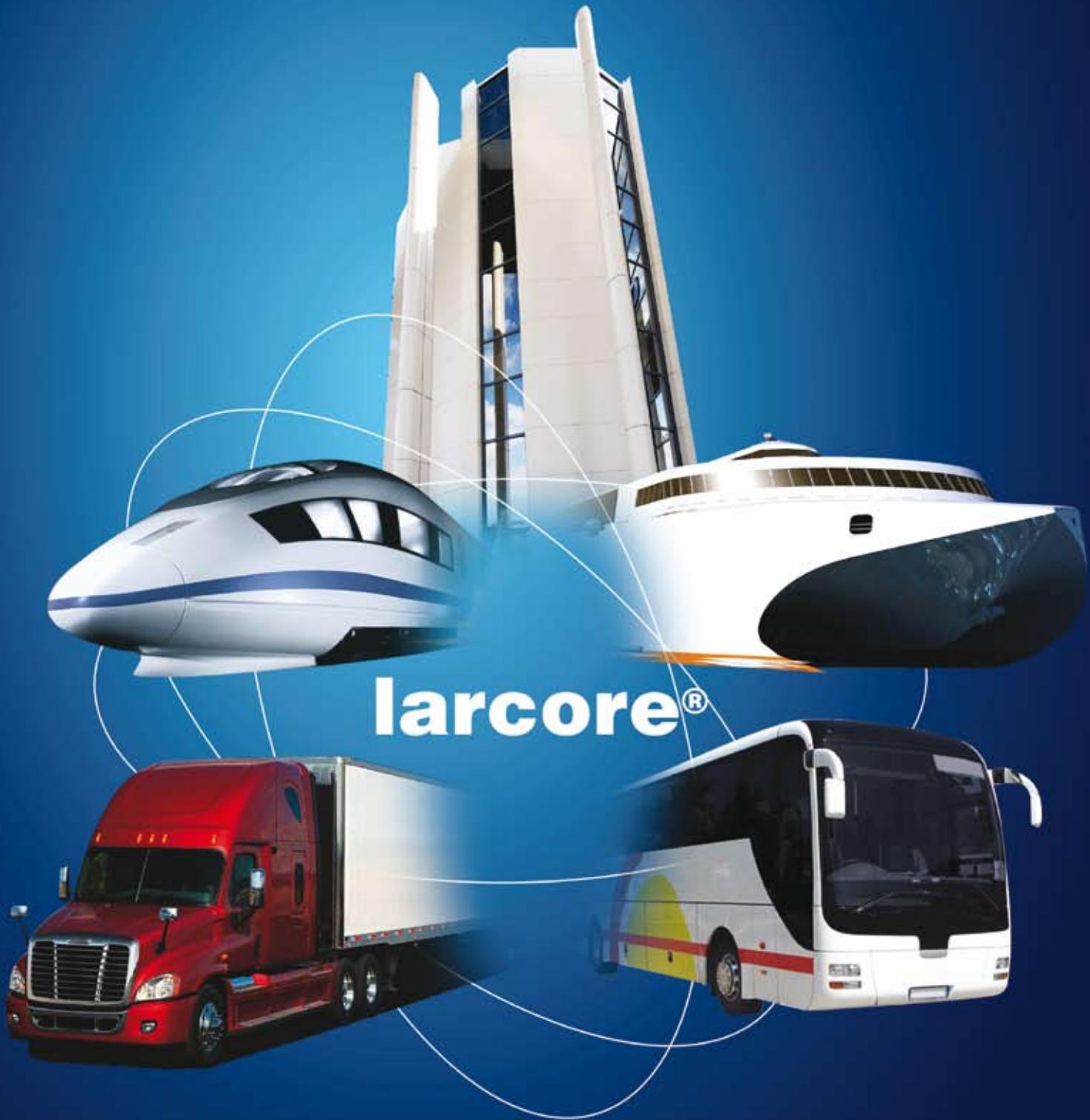


Panorama

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of Alibérico



larcore®

**The ultimate material generation
for transport and singular architecture**

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Clemente González Soler, President.

An aluminium future

Someone recently asked me if aluminium has a future and I answered: "the future is made of aluminium." Aluminium is the word I've spoken, used and remembered for almost every day of my life.

Almost 40 years in an industry that has changed a lot since my first experience, but one where the basic technology remains the same in its principles and procedures.

We live in an environment characterized by constant technological change which takes place at breakneck speed in all sectors. However, the metal industry, including aluminium is still moving slowly without taking on technological and commercial risks.

The large multinational aluminium producers, which have invested for 30 years to develop a market for applications in the world of transport, packaging and construction, are now in partial retreat and have become financial groups that use metals as an operational tool.

At ALIBERICO, we believe that this view should change, it must change, and so we focus on an aggressive rate of technological development and applications for aluminium to find innovative solutions that highlight aluminium as a material for the future to deal with day to day problems and needs.

Thus larcore® was born: a panel that due to its manufacturing process, dimensions, technical features and range of applications will revolutionize the design and construction of mass transportation such as trains, ships and buses and will open the door to industrial use in elevators, machinery and construction materials.

We see a promising future; a future where ALIBERICO and its companies have much to say and bet: an aluminium future, but aluminium from ALIBERICO. ◆

larcore®, the very latest aluminium material

A revolution in road, rail and sea transport



ALUCOIL has launched the new product larcore®, a revolutionary new aluminium material which opens multiple possibilities to the world of transport and singular architecture. This is a composite panel of honeycomb aluminium characterized by the possibility of its large size, extreme flatness, great rigidity and fire resistance which has earned the A2 fire resistant rating.

larcore® allows ALUCOIL entry into new sectors, especially in the development and manufacture of advanced technology materials for use in means of public transport such as buses, trains and high speed

ferries. Its light weight and high resistance saves weight in vehicles and therefore increases their ability to carry more passengers or goods.

The product is manufactured with standard dimensions ranging from 2 to 9 metres in length with a width up to 2 metres and may reach 14 meters long at the request of customers. These dimensions make it easy for one-piece panels to be used for the floor of a bus, train or ship.

larcore® is the only honeycomb composite panel continuously produced in the world, on a line exclusive for



***larcore® is the only
honeycomb composite
panel continuously
produced in the world***

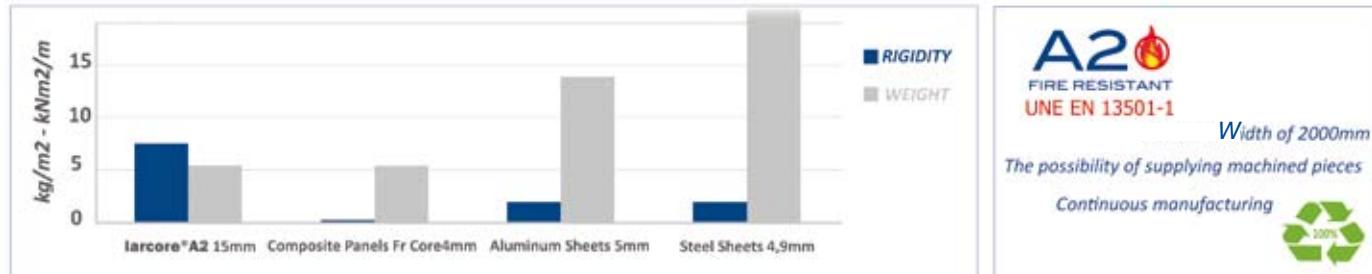
this type of material, 90 metres long, which has been developed at the factory in Miranda de Ebro (Burgos) by ALUCOIL engineers. By developing this technology, the continuous production of larcore® provides a guaranteed uniformity for this material. Also, its mass production, thanks to the new production line will enable its marketing at very competitive prices.

Because of its innovative and high performance, everything points to larcore® as a revolutionary product in the construction of buses, trains and ships as well as other industrial applications such as elevators

and machinery worldwide. It has now begun the process of product approval in various highly qualified European laboratories which will enable its use in various transport related applications.

ALUCOIL has invested 7 million Euros in the development and design of the new manufacturing process and the new machinery. The company is currently located in the city of Miranda de Ebro (Burgos) with a 28,000m² factory specialized in the manufacture and processing of high technology rolled aluminium products for building and construction and employs more than one hundred local employees. ◆

larcore®, the features of a 21st century material



A2
FIRE RESISTANT
UNE EN 13501-1
Width of 2000mm
The possibility of supplying machined pieces
Continuous manufacturing

After an exhaustive R+D process, ALUCOIL has succeeded in larcore® the combination of the natural properties of the "honeycomb" structure with its industrial experience accumulated over years in the manufacture of structural metal panels.

The final product is capable of providing solutions to different industry requirements, demanding new technologies, products and construction alternatives to work with in a more sustainable manner, optimizing productivity, improving performance and increasing profits.

Through a continuous industrial process ALUCOIL makes its structural panel larcore®, which has as its main features rigidity, lightness, no flammability, non-toxicity, recyclability, insulation and energy efficiency.

These features, along with a range of simple options relating to processing, machining, bending or milling, make larcore® an ideal product for different sectors such as architecture, marine, rail and industry.

larcore® is created in a continuous process made up by the following components: a core of aluNID® aluminium honeycomb with anti-corrosion pre-treatment, aluminium sheet attached to both sides of the core with pre-treatment and coat protec-

tion and finishing with 100 micron PVC protective plastic film.

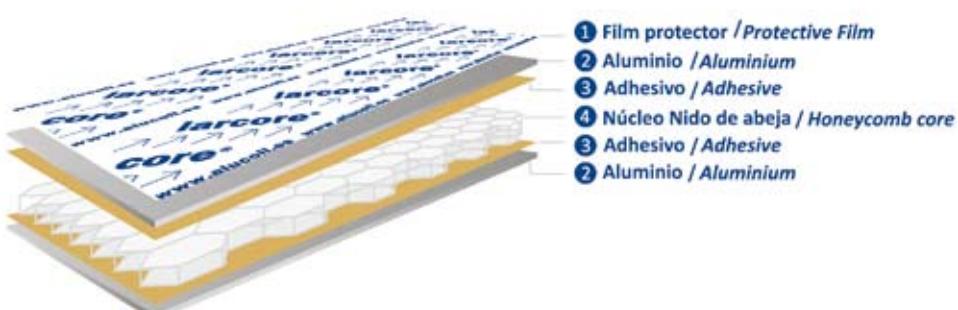
FINISHES

larcore® is available in different finishing possibilities: the main side of the panel can be coated - PVdF and HQP liquids. The secondary side and inner sides are coated with a primer liquid which ensures proper protection of the aluminium and the panel shape.

APPLICATIONS

In the construction sector, larcore® is suitable for ventilated facades, floating floors and suspended ceilings for buildings. Also, it can be applied to the construction of clean rooms, mobile platforms, stages and auditoriums.

In addition to its suitability for construction, the honeycomb composite panel larcore® has a high competitive advantage in industry and consumer goods due to its stiffness, lightness and flatness. It presents a wide range of applications for lifts, screens, wind power, air conditioning, machinery manufacturing, lorry and caravan bodies, soundproofing and even office furniture. ◀



Great landing in Morocco



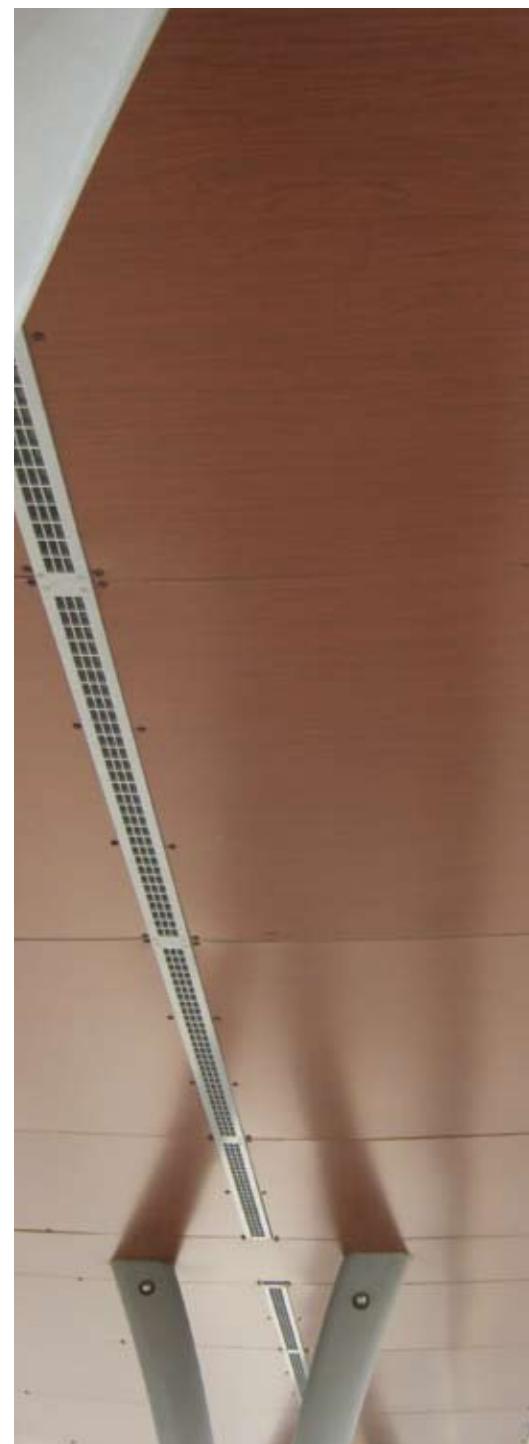
In late 2010, ALIBERICO announced the formation of the company ALUCOIL MAROC, based in Casablanca, Morocco. Its official presentation took place on November 1st as part of SIB 2010, the first construction sector trade show in Morocco, and in just five months it has been able to undertake major projects in the building and transport market.

ALUCOIL MAROC, mostly owned by ALUCOIL, is dedicated to the marketing, prescription, machining

and processing of larson® composite panels manufactured in Miranda de Ebro.

In just a few months, it has obtained and implemented major local projects including the remodelling of Oujda airport, also known as Oujda Angads Airport, located near the Algerian border and the Civil Protection Administration Building in Rabat.

Regarding transport infrastructure, ALUCOIL MAROC



has supplied its larson® panels to the tram stops in Rabat. The Rabat-Salé "tramway" is a mass transport system linking the cities of Salé and Rabat and will be operational this year.

ALUCOIL MAROC has also been present in the architectural design of an office building on Avenue Zerkouni, Casablanca, located in the best area of town known as the Golden Triangle.

In the same city it has participated in the remodelling of "l'École des Industries du Textile et de l'Habillement", in Casablanca. This is a top training centre established in October 1996 as the result of collaboration between public Moroccan authorities and

In just five months ALUCOIL MAROC has completed significant projects in the Construction and Transportation fields

the Moroccan Association of Textile and Fashion. This centre is the spearhead of this sector. At its heart graduates are formed, specialized masteries are taught and R+D work is carried out. ◆

ALUCOIL covers with larson® the winner of the “Plomada de Plata” 2011



Last February saw the 12th edition of the “Plomadas de Plata”, an event where prizes are awarded to the best facades of new buildings and the best restorations in Asturias.

Entry number 5 in Projects, Construction and Interiors, a VPA building located in the Vasco-Mayacina residential area in the town of Mieres entirely covered in larson® composite panels was an award-winner.

The Construction Confederation of Asturias-Asprocon has highlighted this project known as “The Station” for the unique application of larson® composite panels in a building for residential use.

An even skin highlights each of the holes in the facade in a different colour, enhancing the sobriety of colour and plasticity of the larson® panel to adapt to different situations that arise in the facade. The surface treatment was resolved by vertical riveted elements, creating a relationship between the windows and larson® panels that enhances the strong and dynamic image of the work.

The project carried out by the b-720 Studio was led by architects Fermín Vázquez and Pedro Baltar and executed by the company Procoin with a budget of 4.6 million Euros in record time. ◆

ALUCOIL enters into the Family Business Association of Castilla and Leon

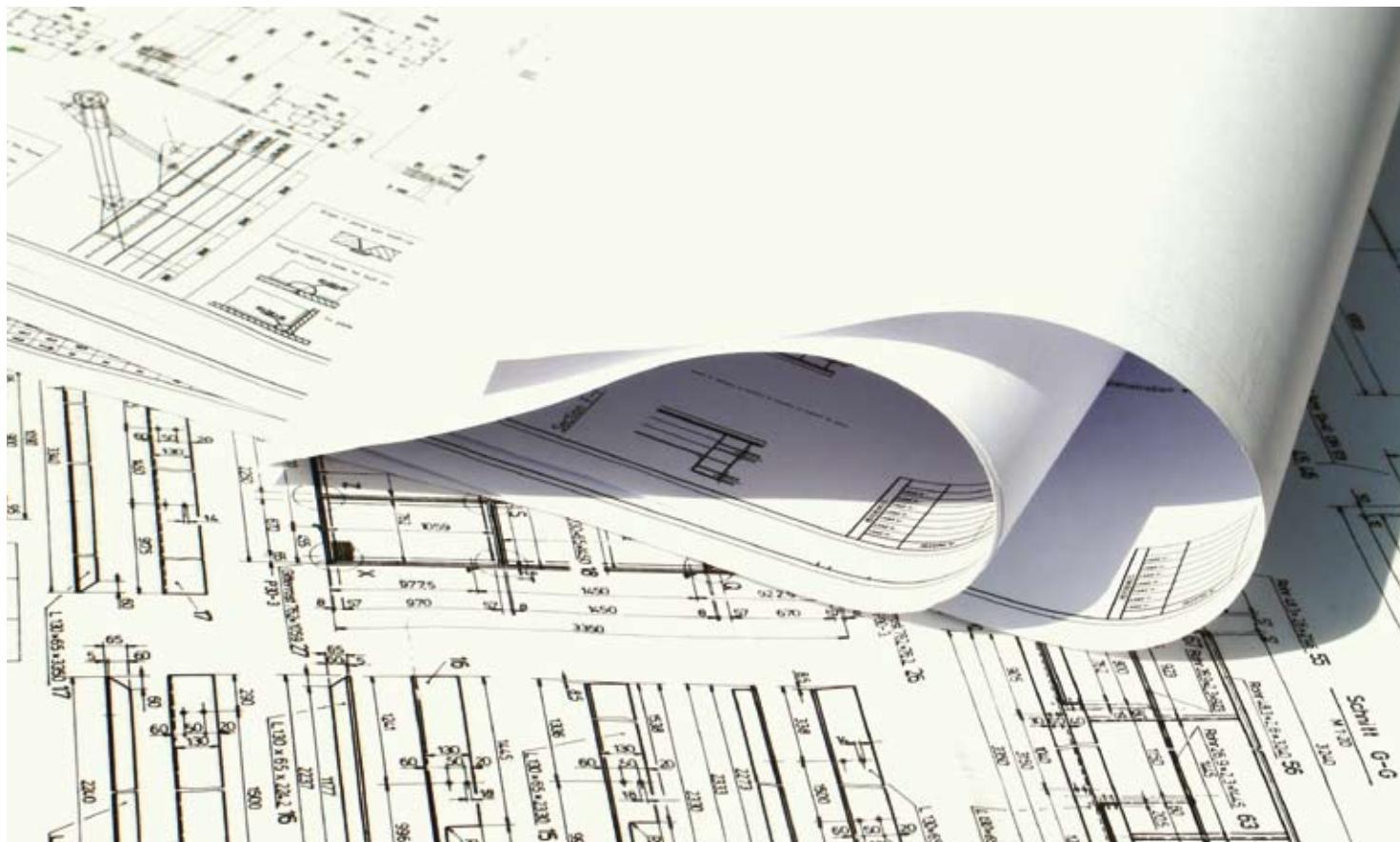
ALUCOIL has joined the Family Business Association of Castilla and Leon (EFCL), the institution that since 1997 has protected the interests of family businesses in this region.

The main aim of the EFCL is to strengthen family businesses in Castilla and Leon, and it regularly conducts studies, surveys and assessments of the specific problems of these businesses. One of the areas in which it concentrates its main activity is the training of the-

se family businesses, shareholders and managers, to ensure business continuity.

As European leader in the manufacture of composite panels under the larson® brand and world leader in powder coatings on metal coils and sheets with their termolac® finishes, ALUCOIL provides the Family Business Association of Castilla and Leon their experience in the industrial sector with a strong vocation for innovation and internationalization. ◆

Technical Seminars for architects in Madrid and Seville



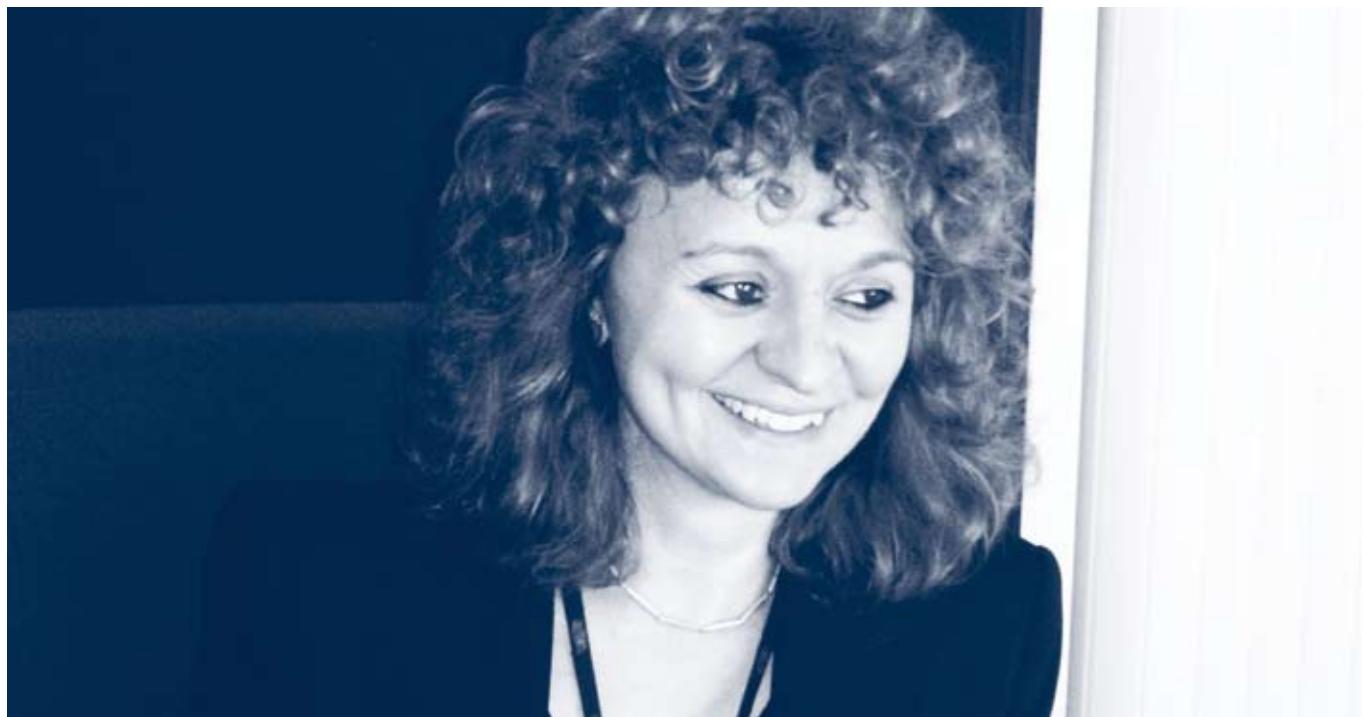
ALUCOIL continues with its cycle of technical seminars for architects, which seeks to bring closer the ventilated facade systems with larson® composite panels to these professionals, in particular those most committed with modern architecture.

The last seminars were held in Madrid on March 29th at the headquarters of the Official College of Architects of Madrid (COAM) and in Seville on the 31st day of the same month at the Research and Dissemination of Architecture Foundation (FIDAS) building, with a combined attendance of over 150 attendees.

ALUCOIL has organized the seminars in collaboration with the German company KNAUF which specializes in building systems, making it possible to innovatively present solutions of both organizations which include certified quality, speed and simplicity of installation.

During the seminars, it was possible to see participant interest on the DAU and DIT products which form part of these systems and on changes in legislation for compliance with the Technical Building Code (CTE). ◀

“We are collaborators of ALIBERICO and we aim to meet their present and future requirements”



Mercè Berengueras, **DuPont** Powder Coatings Manager for Southern Europe explains the basis for a collaboration model with Alibérico based on the search for quality and efficiency

The ALIBERICO GROUP relationship with DuPont dates back more than a decade, when the American company became a supplier of high-tech paints for the Group's factories in Miranda de Ebro, Logroño and Alicante. At the start of this journey, the business management was made by the organization in France, but since 2007, almost coinciding with the rise of Mercè Berengueras as Business Manager at DuPont Powder Coatings Ibérica, this passed directly to the Barcelona branch.

Mercè Berengueras, who has run the industrial paints division for Southern Europe for three years, claims to have witnessed in these years the growth and diversification process that the ALIBERICO GROUP has experienced, first with the launch of the factory in Linares, specializing in the treatment of coils, and after with the reorganization of the division of coatings and the introduction of the company in the solar energy sector.

For this chemistry graduate from the University of Barcelona, very close by calling to the world of science (in fact, she began her career at the National Scientific Research Council, the prestigious CSIC) the changes experienced by ALIBERICO in all this time have not affected the company philosophy. “From my point of view, it has maintained unshakable professionalism, seriousness and honesty in all aspects, which has led to a very healthy and stimulating relationship for both parties that transcends the purely commercial,” she says.

DuPont currently supplies the fast cure powder paints to the ALIBERICO GROUP for its coil division and standard powder coatings for its coating division.

The relationship referred to by Mercè Berengueras has developed a long intensity in recent years: from simple client status at the point of departure to the current scale of mutual cooperation. “Indeed,”



Mercè says, "we are collaborators or, if preferred partners. We care about understanding the requirements of ALIBERICO in the present and try to anticipate their future requirements."

"Within the collaboration with the ALIBERICO GROUP I would highlight the professionalism of each and every one of its directors and the priority for innovation"

In operational terms, this model of cooperation is embodied in the frequent meetings between managers and technicians of the two companies to pool their views about possible trends that will emerge in the market as well as in the field of technological advances. "The result of this dialogue has been the de-

velopment of specific products and technologies for ALIBERICO which have come to solve various technical challenges as they have been presented," she says.

For Mercè Berengueras, the requirements demanded by the market from cutting edge paint are basically four: high technical performance, excellent finish, ease of implementation and competitive price.

When it comes to innovation in the field of industrial paints, basically we are talking about an efficient application which is environmentally friendly. DuPont Ibérica policy dictates energy conservation is one of the targets present in the company R+D. "Obviously, it is not the same for the paint to cure at 150°C or at 200°C. Therefore, if we get the same results at lower temperatures, we are saving energy and reducing emissions," explains Mercè with the authority of many years of experience in the field of industrial paints and some more (almost a decade) in the field of environmental research.

"Within the collaboration with the ALIBERICO GROUP I would highlight the professionalism of each and every one of its directors and the priority for innovation, two key values in my opinion to prove the undeniable success of the group," she concludes. ♦



Curious and ingenious application of aluminium

At the Salon du Bourget, dedicated to the aviation industry a small caravan has been considered in the tubular form of the cockpit of a commercial airliner. This innovation in the caravanning sector is characterized by being made of polyester and aluminium and tripling its size by telescopic deployment of two modules. The small caravan is the fruit of 18 months of work, culminating in the production of this first prototype. ♦

New domestic aluminium line at ALIBERICO PACKAGING

ALIBERICO FOOD PACKAGING has invested in new production methods at its plant in Alcalá de Henares to expand its product range.

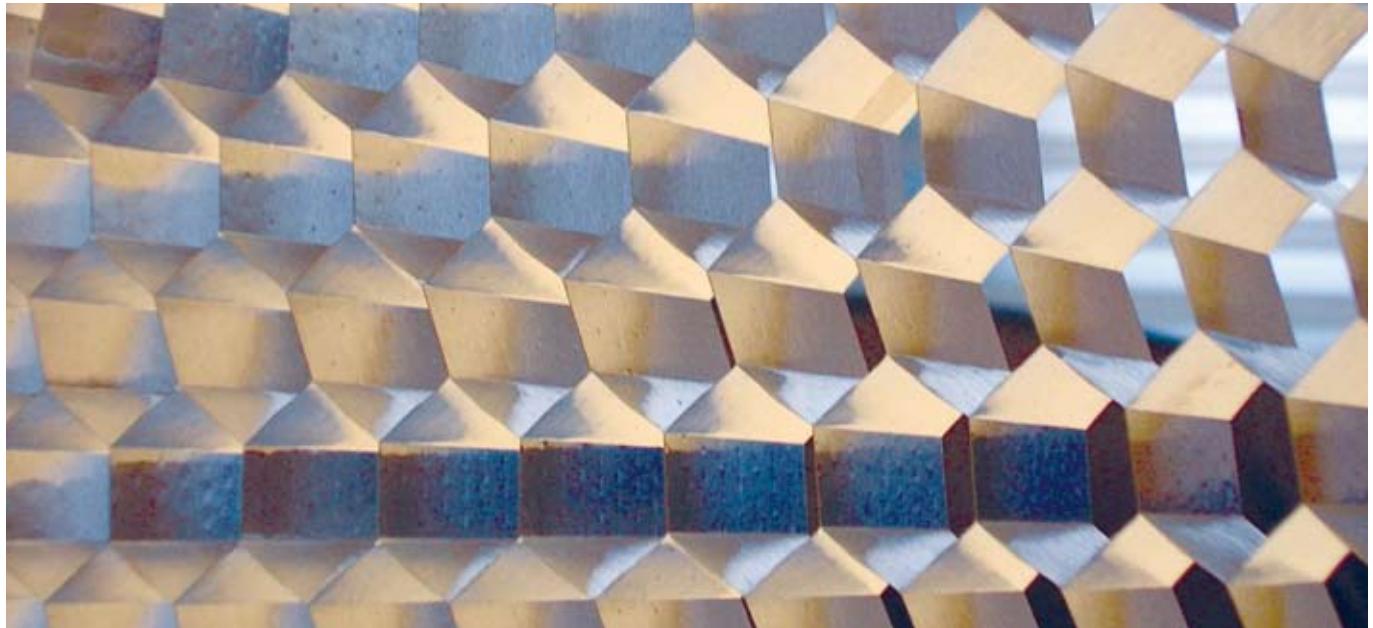
The new automatic, film and professional aluminium winder has been installed at ALIBERICO PACKAGING to manufacture industrial aluminium coils for use in the catering and Spanish HORECA market.

The new aluminium coils have a length which can range from 100 metres to 300 metres, with thicknesses of 11 to 13 microns for standard applications.

With this investment, the ALIBERICO PACKAGING product range is increased and complements the current aluminium containers line, but above all, opens the door to the production of "made-to-measure" for each distributor or wholesaler, putting unique products within the customers' reach. ♦



aluNID®, chosen as the core for larcore®



aluNID®, the industrial quality aluminium honeycomb manufactured by ALUCOAT, has been chosen as the reference core for the honeycomb type larcore® composite panel manufactured by ALUCOIL.

aluNID® has the A1 classification according to the UNE EN 13501-1-07, which certifies that it is NON-COMBUSTIBLE with minimum contribution to fire, which together with its features of high strength and low weight makes it an excellent choice as the core material of composite panels for the construction industry. Thus, aluNID® contributes significantly to

the advantages of the larcore® panel over other products for use in facades, such as its rigidity and lightness, being the only honeycomb composite panel with A2 fire rating.

This choice as a supplier of reference is further evidence of the high quality standards used to manufacture the aluNID® aluminium honeycomb in ALUCOAT, which combined with short delivery times (2 weeks), makes it an excellent choice for the manufacture of composite panels for both facade building and in the manufacture of interior components and extras in the rail, marine and aviation sectors. ♦

Smarty Pan

ALBERICO PACKAGING has developed a new baking sheet, called "Smarty Pan". With a 3 litre capacity it allows all types of family size roasts and baking. A choice of three colours: copper, red and blue makes Smarty Pan unsurpassed; not only in the preparation but also the presentation of food.

"Smarty Pan" increases the range of products for HORECA and the catering sector and particularly reinforces the local area.

This new package will be marketed in Spain, France, Germany and the United Kingdom through commercial organizations located in these same countries. ♦





New expansion table for aluNID®



To meet the most demanding customer needs and expand its product range, aluNID®, the industrial quality aluminium honeycomb manufactured by ALUCOAT, has invested in the design and installation of a new expansion table for larger honeycombs.

This new table, designed by the ALUCOAT technical department, allows the automatic expansion and controlled rate of honeycomb plates up to 2.6 metres wide and 10 metres long, making it one of the largest of its sector worldwide, and increases the range of aluNID® honeycomb specifications that ALUCOAT can supply.♦

EUROCOLOR adds a touch of colour to the “Arena Multiespacio” Shopping Centre

This innovative shopping centre concept that continues the line introduced in the city of Valencia with the “Aqua Multiespacio” centre has chosen ITA SCHÜCO systems, technical aluminium installations for coating their walls. To meet the requirements of a building of high architectural quality and contemporary design, designed by the Chapman Taylor studio, a curtain wall and woodwork have been installed in the offices and communal areas of its eleven floors with a coating of composite panels on the rest of the facade, achieving a modern and impressive result.

ITA contributor EUROCOLOR has provided RAL Black 100 sable exterior and Grey 150 interior (bicolour) as a colour solution for this project. ◆



The Torrent Town Hall restored with EUROCOLOR



The main building of the Town Hall in Torrent, Valencia, sports a new facade that gives it a new and modern appearance. EUROCOLOR has worked with ITA, which was awarded the contract to supply the best solution in the shortest period of time, according to the requirements of the consistory.

The work consists of a SCHÜCO curtain wall and carpentry, composite cladding panels, Sun Control louvers and grid-connected solar photovoltaic installation. The colour solution supplied by EUROCOLOR is a RAL Grey 150 Sable and Galet. ◆

Modernity and originality in the new AVE train station in Cuenca

Specializing in treatments and surface finishes, EUROCOLOR coated the SCHÜCO curtain walls for the new AVE station in Cuenca, Fernando Zobel in colour with RAL 9007.

The installation is characterized by high complexity as



the building has a double skin of steel plate anchored to brackets that emerge from the curtain wall studs themselves. For glazing, a great deal of ingenuity, skill and thoroughness has been required. These efforts have borne fruit in the result: a wonderful, modern and originally designed building in Cuenca Railway Station. ◆

larson® dresses the Balenciaga Museum in haute couture



Balenciaga Museum, located in Getaria (Guipúzcoa), birthplace of the great couturier, is expected to become an international reference in the world of fashion. And for its coming-out, the building's architects have chosen larson® composite panels to cover its walls.

In the words of the architects of the AV62 studio, "The access facade resembles a curtain starting to open, so that one may enter the building through the folds made up by the larson® composite panels by ALUCOIL." In

total, 1,330m² of larson® termolac® 4mm in RAL 9011 Matt will be used installed with the LCH1 system.

The initial design of the museum was by Julian Argilagos, while the interior of the building has been designed by architects Toño Foraster and Victoria Garriga of the AV62 Architects studio, located in Barcelona.

At the Balenciaga Museum viewers will be able to enjoy a permanent exhibition of more than 100 of his creations and spaces for temporary exhibitions. ◆

PERCASA boosts its activity in individual building and transport projects in the Canary Islands

With its factory in Las Palmas, the ALIBERICO GROUP subsidiary, PERFILADOS CANARIOS continues to expand its manufacturing of prepainted steel and aluminium profiled sheets for roofing and cladding and the supply of larson® composite panels on the market in the Canary Islands and eastern African countries.

In recent months, it has reached an agreement with the prestigious Martinsa Studio to participate in the project of building the first private university in the Canary Islands, located in La Orotava (Tenerife). In particular, it will provide 9,000m² of larson® FR which will cover the facades of the new centre for higher education.

Also, within the Public Buildings section, it has prescribed and made the covers for the new Paddle

Tennis Pavilion for the Town hall of Santa Lucía, Gran Canaria. Participation in this project involved the manufacture of 2,000m² of the new Curved 40 profile.

Also in Gran Canaria, PERCASA will provide 2,500m² of Curved PC 40 in termolac® aluminium for the new parking at Merca Las Palmas.

Another important and iconic project that PERCASA is taking part in is the construction of the Tenerife Metropolitan Tram, working with the prestigious APRO Architects Studio.

Also, it will provide 2,500m² of larson® Copper Metallic PE 4mm for the new shopping centre at Corralejo, in Fuerteventura. ◆

Poland dresses in larson®



ALUCOIL has undertaken major projects in Poland in recent months, putting larson® composite panels as an innovative reference in construction processes carried out in a number of business premises.

In the city of Balice, larson® Grey Metallic and larson® Dark Sapele Wood have been used in the covering of the facades of the corporate building for the company Alux.

In Wroclaw, ALUCOIL has participated in three important projects: the city university, Wyższa Szkoła Handlowa (with larson® RAL 2000); the Thespian

apartment complex, which also houses a shopping and leisure centre (with larson® Gold Metallic and larson® Bronze Metallic), and the Genfer Hotel (with a deployment of panels made up of larson® Copper, larson® Colonial Red Wood, larson® Anodic/Brushed and larson® Pure White).

Within the field of shopping centres, ALUCOIL is present at the new centre for the commercial chain Tesco in Szczawno, with larson® Silver Metallic and larson® Traffic Red and in the GH Victoria shopping and leisure centre in Walbrzych, with facades covered with larson® Copper Patina, larson® Bronze Metallic, larson® Silver Metallic and larson® Traffic Red. ◆

EUROCOLOR serves the United Nations



The Communications and Information Centre for the United Nations in Spain began construction in the Valencia town of Quart de Poblet in August 2009. This building represents an investment of 25 million Euros and will have generated over 1,200 qualified employees.

The Secretary of State for Constitutional and Parliamentary Affairs, José Luis de Francisco Herrero, said the new centre will be "the most advanced of the United Nations" and will serve to "ensure coordination between ongoing international missions and United Nations headquarters New York and strategic communications to civilian and military personnel."

EUROCOLOR has contributed to this international project with its skills in treatment and surface finishing giving a touch of colour to coatings with a RAL 9006. ◆

larson® Mirror covers the largest ecological building in Denmark



Larson® Mirror will be part of the hallmarks of green building 8 Tallet, located in the modern and emerging neighbourhood of Ørestad in Copenhagen, located only 12 minutes from downtown.

Designed by Danish architects Bjarke Ingels Group (BIG), this unique figure of eight shaped building erected in a small neighbourhood with 62,000m² surface area, contains 476 apartments, some with private gardens and a shopping centre on the ground floor.

These features make this complex the largest in Denmark dedicated to residential purposes and also that of the highest proportions of ecological criteria designed in the country. Its magnificent green roof and its particular orientation are designed to make the most of and optimize from an energy standpoint, the hours of daylight.

The larson® Mirror panel with a mirror finish exterior has been selected for use on exterior apartment balconies. This aluminium panel is part of the range of larson specials®, which provides unique finishes, designed for projects that seek to individualize the facades where they are located. Applied in metal enclosures, these panels break the range of standard colours and finishes. Specifically, the product used in the 8 Tallet complex was larson® PE 403 Mirror external.

Due to its spectacularity, the 8 Tallet Project was the subject of a full report in the architecture magazine "The Plan" which detailed all its technical aspects as well as the reference to companies involved in its construction including ALUCOIL. ♦

Parisian Presence in Tenon Hospital



Tenon Hospital in Paris is one of the most important projects being undertaken at present in the French capital within the field of social health.

After the construction of a research building, it is expected to raise the new BUCA emergency building at the Pelleport junction which combines the

activities of surgery, resuscitation and imaging (scan and MRI). The building designed by the Beau et Vanhecke architectural studio has a height of 28 metres on nine levels and 30,000m² of floor space.

It is envisaged that the facades of this modern building will be coated with 15,000m² of 1.650mm wide larson® Silver. ♦

University Business Park in Lódz

ALUCOIL has provided GTC Com 3 Sp. z o.o., a subsidiary of major real estate company Globe Trade Centre, with larson® FR panels which will cover the facades of the University Business Park project, located in the centre of Lódz, the second largest city in Poland.

The project consists of two buildings in an "H" shape for offices, each of 25 metres high. They have 7 floors combined with two further underground levels for parking.

Together, 12,840m² of larson® FR RAL 7012 80% Gloss for the main facades of the two buildings and another 280m² of larson® FR white termolac® for small details at the entrance areas will be installed.

To achieve the high gloss effect as specified in the project, it requires a precise manufacture and installation in order for the reflecting surface not to have any type of defect.

The University Business Park project represents an investment of 70 million Euros and has been designed by one of the largest architectural studios in Lódz, the NOW Biuro Architektoniczne Sp. z o.o. headed by the architects Andrzej Owczarek, Piotr Podsadny and Adam Niedospial. ♦



A very Metallic Maternity Hospital



The people responsible for the expansion project of this hospital in the Polish city of Warsaw, completed in 2010, chose larson® for their new facades. In total, 4,800m² of larson® FR Metallic Silver was used.

The core of the hospital is made up of a building constructed in the early twentieth century which has been given a new facade. The intention of the team of architects was to create a modern and industrial space based on natural stone cladding and larson® composite panels.

The project was undertaken by the Archi-Med Sollers Sp. z o.o. architectural studio, headed by Mr. Michał Grzymal Kadłowski, who led a team of architects made up by Mr. Dariusz Kuljon, Mrs. Anna Borowska and Mrs. Aleksandra Ruszkowska.

This project attracted the attention of the prestigious architectural Polish magazine "Swiat Architektury" which made an extensive report on the building. ♦

Louis Vuitton Foundation

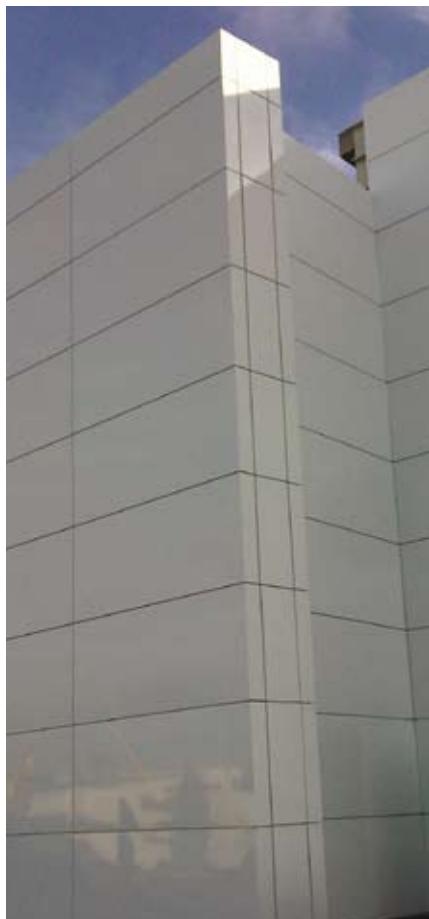
The Louis Vuitton Foundation, a museum of contemporary art in the Parisian park known as Bois de Boulogne has been the responsibility of Frank Gehry (responsible for designing the Guggenheim Museum Bilbao).

The building resembles a large greenhouse formed by a set of geometric glass shapes with one of 40 metres at its highest point and a length of 150 metres. The building covers are transparent and translucent, allowing the outdoor garden to be visible from inside making the most of the joy and charm of its location.

The project, which began in 2010 and will be completed in 2011 with an estimated investment of 100 million Euros, is made up as a social space which will house an auditorium, a library and exhibition room with a surface of 3,200m² dedicated to contemporary art.

For the construction of this striking and unique building that resembles a large greenhouse, 1,250m² of larson FR® Silver with special width of 1,650mm was used. ♦

signi® skin for E.LECLERC in Bourg-enBresse



The French supermarket chain E. LECLERC has added signi® 303 Glossy White panels in the remodelling work being carried out at its centre in Bourg-en-Bresse, France. In total, they have been supplied with 15,000m² of signi® to cover the building with a skin

that gives it personality and an innovative image. The installation company for this project was Guzie and the transformation work was carried out by SAB-FCB. It so happens that the E. LECLERC centre in Bourg-en-Bresse is next to the office of ALIBERICO FRANCE. ◀



New Porsche dealership in Rennes

The larson® panel has covered the facades of the new Porsche dealership in the French city of Rennes, Brittany. The new point of sale for the prestigious German car manufacturer will have 300m² of surface area of larson® PE 405 PVdF Silver. The transformation company was SAB-FCB and the installation work was carried out by the company SCAM. ◀



“Each user has made the SIGA System its own”

Ana Rubio, Managing Director of **Unisys** describes the implementation process of the Information Management System at ALIBERICO, turned into an example for other companies worldwide.

The ALIBERICO GROUP Information System (SIGA) has completed three years since its implementation and commissioning and has marked a before and after in the Group's management. Over about twelve months the project involved a dozen professionals from the company Microsoft, provider of the Microsoft Dynamics AX solution, and from Unisys, which was responsible for the integration and adaptation work of the technological solution to the needs of ALIBERICO.

Being cutting-edge technology made up by one of the more extensive applications of the technology solution carried out in the world (in fact the Group comprises 35 companies with sales representation in countries on five continents) the SIGA project has been considered a global Case Study by Microsoft and Unisys, making the project an example for other companies to tackle the challenge of optimizing their management, as confirmed by Unisys' Managing Director, Ana Rubio.

The head of the technology company in Spain, described the SIGA project as “a system which enables the full financial control of a company as complex from the point of view of its diverse activities as the ALIBERICO GROUP” and recalls that the biggest challenge her team faced on implementation was “the analysis and understanding of the functional needs of the company in order to adapt the features of the standard Microsoft solution to their operational requirements and business.”

For Ana Rubio, Unisys' main contribution to the project was precisely this leadership role played by all



parties involved in the project: firstly, Microsoft, with a powerful technological application on the market, and secondly, ALIBERICO, a very special company, with very complex requirements. “Our role was to understand the vendor's solution, soak up the atmosphere of ALIBERICO and the knowledge of its business, and coordinate the project to provide a solution to their requirements,” she explains.

The head of Unisys ensures that the main advantage of SIGA is its ability to offer a perfect strategic vision in decision-making, both for financial management and the entire management staff. “In a world as complex and changing as ours, where important decisions must always be subject to a financial analysis this tool can act on criteria based on the financial reality of the company, regarding costs, profits or sales,” explains Ana Rubio. She adds: “Additionally,



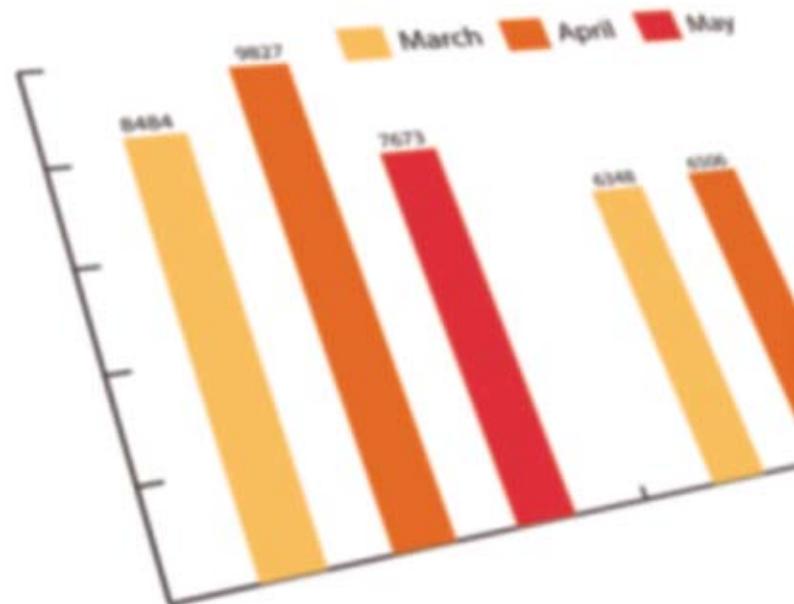
SIGA enables the reliable analysis of the consequences of a strategic decision."

The Managing Director of Unisys emphasizes that the SIGA project has been a very special challenge. "ALIBERICO is a pioneer and leader in its market sector and as a technology company with a strong focus on vertical sectors such as public administrations, telecommunications and transportation Unisys had no previous experience in this market. For us it was an exciting challenge, which has combined business and market knowledge in which we have proven the value of integration with the solution of a partner."

Ana Rubio points to the involvement of ALIBERICO managers as one of the keys to the success of the project. "A lot of the time and effort required by the project has been carried out by the directors of the Group to ensure that every piece, every detail is tailored to the needs of the company. That always implies waste but it created the program's success. Each user has made the system partly theirs," she says.

For the biochemist who began her career in academia and has since covered all areas of activity of Unisys, to become its Managing Director for Spain, investment in information technology will be a differentiating factor for companies once we have overcome the recession and a key element of competitiveness in the domestic and international markets. "The recession is causing something undesirable in Spain. The lack of business for companies is imposing a comprehensive financial control of costs and that often causes technology to be seen as a source of expense and not as an investment," she explains.

From her point of view, "those who do not gamble on new technologies now even in a scenario of cost containment, will be left behind when we exit the recession amid a highly competitive and increasingly global world." ♦



"The main advantage of the SIGA system is its ability to offer a perfect strategy vision in decision-making"

Lean Manufacturing System



The ALIBERICO GROUP strives for daily innovation and improved productivity in all areas in order to maintain its leadership in the market and offer the best range of products to its customers.

Today, ALIBERICO commits to the "Lean Manufacturing System" for obtaining an intensive improvement in production processes with the objectives of eliminating any kind of waste, improving quality, reducing Lead Time (time between demand arising and being met) and lowering total cost.

The Anglo-Saxon term "Lean" defines the methodology for obtaining the right things at the right place at the right time, in the right quantity while minimizing waste, being flexible and continually changing for improvement.

The central idea is to preserve the value of the product by reducing the work, i.e. get rid of any residue / waste that emerges in the production process. Lean Manufacturing is a philosophy of production management from the Toyota Production System (TPS), known for its focus on reducing the seven wastes (overproduction, inventory, repairs and defective products, procedure movement, holding and transport). The implementation and development of the Toyota production management transformed it from a small player into the world's largest car manufacturer.

ALIBERICO hopes to implement this system of production management in most of its factories for greater efficiency based on the optimization of workflows, reduced errors and waste and using empirical methods when conducting methodical changes in terms of production and ability to increase its productivity by 100 to 400%. ◆



Family Protocol and the role of boards in succession

Clemente González Soler presided last February the entitled week: "The Family Protocol: a process in succession oriented to people and governing authorities", organized by Association for the Development of Familiar Enterprises in Madrid (ADEFAM) and the IESE. The act constituted a lecture by Professor Josep Tàpies, head of the Family Business Chair of the business school, which had the support of Professor Alfonso Chiner. The conference, which brought together more than fifty executives from associated companies, marked the beginning of a period of collaboration with the school, which will result in various training events throughout the year.

Professor Tàpies addressed, among other topics of great interest, the role of corporate governance bodies in succession. From his point of view, the functions they must perform are: project the company's long-term situation; ensure the company's continuity; monitor the management to check what the property has decided; undertake the institutional development of the company,

so that it runs over time regardless of whom are in charge of its management; defend the interests of shareholders, and enforce the law. ◆



ALIBERICO PACKAGING, model for new industry according to Tomás Gómez

The general secretary of the PSM-PSOE, Tomás Gómez, visited the ALIBERICO PACKAGING factory in Alcalá de Henares on March 7th accompanied by a group of journalists. Gomez argued that the industry will gain weight in the economy of the Community of Madrid, since it creates stability in employment and more productivity than other sectors.

"Aluminium is suitable for most things" said Tomás Gómez during his visit to the ALIBERICO PACKAGING factory, a company that conforms to the industrial model that the candidate wants for the region of Madrid. Gómez defined ALIBERICO PACKAGING as a "leader in the aluminium industry," with "input in technological research, modernization of industrial processes" and "product innovation." ◆





ALUCOAT, chrome free



Continuing its policy of innovation and continuous improvement, in collaboration with leading industry manufacturers ALUCOAT has developed ALUCOAT-NC 2, the chrome free pre-treatment system. The system shall be applied to the range of products for construction, food, pharmaceuticals and cooling.

ALUCOAT-NC 2 is a zirconium based pre-treatment system applied to the ALUCOAT degreasing and pre-treatment unit. It enables aluminium to be treated between 80 and 500 microns up to 1,600mm wide, gi-

ving the product a large corrosion resistance and excellent adhesion of the coating, with the advantage of not including chromium in its composition.

Products manufactured with this new system will be at the forefront of the market, both for their excellent performance and for their respect for the environment.

ALUCOAT has the ISO 9001:2008 and ISO 14001:2004, which credit it as a company that meets the demanding requirements of quality and environmental management systems today. ◆

EUROCOLOR includes Marine Quality to its finishes

EUROCOLOR has taken a further step in the quality of its products incorporating the concept of "Marine Quality" to all its finishes. In this way, a higher resistance to external environmental agents is guaranteed such as pollution or the saltwater environment.

All exterior materials are damaged by weather such as sun, wind and water which implies a deterioration of exterior paints. Also, agents such as salt spray or air pollution initiate or promote corrosion.

Since early 2011 all EUROCOLOR products will be pre-treated to provide higher quality and to meet all aggressive weather conditions which over time damage and deteriorate exteriors.

It has opted for a sharp increase in quality to even guarantee against an attack of more than 3g/m². These processes will be made in the EUROCOLOR plants in Logroño and Alicante. ◆



New brochures for signi® and larson®

ALUCOIL has renewed the signi® and larson® catalogues in all languages in order to move forward towards a cleaner, simpler and more consistent corporate image with effective use of visual guidelines that reinforces the brands.

The new catalogue image developed with the support of the ALIBERICO's central Marketing Department has illustrations on the cover with different textures and uses high quality photographs inside.

This new line of graphics will also be used for future catalogues, such as larcore® both in its applications for industry and transportation. ◆



larcore® A2 undisputed star of BAU 2011

At the latest edition of the BAU fair in Munich, held last January, ALUCOIL presented its new product larcore® A2, an innovative and revolutionary composite panel with a honeycomb core for the construction industry.

larcore® A2 presents many advantages over other products for use in facades, including its strength and weight, and is currently the only honeycomb composite panel with the A2 fire rating.

A total of 52,000 professionals attended the fair in Germany and got to touch and see this new product for the first time which has taken more than 6 years of research by the R+D teams at ALUCOAT and ALUCOIL.

The commercial team at ALUCOIL which serves 24 countries informed visitors of the larcore® A2 panel properties and its potential application in the construction industry and the architectural facade.

With this new range of products, ALUCOIL will expand its scope of business, until now very focused on the construction field, to sectors such as transport and industry.

BAU is the world's leading exhibition for Architecture, Materials and Systems, and gathers all quality innovations that occur worldwide in the construction sector in a few days in the German city of Munich, with particular impact on interior design, architecture, building materials and systems for industrial, commercial and residential construction.

ALUCOIL was one of the 2,058 exhibitors from 46 countries that managed to exhibit at the fair (many were on the waiting list) and used this global promotion platform to introduce its larson® product range and in particular its larcore® innovative composite panel with honeycomb core. ◆





A new era for advanced technology materials

The economic and business newspaper echoes the investment of seven billion euros by ALUCOIL at its plant in Miranda de Ebro to develop the larcore® production line which means the company's entry into new sectors especially in the development and manufacture of advanced technology materials for use in means of public transport, like trains and high speed ferries.

The information, signed by Vicky Lopez, emphasizes that the new production line is unique worldwide and can provide composite aluminium panels with honeycomb core in widths which considerably exceed the standards of up to 2 metres wide to manufacture floors for buses, trains and other means of transport in one piece. The article also highlights that larcore® is characterized by its high strength and low weight allowing significant savings in energy consumption and the ability to carry more payload. ♦

In its online and paper versions Alimarket magazine also echoes ALUCOIL investment in a production line to launch the product larcore® on the market. Pura Navarro points out that ALUCOIL based in Miranda de Ebro, which runs a plant of 28,000 square metres, including a coating line, "continues its relentless investment policy." The new product is highlighted by its enormous resistance to fire which has earned it the A2 classification, as well as its large size. In another point of information, the journalist said that ALUCOIL ranks first in Spanish exporting manufacturers: "with 60% of its production intended for foreign markets." ♦

Leading companies like ALIBERICO

ABC



Light, strong, fire resistant and in large sizes

Alimarket

ABC, along with many other newspapers, echoed the visit of Tomás Gómez, general secretary of the Socialist Party in Madrid to the ALIBERICO PACKAGING factory in Alcalá de Henares, which took place last March. They also highlight some of his statements which stress the need to support the national industrial sector. "The industrial sector has to have greater weight than at present in the whole region." Similarly, he argued that "we must support and build on leading companies such as ALIBERICO." ♦

The advantages of Almirr® Mirror

Javier Martínez reports in "Sustainable Development" the release of "a new system of electric power production, based on a system of aluminium solar mirrors." His work, he says, "is identical to its counterpart with glass mirrors, capturing the light at a single point and then converting the heat energy into electrical energy," and he stops in the description of the benefits: "These innovative aluminium mirrors are prepared to intercept 91% of the energy received, and reduce investment by 40% compared with other concentrating solar power systems due to its ease of transportation, installation and maintenance."

Nowadays Almirr® solar mirrors are focused on dis-co-stirling applications, which require special mirrors, or to companies which need to use heated water at an average temperature, but it is aimed that Almirr® will become a clear alternative to traditional solar mirrors. ◆

GALICIA

CRÓNICA

Los salarios viajan al pasado

Los parlamentarios gallegos discuten sobre la conveniencia de que el incremento de sus sueldos sea menor que la inflación

Por **José Luis González**

En la foto, los diputados socialistas y comunistas en la votación del acuerdo para establecer un aumento del 1,5% en los sueldos de los funcionarios gallegos.

El acuerdo entre los partidos socialista y comunista para establecer un aumento del 1,5% en los sueldos de los funcionarios gallegos ha sido aprobado por los diputados gallegos. Los parlamentarios socialistas y comunistas han votado a favor del acuerdo, mientras que los diputados del PP y Ciudadanos se han abstenido. El acuerdo establece un aumento del 1,5% en los sueldos de los funcionarios gallegos, lo que supone una reducción del 1,5% en el incremento que se había propuesto inicialmente. Los diputados socialistas y comunistas han argumentado que es necesario establecer un aumento más modesto que la inflación, para evitar una situación de desequilibrio presupuestario. Los diputados del PP y Ciudadanos se han opuesto a este acuerdo, argumentando que es necesario establecer un aumento más significativo que la inflación, para garantizar la competitividad laboral y la estabilidad presupuestaria. El acuerdo ha sido aprobado por los diputados gallegos, lo que supone una victoria para los partidos socialista y comunista. El acuerdo establece un aumento del 1,5% en los sueldos de los funcionarios gallegos, lo que supone una reducción del 1,5% en el incremento que se había propuesto inicialmente. Los diputados socialistas y comunistas han argumentado que es necesario establecer un aumento más modesto que la inflación, para evitar una situación de desequilibrio presupuestario. Los diputados del PP y Ciudadanos se han opuesto a este acuerdo, argumentando que es necesario establecer un aumento más significativo que la inflación, para garantizar la competitividad laboral y la estabilidad presupuestaria. El acuerdo ha sido aprobado por los diputados gallegos, lo que supone una victoria para los partidos socialista y comunista.

EL ESTILO DE VIDA **LA VIDA FAMILIAR** **DE JUVENTUD EN GALICIA**

INTERVISTAS

OPINIÓN

ATLÁNTICO

Alucoil 'da a luz' a los espejos solares de aluminio

Son la alternativa a los módulos tradicionales al conseguir mayor ahorro en transporte, instalación y mantenimiento

Jesús Martínez

SOCINI. Alucoil ha entrado con convicción en sistemas de producción de energía solariva. De esta manera, la filial del grupo Alcoa ha puesto su mano en la construcción de un parque fotovoltaico de espejos solares fabricados en aluminio.

El funcionamiento de Alucoil es idéntico al de su homólogo en espejos de cristal, captando la luz en un sistema de espejos que reflejan y convergen la energía solariva en energía eléctrica. Estos espejos han sido tallados en prácticas dimensiones. Los dos últimos años en Alucoil para obtener las certificaciones de calidad de certificadas como las de UL o IEC.

Alberto Basco, jefe de producción de Alucoil, se muestra optimista con el proyecto. "Queremos ser una alternativa clara a los sistemas tradicionales". El director no oculta sus expectativas, ya que, tras la exitosa de Alcoa en dirigir a aplicaciones más pequeñas, como empaques de diseño-estilo, que requieren ataúnes expeditos o la remoción de la superficie de los mismos a una temperatura media.

Estas innovadoras espejas de aluminio están preparadas para instalar en el 95% por ciento de la tierra seca del mundo. Una de sus fortalezas

Alucoil supera una revolución en la energía solar de concentración. —A.C.

de la Energía y la colaboración de la Agencia de Desarrollo de las



de las fortalezas de las fortalezas, y de las fortalezas, ya que las fortalezas que se reflejan en el sistema de espejos de aluminio son las de la durabilidad. Con las creces del desarrollo de las plantas termosolares entre abiertas en el tránsito se ha tomado medidas para tener reservas.

elEconomista

se instalarán en el sistema de generación. En este punto, Alucoil también ha distinguido el trabajo de instalación en contra la Secretaría de Estado, con pocas interrupciones. "Porque las personas trabajan bien", dice el jefe de la planta de concentración. "Porque las personas trabajan bien", dice el jefe de la planta de concentración.

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Flexibility to adapt to the global model

Clemente González Soler offers his opinion as a guest on the newspapers La Región and Atlántico Diario, regarding a report that explores the relationship between wages and inflation. The president of ALIBERICO believes that "improving the quality of life of a country and its citizens must be sought in increasing per capita income, GDP, and not external factors like oil prices, raw materials or energy." As a result, he believes that "indexing wages to CPI is an outdated, obsolete concept." Instead, he is in favour of linking wages to productivity gains: "This would have very positive repercussions in the Spanish economy, but would involve a realignment of the business model and the relationships within it. We must be increasingly flexible to be able to adapt to the new historical and economic moment we are living, marked by the effect of globalization." ◆

Clemente González Soler on RNE



In difficult times is when I'm calmer," said Clemente González Soler to journalist Manuel Ventero. The answer refers to the sporting challenges overcome by the President of ALIBERICO in his lifetime and more specifically to crossing the Atlantic, which he did in 1995 aboard his 12 metre yacht with three other friends. "It took 16 days and 4 hours, and I do not deny that I was afraid. There were times when I would have given anything to have been on dry land, leaning against a tree," he says.

With reference to his more adventurous nature, the interview between Clemente González Soler and Manuel Ventero begins, broadcast on January 20th by RNE in the programme Siluetas (Silhouettes). Almost an hour of conversation in which, when questioned by the journalist, the president of ALIBERICO talks about his personal and professional career and the evolution of his business ventures.

On the creation of ALIBERICO, González Soler recalls that he rescued a brand from 1951 and launched the company in 1987 with two loans of 250,000 pesetas from the Banco Pastor and Banco de Sabá-

dell. "When you start, you not only lack money, but support, and the main support I found was that of my wife," he says.

He highlights from the company its original calling abroad, which over the years has made it possible for ALIBERICO products to be present in over 45 countries on five continents and that in 2011 65% of group turnover comes from the abroad. He also stresses the value of a team of over 900 people who with their commitment, enthusiasm and dedication are the "main asset" of the group.

Clemente González Soler admits to the journalist that "the future is made of aluminium," and shows the conservative nature as one of the hallmarks of the Group. "We are an industrial and technological group and conservative in our management style. We have no debt, but every time we spend a euro we think about it twenty times," he says.

Full interview at: <http://www.rtve.es/alacarta/audios/siluetas/siluetas-clemente-gonzalez-soler-20-02-11/1024273/>. ◆

"15 days with 15 Business Leaders"

Alibérico's President taught a lesson on strategy and leadership to business managers at the EDEM Foundation

The last 5th of May on the agenda of the 6th edition of the course "15x15: Share fifteen days with fifteen Business Leaders", held in Valencia by the school of entrepreneurs EDEM, the president of ALIBERICO GROUP was asked to teach the morning lesson and the open discussion that took place at lunch.

This course is targeted to entrepreneurs, directors and managers in positions of responsibility within the company, and is designed to enable participants to extract some ideas to help improve the performance and trajectory of their business.

Classes started on February 10th and counted with the participation of fifteen prominent business leaders who have sliced up, in front of an audience of professionals, their business models and business strategies as well as how to manage and provide leadership.

The 6th edition has assembled in this order, the following list of speakers: Antonio Catalán, President of AC Hoteles; Félix Revuelta, President of Naturhouse;

Francisco Pons, President of Importaco; Javier Campo, President of Zena Group; Javier Serratosa, President of Nefinsa-Uralita; Vicente Boluda, President of Boluda Maritime Corporation; José María Castillejo, President of Zinkia; Francisco Juan Ros García, CEO of Ros Casares Group; Federico Michavila, President of Torrecid Group; Juan Roig, President of Mercadona; Clemente González Soler, President of Alibérico Group; Mónica de Oriol e Icaza, Executive President of Seguriber Group; Manuel Palma, President of Palma Group; Josep Terradellas, President of Tarradellas Group and José Ramón García, President of Blusens.

EDEM is a school of entrepreneurs located in Valencia, whose mission is to train executives, managers and entrepreneurs, and promote leader and entrepreneurship. EDEM was founded in 2002 as a non-profit foundation and as a private organization created in the environment of the Valencian Association of Entrepreneurs (AVE). EDEM's Foundation sponsors are renowned leader companies from the Comunidad Valenciana. ♦



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