



# *Euro*ASTRON*ews*

## Buildings of the Year 2006



## Editorial



conference with you in Sitges, near Barcelona.

Our two businesses and organizations (ASTRON & Lindab Building Systems KFT) will soon become one and, most importantly, we will operate with just one Builder-dealer net, with one harmonized and improved product line, offering more choices and enhanced quality.

CYPRION will also be extended to provide further support in marketing and selling.

Our goal in "ALLIANCE" has been all along to provide additional benefits to our Builder dealers Europe-wide and to help you, in turn, develop your businesses.

That's enough talking for now. Let's wait until Sitges. You'll be able to judge for yourselves there!

**David Brodetsky**  
**Managing Director**  
**ASTRON BUILDINGS S.A.**

## 2007 - The signs are good

The construction industry was healthy in 2006 and 2007 will probably be "more of the same". Business is good in most of our markets which is reflected in the high order backlog we currently have on hand.

We are currently going through an intensive engineering recruitment program to ensure we have the resources on board to maintain acceptable lead times. Steel prices seem to be stabilizing - although there might be some further increases they are not likely to be as significant as the high increases we experienced in 2006.

**Just 35 days to go.** In just over a month we'll have the pleasure of hosting an exceptional "ALLIANCE"

## The Winner of the "Multi-Storey Building of the Quarter"



**Builder:** Moduling d.o.o., Slovenia  
**Customer:** Ministry of Education  
**Architect:** Jože Sraka

## Congratulations to the "Building of the Month"

October 2006



**Builder:** Asenhajmer Sp. z o.o., Poland  
**Customer:** Municipality Elblag  
**Architect:** Piotr Paldyna

November 2006



**Builder:** Rotonda Statyba, Lithuania  
**Customer:** Tokvila  
**Architect:** Darius Jakubauskas

December 2006



**Builder:** Océanis, France  
**Customer:** Mr Auberville  
**Architect:** Max Ollivier

## ASTRON Buildings of the Year 2006

Traditionally we reveal who the winners of the ASTRON "SSB Building of the Year" and "MSB Building of the Year" contests are in March each year. This year, however, we will make an exception and preserve the outcome until our ALLIANCE Conference on April 19<sup>th</sup>. Together, we will award the winner for whom a trip for two people to the Caribbean awaits.

The Buildings of the Year 2006 have been nominated through a majority vote by ASTRON Builders from the "Building of the Month" and "Building of the Quarter" contributions.

In order to enter the coming year's contests, simply send your best pictures (300 dpi) of a building to [j.missal@astron.biz](mailto:j.missal@astron.biz). ASTRON will offer the Building of the Month and MSB Building of the Quarter winners



not only a dinner for two people in a gourmet restaurant but also feature the building on the first page of the ASTRON website with the name of the Builder and a link to his company presentation on the ASTRON Website.

## ALLIANCE Conference: D-35 Days to go



**In just slightly more than a month we will have the pleasure of hosting the ALLIANCE conference for you in Sitges – Barcelona!**

**Together, we will discover Sitges and Barcelona's Mediterranean atmosphere, introduce the numerous exciting new products from ALLIANCE as well as convey other information of interest to you.**

You are a large group of people participating in this great event!



From Italy to Iceland; from Russia to Portugal; nearly 30 countries will be represented. More than 600 people, Builders from both Networks as well as ASTRON and LINDAB employees and managers will come together.

In the auditorium, interpreters will translate the presentations into German, English, French, Hungarian, Polish, Romanian, Russian and Czech.

The 200 partners accompanying will be divided into small groups

according to their language and will visit this mesmerizing city and its remarkable heritage and history. Naturally, for the Gala Dinner and the Saturday excursion, we will all reunite.

Your ASTRON team is working intensely to prepare this meeting and to make the conference an unforgettable event with occasion to share experiences in a festive ambiance.

**See you soon in Sitges!**



## ASTRON Defeats Challenges In Africa

This article introduces you to fascinating projects in Africa. Albeit the constraining factors and challenging conditions, all projects were great achievements.

### North Africa

In a desolate area of Grande Kabylie (Algeria) on the foot of the Lalla Khadidja Mountain, the agro alimentary complex Cevital decided to build a factory for bottling mineral water. After previous dissatisfaction and with advice from another customer, Cevital turned to ASTRON for a 33,870m<sup>2</sup> total

project that has developed into a great success. Sandwich panels have been used for roof and walls and most noteworthy is that it takes the role as the first ASTRON building to use Lindab Doorline sectional doors.

**Customer:** Cevital



### West Africa



The brewery built in the remote Kissidougou region of Guinea for the client Sobragui S.A. is a further highly interesting project. ASTRON was able to build a technical structure of 6,000m<sup>2</sup>

according to both French and local guidelines. The brewery required infrequent aspects such as storage cellars with temperature regulation, complex ventilation accessories and oversized gutters and downspouts to withstand precipitation. Transportation to Kissidougou was critical and a crane needed to be transported 500km on barely existing mud tracks, a real challenge in the rain forest.

Since the ASTRON participation was only one part of a total investment, there was no room for error or delay. Expectations were, however, met and a second brewery building has now been delivered to the capital, Conakry for the same client.

**Customer:** Sobragui S.A.

### West Africa

However, whilst ASTRON has already built numerous buildings in North Africa, buildings in Western Africa are rarer. BIA, a company selling and performing maintenance on heavy job site vehicles, however, recently opened their second ASTRON reparations building in Dakar (Senegal), this time with an office complex joined to it. The building has multiple windows; two different shades of grey Sinutec-Sinutherm panels, both vertical and horizontal; a parapet; and a canopy. High temperatures made work strenuous but the greater challenge was the periodically heavy rainfall, meaning it could take hours purely to reach the work site on the poorly prepared, water-covered roads.



Nevertheless, the General Subcontractor C.S.L. was most professional and the ease with which the different ASTRON steel pieces can be connected astonished them.

**Customer:** BIA

**Architect:** Debauche

### East Africa

In Djibouti, East Africa, Vigan Engineering constructed a highly unusual building due to the 56% sloped roof as a grain storage for SDTV on behalf of UNESCO's World Food Program. The 5,904m<sup>2</sup> building had to withstand heavily suspended conveyor belts in the ceiling. The roof was too steep for the erectors to stand on and

temperatures were high (40 to 55°C) meaning that the erection sequence had to be carried out in a suitable way so as to accommodate these conditions. In summer 2007 a second identical building will be built for the handling of fertilizers.

**Customer:** Vigan Engineering



## First ASTRON Building On Tahiti



It is in the middle of this volcanic island, situated on an emerald sea, that the first ASTRON building has been erected in Polynesia: a plant for the incineration of hospital waste.

Already two years prior to handing out the contract, a budget, a deadline and a project layout was decided upon. Due to their choice of steel and ASTRON these

constraints were met despite rises in steel costs.

The preliminary project layout was modified in order to respect the technical specifications: a simple and linear building was proposed guaranteeing quality and speed of erection.

The incinerator area of the 330m<sup>2</sup> building with mezzanine has a 9.6m eave height. Wall and roof



systems consist of sheets of 35 micron PVDF coating to comply with the strict requirements of the zones exposed to the saline air.

This new incineration plant proposes a sustainable and environmentally friendly solution and meets the needs of the hospital waste processing in accordance with the effective regulation.

The customer was highly satisfied and stated: "We were congratulated for the building quality. It is really superb from the outside as well as from inside".



**Builder:**  
Archi.bat.concept.multiples,  
Papetee (France)  
**Customer:** Nivée  
**Architect:**  
Archi.bat.concept.multiples

## An Increasing Turnover Thanks To New Premises

CMC, who specialise in the sale, distribution and rent of medical material decided to build new premises in Gleizé (France) in order to offer a greater choice of products and better access to its customers.

CMC went out to tender several companies. However, speed of construction, quality/price ratio of ASTRON buildings and turnkey completion of French Builder Synergie Construction made the difference.

The new building contains a 218m<sup>2</sup> storage space for disinfection and decontamination and a 274m<sup>2</sup> show room with an office space.

It presents the originality of a single slope roof accentuated with two round parts in oriel. The building has an architectural window clearly visible from the main road whereas the entrance is located on the other side of the building.

Mr Prigent, Managing Director of CMC, declared that he was



satisfied: "Thanks to these new premises our turnover is increasing slightly! Also, due to firm deadlines, we moved into the building as scheduled! Thanks to the customer focus ability of Synergie Construction this building is the one which is really in sync with our activity!"

**Builder:** Synergie Construction,  
Messimy (France)  
**Customer:** Comptoir Médical  
Caladois (CMC)  
**Architect:** Jean-Louis Marée



## ASTRON Solutions For Renovation And Transformation

To transform an old building ideally situated and turn it into architecturally pleasing premises is often a much faster and much more economical solution compared to erecting a completely new building. For example, two customers in Luxembourg have chosen ASTRON's renovation system:

### Famaplast

This company's main activity is the production of plastic pipes. They were not granted the planning permission required to build new premises for office use on the existing site in Soleuvre (Luxembourg).

They did not hesitate to ask **Manufacturing Building Systems S.A.** to redevelop their existing storage facilities into a prestigious administrative building with a parapet, horizontal wall panels and domes.

**Builder:** Manufacturing Building Systems S.A., Walferdange (Luxembourg)

**Customer:** Michelis –Sanem

**Architect:** Architecture & environnement S.A.



Electrolux, before ...



... and after



Famaplast, before ...



... and after



### Electrolux

Vianden city (Luxembourg) contracted Mabilux for the renovation of three old buildings dedicated to the production of Electrolux home appliances such as fridges and freezers.

Two buildings were entirely destroyed and the third was cut short of several spans, and then equipped with a new wall system and new roof.

With its totally new face, the renovated building will be used to park the vehicles of maintenance from the local council.

**Customer:** City of Vianden

**Architect:** N.A.

## German-Italian Teamwork

**The Italian Group, Bondioli & Pavesi, belong to the international leaders in the production of motion transmission technology for land and building machines such as public transport vehicles and for industrial technology. In Germany, the enterprise has been successful for decades. When the building in Groß-Gerau could not satisfy the company's present needs any longer, the ASTRON Builder Mörk Bau GmbH & Co. KG was entrusted with a new turnkey project.**

A combined office and storage building with ideal highway connections was erected not far from the former building.

This joint three-storey office and hall offer ideal conditions for both administrative and physical activity as well as enough space for future expansion. Simultaneously, the architecturally appealing solution mirrors the image of the Group.

A grand and impressive glass façade embraces the stairway of the multi-storey building. Curved peak skylights and large ceiling lights have been integrated in the storage section to create a pleasant atmosphere together with the substantial amount of daylight.

**Builder:** Mörk Bau GmbH & Co. KG, Leonberg (Germany)

**Customer:** Bondioli & Pavesi GmbH

**Architect:** Mörk Bau GmbH & Co. KG



## ASTRON Climbs In Russia

The Russian city Dmitrov recently invested in top class facilities for an “extreme” playground with skating ramps, climbing nets, trampolines and other wild activities for youngsters.

The atmosphere in “Xtreme Park”, with a capacity of 1,000 people is undeniably ideal for such creative sporting activities. Architecturally,

the attraction of the building lies in details such as the curved parapet and canopy and curtain wall. This design is furthermore accompanied by a symbiotic Truss system steel sculpture, framing the building’s entrance.

The contract for this 4,000m<sup>2</sup> building was given to the Russian Builder **Casa International**, who



has previously erected many other ASTRON buildings successfully.

It is always fulfilling to recognise synergy effects between ASTRON, our Builders and other companies in the Lindab Group. This time the ventilation system was supplied by

Lindab, a “cross dealing” that provided benefits for all parties.

**Builder:** Casa International, Moscow (Russia)  
**Customer:** Dmitrov administration  
**Architect:** Alexey Nikitin



## A Luminous Lamppost Building

Tungstram-Schröder is in the lighting systems business and specialises in replicas of 19<sup>th</sup> century lampposts. Schröder has experienced a rapid growth over the last few years and is now active in more than 30 countries. Convinced by the advantages of our system they decided to call upon the Builder KDTVV Kft to set up their new premises in Hungary.

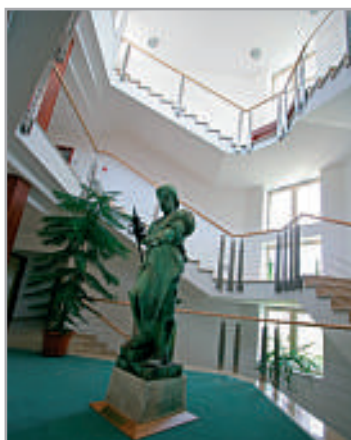


The modern architectural appearance of the complex is emphasized by the use of two different colours for the wall panels, stressed by gentian blue to brighten up the strict structure of the building.

A relative newcomer within the ASTRON Builder Network, KDTVV subcontracted the erection to the experienced Builder **Solyszolg Kft.**

from Budapest. Once more, the synergy of ASTRON Builders has proved worthy.

**Builder:** KDTVV Kft, Székesfehérvár (Hungary)  
**Customer:** Tungstram-Schröder  
**Architect:** Ádám Hatvani



First a 2,500m<sup>2</sup> building was built, serving as storage for finished and semi-finished products.

Fully satisfied by KDTVV’s co-operation Tungstram-Schröder decided to place a new order. The second 648m<sup>2</sup> building is a locksmith workshop, where lamppost elements are produced.

An open area is next to the main building, where semi-finished products are stored and preparation work is done.



# Directline Structures, 'Highly Commended' At The Kent Environment Awards

Directline Structures based in Southhurst (Great Britain) won a Highly Commended Award at the Environment Awards for Kent Business 2006. The award was presented in recognition for their efforts in waste minimisation and management and their overall commitment to sustainable construction.

Juncan Murray, Managing Director of Directline Structures stated: We promoted steel as a sustainable, practical solution for building. We have promoted efficient design and quality product as a better solution, using the most appropriate material.

Our buildings will last much longer than the chalk and sedum ones. In our application presentation we explained that we choose ASTRON because of reliability, efficient design, quality product, but also use of light weight steel. The latter is something the 'experts' understand. If you can supply the same size of building with 20% less tonnage of steel then this is a major selling point (less embodied energy).

He also explained that only about 1% of the steel ASTRON buys has to go back from the factory for recycling, unlike hot-rolled suppliers.

We have found that a lot of what we do as normal is seen as exceptionally good practice, but we have been too modest. Now we must tell the world, and chase extra business through this current fashion.

Of course our award was for lean design throughout, not just with steel, minimum waste, and environmental consideration at all times".



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