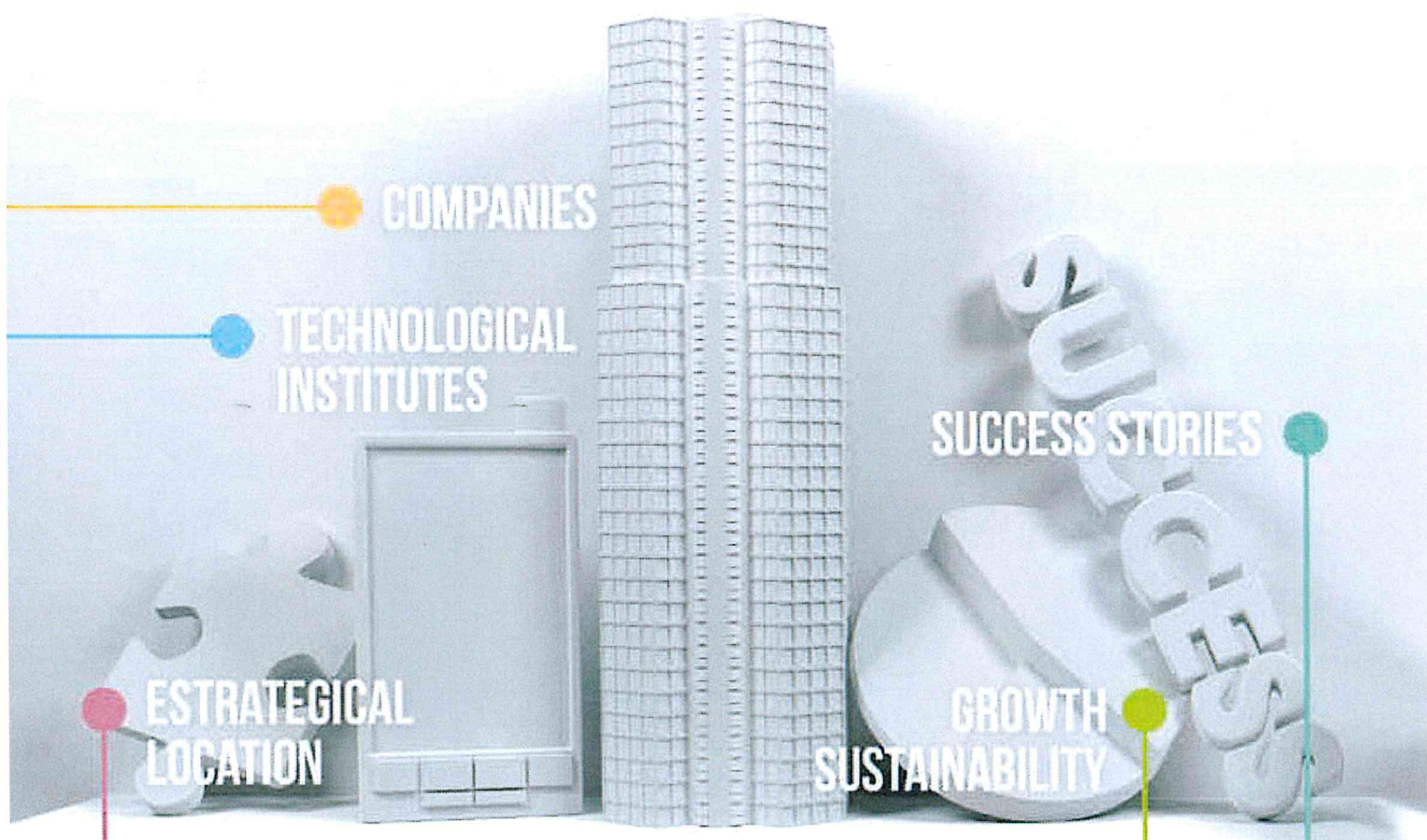


Publication for the promotion of R&D | Paterna 2013 | Valencia, Spain

PATERNA



COMPANIES

TECHNOLOGICAL
INSTITUTES

ESTRATEGICAL
LOCATION

SUCCESS STORIES

GROWTH
SUSTAINABILITY

LIVE, WORK AND ENJOY FREE TIME IN PATERNA

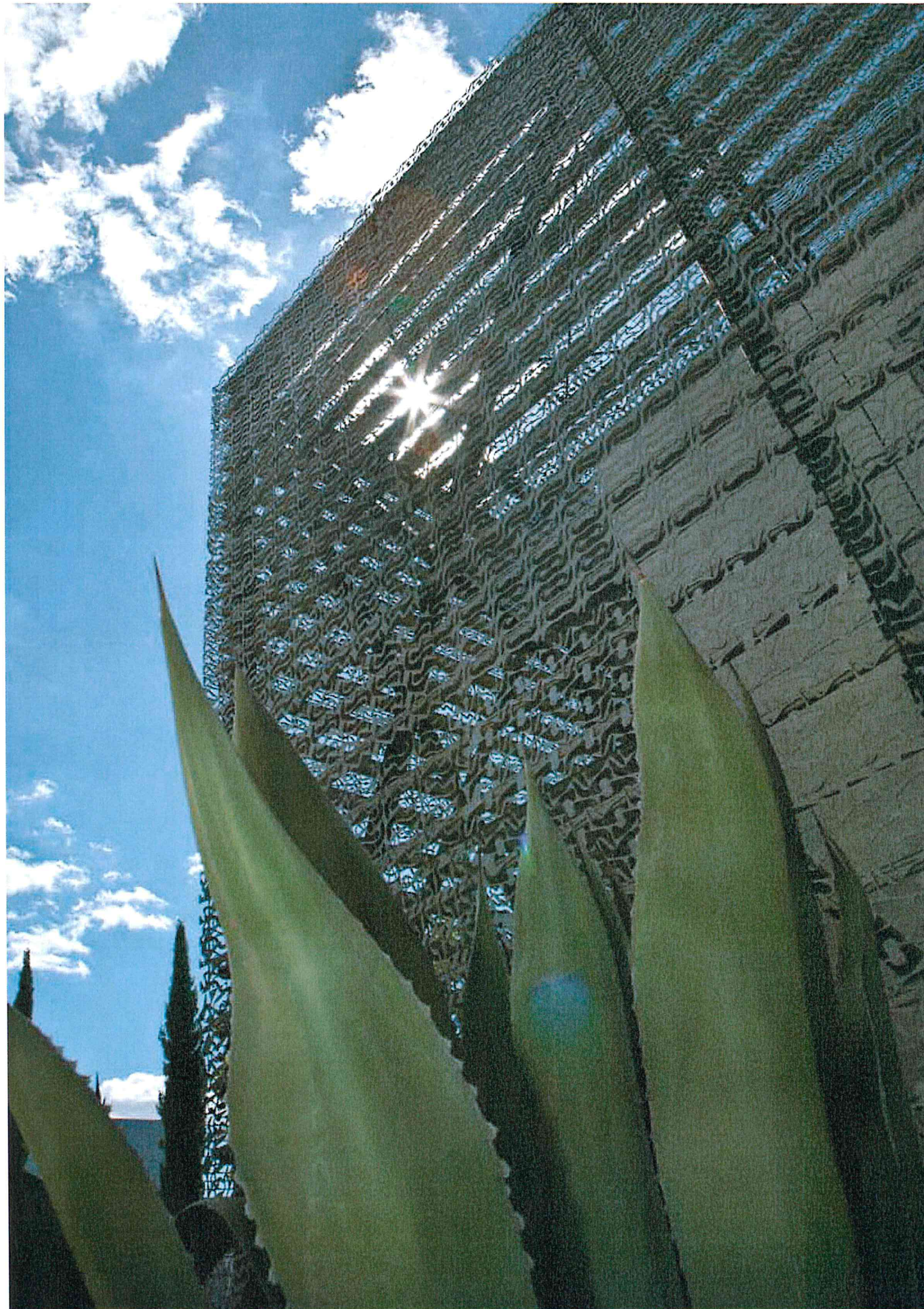
THE LAND OF OPPORTUNITY



ECONOMIC
DEVELOPMENT
AGENCY

PATERNA R&D | www.edapaterna.com
Publisher: Economic Development Agency - Paterna Town Council
Telephone: +34 961 10 18 15
Contact: Ms. Amparo Burgos, General Manager Director
amparo.burgos@edapaterna.es | Skype: edapaterna

Intellectual Property Rights Reserved





INDEX

5 PRESENTATION

Geographical situation
Communications
Economic Data

9 BUSINESS PARKS

Fuente del Jarro
Tactica Business Park
Technological Park
L'Andana
University of Valencia Science Park

14 BUSINESS INFRASTRUCTURES AND SERVICES

24 BUSINESS ORGANISATIONS

28 COMPANIES

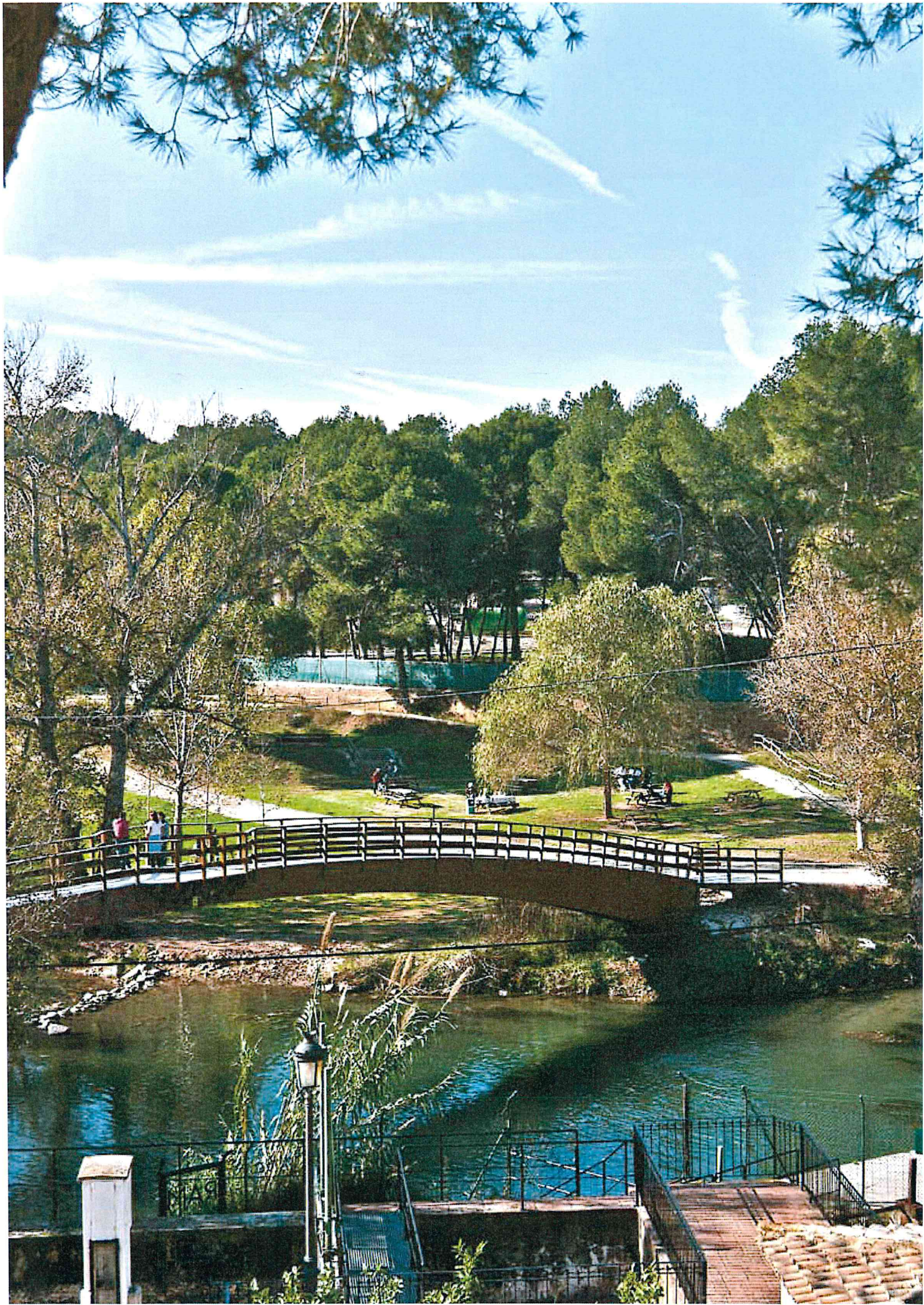
54 TECHNOLOGICAL INSTITUTES

66 SUCCESS STORIES

Heron City
Puerto Ademuz
Bauhaus
Carrefour Planet
Molino Real

72 ENVIRONMENT

Gastronomy
Nature
Sport



Paterna,

technological

heart

Paterna's strong and long-standing business tradition has turned it into the entrepreneurial and technological heart of the metropolitan area of Valencia, which, with 45 towns and two million inhabitants, has consolidated itself as the third largest business and demographic concentration in Spain.

Throughout its history, Paterna has been characterised by being an open and lively city, largely as a result of its peoples, their dynamism, their business skills, their industriousness and their determination to succeed. This town, therefore, is adept at transforming its resources and assets into competitive skills and sources of well-being, so converting them into the key factors of progress on which local development is based.

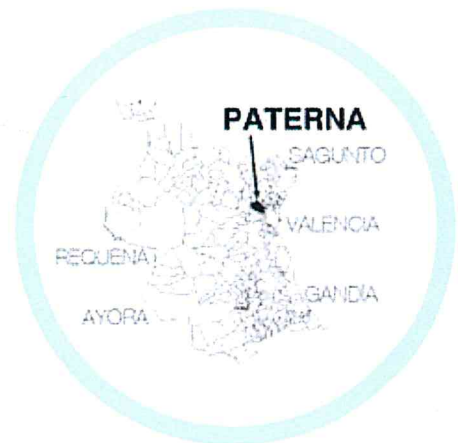
Paterna has important urban resources and assets, has modern infrastructures, facilities and services, and is pursuing an urban policy aimed at achieving a town model that will allow us to create several solid bases of economic growth and social development. Under this same premise, the Duty-Free Zone of the Valencia Region, which Paterna heads with its International Logistics Park, has been established so as to make

room for new business developments capable of driving the economic activity of the region and the country as a whole by opening up new paths towards the internationalization of national and foreign production.

Hence, Paterna is a modern and appropriate setting for any type of economic activity, enjoying several significant, if not outstanding, advantages of location that qualify it as a lively business town.

Geographical situation

Paterna is a city of 41 km², which makes it one of the largest in the metropolitan area and allows it to enjoy the benefits and advantages of a medium-sized city in full process of expansion.



Situated in the centre of the Valencia Region in the Western Mediterranean, it is on one of the main axes of European development. In recent years it has experienced a spectacular growth in population, now exceeding 67,000 inhabitants and making it the second most populated town in the region and one of the leading towns in the Valencia Region.

Communications

PATERNA ENJOYS EXCELLENT LAND, SEA AND AIR COMMUNICATIONS

It is only four kilometres away from Valencia airport, an important infrastructure for business and tourism that boosts economic development in the area and provides its industrial zones with an important competitive advantage.

The proximity to Valencia also allows it to use the services of one of the most important European ports, the leader in the Western Mediterranean in terms of containerized goods transport. Ten kilometres away

from the industrial zones of Paterna, it provides inter-oceanic maritime services both to countries in the South of Europe and the North of Africa, so covering a market of 234 million consumers. Likewise, the municipal area of the city has ten Metrovalencia stations, more than one thousand public bicycles, a bus line that covers the entire territory and four arterial roads that join the highways leading to the main cities of Spain.



HIGHWAYS



HIGH SPEED TRAIN

Presentation

Connections to strategic business hubs

Only 5 minutes away from the International Airport and the centre of Valencia.

15 minutes away from the Port of Valencia.

Direct road connections to Madrid, Barcelona, Alicante and Castellón (A7, A3, V-30, CV-35).

10 Metrovalencia stations, with more than one thousand public bicycles and a municipal inter-urban bus line.

10 minutes away from the high speed Valencia- Madrid train line (AVE).



PORT



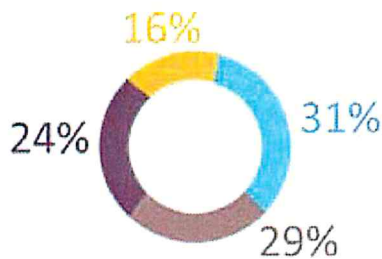
AIRPORT

Economic data

Paterna accounts for 21% of the economic activity of the district. The surface area dedicated to industrial use amounts to 14% of the total

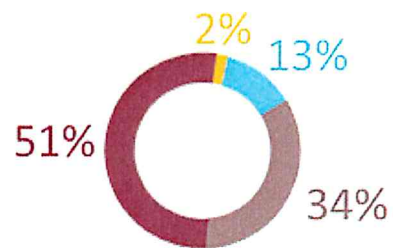
municipal area, more than 5.5 million square metres, making it one of the most important industrial towns in all Europe.

Economic Activities



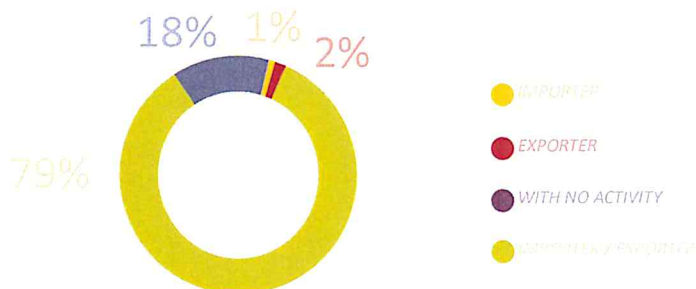
- INDUSTRY
- WHOLESALE TRADE
- CONSTRUCTION
- RETAIL TRADE

Industrial Activities by Type



- MANUFACTURED INDUSTRIES
- COLLECTION AND TRANSF. MIN. ENERGY AND DERIVE. IND. CHEMISTRY
- ENERGY AND WATER
- INDUSTRIES TRANSF. METALS MEC. PRECISION

Internationalisation of Paterna's Companies



- IMPORTER
- EXPORTER
- WITH NO ACTIVITY
- IMPORTER & EXPORTER



Business Parks

Paterna is a large municipal area dedicated to a large extent to industrial activity. 14% of the total municipal area, which amounts to 5,558,200 m², is destined to industrial zones, so making Paterna one of the most important industrial towns in Europe.

Moreover, the future extension to the industrial zones within its municipal area makes Paterna one of the most lively industrial and services cities thanks to its five business parks and the 2,800 companies installed in the city that currently employ more than 75,000 people.

Fuente del Jarro



www.asivalco.org | asivalco@asivalco.org

Tel. +34 96 134 06 62

Gijón, 3. 46988, Paterna. Spain

Fax: +34 96 134 05 90

Set up in 1967, this is one of the most important industrial concentrations in Europe with a surface area of 235.24 hectares that house more than 500 companies and 10,000 workers.

There are two sections of the business park joined by a tunnel for road traffic due to the Llíria railway line. It has its own station where a metro-train links it to Valencia every thirty minutes. Moreover, the Industrial estate enjoys urban continuity with the city of Paterna through a pedestrian walkway.

Connected to Valencia by the Pista de Ademuz dual-carriageway, it is also linked to the capital by the Paterna-Llíria road and has slip roads to the by-pass that goes round it, so facilitating communication with Madrid, Alicante, the International Airport, the port and Valencia Trade Fair.

Studies undertaken estimate that every day 45,000 vehicles of different types and tonnage enter and leave the industrial estate.

This is a highly diversified industrial area, where almost all branches or sectors are represented to a greater or lesser degree, although outstanding among these are those of metal transformation, foods,

construction, plastics, paper, chemicals and textiles.

There are also 30 commercial premises dedicated to providing services, such as mail services, financial bodies, travel agencies, stationers, insurance agents, a medical centre, gymnasiums, etc. as well as restaurants and cafés.

This business centre also has its own Fire Station that is complemented by other units located in different towns. There are 18 anti-fire hydrants spread out around the park.

To facilitate working and family life, Fuente del Jarro also has a crèche for the children of workers with special timetables adapted to the working day. With more than 120 places for children between 0 and 3, it is a leading educational innovation centre and received the 2009 Award to the Innovative Education Centre of the Valencia Region.

Fuente del Jarro is, owing to its size and productive capability, like a small city and it operates as such, thanks to a services area that links the daily life of its workers to various other fields. It does, therefore, include all the advantages for the development of business activity.

Tactica Business Park



www.aetactica.com | info@aetactica.com

Tel. +34 96 395 27 62

Forners nº 22. 46980, Paterna. Spain

This constitutes a unique project in the Valencia Region, comparable to the new business centres that are beginning to arise in other cities. In concept it is totally innovative and responds to a business grouping model of a totally independent character, an innovative 'cutting-edge business city'.

It currently hosts 200 activities and in the future will bring together 400 companies in 139.18 hectares dedicated to logistic, productive and services activities. Among the attractions that TÁCTICA provides are the zone of integrated offices in smart buildings equipped with the very latest technologies, a wide range of industrial units dedicated to industrial activity, as well as units of a commercial nature installed in the most commonly frequented areas.

The TÁCTICA business park harmonizes cutting-edge design with functionality, architectural modernity and technology, whilst also respecting the green nature of its landscaped setting. This also lends a pragmatic and inhabitable feel to the estate: landscapes in

which to walk and relax and 'smart' buildings equipped with the latest technologies.

The same harmony between appearance and pragmatism is seen inside the industrial units. The different units have airy interiors and potentially 'modulable' spaces. They provide in the final analysis a structure that allows companies to adapt compartmental conditions to day-to-day operations in a simple and, above all, convenient way.

The services sector has found its own niche in this business setting. The infrastructures dedicated to services are very important and exploit the already mentioned "inhabitability" of such an outstanding location. There are, therefore, a huge amount of services branches of banks, gymnasiums, travel agencies, shopping centres, various shops, etc. without forgetting the most visible infrastructure from the roundabout that links the Paterna service area to the V-30 - a hotel with more than a hundred rooms which expects to double that amount in their forthcoming development stage.

Technological Park



www.ptvalencia.es | entidad@ptvalencia.es

Tel. +34 96 131 80 74

Leonardo Da Vinci, 48. 46980, Paterna. Spain

Fax: +34 96 131 80 75

València Parc Tecnològic arose on the initiative of the Valencia Regional Small and Medium-Sized Enterprises organisation (IMPIVA) at the end of the 1980s with the aim of being able to house high technology industries, research centres, training and development centres, public entities (such as TVE), among others.

Today there are more than 450 companies providing work for approximately 8,000 people. The VPT area has an infrastructure and work space that allows companies to be successfully incorporated into a highly competitive business setting: advanced technology resources, services, effective communications systems, business cooperation, research centres at the service of the company, collaboration with universities, wide roads, green zones, parking... in short, future and quality of life resources within a framework that gathers together the various experiences of other European Technological Parks and that meets the common denominators that mark the difference between a Technological Park and other traditional areas earmarked for industry.

In the Park there are nine Technological Institutes promoted by IMPIVA in collaboration with the entrepreneurs of the corresponding sectors and universities. These Institutes are centres dedicated to directly supporting the

technological modernization of companies and industrial diversification. The concentration in the Valencia Technological Park of these Institutes allows the companies installed there to maintain a close relationship with these institutions, so benefiting from direct contact with their experts and researchers.

And indeed the main objectives of the Valencia Technological Park are to promote the industrial diversification of the Valencia Region, to encourage the incorporation of new technologies and to support R&D&I. For this reason it is open to companies that appreciate constant innovation, the importance of research, the quality of working conditions, good communications, an appropriate technical infrastructure and, which, moreover, respect the environment.

Lastly, the Valencia Technological Park offers a strategic location that optimizes a company's integration into the physical space through its communications. Situated in Paterna at only 8 kilometres from Valencia, the VTP is linked to a highway at scarcely 100 metres (an arterial road that joins the European France-Barcelona-Alicante and Madrid network). The international airport of Manises is only 5 kms. away, the train station 8 kms. away and the international port of Valencia 12 kms. away.

L'Andana



The l'Andana Industrial Area is situated opposite the Technological Park separated by the Pista de Ademuz dual carriageway. With a present surface area of 35.77 hectares, it is another of the older business zones of Paterna. Here there are 45 companies linked to sectors of construction, food processing and a variety of derivatives (chemicals, metal, timber or ceramics).

Over recent decades, distributing companies have been settling in, outstanding among which are those

involved in processing and distributing food products. The review of the General Plan of Municipal Ordinance (PGOU) will shortly allow the development of sector 9 as building land for industrial use, so making the provision of industrial land possible for new companies in the coming years, as well as for office blocks and hotels. Land has also been earmarked for services so as to attract various services sectors, which will no doubt mark the final layout of this modern industrial estate.

- administracion@ae-landana.com
- Carretera Ademuz km 9, 7. 46980, Paterna, Spain
- Tel. +34 637 460 860
- Tel. +34 617 644 048

University of Valencia Science Park



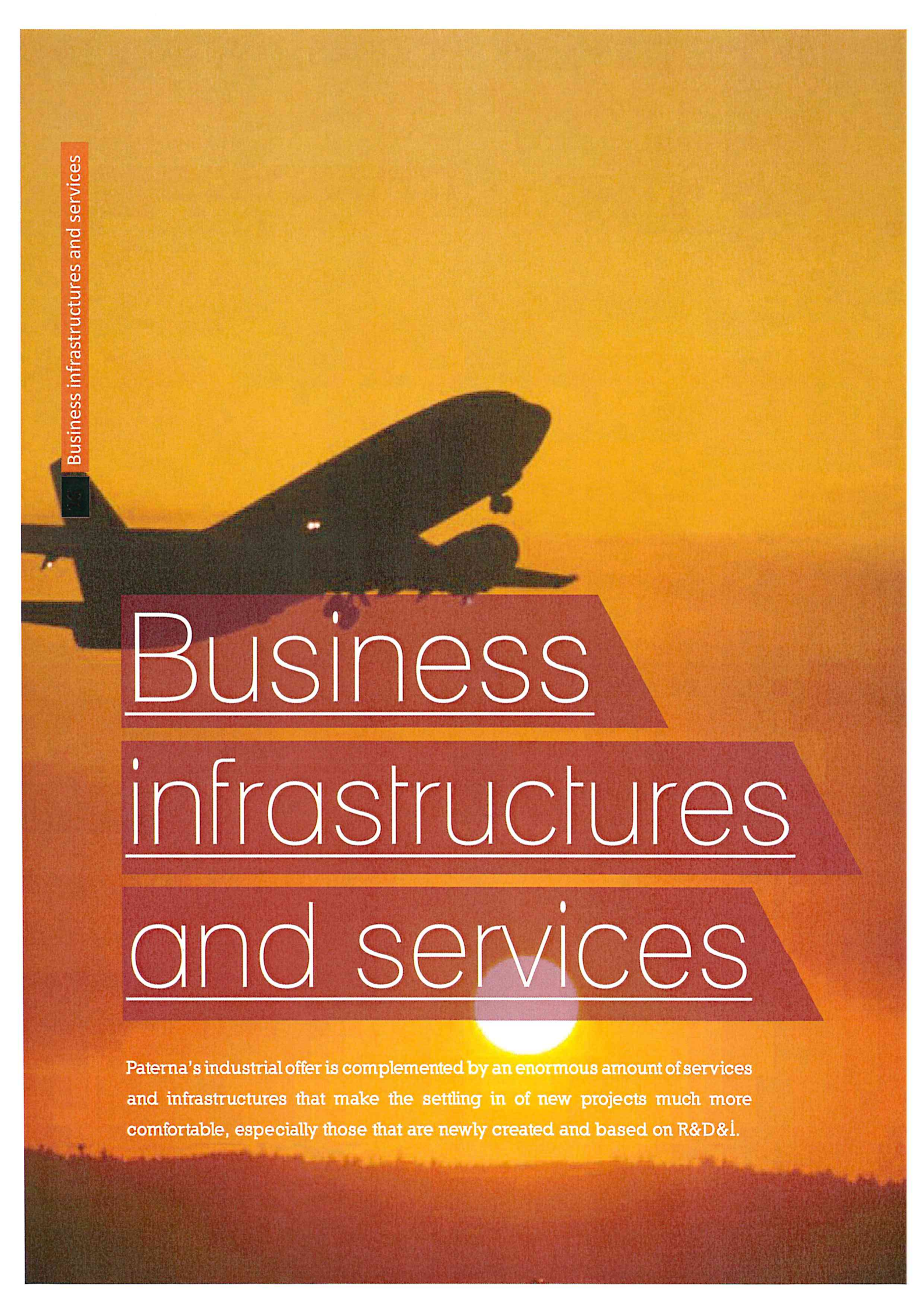
The Science Park of the University of Valencia (PCUV) is an initiative that links university research and its scientific potential with the productive system, so promoting the processes of innovation, generation and consolidation of technology-based companies. Its aim is to contribute, in this way, to knowledge-based economic and social development.

The PCUV provides space both for companies arising from university research and external companies of a scientific/technological nature, who wish to set themselves up in the setting of the University of Valencia. It has a scientific area (made up of research institutes) and a business area (a business incubator and various buildings for setting up companies, R&D laboratories and technological platforms). It has been recognised as a Campus of International Excellence by the Spanish government. Its mission is to generate wealth, employment and welfare by housing innovative companies and by helping entrepreneurs to consolidate

their knowledge-based business initiatives. It has 6 research institutes, specialist centres and scientific services, as well as hosting more than 70 biotechnology, energy, information technology and communications companies, among others. Here the University of Valencia pursues its mission: the social function of knowledge, while seeking to consolidate and internationalise the different projects.

The R&D&I and the scientific potential of the park are within easy reach of the various industrial sectors, on the one hand, thanks to the presence of companies' research units in the University setting, which allows their scientific staff to be involved in mixed research groups, and, on the other hand, the Park undertakes innovative projects on demand and offers companies the possibility of employing common services and infrastructures in order to carry out all types of work: measurements, studies, analysis, trials, tests...

- www.pcuv.es | parc.cientific@uv.es
- C/ Catedrático Agustín Escardino, 9. 46980 Paterna, Spain
- Tel. +34 963 544 758
- Fax. +4 963 543 829

The background of the entire page is a warm, golden-orange sunset sky. A dark silhouette of an airplane is shown in flight, moving from the left side of the frame towards the right. The sun is a bright, glowing circle positioned near the bottom center of the image, partially obscured by the text blocks. The overall mood is professional and forward-looking.

Business infrastructures and services

Paterna's industrial offer is complemented by an enormous amount of services and infrastructures that make the settling in of new projects much more comfortable, especially those that are newly created and based on R&D&I.

International Airport of Valencia

The international airport of Valencia is scarcely 5 kilometres from Paterna. Connected with the main national and European capitals, it is one of the most important airports in Spain and the largest in the Valencia area in terms of air and passenger traffic, working with 38 airlines. In 2011, the airport recorded 4,979.629 passengers, 70,572 operations and 10,484 tonnes of merchandise.

- www.aena-aeropuertos.es | macion@aena.es
- Carretera Aeropuerto s/n. 46940, Manises, Spain
- Tel. 0034 91 321 10 00

The area of influence of Valencia airport is mostly industrial, given that, on the one hand, there are a large number of companies that are located in the airport setting itself and, on the other, because it has an im-

portant network of communications that make access to the airport very convenient (A-III, Madrid-Valencia and the A-7, Mediterranean dual carriageway). Of special note, in relation to Valencia airport, are:

- 1** A passenger terminal distributed on 3 levels, the first and second being the busiest with the arrival and departure of passengers. The terminal has 52 information and check-in desks, 16 departure gates, of which 4 are equipped with passenger bridges, and 6 baggage reclaim carousels.
- 2** The airport's commercial provision has been extended to offer its customers a modern and security-conscious service of the highest quality. The surface area of the commercial activity amounts to 985 m², in addition to the 2,140 m² occupied by the refreshments services areas.
- 3** Apart from the commercial services, the International Airport of Valencia also has a VIP lounge to make the passengers' stay as comfortable as possible, as well as a meetings room where business meetings can be held.
- 4** There are various parking facilities to satisfy all needs: long stay, less than 4-day stays, for picking up or dropping off passengers and also car rental car parks.



Port of Valencia

Spain is the country with the longest coastline in the European Union, with 8,000 kilometres and 46 ports managed by 28 independent Port Authorities. Out of all of them, that of Valencia, Valencia Port, has positioned itself as the number one in container traffic, among the first 5 in Europe and 30 in the world.

Similarly, its admirable position on the Iberian peninsula makes it the natural port for inter-oceanic goods traffic by providing shorter land transport times, as Valencia Port enjoys an advanced network of road and rail connections (free dual-carriageway to Madrid) that joins it to the main productive centres on the Peninsula, so making the redistribution of

goods with origin and destination in the Peninsula possible.

This is the natural port of Madrid, one of the essential launching pads for the Iberian Peninsula, as its direct area of influence includes a radius of 350 km, where 55 % of Spanish GDP is produced and where half the working population live.



Valencia Port

offers a comprehensive network of connections to more than 850 ports throughout the world, through:

- More than 140 regular lines, among which are the main international shipping companies.
- Multiple regional connections that provide high capillarity for goods traffic through Valencia Port.

It also hosts the Juan Carlos I Royal Marina, the largest marina in Spain, built to celebrate the 32nd America's Cup.

Key data of Valencia Port

- Leader in the Mediterranean
- 5th largest container port in Europe
- 12,000 metres of quays with draughts of up to 17 metres
- 30 gantry cranes
- 300 ha. of off-loading surface area
- The closest port to the Suez-Gibraltar axis
- 350 km area of influence

European Business Centre

- www.ceei-valencia.com | informacion@ceei.net
- Tel. +34 96 199 42 00
- Avda. Benjamin Franklin, 12. 46980, Paterna. Spain
- Fax. +34 96 199 42 20



The European Centre of Innovative Enterprises of Valencia, CEEI Valencia, is an initiative promoted by the Valencia Regional Government, through the Valencia Small and Medium-Sized Enterprises Institute (IMPIVA), at the service of entrepreneurs and SMEs.

Its main objective is to support the creation of enterprises, mainly innovative ones, and to promote entrepreneurship and innovation within the region. Furthermore, the work of the CEEI pursues the setting up of companies by providing consultancy services for their consolidation and growth.

It plays the role of an intermediary between the needs of companies and the offer of specialist services. In this way, its work focuses on improving the conditions for the setting up and development of new companies and promoting the culture of innovation.

The CEEI provides international coverage to the com-

panies it supports thanks to its inclusion in the EBN (European and Business Innovation Centre Network), which stimulates, coordinates, assists and develops the more than 200 CEEIs that are involved in it. In the year 2006 it contributed to creating or developing more than 4,575 innovative SMEs in Europe.

Among its services, the CEEI of Paterna offers SMEs the services required for their consolidation and improvement in competitiveness, as well as technical consultancy, promotion and diffusion, financing, infrastructures and business opportunities.

Valencia Trade Fair

● www.feriavalencia.com

● Avda. de las Ferias s/n. 46035, Valencia. Spain

● Tel. +34 902 74 73 30

● Fax. +34 902 74 73 45

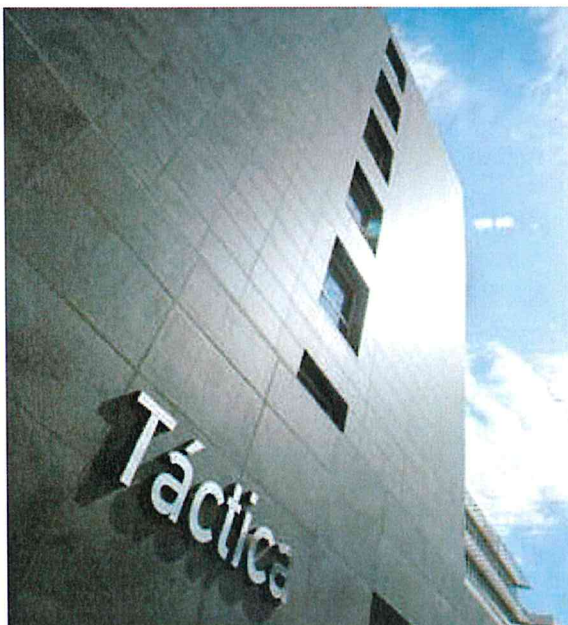
“ Situated next to Paterna, this is the oldest trade fair institution in Spain. Following its extension, it now has more than 450,000 working square metres, which positions it as the number four trade fair in the world with its 8 pavilions, meetings rooms and conference halls, as well as 68,000 square metres of parking space”.

Its modern facilities welcome more than one and a half million visitors every year, which amounts to an economic impact of around 1,000 million Euros a year. Every year more than 50 events are held, of which half are of an international nature involving more than 13,000 exhibitors. In 2011, Valencia Trade Fair held more than 40 trade fairs, half of which were of an international nature with recognition of the Secretary of State for Trade and the UFI. It received almost two million visitors from all over the world and more than twelve thousand exhibitors took part in these events (among direct and representative exhibitors).

Valencia Trade Fair has comprehensive facilities for holding and organizing conventions, congresses and other well attended events. The versatility of its installations

makes it possible to hold different events simultaneously in maximum comfort. Furthermore it is the first Spanish Trade Fair to receive Spanish certification by AENOR with norm ISO 9001/2000, to add to its QAFE certification, from the Association of Spanish Trade Fairs, and the quality commitment diploma SICTED, System of Tourist Quality at Destination.

Valencia Trade Fair is a co-founding member of UFI (The Global Association of the Exhibition Industry), AFE (the Association of Spanish Trade Fairs) and MTFA (Mediterranean Trade Fairs Association), a full member of EMECA (European Major Exhibition Centres Association), of AFIDA (International Association of American Trade Fairs) and IAEE (International Association of Exhibitions and Events)



MODERN AND QUALITY HOTEL ACCOMMODATION

The huge range of Paterna business activities has also given rise to a wide range of hotels in the area. There are now 13 hotels ranging from one to four stars, providing accommodation in more than 1,100 rooms.

Situated both in residential and business areas, all of them are fully equipped with meeting and conference rooms with the latest audiovisual and communications technologies for undertaking business events.

Team meetings, business meetings and presentations all take place in the comfort and tranquillity of the best hotel services for the business world.

WORLD'S
BEST CONVENTION
CENTRE
AIPC 2010

Valencia Conference Centre

● www.palcongres-vlc.com | direccion@palcongres-vlc.com ● Tel. +34 96 317 94 00

● Avda. Cortes Valencianas, nº 60. 46015 Valencia. Spain ● Fax. +34 96 317 94 01

With an uncluttered modern architectural design, the work of Norman Foster, and with its solar energy supply capable of generating 380,000 kw/h per year, the Conference Centre has received 1.3 million visitors since its inauguration in 1998, and it is only 3 minutes away from Paterna,

It has 3 auditoriums, 9 committee rooms and an exhibition room, distributed throughout the 16,000 square metres that provide space for a total capacity of more than 2,250 people, and all connected by closed circuit TV. Multi-purpose rooms, VIP rooms and a press room complete the offer of this magnificent business scenario, together with an exhibition space and offices under the

auditorium that make it much more comfortable to work and spread good ideas.

As centre of the business community in the area, it has hosted more than 2,000 events over these 14 years, which have had an economic impact of more than 700 million Euros. These events have included NATO meetings, the Assembly of the African Development Bank, European Council conferences, the Festival of Media and a multitude of business and medical conferences.

It has all the infrastructure and human resources required to organise any event, as well as five energy and excellence certifications that back up the principles of this space: efficiency, sustainability and society.

Business Incubator

www.camaravalencia.com | viveropaterna@camaravalencia.com | viverospaterna@gmail.com

C/ Les Gavines, 2. 46980, Paterna. Spain

Tel. +34 96 137 11 70

An initiative arising from the collaboration between the Paterna Town Council and the Chamber of Commerce sponsored by FEDER.

Situated in the town centre, this consists of space granted to new entrepreneurs for setting up companies, the aim being to create self-employment and companies.

This incubator houses up to 20 entrepreneurs dedicated to the various branches of consultancy, communications and marketing. Distributed over 1,000 square metres, there are a dozen offices, together with several meeting rooms equipped with all the services required to set out on a business venture.

It is possible, moreover, to share an office with other entrepreneurs through coworking, thus encouraging an exchange of experiences and even the creation of commercial links.

For a maximum of two years, new businessmen and -women can see their businesses flourish under truly advantageous economic conditions, as well as take advantage of the advisory service of the Paterna Chamber of Commerce for dealing with the paperwork required for beginning a business.

The High Speed Train (AVE) and the Mediterranean corridor

Officially opened in 2010, the High Speed Train of Spain, has its own station in Valencia, only 10 minutes away from Paterna by car or by the Metrovalencia network. Joaquín Sorolla station connects Valencia to Madrid in one and a half hours and less than four hours to Seville. Furthermore, Valencia forms part of the future Mediterranean Corridor, which will connect it to all ports of this sea throughout Europe from Murcia to France, so allowing high speed passenger and goods transport.



Business Organisa- tions



Each of the business centres has their own association organisations to defend the interests of their associate businesses and to represent them before institutions

Likewise, there are various municipal initiatives that bring together all the business and commercial tissue of the town under the trade name Paterna, Ciudad de Empresas (City of Business).

Business Associations

- **ASIVALCO** (Business Association of Fuente del Jarro Industrial Estate)
- **ADET** (Association of Tàctica Business Park Entrepreneurs)
- **Valencia Technological Park** Conservation Org.
- **University of Valencia Science Park** Foundation
- **L'Andana** Business Association
- **Multipaterna**
- **PUC**, Paterna Commerce Union
- **Paterna Hotel Gastronomy Association**

Paterna Innova 5

● www.adlpaterna.com

● peconomica@ayto-paterna.es

● Pl. Enginyer Castells, 1. 46980 Paterna. Spain

● Tel. +34 96 137 96 63

PATERNA INNOVA 5 is a multisectoral Economic Interest Group that brings together all the industrial zones of Paterna through its Business Associations, the Technological Park and the Science Park of the University of Valencia.

This initiative of the Paterna Town Council constitutes a platform of 2,800 companies in the municipal area of Paterna, and its main purposes are to develop strategic projects in a common and collaborative way, so as to allow the negotiating strength of all the companies

to achieve the best purchasing conditions for products and services.

Currently, Paterna Innova 5 has three main projects; a central purchasing unit, a marketplace and a business social network.

Benefits

- Improving the competitive position by having a "logic of volume".
- Achieving economies of scale, by sharing physical and technological resources.
- Penetration into new markets.
- Access to complementary and necessary resources and skills.
- Technological development.
- Learning and increase in experience.
- Avoiding the duplication of projects and sharing the high costs and risks of R&D.

REDIT

● www.redit.es | info@redit.es

● Tel. +34 96 136 66 88

● Av. Leonardo da Vinci nº 48. Parque Tecnológico. 46980, Paterna. Spain

● Fax. +34 96 131 83 23

The **Technology Institute Network (REDIT)** in the Valencian Community, whose central office is in Paterna, is a non-profit making association which was set up on the initiative of the technology institutes in the area in collaboration with the Valencian Regional Government.

REDIT has 14 associate members that offer a wide range of R&D&I services for enterprises, especially small and medium-sized ones, that need support from outside in order to innovate. Nine of these are located in the Paterna Technology Park.

REDIT's task is to contribute to the development of knowledge and its application to society, to en-

terprises and other areas by promoting the R&D&I produced in its centres. It also brings the technology institutes under one aegis so strengthening their relations and encouraging close cooperation among them. It also forms alliances and furthers cooperation with the Science, Technology and Business System.

The R&D&I of the Paterna Technological Institutes

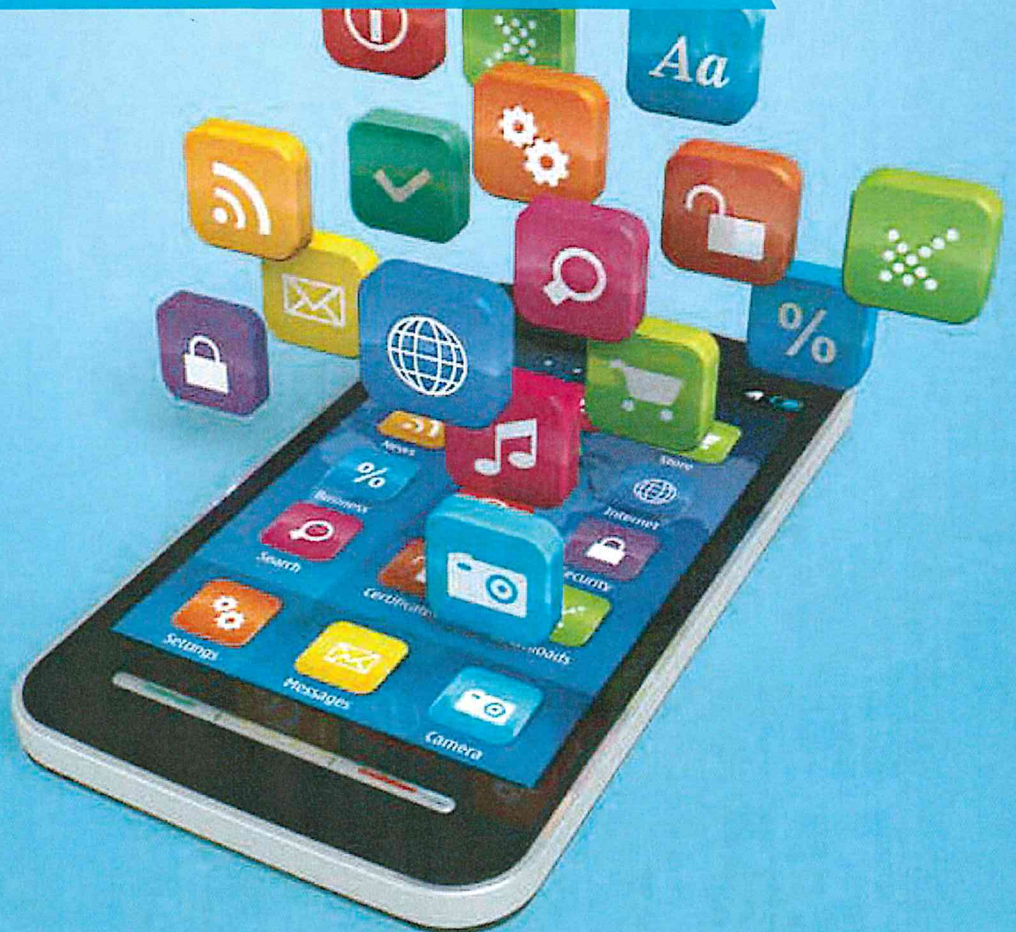
- Construction
- Timber, wood and furniture
- Optics, colour and image
- Metallurgical industry
- Plastics
- Foodstuffs
- Energy
- Packing, transport and Logistics
- Textiles



Paterna,

the power of

technology



Throughout its history, Paterna has been characterised by being an open and lively city, largely as a result of its peoples, their dynamism, their business skills, their industriousness and their determination to succeed. This town, therefore, is adept at transforming its resources and assets into competitive skills and sources of well-being, so converting them into the key factors of progress on which local development is based.

Paterna is restoring competitiveness in its business network that counts already with over 2800 companies and 75000 employees, five business centers and ten leading technological institutes in R + D + i. With over one million square meters of land available, the city is shaping as the first business concentration of Spain.



AIDITEC SYSTEMS, S.L.

Parque Tecnológico
Benjamin Franklin, 12. 46980, Paterna. Spain
Tel. +34 96 384 29 57

INNOVATIVE LIGHTNING
PROTECTION TECHNOLOGIES

WWW.AIDITEC.ES

AIDITEC Systems, S.L. is a technology-based company specializing in the development of innovative applications for products aimed at protection against lightning. Established in Paterna at the end of 2010, it is the fourth largest company in Spain dedicated to this sector and already exports its products to countries such as Rumania or Ecuador, recently opening new distribution lines in Chile, Peru, Colombia, Bolivia, Venezuela, Mexico and Brazil.



It currently has 500 products distributed on six business lines that cover all the market needs. Outstanding among them are its DELTA and Sigma lightning conductors, the flagship products of this company's R&D&I, as it focuses its innovation efforts on optimal developments to ensure the maximum quality, reliability and durability. AIDITEC Systems, S.L.'s designs, therefore, guarantee that their lightning conductors operate under extremely heavy rain conditions and eliminate the accumulation of conducting agents in their interior such as carbon deposits or air ionization that is produced following a discharge. Their products are tested by the Energy Technology Institute (ITE) and their manufacturing processes fulfil AENOR standards (National Association of Standards and Certification). Similarly, AIDITEC Systems, S.L. has begun negotiations with the Construction Technology Institute (AIDICO) with the aim of

setting up a research Project into new materials that could reduce the effect of lightning on buildings.

The innovations of AIDITEC Systems, S.L. are also centred on facilitating the application, presentation and installation of its products, which saves distributors' time and money, and maintain the strength and quality of its components.

Moreover, AIDITEC Systems, S.L. is the only company of the sector that offers an on-line sales system for all its products, from lightning conductors and their accessories to earths, conductivity enhancers, electrodes, Cadweld welders and surge arresters.

Hence, AIDITEC Systems, S.L. has become one of the most outstanding companies in the national and international lightning protection market, thanks to its commitment to safety, reliability and the innovation that all its developments are based on.

Medium-term projects

- Re-designing of lightning conductors suited to legislation due 2 years from now
- Implementation of NTICs in Lightning Protection Systems.
- Application of Biotechnology and NTICs to earths.
- Opening of new distribution channels for professionals.
- International management in Eastern Europe, the Middle East, Southeast Asia and North and Central Africa.

BAYER CROPSCIENCE, S.L.

Parque Tecnológico
Charles Robert Darwin, 13. 46980 Paterna. Spain Tel.
+34 96 196 53 00 / Fax +34 96 196 53 45

WWW.BAYERCROPSCIENCE.COM



Bayer CropScience was set up in 2002 out of the merger between the Bayer Agro Division and Aventis CropScience, so becoming the leading phytosanitary company in Spain. It is one of the leading companies recognized worldwide for its seed and plant biotechnology, crop innovation and protection, and non-agricultural pest control.

Thanks to its strong research and development investment, the company has established a sustainable line of

new active ingredients capable of continuously launching new markets onto the market.

Having installed its offices in Paterna in the middle of 2010, this multinational now has 21,000 collaborators throughout the world, and employs 220 workers in Spain alone, distributed throughout its centres in Paterna, Quart de Poblet and Brenes (Seville). Since then, and over the last five years, the company has invested more than 200 million Euros in Spain.

SPECIALISMS

Crop Protection

It develops and markets insecticides, fungicides, herbicides and highly technical products for treating seeds. Its huge investment in R&D contributes to achieving innovative products to tackle the very latest environmental needs.

Environmental Science

It provides sustainable and effective solutions for controlling urban pests, so as to improve the quality of life of professional applicators and consumers.

BioScience

This area of business is dedicated to developing and marketing seeds and features for agricultural and horticultural crops. To do so, Bioscience takes advantage of the entire spectrum of modern improvement methods from the development of types of high profit hybrids to Smart Breeding and green genetic technology.

Bayer CropScience has developed a concept called Food Chain Partnership (Collaboration with the Food Chain), the aim of which to work together with all the agents involved in that food chain. The goal is to provide the end consumer with healthy, safe and quality foodstuffs.

Agriculture in Spain is in constant evolution and the use of new technologies and forms of cultivation bear witness to that. Bayer CropScience is already offering products in line with those changes and its current research will allow, over the coming years, the development of new sustainable chemical and biological groups.

DAS AUDIO

Fuente del Jarro
Islas Baleares, 24. 46988, Paterna. Spain
Tel. +34 96 134 02 06 / Fax +34 96 134 06 07

WWW.DASAUDIO.COM

For almost 40 years in the professional audio equipment sector, D.A.S. Audio has acquired valuable experience in the design and manufacture of sound reinforcement systems. Known throughout the world for the quality of its products and for its excellent customer care, the company employs highly qualified staff, dedicated to designing and manufacturing a wide range of reliable and quality products.

The design and manufacturing centre in Paterna occupies approximately 24,000 square metres of surface area in the first industrial park in Spain and the second in Europe. Moreover, it has an important network of distributors, sales centres and technical support, such as those in the United States and Singapore that offer a swift response to any problem.

There are four main lines of products (speaker systems, amplifiers, digital processors and components) that can cover anything from ambient or megaphone installations to large installations for concerts or high attendance festivals. Furthermore, it provides high pressure amplification and low distortion solutions, as well as high quality sound compressors for professional settings.

Currently, D.A.S. Audio is a company that has strongly

committed itself to innovation and the development of high quality products, thanks to its advanced R&D department which employs highly qualified professionals and uses the latest generation technology to undertake ambitious projects and to compete with the best of corporations. Hence, for example, it was the pioneering company in Europe in manufacturing the first plastic box with a 15 inch speaker of exceptional quality, thanks to its research into the injection of high density technical plastics into acoustic boxes.

In the national market, D.A.S. has consolidated its position as a leading company in the sound reinforcement sector and continues to improve and climb in the international rankings and in the development of new products capable of meeting the needs of a market in continuous evolution.



The fact that

the company manufactures the speakers for its own acoustic systems means that it has a better control over the sound quality of the final product and is highly efficiency in terms of costs.

Sound technology

In the design of audio systems for dance halls, live concerts and discotheques, D.A.S audio combines different high level technological disciplines such as software and 3D mo-

delling, as well as magnetic, acoustic and electronic simulation, so allowing it to analyse any situation or setting in order to adapt the acoustics of their products.

EDICOM CLOUD COMPUTING

Parque Tecnológico
Ronda de Auguste y Louis Lumiere, 12. 46980
Paterna. Spain
Tel. +34 961 366 565 / Fax +34 96 136 71 17

WWW.EDICOMGROUP.COM

Edicom is internationally renowned for Electronic Data Interchange and electronic billing. Its operations focus on the design of data transmission and integration between companies under strict criteria of professionalism, transparency and effectiveness. It has 10 business problem solving and services lines in Cloud Computing mode or ASP (Application Service Provider), through 7 sites in Europe and America.



One of the key points of this company is the technological adaptation of its solutions, capable of overcoming frontiers, legislations or technical complexities, and it does so through a wide-ranging structure of technical resources that provide service to thousands of customers throughout the world.

Edicom's applications are configured to be managed and administered in Outsourcing mode, so that its customers can rely on dedicated technicians who act as advanced users and who assume the overall maintenance of the B2B communications platform. This provides a guarantee for the interchange of electronic transactions between customers, suppliers and logistics operators.

In 2002 Edicom began to market its solutions for integrating data in service mode, being a pioneer in driving technologies for eCommerce B2B in the "cloud" for sectors such as those of large consumption, hospitals, pharmaceuticals, logistics or tourism.

Today, Cloud Computing is a reality with multiple applications, and Edicom is one of the technological suppliers with the greatest experience in developing business solutions in this field.

Its infrastructure includes permanently updated hardware, its own software development adapted to the needs of the customer, and high performance communications for simplifying data integration systems. Moreover, the platform of this technology in Paterna is permanently monitored by engineers 24 hours a day, so guaranteeing its Cloud Computing service for thousands of users throughout the world.

Commercial transactions processed from EDICOM B2B Cloud Platform facilitate the sending and reception of all types of electronic documents in a safe, fast and fluid manner by fully integrating the communications made with customers, suppliers and any other partner involved in its productive, commercial, financial processes, etc. into its internal systems. And all of that regardless of their activity, as an international team of consultants, specializing in individual sectors, provide assistance at any moment on the particularities of the company and its market, as well as on message standards, communications protocols, flow types in its sector for commercial transaction interchange, etc.

ELECTRIC LLOC

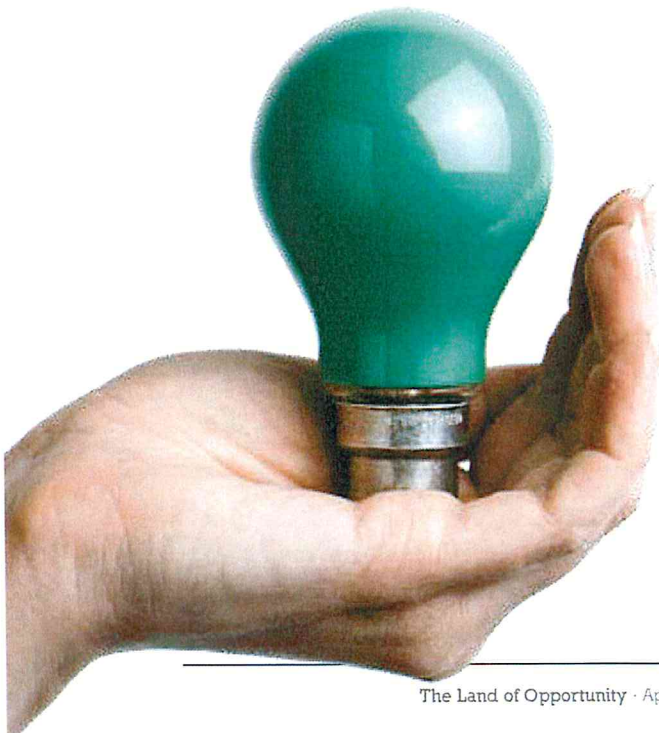
Parque Tecnológico
Ronda Guglielmo Marconi 11, Local 6.
46980, Paterna. Spain
Tel. +34 96 275 00 00 / Fax +34 96 131 84 07

WWW.ELLOC.ES

Electric Lloc was founded in 2008 by a team of professionals with wide experience in the sectors of automation, industrial robotics, software development and new technologies applied to industry.



“ The need for appropriate recharging infrastructures is essential for the development and acceptance of electric vehicles”.



With this idea, Electric Lloc began the development of its recharging systems that allow users to recharge their vehicles in a simple, convenient and safe way.

The flexibility and modular adaptability of Electric Lloc stations allows them to be used for all types of applications: Public and private car park, shopping centres or on public streets. Moreover, the company's specialists study first the individual needs of each client, their business model and their site in order to ensure the best possible solution.

This innovative company in Paterna provides a set of comprehensive solutions for resolving

the identification, pricing and billing of users, the management of recharging installations, the management of the power supplied and the interface with the end user. In this way, regulated integration of the electric vehicle into urban traffic circulation is much faster and more convenient.

To date, Electric Lloc has installed more than fifty stations throughout Spain and has clients of the magnitude of energy companies such as Iberdrola, Endesa and Gas Natural, shopping centres such as Carrefour, or the Institute for the Diversification and Saving of Energy (IDAE).



Since 1981 this company has been developing software and applications for Information and Communication Technologies (ICT) and, for the last ten years, has particularly focused on the internet using cloud computing in two main business areas: Digital Solutions for Public Administrations (Governalía) and Business Management Software (e-OER).

Apart from innovative software solutions, it offers a range of services that include consultancy, training, R&D project management in any of its guises: management, contribution and development of technology, implementation, "know-how" transfer, etc.

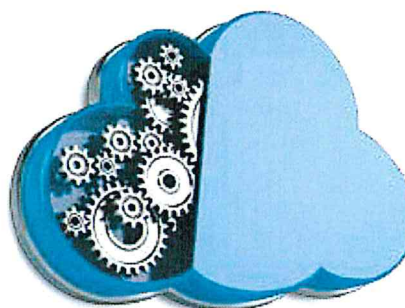
IDI EIKON dedicates a large part of its resources to R&D&I and so has wide experience of participating in projects of this type at the regional, national and European level. In fact, most of their developments stem from the R&D activity undertaken in these projects, which now amount to 14 participations in sectors such as health, the environment, energy, and digital inclusion jobs.

Main projects

At present IDI EIKON is coordinating two European projects in the

context of the Information Society, the DIEGO Project - Accessible Electronic Administration - and the SEED project - Digital Publicity of Public Sector Information. Through the Governalía brand, they provide digital services directed at employment, citizen participation or applications for mobile telephones, by simplifying the bureaucracy of electronic dealings in local administrations.

Furthermore, IDI EIKON has its own business management software in the cloud, e-OER, that already deals with 1000,000 payrolls throughout Spain. The program has modules aimed at managing human resources, accounts, billing or selection and training, and is a fundamental resource for small and medium sized enterprises to gain access to the software of large companies, but adapted to their needs.



IDI Eikon has more than 15 years of experience as member and coordinator of international projects. Currently it is in the process of internationalizing itself in the United States and Brazil through its developments in the e-Health sector.

IMEX

YOUR MEDICAL PARTNER

Parque Tecnológico
 Charles Robert Darwin, 22. 46980, Paterna. Spain
 Tel. +34 96 112 40 60 / Fax 902 506 033
 info@imex.es

WWW.IMEX.ES

Founded in 1995, IMEX is a company distributing high technology products within the fields of ophthalmology, clinical engineering, cardiology, urogynecology and hospital and clinical environments.



Over these 20 years, IMEX has revolutionised the surgical market in Spain and Portugal by launching a number of products that have simplified surgery and reduced the potential complications involved. Some examples are the femtosecond laser for myopia (Intralase) and cataracts (Catalys), as well as the green laser and HIFU for benign prostatic hyperplasia. The differentiating factor that has made IMEX a successful company is its human resources, as it has a highly

qualified team dedicated to providing service to the customer.

IMEX has been pursuing the same path for 20 years: to make its customers feel that from this company they do not only obtain technological products, but also excellent service and treatment. For IMEX, 2013 is a year in which to continue growing with the launch of new products that will contribute to the success of their clients and with the same enthusiasm and passion as the very first day.

INCOTEC

TECHNOLOGY CONSULTANT

Parque Tecnológico
Ronda Narcís Monturiol, 6 - Centro Empresarial Destro
Edificio B (Local 112B). 46980, Paterna. Spain
Tel. +34 96 196 53 00 / Fax +34 96 196 53 45
incotec@incotec.es

WWW.INCOTEC.ES

Founded in the year 2000 as a private and independent initiative, INCOTEC is a technical consultancy specializing in technological, environmental and engineering innovation, which, originally beginning in the automobile sector, has been steadily growing and attracting mainly technical staff with wide experience from the automation sector.

Currently, Spain is in 10th position worldwide in terms of the production of scientific publications. However, it is 36th in competitiveness. This is why this consultancy is convinced that driving innovation forward through its multidisciplinary and specialist team in Environmental Management, Strategic Consultancy, Installations Engineering and R&D&I Project Management is the way to bring together the knowledge generated in Spain and private enterprise. Through project planning, the company matches business ideas both to institutional grants and possible investors, as well as taking advantage of existing tax deductions, maintaining constant cost analyses, and meeting the deadlines and risks of each individual initiative.

INCOTEC focuses on industrial companies with their own innovative products, given that it provides personalized and highly specialized and effective solutions aimed at results that incorporate the latest technologies and innovation trends under Sustainable Development criteria. In this way, for example in

the field of environmental engineering, it undertakes energy audits and waste analysis in order to apply clean solutions that allow the productive processes to be optimized.

Setting out from creativity, market research and technical skills, any company can access innovation in order to reach new markets and consumers. Hence, their services are aimed at developing a competitive advantage for their products and enabling the market to recognize a greater value in the company's product so that it is willing to pay for it; on the other hand, they achieve greater technological efficiency in their processes, the aim of which is attain higher margins of contribution.

With an annual turnover of nearly 5.5 million Euros, INCOTEC handles the development of more than 400 companies throughout Spain, which have produced projects as interesting as the blue clay court used in the Madrid Tennis Open Championship of 2010, the study on the electrical connection of cruise liners in the port of Barcelona, or the universal cabinet adapted to any physical condition.



INCOTEC has consolidated its presence at the national level by deploying a network that allows it to cover any geographical location, through its offices in Barcelona, Valencia, Madrid and Valladolid, as well as its local office in Zaragoza.

LAFITT

TRAUMATOLOGY AND
ORTHOPEDIC SURGERY

Parque Tecnológico
Juan de la Cierva, 16-18. 46980, Paterna. Spain
Tel. +34 96 132 53 04 / Fax +34 96 132 47 20
lafitt@lafitt.es

WWW.LAFITT.ES

Lafitt is a company specializing in the design, development, manufacture and marketing of surgical implants and instruments for traumatology and orthopedic surgery. Since it was founded in 1993, Lafitt has followed a policy of innovation aimed at introducing its own innovative products onto the market.



Leader in the ortho-prosthetics industry



Currently, Lafitt is a Spanish leader in the ortho-prosthetics industry and exports to more than forty countries, competing on all five continents. From the outset, Lafitt has developed and invested heavily in R&D&I, which has allowed it to take part in European projects such as EUREKA, CRAFT or IST, and to be present in the most important forums of this industry. In addition to various national and European patents and utility models, Lafitt boasts a great number of nominations and awards for the quality and innovative nature of its products, drawn up under strict quality control and optimum design. Lafitt's production includes six work lines specializing in the hip, knee and spine, as well as solutions aimed at internal

fixation, osteosynthesis and orthobiology. This company, moreover, enjoys collaboration agreements on research and development with various technological centers and associations such as the Biomechanics Institute of Valencia, the Metal Mechanics Institute or Plastics Institute of Paterna, which has enabled it to generate more than a dozen self-developed patents. Another of the great advances that Lafitt has made is in the development of components in the line of mini-invasive surgery, which allows one to preserve more bone mass during operations and reduce patient rehabilitation time. In this, the company has closely collaborated with the surgery units of hospitals and well-known doctors.

MARSAN INGENIEROS

SPECIALISTS IN MONITORING
AND INSPECTION

Parque Tecnológico
Ronda Guglielmo Marconi 15, Local 6. 46980, Paterna. Spain
Tel. +34 963 624 504 / Fax +34 963 604 608
marsaningenieros@marsaningenieros.es

WWW.MARSANINGENIEROS.ES
WWW.PREVENCIONFREMAPP.ES



Areas of Activity

Industrial safety
Construction and civil
engineering
The environment
Mining and
underground
construction
Energy
Health
Safety at work
The firework industry
Telecommunications

With more than 30 years of experience, Marsan Ingenieros is one of the Valencia region's major consultancy firms. By a combination of inspection and site auditing, it undertakes to guarantee the quality and safety of a client's property and equipment. It also takes responsibility for ensuring that an organisation meets its legal responsibilities and conforms to standards, both general and particular, whether nationally or internationally required.

For Marsan Ingenieros, the most notable event of 2012 was its amalgamation with Sociedad de Prevención de Fremap, Spain's leading company for the reduction of risk in the workplace. Such a joining of forces will allow us to offer companies a comprehensive security service that has three objectives: to ensure the safety and general health of the workforce, together with that of the working environment and of equipment in daily use, and to safeguard the environment.

Marsan Ingenieros is officially recognised by Spain's Entidad Nacional de Acreditación (National Organisation for Accreditation) as a monitoring body

and an approved inspection organisation with a nationwide remit. It undertakes a wide range of services relating to equipment, buildings, components and the production process. These include inspection and quality control, ensuring that regulations relating to quality and industrial safety are observed, plus relevant background studies and research.

Because of Sociedad de Prevención de Fremap's wide network of offices, clients of Marsan Ingenieros have at their disposition ever more places to consult. This results in an enhanced service to clients and a more comprehensive coverage from what has become

the largest national network of centres specialising in industrial safety.

Marsan Ingenieros provides industrial safety services to electric, oil-based and coal-fired generating stations, including thermal power stations and storage tanks. Other areas in which the company offers consultancy and advisory services include the environment, mining and underground construction, plus the fireworks industry. It provides comparable services in the field of telecommunications, management systems and reduction of risk in the work place. For this latter, it received a National Award in 2009 for its achievements in implementation and dissemination.

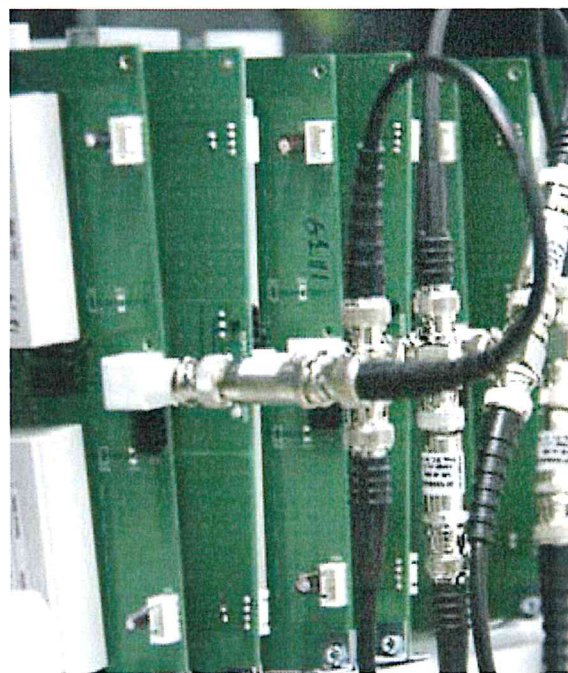
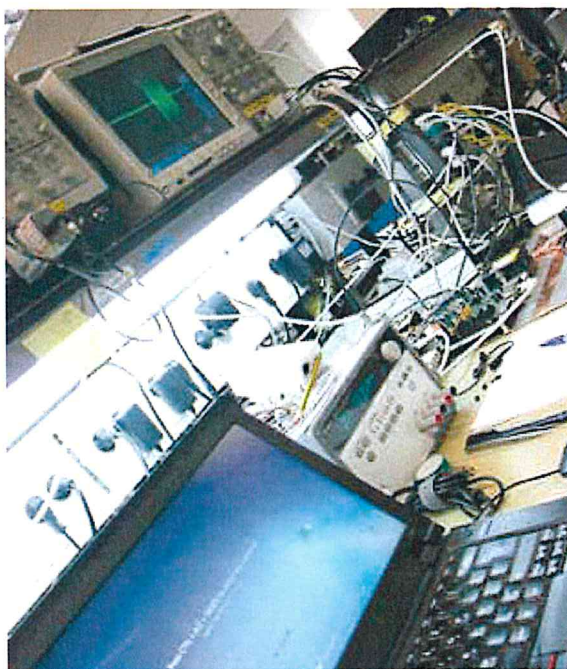
MARVELL HISPANIA S.L.

HARDWARE AND SEMICONDUCTOR
CHIPS

Parque Tecnológico
Narcís Monturiol I Estarriol 11D. 46980, Paterna. Spain
Tel. +34 96 136 60 04 / Fax +34 96 136 62 50

WWW.MARVELL.COM

Marvell Hispania, a part of the multinational Marvell Technology Group, has been located in Paterna since August 2010, and is one of the few companies in Spain that is dedicated to the development, design and marketing of integrated circuits.



In fact, Marvell is one of the five largest fabless companies in the world and produces more than one thousand million chips a year that are used in electronic products of many leading brands. Google, RIM, Intel, Dell, Samsung, ASUS, Huawei, Lenovo, Motorola, Palm, and Sony Ericsson are just some of the companies that now use their chips and solutions such as hard disks, amounting to a market share of nearly 70%. Other products supported by Marvell are mobile phones, routers, switches, tablets and Set Top Boxes.

85% of Marvell Hispania's structure is made up of R&D personnel, who are responsible for developing new technologies and applications within the field of communications and data transfer, focusing in particular on connectivity through pre-existing cable installations (electric, coaxial or telephone) by developing chips that enable that communication, reference designs and firmware so that their clients can introduce their products onto the market as quickly as possible. For this reason Marvell has highly qualified staff skilled in engineering, with international vocation and customer oriented.

To attend to the growing demand for household networks with high transmission speeds, Marvell's new G.hn chipset

provides total unification of a domestic network by cable in order to distribute more contents to more screens in more rooms of the house. The new family of G.hn chipsets is designed to maximize the performances of domestic networks through all kinds of cables (mains electricity cables, coaxial cables and telephone wires/ twisted pair cabling) using a single chipset, which reduces general cost, complexity of design, and the time involved in developing new products. With a transfer rate of up to 1 Gbps, the G.hn chipset is envisaged to be the ideal solution for cable distribution of applications in real time that require a large band width such as, among others, the HD IPTV, VoIP, games, DVR in various rooms etc. Another of the great contributions of Marvell Hispania is their Smart Grid solution, a networking system to control the electric grid, which enables management and optimization in real time to improve efficiency and avoiding peaks in consumption or electricity cuts. This system, accessible by IP protocol, is even more interesting, as the electrical network becomes and is managed in the same way as a telecommunications network, which facilitates its handling and better use.

MARVELL IS BASED IN SANTA CLARA, CA (USA)

Marvell is outstanding for offering a comprehensive set of solutions that allow original equipment manufacturers (OEM) and original design manufacturers (ODM) to select design packages of multiple technologies in order to create systems that provide a simple and attractive experience for their consumers. From G.hn technology to bridging devices with an audio and video interconnection capacity (Audio Video Bridging, AVB), including Ethernet PHY devices or WiFi devices, Marvell's customers can create new and irresistible services for the most popular platforms on the market.

Created in 1995, Marvell is based in Santa Clara (California, U.S.A.) and has a direct presence in various points of the United States, Europe, China, Singapore and Israel. It provides jobs for some 7,200 professionals and distributes its products throughout the world.

- 3.4 thousand million dollar turnover in 2011
- 7,200 employees, 1,600 in EMEA, 72 in Paterna
- 3,200 registered patents, 3,000 in process
- Production of one thousand million chips a year

About Marvell

Marvell (NASDAQ: MRVL) is a world leader in the development of silicon solutions for storage, communications and consumer products. Marvell's product portfolio is very wide, and includes bridging devices, transceivers, communications controllers and wireless systems, and storage systems for all communications infrastructure, including local area networks, metropolitan networks, domestic networks, and storage networks. When the term "Marvell" is used in this publication, it refers to Marvell Technology Group Ltd. and its subsidiaries. Should you require further information, visit Marvell.com. Marvell and the M logotype are the registered trade marks of Marvell or its subsidiaries.

MOL GROUP

TEWIS, ZANOTTI & ELIWELL

Parque Tecnológico
Guglielmo Marconi, 14. 46980 Paterna. Spain



TEWIS SMART SYSTEM ESPAÑA S.L.
REFRIGERATION SYSTEMS

www.tewis.com | info@tewis.com
Tel. +34 963 134 202 / Fax +34 963 500 787

“Setting ourselves up in the Paterna Technological Park has given a huge boost to our commitment to innovation and technology. Within our installations, we have an R&D&I laboratory where we innovate and analyse our processes. We also have an excellent training space for the professionals of our sectors”.

Specialists in developing integrated systems for industry and systems based on the analysis and remote control of installations.

Tewis Smart System creates and implements refrigeration systems from a new perspective: tackling the project as a whole. Our experience and know-how in the areas of engineering, cooling equipment and regulating electronics means that the key needs of any project are covered by a single piece of equipment responsible for all elements of that project. With the R&D&I laboratory, Tewis has shown its commitment to innovation and provides made-to-measure and Eco-efficient solutions to undertaking refrigeration and climatization installations, so reducing CO2 emissions to the atmosphere. Currently, Tewis is one of the companies of

the Valencia Region with the best positioning both nationally and internationally, in the creation of installations for Hypermarket and Supermarket chains, Retail/Cash & Carry, convenience shops and franchises.

Thanks to its experience and knowledge, it provides companies of various sectors with projects that include the very latest and effective technologies. One of its aims, since setting up in the Technology Park, has been to undertake training in various fields so as to improve the skills of installers, engineers and customers in general. This training relies on the experience and knowledge of its professionals and on collaboration with specialists in industrial engineering. Tewis participates in various research projects and in the creation of different patents related to the use of natural refrigerants.

ZANOTTI SMART SOLUTIONS

REFRIGERATION SYSTEMS

www.zanottigroup.es | info@zanottigroup.es
Tel. +34 963 134 203 / Fax +34 963 500 787

Zanotti Smart Solution is a company specializing in the production of refrigeration units and cooling equipment optimized with the best COP and lowest TEWI rate on the Market

From its headquarters in Spain it offers the latest in industrial equipment for the refrigeration sector, being pioneers in the design of machinery for integrated refrigeration installations.

Zanotti's specialisation stems from the refrigeration sector by implementing refrigeration units in the foodstuffs sector: hypermarkets and supermarkets. Zanotti Smart Solutions provides the highest level in terms of products norms and certification. The CE mark guarantees the safety requirements in installations and besides since 1996 it has had ISO

9001 certification, one test more of quality in management design and production processes.

Among the most outstanding and most valued products on the market is the EcoSmart family that offers customers a new range of Eco-efficient machinery with natural refrigerants. These units employ hybrid systems with sustainable natural refrigerants and high energy efficiency: NH₃, Co₂ and propylene conceived for commercial and industrial installations based on the minimum TEWI rate and the best COP possible.

ELIWELL SYSTEM

ELECTRONIC CONTROLS

www.eliwell.es | info@eliwell.es
Tel. +34 963 134 204 / Fax +34 963 500 787

A company specialising in electronic controls and installation supervision systems

Eliwell offers a wide and innovative range of electronic controls, as well as tools for designing centralized technique management for domotic and inmotoc installations and retail and industrial installations in general. Using applied electronics, process parameterization and automation can be achieved in various installations, so facilitating the control and self-management of the same by the user.

Eliwell develops and manufactures measuring equipment for industrial applications that require high precision and reliability. Eliwell's experience in control and thermoregulation has allowed it to develop extreme configurability

and flexibility for adapting to different applications. Eliwell is the best solution in terms of measuring all variables that affect the commercial and industrial refrigeration sector, as its products are excellent for industrial applications that require a high precision temperature control.

The reliability, quality, versatility and capacity for extreme configuration are the main characteristics for which the installer trusts in using Eliwell products in their installations. Among its medium term projects are improved product distribution on the international level, thanks to the synergies provided by the digital platforms and rapid stock delivery that this division of Eliwell enjoys.



“Thanks to the R&D&I laboratory, regular theoretical and practical training takes place so maintaining direct contact with engineers, the distributors and installers of the sector by training them in Mol Group Companies products and technology”.

NAGARES

AUTOMOBILE ELECTRONICS

Parque Tecnológico
Nicolás Copérnico, 12. 46980, Paterna. Spain
Tel. +34 96 136 60 14 / Fax +34 96 136 60 15
gnd@nagares.com

WWW.NAGARES.COM

Since 1989, Nagares development and innovation centre has been evolving from electromechanics to engineering and power electronics, focusing on fuel saving and hybrid or electric vehicles.



Nagares manufactures all kinds of electronic components for the automobile industry and is a world leader in diesel control units. Its developments are aimed at the main automobile manufacturers, such as General Motors, Ford, Peugeot-Citroën, Renault-Nissan, Jaguar, Volvo, Land Rover, etc. Its R&D department participates in new projects throughout the design, development, environmental checking and electromagnetic compatibility stages.

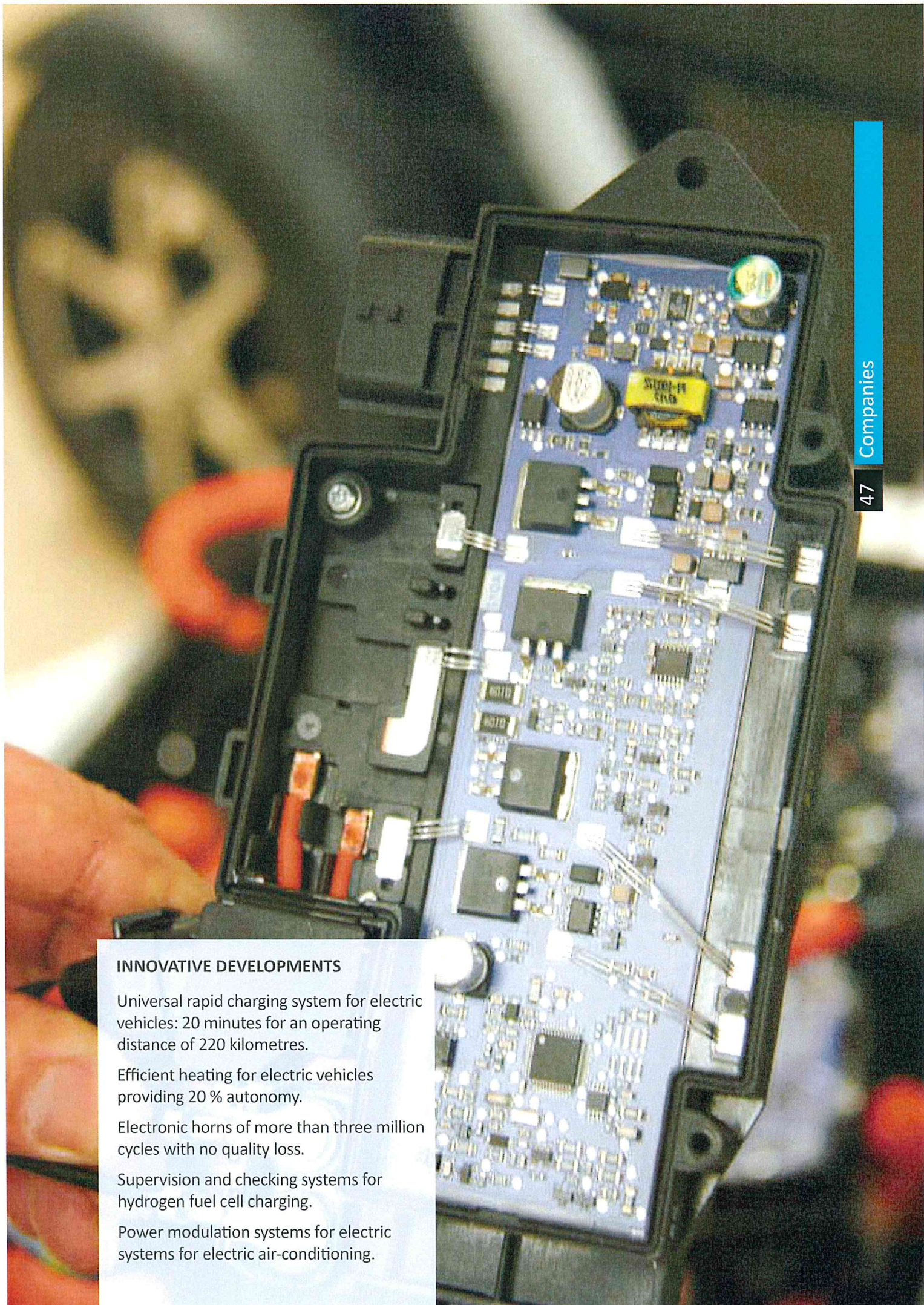
Nagares exports to markets on all five continents, mainly to the European Community and 12% of sales are made in the American market. It controls around 40% of the cold start Diesel systems market.

R&D

The key to Nagares' success in a sector as competitive as that of the automobile industry is its strong investment in R&D, which ensures innovative products with a high technological content. Its annual investment now accounts for 18 % of its turnover through which it manufactures products that in some cases are technologically more advanced than those of its competitors. In fact, investment in R&D has positioned Nagares as top level suppliers to the main automobile manufacturers, given that they actively participate and collaborate with those manufacturers' research and development departments.

With four production centres and the Paterna research and development centre, Nagares has consolidated itself as a group with more than 350 workers and a turnover of more than 60 million Euros, double that of 2009.

In more detail, the Paterna R&D centre develops specific products that are made-to-measure for its clients, and researches new applications and the very latest technologies in microelectronics and power control through IPS (Intelligent Power Switches), systems applied to pre-post heating control of diesel engines, timers, air conditioning systems, control of electrical motors, communication protocols such as CAN or LIN, etc.



INNOVATIVE DEVELOPMENTS

Universal rapid charging system for electric vehicles: 20 minutes for an operating distance of 220 kilometres.

Efficient heating for electric vehicles providing 20 % autonomy.

Electronic horns of more than three million cycles with no quality loss.

Supervision and checking systems for hydrogen fuel cell charging.

Power modulation systems for electric systems for electric air-conditioning.

POWER ELECTRONICS

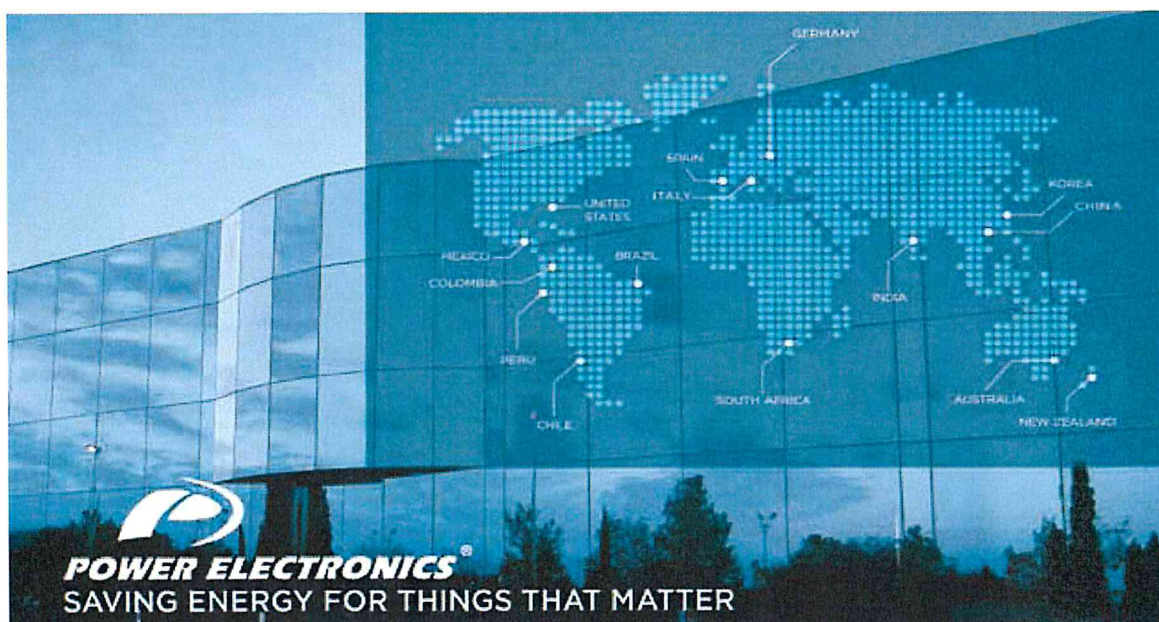
Parque Tecnológico
Leonardo da Vinci, 24 – 26. 46980, Paterna. Spain
Tel. +34 96 136 65 57 / Fax +34 96 131 82 01

WWW.POWERELECTRONICS.ES

Born in 1987, Power Electronics is a leading company specialized in the production of advanced solar inverters, variable speed drives and softstarters. The company is present in five continents and plays a key role worldwide in three business areas:

Variable Speed Drives, are essential in any industrial field for a better optimization of the energy consumption and a better motor control for optimizing energy consumption and induction motor control; **Electronic Soft Starters** avoid the mechan-

ical stress during the start-up of induction motors by means of smooth and gradual acceleration ramp-ups; **Solar Inverters** convert the continuous current coming from solar panels to alternate current, which is later injected in an electrical grid.

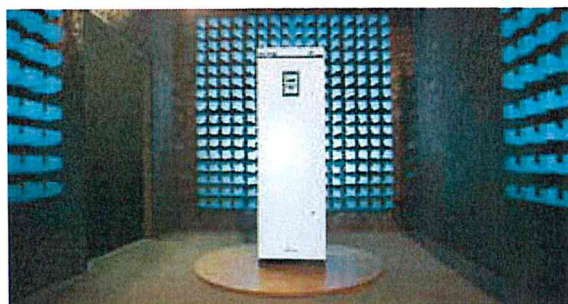


Power Electronics is the ideal partner in any water application, such as desalination, sewage or purification plants, pumping stations or irrigation systems. Power Electronics variable speed drives offer a high reliability and endurance and multiple functionalities for saving energy, which in the case of water applications can amount to 50%.

In the case of mining applications, the second main important sector in the industrial field, Power Electronics variable speed drives and softstarters are already installed in leading copper, aluminum, iron and coal extraction companies, whereas in

the field of renewable energies, more than 1,300 megawatts with Power Electronics solar inverters have been installed in countries such as Spain, the United Kingdom, Germany, Italy, the Czech Republic or Bulgaria.

Being present in 15 countries with an own sales and technical network has allowed Power Electronics to develop a new concept of customer service called Power on Support, which comprises a 24/7 telephone and field support, technical advice, free technical trainings and immediate deliveries worldwide.



“Power Electronics devotes 8% of its annual turnover to R&D. This strategy allowed the company to design and develop a product portfolio suitable for top level and cutting-edge companies”.



Since it began in 1991, Grupo Siro has become one of the largest business groups in the food industry in Spain. This project has gradually taken shape through the purchase and later integration of various prestigious companies and centres of production already established on the national market. In 2011, the company set off on the path to internationalisation by entering the United States market and now has offices in the U.S.A., England, Portugal and Italy.

In the year when it began operations, it had a turnover of 9.6 million euros. By 2012 this had grown to 540 million euros and an EBITDA of 81 million euros. Grupo Siro is considered the fourth best company of the foodstuffs sector in which to work in Spain and number one in terms of Spanish capital, according to the Spanish Corporate Reputation Monitor (MERCO), and is the fourth most Responsible Company and fifth best Corporate Reputation Company of the food industry. To this have contributed initiatives such as the sponsorship of Paralympic sportsmen and women, its collaboration with the Spanish Federation of Food Banks, or its equal opportunities at work programme for men and women.

The Paterna factory is responsible for the production of a wide range of sliced bread and produces more than 45 million kilos

a year, whilst the rest of the installations are responsible for the manufacture of the other food products of the group, such as biscuits, pasta, buns and cakes, pastries, cereals or snacks. Thanks to its research centre *I+DEA*, the group can develop new equally tasty foods, but with less fat and sugar, replacing these with, for example, fibre.

Following the signing of the agreement with one of the largest distributors in Spain, Mercadona, Grupo Siro has invested 240 million euros since 2004, which has enabled it to keep growing and take on projects aimed at providing the highest quality products. Up till 2014, the company expects to invest around 200 million euros in order to achieve 400,000 tonnes of production which will increase its sales to 700 million euros.



GRUPO SIRO
La familia

The company has 24 centres, employing more than 3,600 people, an automated logistics warehouse, a food waste evaluation centre and a centre devoted exclusively to R&D&I in which 64 researchers are employed.

TECNIDEX

TÉCNICAS DE DESINFECCIÓN, S.A.U.

Fuente del Jarro
Ciudad de Sevilla 45-A. 46988, Paterna. Spain
Tel. +34 96 132 34 15 / Fax +34 96 132 10 77
admon@tecnidex.es

HORTICULTURAL HEALTH

WWW.TECNIDEX.ES

TECNIDEX is a Valencian company that manufactures chemical products and provides technological, advisory and after-sales services on the health of quality fruit and vegetables. It was founded in 1980 as a services company for fruit and vegetable packing centres and has been expanding its activities to include research, development, registration, homologation, manufacturing, marketing, consultancy and after-sales services on chemical products and equipment for ensuring fruit and vegetable health and quality in the post-harvesting process.



This Paterna company has become a benchmark of fruit and vegetable health for consumers in both national and international markets. It is a leader in the post-harvesting health sector, thanks to its commitment to quality and technological innovation through a wide range of products, electro-mechanical equipment, and technical advisory, consultancy and after-sales services.

With an investment of more than 6% of its profits in

R&D&I, TECNIDEX offers products and *ad hoc* solutions through its own laboratories, devoted to chemical, agrobiological and electro-mechanical analysis. Through these, it creates products, equipment and machinery under patent for its production areas, such as waxes and detergents, treatments and disinfection or preservation, among others developed to ensure the best fruit for the customer.

“ All products are the result of formulae developed in their own laboratories with their own registrations, homologations and brand names.

“ Currently TECNIDEX is working on more than ten innovative projects aimed at providing new solutions to issues of horticultural health.

TISSATSOFTWARE AND CLOUD
COMPUTINGParque Tecnológico
Leonardo Da Vinci, Portal 5. 46980, Paterna. Spain
Tel. 902 202 222
info@tissat.es

WWW.TISSAT.ES



Tissat, a Spanish company with over 20 years of experience in the market, is a leader in infrastructure, platform and applications management in service mode. It offers advanced solutions and services for complex communications and internet environments, providing value to the business processes of organizations

The company enjoys excellent positioning in service provision and applications development for the end customer and provides a reference model of efficiency and power management worldwide, as a consequence of its continuous policy of investment in R&D&I. Outstanding among its areas of business are its global management of technological assets, its centres of integrated care, emergencies and public safety, as well as the development and integration of free software and the exploitation of data processing centres.

Its specialization in outsourcing critical mission services has resulted in ICT multinationals featuring among its main clients.

The new Tissat data centre, known as Walhalla, is

one of the most advanced data centres in Europe in terms of its Safety and Energy Efficiency, which allows it to offer its customers the security and confidence they require, appropriate for a centre that boasts Tier VI certification, from the Uptime Institute. Besides, it is the only data centre of these characteristics commercially available in the south of Europe.

This Green Data Center is an "Eco-efficient Centre for Experimentation in Advanced Communications Technology" and is located in the Technology and Science Park Espaitec of the Universitat Jaume I of Castellón, a Project co-financed by the Ministry of Science and Innovation and the European Regional Development Fund.

WALHALLA holds the “Innovation in the Medium Data Center” award, which it received at the Datacenter Leaders Awards of London in 2010.

Tissat has offices in Madrid, Murcia, Castellón, Bilbao and Vitoria, as well as the central offices situated in the Paterna Technological Park.

TOPCON POSITIONING SPAIN

TOPOGRAPHY AND MEASURING

Parque Tecnológico
Ronda Narciso Monturiol, 6. 46980, Paterna. Spain
Tel. +34 96 136 60 94 / Fax +34 96 131 83 45

WWW.TOPCONPOSITIONING.ES

With 80 years of experience, **Topcon Positioning** is the largest company in the world in the manufacture of positioning instruments and offers a full range of high technology products for survey applications, millimetric precision GPS, monitoring systems, Lidar Mobile Mapping Systems, construction lasers, machinery control and precision agriculture.



The Paterna delegation is one of the most important in Spain, as in its 15 years of existence, it has become a benchmark of the sector. It is responsible for the sale, repair, hiring and technical back-up of the company's products and has its own classroom at the Polytechnic University of Valencia that serves as a meeting point for professionals of the sector.

With another 7 delegations on the Peninsula and a network of distributors throughout the world, Topcon also develops products aimed at ophthalmology and optometry through its Eye Care section.

However, without doubt its Lidar Mobile Mapping System line has been the most spectacular development of the company, as this technology allows one to obtain precise information and minimizes time as it is mounted on a vehicle that combines laser scanning technology, GNSS and inertial measurement units.

Recently, with the purchase of SOKKIA and the agreement

reached with the manufacturer FARO, Topcon now has a wide range of products for developments in the naval, aeronautic and automation industries, and always with maximum precision products.

Its range of 3D scanner lasers make a sweep of up to 1 million points per second to undertake 3D surveying of streets, buildings and interiors, as well as virtual visits and to supervise buildings in their entirety during building work.

In the field of automation and machinery control (and especially 3D civil works systems) Topcon is the leader with a 90% market share in the installation of machines with sensors for achieving, through GPS or robotized total station, the control and execution of work in 3D. These devices are used from the beginning of the work, throughout all areas of work (clearing, earth layer spreading, levelling out ballast, ground stabilizing, firm base layers or spreading sub-ballast) thus providing absolute control of the materials, times and quality of undertaking.



A more recent solution of Topcon has been the adaption of its guidance and automation systems to agriculture. Thanks to the precision of its devices, the crop, sowing and harvesting, can be undertaken with hardly any human assistance and with a precision from the 30 centimetres using EGNOS to the 2 cm in RTK /NTRIP mode, by installing GPS self-guidance in whatever tractor or ploughing device. Likewise, in ground levelling, the GPS has caused a true revolution, bearing in mind the seasonal nature of this sector, as the work can be done at any time, having all the visual information of the plot in real time and avoiding the problems that laser suffers in situations of scarce light and climatological factors (fog, dust, extreme temperatures, etc.).

TSB Tecnologías para la Salud y el Bienestar applies and develops new technologies for personalized healthcare and well-being. TSB was founded as a spin-off of the ITACA Institute of the Polytechnic University of Valencia and has over fifteen years of research experience in the healthcare sector.



TSB has a qualified team of professionals from different sectors including telecommunications, informatics and healthcare. With national and international business relations, the company provides flexible and efficient solutions to satisfy customers' needs.

In particular TSB has specialized in the development of products and services in areas related to chronic diseases management; identification, location and tracking for clinical safety, as well as conceiving, developing and deploying innovative projects in healthcare.

TSB facilities have also built-in infrastructures for developing and testing new solutions and systems.

TSB's Living Lab, together with the "Smart home for the development of well-being systems", allows the company to try out and validate new ideas and systems, with special focus on Ambient Intelligence (AMI) and Ambient Assisted Living (AAL). The CIAMI (Centro de Investigación Experimental en Aplicaciones y Servicios de Inteligencia Ambiental) is a built-in infrastructure that joins a physical habitable space, where anyone could live comfortably with technologies that are integrated in the environment. The aim is to create an intelligent space where, under real conditions, the technological prototypes can be tested with possible end-users.

ABOUT OUR PROJECTS

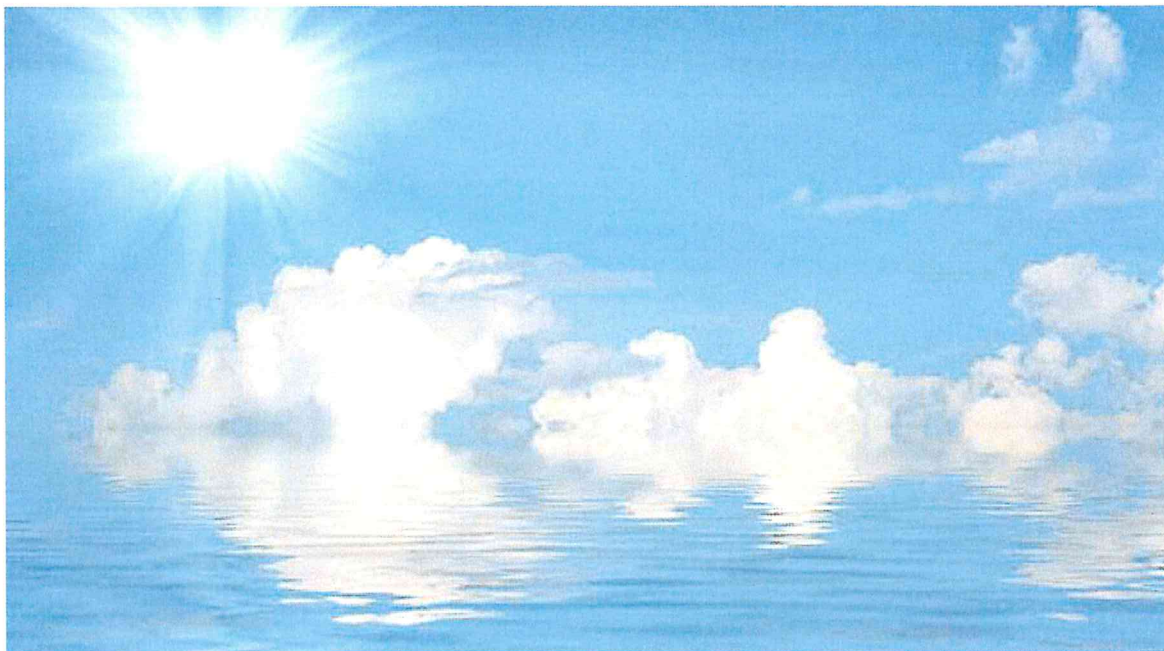
Due to the fact that TSB is aware of the need for new products satisfying society's demands we are committed to research and develop projects. TSB supports e-Inclusion projects looking for technologies to improve the quality of life for people with special needs. Nowadays, TSB is involved in 13 projects focused on health tele-monitoring, detection of behavioural patterns or advanced contents platforms, among others.

VINCI ENERGÍA

RENEWABLE ENERGY
SYSTEMS

Parque Tecnológico. Edificio CEEL, módulo 22.
Benjamin Franklin, 12. 46980, Paterna. Spain
Tel. +34 96 199 42 54
ingevinci@ingevinci.com

WWW.INGEVINCI.COM



Vinci Energía is a technology-based engineering company with over 10 years worth of experience in renewable energy systems, particularly in the solar-thermoelectric power sector. The company has developed an R&D project to explore new solar collector models. Co-financed by the Centro para el Desarrollo Tecnológico Industrial (CDTI) and EU FEDER funds, its aim is to study new strategies in solar concentration for thermoelectric applications within a low power range (from 10 kW).

The project has helped the company build its thermodynamic system, patented worldwide and known as Luter. It can generate up to 10kW per module thanks to the transformation of concentrated heat into energy by means of an external combustion engine. With 25% efficiency –almost double that of photovoltaic power– its prospects in the renewable energy sector are bright, given its large production, high efficiency, management capacity and, above all, low cost. Additionally, it does not require any water, as opposed to other thermoelectric systems, thus reducing its environmental impact most drastically.

Compared to the large and costly parabolic troughs or heliostat power plants, Luter is scalable, allowing the necessary modules to be installed in accordance with consumption. Its electrical generation is distributed over a reduced area for low to medium power levels but the system can cater for megawatt investments too. It can also generate energy for several hours without sunlight thanks to its thermal accumulator.

The design and research process has been completed, and


a prototype is being tested with support from the Instituto para la Diversificación y Ahorro de Energía (IDAE) and CDTI. The system has another advantage: both its manufacture and installation are less costly and it is more environmentally friendly than photovoltaic energy or other thermoelectric systems.

With the VINCI technology, alternating current can be obtained directly and then distributed to any network, even low voltage ones. This increases the availability of network access points and reduces the infrastructure necessary for connection to any electrical network.

ADVANTAGES OF THE *LUTER* SYSTEM

No water consumption

25% energy efficiency



Technological
Institutes

AIDIMA

SHEER INNOVATION

TECHNOLOGY INSTITUTE

Parque Tecnológico
Benjamin Franklin, 13. 46980 Paterna. Spain
Tel. +34 96 136 60 70 | Fax +34 96 136 61 85

WWW.AIDIMA.ES

The Technology Institute of Furniture, Wood, Packaging and Related Industries, AIDIMA, is a crucial and strategic ally to the processes of innovation of the habitat sector companies.

The experience of the **Technology Institute**, acquired since it was set up

31 years ago, is the result of a highly complex industrial reality in which this Research Centre has focused all its efforts and knowledge, so as to contribute resources to the industrial fabric and, hence, continuously improve their competitiveness.



Three decades of talent

AIDIMA has played a crucial role in business development over these last three decades and has contributed decisively to encouraging a culture of innovation into company strategy. Innovation here is understood to include the wide spectrum that products, industrial processes, organisation and positioning in the market present.

The development of Spanish furniture from the end of the last century reflects an unprecedented transformation towards quality, design and innovation, a process that has raised the profile of Spanish furniture to a position where it is now well known internationally for its own particular characteristics, and a process in which AIDIMA can claim to have played a decisive role.

By way of example, the Technology Centre has been a member of the AENOR Board of Directors and held the position of technical secretary various times. It has also par-

ticipated in other national and international organisations for the development of standards that regulate the testing of raw materials and semi-processed or finished products. This enormous work in standardisation has reaped its rewards in the numerous accreditations that the Institute has acquired for certifying products –in its latest generation laboratories- and that meet all the needs of the wood, furniture and associated industries such as paints, varnishes, and adhesives, among others, as well as having the most advanced laboratory for the transporting of general goods, hazardous goods and cellulose material.

In this way, and as a value in line with the aims of the Technology Centre, the first “Quality Symbol” for Spanish furniture was established in 1994. This mark is awarded to products that achieve the quality and reliability that consumers demand of a certain product.



AIDIMA, Sheer R&D

All the resources within the reach of the industry are possible thanks to the R&D management model of AIDIMA, which proposes projects in line with company needs, in such a way that, either as a collective response through subsidised projects, or as an individual approach, the Technology Institute provides a comprehensive and specific service in the areas required.

At the outset, AIDIMA developed, in collaboration with a Valencian company, the first computer numerical control

(CNC) for wood working in Spain, and introduced the first CAD system for furniture: Since then projects, research and initiatives have been constant and numerous over the years. Among the most important, we could mention the relevance of all the applications in nanotechnology, or the re-creation, for the first time in Spain, of a house capable of identifying and offering its inhabitants features depending on their habits and integrated into an inter-connected unit with home automation applications.



At the service of industry

Undoubtedly, the work developed over these years by AIDIMA has allowed the furniture, packaging and associated industries to incorporate into their productive systems a knowledge that stems from applied research and the search for solutions to the business needs, so generating a know-how that has encouraged the growth and competitiveness of the industrial fabric.

As a consequence of all this work AIDIMA was recognised by the European Union in 1999 as a Centre of Excellence in R&D for the sectors of furniture, wood, packaging and associated industries, the only Centre of these characteristics recognised as such in Europe.

In recent years, furniture sector companies have advanced towards greater diversification and have been seeking new markets and customers. In this process the work of AIDIMA has been crucial in research and services in order to strengthen their competitiveness and positioning.

AIDIMA offers a comprehensive service to industry that includes different areas and laboratories undertaking more than 30,000 tests a year. These are the Furniture Laboratory; the Reaction to Fire Laboratory; Process Logistics and Technology; Goods Packaging and Transport; Materials Laboratory; Cellulose Laboratory; Environment Laboratory; Wood Biotechnology Laboratory; Markets and Strategy Analysis; Human Resources Training and Development, and Information Technologies.

AIMME

A TECHNOLOGICAL BENCHMARK FOR THE METALWORKING INDUSTRY

METALWORKING TECHNOLOGY INSTITUTE

Parque Tecnológico
Leonardo Da Vinci, 38. 46980 Paterna. Spain
Tel. +34 96 131 85 59 | Fax +34 96 091 54 46
comunicacion@aimme.es

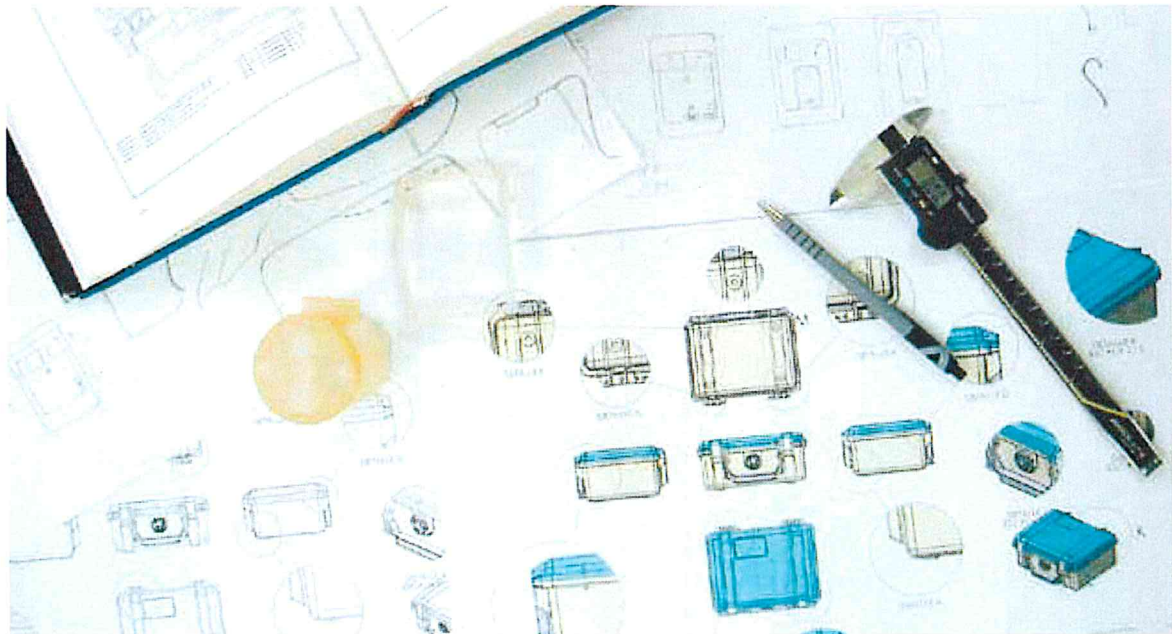
WWW.AIMME.ES

With 25 years of experience under its belt, the Metalworking Technology Institute of Valencia (AIMME) has established itself as a benchmark technology partner of the metalworking industry, at a regional, national and international levels.

This private non-profit making association, located in the Paterna Technological Park, provides support for SMEs in improving their key operational processes, from the design, manufacture or organisation of production to the management and training of personnel. In particular, it has developed a total of 1,250 research projects, around 37,500 laboratory tests and has undertaken more than 150,000 educational hours in continuous and compulsory training and technical day conferences. During these 25 years of intense activity, AIMME has diversified to include almost 750 types of services and advanced technological products and laboratory tests that, with the aim of

developing and integrating innovative elements into their productive structures, offer companies the possibility of redirecting their management structures and seeking new business opportunities.

Its activity includes engineering and environmental management, surface treatments, transformation processes, product engineering, mechanical/electrical/electronic engineering, additive manufacturing technologies, lamp safety, metrology, calibration, risk prevention and quality at work, organisation and the management of production, innovation and knowledge.



For a number of years now, it has focused its efforts on making operational excellence explicit along the following lines:

- Technologies of environmental correction applied to industrial problems.
- Metallic materials and surface treatments.
- Overall product development: rapid production cycle and rapid manufacturing.

The centre's skills in the field of additive manufacturing are noteworthy. AIMME occupies 2,800 square metres housing the widest range of rapid manufacturing technologies in the

Valencia Region. AIMME is a cutting edge centre in the industrial application of these technologies, participating in various national and European projects in this field.

AIMME is also committed to promoting training that allows its trainees to take full advantage of the latest technologies and management systems that companies either use or demand. To do so, it facilitates access to a comprehensive training provision through masters, courses, or technical day conferences, based on the view that investment in training, along with R&D and innovation are, very probably, the qualitative difference between one economy and another.

AIMPLAS

PLASTICS TECHNOLOGY INSTITUTE

Parque Tecnológico
Gustave Eiffel, 4. 46980 Paterna. Spain
Tel. +34 96 136 60 40 | Fax +34 96 136 60 41
info@aimplas.es

WWW.AIMPLAS.ES



The Plastics Technology Institute (AIMPLAS) was founded in 1990 and since then has been a member of FEDIT (Spanish Federation of Technological Centres) and REDIT (Technological Institute Network of the Valencia Region).

It is a non-profit making body that acts as a technological partner to companies linked to the plastics industry, offering them comprehensive and personalised solutions by coordinating R&D&I projects and technological services (testing and analysis, technical consultancy, training and competitive and strategic intelligence).

AIMPLAS takes part in various technological platforms and networks both on the national and international level related with the promotion and investigation of materials (sustainable compounds and nanomaterials) and others centred on innovation in certain technologies such as printing or construction and aeronautics. Moreover, AIMPLAS has promoted the creation of the European Compo-

sites, Plastics and Polymer Processing Platform (ECP4), the aim of which is to bring together all the main companies and research centres of the plastics industry in order to define strategies that may improve the excellence and competitiveness of the sector through innovation in the transformation processes.

Last year, the return on investment for companies that had participated in the R&D&I projects of AIMPLAS amounted to 5.2 million Euros, in sectors such as packing and packaging, transport, construction or raw materials. Furthermore, it has six patents and five in process that involve the production of modular parts with resin systems, the internal coating of concrete pipes or inside panels for aircraft.

Figures for AIMPLAS in 2011



8.7 million
euro income



115
professionals



More than 1,500
client companies
and 499 associated
companies



117 R&D&I projects
(80 national and 27
European) with the
participation of 234
companies



5,500 analyses
and tests per year,
and 520 technical
consultations

AINIA

TECHNOLOGICAL CENTER

Parque Tecnológico
Benjamín Franklin, 5-11 – 46980, Paterna. Spain
Tel. +34 96 136 60 90
informacion@ainia.es

WWW.AINIA.ES

Technological center: 25 years of innovation for the SMEs
Ainia is the best partner for businesses. We believe in competitiveness through innovation. We are specialists in R&D+i



Technological areas

Food technology
Biotechnology
Nanotechnology
Electronics and communications
Chemical Technologies
Environmental and Energetic Technologies

Industrial applications

Food & Health
Food quality & Safety
Design and Industrial Production
Sustainability
Packaging

Industrial sectors

Food
Energy
Chemicals
Pharma
Cosmetics
Packaging

Equipment

7 laboratories
10 pilot plants
Industrial plant of supercritical technology
researchers' room
Classrooms for training
Consumolab facilities: testing rooms, industrial kitchen

AINIA in figures



15.5 million
euro in revenue



194
professionals



911
associated companies



19
patents



1,227 clients

AITEX

A CUTTING-EDGE TEXTILE
RESEARCH INSTITUTE
TEXTILE TECHNOLOGY INSTITUTE

Parque Tecnológico
Benjamin Franklin, 14. 46980, Paterna. Spain
Tel. +34 96 131 81 93 | Fax +34 96 131 81 83
info@aitex.es

WWW.AITEX.ES

As a Technological Centre, all the activities of AITEX revolve around research, development and innovation in the textile sector. AITEX R&D is clearly aimed at applying technological research, development and innovation to functional products, taking into account the needs and opportunities of the market, end users and consumers.



Currently, AITEX has more than 1,000 associated companies and during the last financial year undertook more than 152 projects with the participation of 507 companies. The research that the Institute carries out focuses on the following sectors of application: Aeronautics, Textile Architecture, Automotive products, the Textile Value Chain, Sport and Leisure, Geotex-

tiles, Habitat, Hygiene and Cosmetics, Clothing, Medical and Hospital supplies, Fashion, Safety clothing, Sports surfaces and Public Transport.

Outstanding among all the research lines that AITEX develops are, for their importance, the advances that AITEX is committed to in the following fields of science and technology.

BIOMEDICINE. In collaboration with La Fe Hospital of Valencia, research is being carried out into creating a textile backing (a nanostructure) that will facilitate cellular regeneration of damaged living human tissue (burns to the skin, nerves, bones, cartilage, etc.).

HEALTH. In collaboration with companies of this sector, various functional textiles are being developed, some of which are protected by patents and already on the market, as, for example: sheets that help the skin to regenerate, anti-stress sheets, curtains that provide protection against electro-magnetic radiation, silver containing biocide and anti-odour underwear, or baby clothes with a high protection factor against ultraviolet radiation (UPF) and with anti-microbial properties.

BIOTECHNOLOGY. AITEX is working in the Pilot Plant for Thermoplastic Fibre Extrusion in order to develop new materials from biofibres and from biopolymers coming from genetically modified micro-organisms. Moreover, it is working on developing new processes of surface finishes based on the use of enzymes (protein substances produced by living cells) in which it cooperates with

biotechnology companies of recognised prestige.

NANOTECHNOLOGY. Development of new materials based on nanotechnology. Lighter and stronger fibres through nanoaddition of carbon nanotubes. Materials are achieved with a resistance 15 times greater than those of the present aramid fibres. The Institute works closely with multinational fibre manufacturers in these fields.

DEVELOPMENT OF NEW MATERIALS using the most advanced technologies with the greatest performance (with less thickness) in the field of insulation and acoustic conditioning and with applications in building or transport.

PERSONAL PROTECTIVE EQUIPMENT. Outstanding in this area is the new infrastructure developed by AITEX in collaboration with the Energy Technology Institute (ITE) aimed at research into new materials that are resistant to the thermal effects produced by an Electric Arc.

Through this research product, the responses of materials, tissues and items of clothing that form part of Personal Protective Equipment (PPE) can be better understood through the experimentally controlled generation of a high-energy electric arc.

Furthermore, the Institute is highly committed to the development of Made in Green Certification, which guarantees the absence of harmful substances to the end consumer.

Through its internationalisation and stable alliances strategy, it

has managed to contribute added value to its companies and to improve their competitiveness, and currently has offices in Canada, Lithuania, Mexico, Brussels, Brazil, New Delhi, Pakistan and Shanghai.

ITE

SOLUTIONS FOR A SMART ENERGY WORLD

ENERGY TECHNOLOGY INSTITUTE

Parque Tecnológico
 Juan de la Cierva, 24. 46980, Paterna. Spain
 Tel. +34 96 136 66 70 | Fax +34 96 136 66 80
 ite@ite.es

WWW.ITE.ES

The Technological Institute of Energy (ITE) is a private international non-profit making association created by business initiative and backed by the Valencia Regional Government. ITE aims its products and services at the companies and public bodies belonging to the energy sector in all its different fields such as Smart Grids, Electric Vehicles, Energy Storage, Renewable Energies, Green Building, Smart Cities, Efficiency in Industry or Smart Metering.

This Institute is backed up by more than 15 years of experience in the sector and collaborates closely with companies, so as to make them more competitive by helping them to innovate their processes and products, driving forward their moderni-

sation and diversification, by searching for the best ways of achieving an international positioning.

Outstanding among ITE's main services and products are the search for solutions to generating business in the energy sector, consultancy services, advisory services, certification and testing services, as well as the training of professionals of the sector.

ITE actively contributes to the development of companies, providing an impetus and facilitating innovation and technological development; it provides solutions by incorporating technology into project development and R&D&I services, trials, technological advice, training and technological diffusion.

Energy R&D&I

R&D&I lines are aimed at creating services and implementing projects of a strategic nature based on technological innovation. It provides solutions to companies through innovative projects for generating business in the energy sector:

Monitoring, control, and automation to improve energy efficiency in the industrial and domestic sectors.

Integration of the electric vehicle into the electricity network.

Inter-operability between the communications of SmartGrid elements and integration of their energy storage.

Response to and management of energy demand.

New materials for storage.

Improving electricity supply quality

Designing electric field screenings and reducing electromagnetic fields.

Tools for decision making in electrical energy distribution systems.



ITE has laboratories specializing in Energy Storage and New Materials, Smartgrids and Inter-operability, Biomass, Equipment and Consumer Goods, Acoustics, Vibrations and Electromagnetic Fields, Metrology, High Voltage and Microgrid.

The Institute has its own a Research Results Transfer Office which also advises on dealing with patents, public aid or European programmes, In 2010, for example, ITE developed around twenty projects and studies leading to improvements in energy efficiency with new materials, the maximization of consumption or the development of fuel cells.

ITENE

PACKAGING, TRANSPORT & LOGISTICS RESEARCH CENTRE

Parque Tecnológico
Albert Einstein, 1. 46980, Paterna. Spain
Tel. +34 96 182 00 00 | Fax +34 96 182 00 01
info@itene.com

WWW.ITENE.COM

The mission of the Packaging, Transport & Logistics Research Center is to generate scientific and technological knowledge and add value to sector companies through our R+D+I projects.

We provide business solutions from an overall perspective of the supply chain, from raw materials to the design and development of packing and packaging systems, the optimization of transport and distribution of goods, delivery to the end consumer and their eventual waste management, all within the framework of sustainability.

ITENE boasts a multidisciplinary team of researchers and technicians with proven experience who are constantly evolving and state-of-the-art infrastructures to ensure the

very highest working standards.

ITENE collaborates actively with research centers and companies all over the world, fostering cooperation and the transfer of technology with a vision geared towards the needs of the areas in which it operates.

With regard to the industrial sector, ITENE helps to improve its competitiveness by increasing the quality of production, promoting internationalization and optimizing the movement of products through the logistics chain.

WHO WE WORK FOR

ITENE works for every sector in which packing, packaging, transport, logistics and mobility represent a strong competitive advantage. We help them to learn about and implement best practices.

R&D LINES

- Nanomaterials
- Development of Advanced Materials.
- Packaging Systems Optimization.
- Packaging Systems & Technologies.
- Advanced Smart Systems.
- Sustainability.
- Advanced Logistics.
- Safety.
- Transport and Mobility.
- Equipment Design and Development.

FACILITIES

ITENE has 5,000 square metres of laboratories and experimentation facilities equipped with the most modern technology for the research, testing and development of products and services.

- RFID Logistics TechCenter.
- Transport Risks Simulation Centre.
- Centre for the Development of New Materials.
- Laboratory for the quality control of packing and packaging materials.
- Quality control and material classification laboratory.
- Nanoresources Development Plant.
- Waste Pre-treatment Plant.
- Pilot Packaging Plant.

OTHER SERVICES

- Carbon Footprint Office.
- R+D+I OFFICE: From technological vigilance to competitive intelligence.
- ERP implementation.
- Quality and Certification.





Success

stories

Heron City



● www.heroncityvalencia.com

● marketing@heroncityvalencia.com

● Pista de Ademuz, salidas 6 & 7. 46980, Paterna. Spain

● Tel. +34 96 316 02 98 | Fax. +34 96 390 01 96

Known as **“the city of entertainment”**, Heron City is the number one leisure centre of the city. With more than a decade of experience, its more than 40,000 square metres are devoted to family leisure and entertainment, including more than 30 shops, 24 cinema screens and 8,400 seats, a discotheque and 3,000 parking spaces.

Every year around 5 million people from all over the province of Valencia make use of the leisure and cultural programme of this complex, located next to the A-7 and involving an investment of 75 million Euros. A bowling alley of 26 lanes, a sports centre, children's area... Heron City complements its wide variety of tastes with well known refreshment and fast food firms,

open throughout the year. Moreover, its installations offer a wide variety of the best national and international cuisine, as well as cafés and pubs.

Commercially, Heron City makes its facilities available for all kinds of business events, such as product exhibitions, cultural exhibitions, promotion stands, advertisement filming, conventions and static publicity.



Investment: 75 million EUR | **Employment:** 1,000 direct jobs | **Surface area:** 40,000 m²



HRT

www.hrtflteam.com

For a number of months, the Formula 1 HRT team installed its logistics centre in one of the modular industrial units in the Tàctica Business Park, where its drivers and technical team undertook the final preparations to their team car for the 2012 season.

Bauhaus



www.bauhaus.es

A pioneer in choosing materials for the house, garden and workshop, **BAUHAUS** opened its first shop in Mannheim, Germany, in 1960 and now has more than 200 centres throughout Europe.

Under the philosophy of offering specialized products under one roof, this German multinational has established its sixth shop in Paterna, Spain, and the first in the Valencia Region, with 32,000 square metres of surface area and an investment of 37 million Euros. Located next to the Heron

City leisure complex, its opening is planned for 2014 when it expects to create 200 direct jobs and 100 indirect ones. Planned as a modern building that respects the environment, the BAUHAUS shop in Paterna has a solar roof and a rain water recycling system.



Investment: 37 million EUR | **Employment:** 300 direct and indirect jobs

Surface area: 32,000 m² | **Premises:** 20,000 m² | **Parking space:** 12,000 m²



“Paterna is the ideal site due to its strategic situation and proximity to grand road and rail infrastructures”.

Carrefour Planet

● www.carrefour.es

● Tel. +34 902 20 20 00

● Urbanización Polígono Norte. 46980, Paterna. Spain



Carrefour began its activities in 1973 in Barcelona with the El Prat hypermarket, a new widely accepted format from which the modern concept of distribution was born.

At the end 2007, and with a presence in the 17 Autonomous Regions, Carrefour Shopping Centres run, under its own name, 161 hypermarkets, 90 supermarkets, 110 shopping malls, 138 finance and insurance offices, 80 travel agencies, and 81 petrol stations. The net turnover in the financial year amounted to 9,344 5 million Euros and it ended the year with a staff of more than 48,400 people.

Carrefour's commercial concept is based on democratizing consumption, with the freedom to choose products, brands and prices, by providing discounts on products. Paterna has a hypermarket of 123,000 square metres and every year receives the visit of thousands of consumers, so generating one of the most important turnovers in commercial terms in the city.

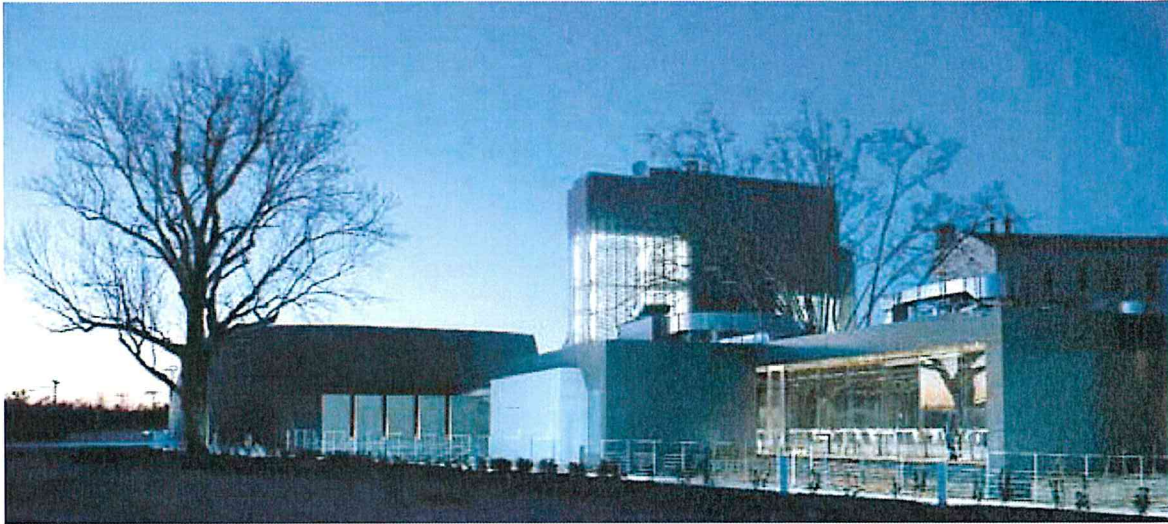
Molino Real

● www.molinoreal.es | info@molinoreal.es

● Tel. +34 96 138 70 34

● Camino del Testar s/n. 46980, Paterna. Spain

● Tel. +34 96 316 02 98 | Fax. +34 96 138 49 12



The Valencian company Molino Real has an innovative complex in Paterna dedicated to managing events, and situated in 23,000 square metres next to the restored windmills of Testar, Martinet, Ferrando and Escaleta.

With an investment of 18 million Euros, they have managed to raise awareness of the cultural heritage that drives the provision of conference and incentive tourism. It now represents the largest historical and monumental set of restored windmills in Spain.

The characteristics and resources of its offer make Molino Real the only private complex classified as a cutting-edge space for Convention Bureau Tourism, a prestigious qualification only awarded to spaces that, due to their architectural characteristics, their cultural offer or their

spectacular concept, are considered as reference points for tourism in the city of Valencia by the rest of Spain, such as the City of Arts and Sciences, the Conference Centre or IVAM.

These four historical windmills have been refurbished and connected so as to house an integrated provision of refreshment services and rooms for events, using a cutting-edge and innovative design. In total, they amount to more than 2,000 square metres that allow for any type of celebration or business meeting for around 1,700 people.

Gastronomy, sports, sea,
natural environment, beach, forest...

Environ-

ment

Natural environment

With more than a quarter of its territory occupied by **green zones**, Paterna is one of the largest towns in the region where sustainability perfectly fits in with residential and industrial activity. And, at its heart, is the Central Park, a complex of 80,000 square metres that provides a green lung to the town, with its sports areas, recreation areas, and a botanical garden that includes all the tree and flower species of the region.

Moreover, Paterna has the privilege of being one of the new towns that plays host to the Turia natural Park in its municipal area, which today forms the largest natural recreation space of the region.

It was declared a natural park in April 2007, and covers an area of 47 square kilometres, twice that of the Albufera of Valencia Wetlands. It provides a sample of the rare and much appreciated woodland of the Mediterranean coast that is associated with the river Turia. Moreover, the existence of pine forests, of Holm oak and Mediterranean wetlands, together with an extensive representation of Va-

lencia market gardening, is highly valued for its richness in terms of biodiversity and traditional values.

Throughout the year the Ceramics Museum and the Paterna Turia Natural Park Office organise a multitude of activities and excursions around the most spectacular green landscapes of Paterna. One of the best attended is that which sets off from the museum itself and goes through the park, passing the Pontó or Despeñaperros viewing point, the Barranco del Rubio gully, the Casa Azud of the Moncada Royal Irrigation Channel and the Reina viewing point.



Following the Moncada Royal Irrigation Channel, you reach the Pontó or Despeñaperros viewing point. For the hilltop it is possible to descend to the river park itself, where canes

and riverbank vegetation abound. Along the paths, walkers and cyclists also abound, who walk or cycle along the riverbed to enjoy some of the most wonderful natural outings.

Gastronomy

If one had to choose only something closely linked to the Mediterranean climate, it would no doubt be the gastronomy. The temperature, quality of water, and agricultural spaces provide it with one of the most prestigious and healthy gastronomies in the world and Paterna, as with all the region, is one of the towns that has the privilege of elaborating this type of cuisine.

More than 20 Geographical Designations of Origin back up the Mediterranean diet with fresh top-quality produce. The wine of Utiel and Requena, the tiger nut and the Paella of Valencia, the nougat of Jijona and the Valencian orange bear witness to that, and thanks to its combination of vegetables from its market garden area and the fish from the Mediterranean, traditional market food reigns in what its hotels have to offer.

Paterna has around 300 establishments that cater for any culinary speciality, from restaurants dedicated to the famous Spanish tapas to international cuisine, not forgetting grill houses, home-made cooking and fresh market cuisine. All of this is to be found both in the different town centres and in the different business parks of the area, which makes it a very attractive venue both for moments of free time and for business meetings.



El cachap, the sweet flavour of Paterna

“ Present at every Paterna festival are the cachaps, the traditional sweet of Paterna, the history of which goes **back to 1830**. For more than two centuries, the Rosario de Paterna Bakery has been responsible for exclusively making these delicious cakes consisting of fine crispy layers of pastry filled with cream”.



Typical cachap of Paterna

Over all those years, the recipe has passed down from one generation to the next while maintaining all its flavour. The strict preparation process, ingredients and formula, as well as their cooking have been rigorously passed down from parents to children, making it one of the best guarded secrets of the town.

Tradition has it that the first cachaps were made more than two hundred years ago and were the work of Celestino Monrabal. However, it was his son, the young, Mariano Monrabal, from which the first historical documents on the making of the pastry in the year 1829 are obtained. These and

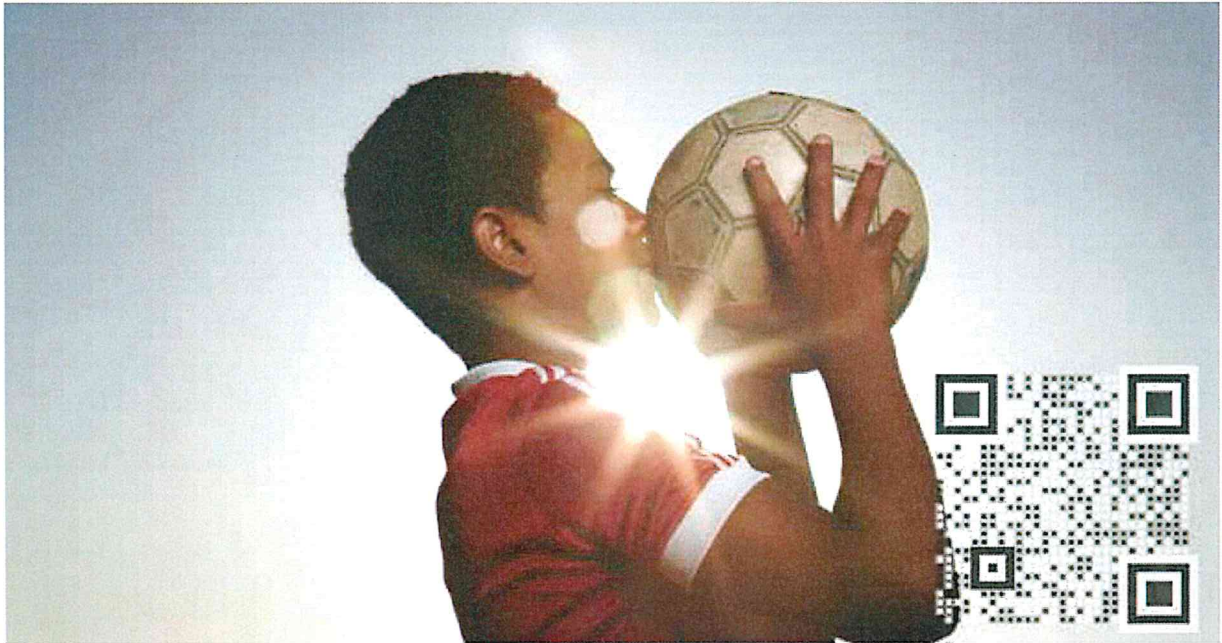
successive developments throughout the years are registered on the ceramic tiles of the walls of the bakery.

In 1923, “Tío Cachapot”, a well-known neighbour and friend of the family decided to surprise his guests at his wedding banquet with these cakes. The success was such that from then on they came to be known as “cachaps” in his honour.

The techniques used in making cachaps continue to be the same as for the original ones, so allowing these famous cakes, of Paterna origin, to maintain their flavour and making them an essential item for any special occasion.

Sport

Paterna's commitment to sport goes back a long way. In 1974 Valencia Football Club set up its Sports City in Paterna, where the premier league side and squad train. This provided a great impetus for the practice of sport in the town, as well as the creation of a multitude of sports spaces to facilitate its development.



Sporting facilities



In addition, more than fifty sports clubs ensure an unbeatable quality of life for the town's inhabitants, as they can take part in any sports discipline both at the professional and amateur level. Moreover, Paterna has a large number of sporting facilities: ten local sports center, the Virgin Active Gym or the K7 center, so making care for the body even more practical and accessible.

Marathon of Paterna



Every month of October, Paterna welcomes thousands of runners from all over the Valencia Region for the Gran Fondo, which has now been held more than 18 times. Thanks to the sponsorship of one of the most important companies of the meat industry in the region, Cárnicas Serrano, sport, health and welfare are concentrated in the town in one of the most essential events for race lovers.

