



European Formula 1 Grand Prix in Valencia
City course with temporary structures

Editorial



Heinrich J. Nüssli



Andreas Steiner

Dear business partners,
Dear readers,

Long-term collaboration is to do with trust: trusting that promises will be kept in a punctual and precise manner; trusting in a partner who also realizes unusual solutions quickly and promptly. With this as its basis, NUSSLI continues to experience growth.

A good example of trust is the conclusion of a long-term contract with "Valmor Sports S. L.". The company organized for the first time the Formula 1 Grand Prix in Valencia, where the 32nd America's Cup was held, and entrusted us with planning and building the temporary structures necessary for ensuring the success of this famous motor sport event.

And this is also to do with trust: if customers know we'll be there for them wherever they go – NUSSLI supports them on a global scale. This year, besides a multitude of projects at UEFA EURO 2008™ and Expo Zaragoza, we have completed exciting projects in China, Qatar and Libya. And we will be bringing our know-how to Expo Shanghai in 2010. Systematically sticking to our globalization policy will continue to be our credo in the years to come.

In everything we do, you can rest assured that we will never lose sight of our goal, which is to win over our customers in the area of temporary event, exhibition and pavilion constructions with technically demanding solutions of unstinting quality.

The following pages provide you with an insight into the challenging projects that NUSSLI has been working on in recent months. See for yourself what's possible when you rely on trust.

Happy reading!

Heinrich J. Nüssli
President of the Board of Directors

Andreas Steiner
Chief Executive Officer

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at UEFA EURO 2008™

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NUSSLI builds for
Formula 1 in Valencia

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The measure of Olympic records at Beijing

Omega for Sports: The official sponsor of the 2008 Olympic Games used glass to showcase itself and its products.

Photos: Omega SA



If a top sportsman or woman broke a record in Beijing, it was the systems of the watch manufacturer Omega that measured this new best time. A responsible special position like this carries an obligati-

on – which is why the company used an incredibly elegant pavilion to showcase itself to the sports world at the Olympic Games and Paralympics. In the process, Omega entrusted NUSSLI with detailed planning,

project planning, execution and technical operation. The tight schedule proved to be a particular challenge: from the beginning of April until the start of the Games on August 3, NUSSLI set about creating a veritable glass palace with a transparent façade surface of 17,000 square feet. Local procurement added to the project's appeal. In the course of this, NUSSLI had to rely on both material resources in the host country and reliable local workers. The project was a success: Omega saw its high quality demands fully met, with the pavilion proving itself as an exclusive showroom for the watch manufacturer. It also served as a backdrop for VIP receptions and as a popular spot for media interviews. In addition, the upper floor served as a VIP Lounge and housed the TV studio of the television station Eurosport.



Client:
Omega SA, Biel, Switzerland

Time to build:
4 months

More room for unforgettable moments

For the FIFA World Cup 2010™ in South Africa, plans are underway to expand the new stadium in Cape Town by adding seats that can be dismantled.

Computer animation: gmp - Architekten von Gerkan, Marg und Partner



The countdown has already begun: the next world-class soccer event will take place in South Africa in 2010. As with all major sporting events, the World Cup poses considerable challenges for the capacities of the sports venues. Flexible solutions are called for that can be used to create large additional capacities at short notice. Something that's right up NUSLI's avenue. Together with the stadium architects, experienced planners have taken

on the complex work of expanding Cape Town's new Green Point Stadium. With a reliable concept, they will ensure that another 12,000 fans can enjoy unforgettable soccer moments with the best views possible. A sports arena will therefore be built with 64,000 seats in total. The special thing about it: for the first time, FIFA has approved a stadium with grandstand seats that can be dismantled. This concept enables 12,000 seats in VIP and

sponsor areas to be converted for later use.

Client:

BKS (Pty) Ltd, Bellville, South Africa

Architects:

gmp Architekten Berlin, Germany

Task:

Expand the stadium to accommodate another 12,000 seats

Planning partner for the Ice Hockey WC 2009

On the occasion of the 2009 Ice Hockey World Championships, overall planning for the temporary expansion of the stadiums in Berne and Zurich is in good hands.

Major sporting events increasingly call for superlatives when it comes to short-term and temporary additional capacity. The

2009 Ice Hockey World Championships in Switzerland will attract huge interest – the organizers have therefore already turned

to NUSLI's planning expertise early on in order to be able to create the concept for increased space requirements in the stadiums for media representatives, player dressing rooms and TV studios in Berne and Zurich. Standing room will also be converted into seating and a row of podiums will be installed for cameras and advertising vehicles.

Computer animation: NUSLI



Client:

Organizing Committee 2009 IIHF World Championship AG, Zug, Switzerland

Task:

Coordinate and plan all requirements of the Organizing Committee from a single source

Spectacular trade fair architecture in Zaragoza

At the theme-based world exhibition, Switzerland, Austria and South Africa put their whole trust in NUSSLI in order to present their countries to the public.



Source: ATELIER BRÜCKNER, Photo: Luis Asin

What do Austria, South Africa and Switzerland have in common? Each country tried new paths to showcase themselves at Expo 08 in Zaragoza, Spain – and fully relied on NUSSLI’s know-how in doing so. Austria’s pavilion for example consisted of a rotunda containing 1,765 cubic feet of wood with a 180 degree projection sur-

face. South Africa likewise opted for an aesthetic wooden construction. A space-filling sail dominated the Swiss exhibit, employing multimedia and multifunctionality to play with the water topic and ensure that the exhibition space was kept cool.

Clients:
Austrian Federal Economic Chamber;
Presence Switzerland;
Kagiso Exhibitions & Events

Architects:
Strauss Solid Ritter, Fischer Architekten AG,
i g architects

Architecture influenced by water

The “Ciudades de Agua” pavilion caused a stir at Expo 2008.



Source: ATELIER BRÜCKNER, Photo: Luis Asin

The overriding theme of Expo 2008 in Zaragoza was water. The international exhibitors approached this element with

innumerable creative ideas and inquired not least about its future. With a futuristic building project, NUSSLI also played a

key part in the world exhibition: the circular shell of the theme pavilion “Ciudades de Agua” (Cities of Water) with its open, four-story construction and measuring 78 feet in diameter was one of the big draws for the public. Up to 50 fitters were involved in building it over the course of eight months.

Client:
Sociedad Expoagua Zaragoza 2008,
Spain

Task:
Turnkey construction of the pavilion, incl. exhibition part of the theme pavilion

Unusual feature:
Ciudades de Agua was deemed one of the best pavilions

Changeable façade art at the world exhibition in Zaragoza

Innovative façades cast a spell over the Expo exhibition grounds in Zaragoza - night and day.



Source: ATELIER BRÜCKNER, Photo: Luis Asín

How do you give a pavilion a new look time and again? How do you convert a façade into a fascinating object of art with new impressions on perspectives and surprising insights time and again? The exhibit architects from Atelier Brückner and NUSSLI's project team have been taking a close look at these questions. They built among others the Ebro 1 pavilion, whose façade was manufactured from 160 revolving lamellas over 650 feet long. Visitors to the Expo in Zaragoza altered the pavilion's appearance by moving the lamellas time and again – alternating between alpine winter landscapes or sunny summer landscapes. The design of the façade for the Ebro 2 pavilion with the theme

“Africa” was equally spectacular. Over a façade surface of 13,000 square feet, little semi-transparent mirror tiles stirred by the wind ensured wave-like reflections during the day. At night, the interaction between graphics and LEDs impressed visitors with unusual light moods. Graphical animations brought Africa's animal kingdom back to life on the large-scale pixelated façade. Yet there was not only plenty to discover outside as 13 African countries were on display inside – the idea for the exhibition was also created in collaboration with Atelier Brückner. The engineers and architects overcame the ambitious challenges in a development and planning period lasting almost two years. The

actual assembly took around a year to complete in phases.

Client:

Sociedad Expoagua Zaragoza 2008, Spain

Contractors:

Atelier Brückner and NUSSLI in tandem

Planning:

November 2006 – May 2007

Assembly:

June 2007 – May 2008

Impressive stage for displaying time

There's hardly anything more precious than time: the stand for the luxury brand SEIKO was built according to this motto for this year's Watch and Jewelry Show.

Photo: Gaudenz Danuser



Are three weeks and 24 fitters enough to create a glamorous stand concept with 41,000 glittering Swarovski jewels without time standing still? NUSSLI took up this challenge at Baselworld 2008 and built a three-story cube with remarkable dimensions: 70 x 70 x 30 feet. The result was a veritable shrine to watches, with the premium manufacturer SEIKO able to showcase its finest pieces in these rooms. Planning these show highlights only took five weeks, with production of the stand elements taking just four short weeks. A brilliant achievement rewarded with NUSSLI being nominated for the ADAM Award by the German professional association FAMAB for its SEIKO stand. And that's not all: the booth constructions in Hall 3 were complemented by a new design concept involving the Hall of Impressions. NUSSLI built the large exhibition space, which measured almost

32,000 square feet. It enabled 85 brand companies to showcase their latest prime specimens in a rarified atmosphere.

SEIKO stand:

Event: Baselworld 2008
Client/architecture: Tanseshia, Japan
End customer: SEIKO, Japan
Planning and production: 9 weeks
Assembly: 3 weeks, 24 fitters

Hall of Impressions:

Client: Messe Schweiz AG, Switzerland
Architect: Dany Waldner, Zurich/Basel, Switzerland

King-size futuristic eye-catcher

The Sindelfingen theme park commissioned NUSSLI to build an enormous spaceship measuring 108 feet long and weighing 200 tons.

Design: Different Futures, Photo: Tom Vack



Cosmic challenge: an imposing spaceship with life-like dimensions is considered a special attraction in the Sensapolis amusement park in Sindelfingen since last summer. A genuine space colossus with impressive dimensions was produced in just three months from an elaborate steel construction and CNC-milled polystyrene parts: 108 feet long, 56 feet wide and 56 feet tall. No less than 28,000 man hours were invested in the colossus, sometimes in two shifts, in order to meet the tight schedule.

Client: Medal Holding GmbH, Kehl, Germany
Architecture: Different Futures, Vienna, Austria
Weight of steel construction: Approx. 100 tons
Weight of spaceship: Approx. 200 tons

Stage free for made-to-measure tradeshow events

At America's most important auto show, the premium manufacturer opted for NUSSLI's know-how.

Photos: Andreas Keller Photography



Cars embody emotions – some 700,000 people expressed their passion for driving and engines by visiting the 2008 North American International Auto Show in Detroit. A leading manufacturer like Audi, which makes remarkable vehicles in the premium segment, also consistently opts for an equally remarkable stand during such large-scale events. NUSSLI was tasked with developing a very special construction: it created a visionary stand with two floors over a floor space of 14,000 square feet. The high value of the new Audi models was also rendered by using glass, high-grade steel as well as aluminum on the stand. The construction period of seven weeks was realized in two shifts. The material had to be transported across the Atlantic in 28 containers.

Client:
Audi, Germany

Architect:
Oettle Ferber Associates, Munich,
Germany

Time to build:
7 weeks, 2 shifts

Quality comes first in Valencia

Formula 1 personified: more than 100,000 people experienced racing up close and personal thanks to modern grandstands – right in the heart of the city.



Photo: Valmor Sports

The Grand Prix of Europe in Valencia is one of the most exciting things that Formula 1 has to offer: for NUSSLI, the challenge to build easily accessible, safe grandstand seats affording the best view possible along the new city circuit together with sub-contractors was also very

exciting. Besides 3,000 VIP seats, 36 commentary boxes as well as six mighty bridge constructions, the team erected roof surface areas measuring around 50,000 square feet. Aside from the high demands on precision and speed, efficient logistics was critical. Around 280 HGVs, which had

loaded 4,800 tons of material, needed to be coordinated accurately and on time. It was the biggest grandstand project that NUSSLI has completed to date. NUSSLI will also be present in future at the Formula 1 in Valencia – an exclusive contract lasting several years was concluded with Valmor Sports.

Client:
Valmor Sports S.L., Valencia, Spain

Time to build:
2 months

Material:
4,800 tons, 280 HGVs

New spectator seats for the speedway track

Lawrenceburg Speedway is regarded as one of the leading Dirt Track facilities in America – especially following the latest reconstruction project which added more safety and comfort.

Lawrenceburg's spectacular clay track in the state of Indiana has enjoyed cult status among American motor sport fans for many years – the first ever races were held here back in 1950. With the recent

reconstruction, NUSSLI played a leading role: the team first dismantled around 1,200 grandstand seats in order to then lay them on new, raised concrete foundations. In addition, the crew installed

around 1,670 extra permanent grandstand seats in turn 2 of the race track. NUSSLI was also responsible for producing and installing the 2,200 feet long concrete barrier on the outside as well as the safety fence attached to it. The Lawrenceburg Speedway is now the premier dirt track facility in America.



Photo: NUSSLI

Client:
City of Lawrenceburg, Indiana

Project schedule:
2 months for design, 2 months for production, 4 months for assembly

Partner:
American Structurepoint,
Smith Roberts & Associates



"Temporary constructions have now become indispensable pillars of large sporting events. They provide the basis so that many people – even entire cities – can enjoy an event like EURO 2008 as a collective experience. Temporary building infrastructures also guide crowds of people into well-ordered channels and therefore ensure the highest possible safety – however, this is only the case if they are planned and implemented by consummate professionals."

Martin Kallen, COO EURO 2008 SA

UEFA EURO 2008™ is also a success story for NUSSLI

What makes a large sports event a success? First of course people, whose enthusiasm encourages soccer stars to produce outstanding performances and who therefore create very special moments together. And then there's all those in the background taking care of the details, creating the structures and ensuring that crowds of people can enjoy the sport safely and on an orderly basis even when they're bursting with enthusiasm. NUSSLI made a significant contribution in every respect to a successful EURO 08 with several construction and infrastructure projects throughout Switzerland and in Austria.



Building bridges for soccer

More room, greater safety: in Vienna's Ernst-Happel-Stadion, a temporary stadium adaptation was carried out for EURO 08.

Photo: NUSSLI



To be able to meet UEFA guidelines, 5,000 seats had to be added to the Ernst-Happel-Stadion for EURO 08. The specialists from NUSSLI therefore created an additional 5,400 seats including 100 seats

adapted to the needs of the disabled in the lower tier of Vienna's Ernst-Happel-Stadion in no time using UEFA-certified structures. In addition, NUSSLI built several bridges, for example a mighty 130 feet bridge that

connected the TV compound with the stadium. It also built a 46 feet stair tower as well as two footbridges for the press and accredited staff measuring 85 feet and a 130 feet footbridge connecting the media center with the stadium.

Client:
Wiener Stadthalle, Ernst-Happel-Stadion, Austria

Production time:
4 weeks

Assembly:
24 days

Material:
250 tons

A million soccer fans celebrate the heroes

NUSSLI created a new dimension to Public Viewing in the Host City of Zurich. Floating platforms introduced new trends.



The task at UEFA EURO 2008™ was gigantic in the true sense of the word: it was a question of bringing the stadium atmosphere, enthusiasm for soccer and joy from sport to the heart of Zurich's city center (in and around Bellevue Square) in a specific and orderly manner. Two large entrance portals formed the heart of the Fan Mile, which provided more than a million sports

fans with an unforgettable experience thanks to a covered grandstand, two large screens and a floating platform. The VIP lake platform was considered one of the main highlights. Up to 800 guests tucked into the exclusive catering service over an area of 17,000 square feet while enjoying a superb view of the 670 square feet large screen, which was also anchored in

the lake. Seven Skyboxes for special guests were fixed to the grandstand in such a way that the VIPs were able to not only follow the games; they also had a unique view of the celebrating crowd. All installations were carried out in just ten days, with 70 installers working in two shifts to get things ready on time.

Client:

Verein EM 08 Zürich, Switzerland

Assembly:

Approx. 10 days
(excl. pre-assembly for lake platform)

Unusual feature:

Assembly of the lake platform in Bäch included a six-hour lake crossing to the point of destination

A temporary stadium of superlatives

The „9th stadium“ in Liestal was the largest temporary soccer arena at UEFA EURO 2008™. It was a public viewing specially for families.



Pulling out all the stops for the big sporting moments: a magnificent arena was constructed between Liestal and Bubendorf for the duration of the EURO 2008 soccer event. Switzerland had never seen such a perfect temporary, fully covered stadium before. NUSSLI was responsible for handling all development stages – from planning through to completion. A

veritable soccer wonderland was therefore created for 13,500 fans in total, which were able to experience an authentic live feeling thanks to gigantic screens – it was almost like being on the pitch at the actual games. Spacious VIP levels, enormous stages for the LED screens, complete stadium cladding, several outdoor stages, and various entrance portals – the challen-

ge in terms of logistics and planning was huge. An army of installers was used to build the so-called “9th stadium” as part of the “Host City Basel” from 400 tons of material. The arena measured 360 x 200 feet and ensured that soccer enjoyment in Liestal was equal in every way to the experience enjoyed in the eight original venues.

Task:

Build a complete temporary stadium

Scope:

Approx. 6,500 seats,
standing room for around 7,000

Assembly:

6 weeks

16 UBS Arenas – 16 times on the pulse of UEFA EURO 2008™

A new era of Public Viewing dawned during UEFA EURO 2008™. 16 UBS Arenas served as prime examples.



Photo: SHOTmedia

Sometimes bare figures are best able to express the size and importance that a project has assumed. A real battle for materials was needed to create a total of 16 UBS Arenas for Public Viewing at EURO 08: 2,500 tons of system components for grandstands, portals, stages and platforms had to be transported and then assembled in all regions; 200 tents for

catering, sponsors and VIPs with a total area of almost 65,000 square feet appeared as if by magic; 150 large containers for office and storage purposes as well as toilets were available; 1,290,000 square feet of cladding covered the arenas and these were surrounded by 7 feet tall fences stretching for over 4 miles. The specialists from NUSSLI were responsible

for coordinating this mammoth task. They coordinated the construction with authorities and partners – at 16 different locations, with 16 completely different sets of conditions and for the most part at the same time. However, the effort was worthwhile and ensured that lots of people will remember the EURO 2008 soccer festival in their region for years to come. NUSSLI therefore helped Public Viewing in Switzerland develop its original event character, with a new culture of experiencing things together emerging.

Client:
Perron8 Management AG, Biel, Switzerland

Task:
Planning, delivery, construction and maintenance of the UBS Arenas (as general contractor)

Pallets used to create highly imaginative architecture

NUSSLI built an adventure city out of 8,000 Euro pallettes for the European Championships in Zurich.



Photo: SHOTmedia

The Migros Family Park is certainly one of the most spectacular wooden constructions that has been ever been built in such a short space of time: an area with an enormous adventure playground and five buildings made up of 8,000 new Euro pallettes was built in just ten days during EURO 2008. NUSSLI built over a floor space of 54,000 square feet. For fire protection

reasons, the spaces between the pallets had to be boarded up for good measure – wooden slats measuring over 15 miles in total were needed for this. Following the Championship, the pallettes came in handy again for Migros' day-to-day goods movements – a prime example of sustainable economic management.

Client:
Migros Genossenschaft Zurich, Switzerland

Architect:
Bellprat Associates AG, Switzerland

Assembly:
10 days with 25 fitters

Unusual feature:
Park made from Euro pallettes

Tough assignment in the desert sun

In daytime temperatures of up to 122°F, NUSSLI increased the capacity of the Khalifa Tennis Stadium in Qatar's capital.



The booming desert city of Doha hosted the "Sony Ericsson Championships 2008" tennis event for the first time. To meet the requirements of the WTA Championships, the existing tennis stadium had to

be expanded substantially. Under boiling hot conditions in part with highs of 122°F and humidity of up to 90 percent, adding three grandstands to accommodate an extra 3,500 spectators, twelve commentary

boxes and increasing the height of the grandstand construction represented a special challenge for workers and material. The grandstands were attached to the rear wall of the existing construction on three sides and rose almost 100 feet in the air. NUSSLI managed to use some 700 tons of structural components for construction in just four weeks under the desert sun – on schedule and in a reliable manner. Three weeks had to suffice for planning and production.

Client:

QOC (Qatar Olympic Committee), Qatar

Scope:

Add around 3,500 seats to the stadium

Assembly:

4 weeks with around 130 fitters (incl. local help)

Modular soccer stadiums are catching on

A modular stadium based on FIFA guidelines towered upwards within the space of 75 days in Libya's second largest city.



The well-drilled team from NUSSLI achieved a superb feat of structural engineering in the desert sun of Benghazi in collaboration with the V-Consult International Group: a completely closed and covered soccer stadium for almost 11,000 spec-

tators was built in just two-and-a-half months to house the city's four soccer teams. The sports arena complies with all FIFA guidelines. NUSSLI was not only fully integrated in planning and coordination – in addition to construction, it also took

care of installing the floodlights as well as the sound system and its electrical installation. 85 overseas containers transported the material, which weighed 1,250 tons, was galvanized and is ideal for the tough desert conditions. Thanks to the short distance between the spectators and the pitch, fans can experience soccer at close quarters in what is no doubt Libya's most modern stadium.

Client:

LIDCO LIBYAN INVESTMENT and Development Company

Project schedule:

2–3 months planning, 40 days to build grandstands, 2.5 months to complete

Scope:

Around 45 fitters (5–6 weeks), 80 fitters at peak times

Material:

1,250 tons

Special grandstand construction for world's tennis stars

NUSSLI expanded the Nicola Pietrangeli Stadium temporarily for the Tennis Masters Series in the Foro Italico in Rome – with due consideration for the historical structure.



Photos: Archiv FIT, Antonio Costantini

NUSSLI Italia S.r.L is the new official supplier of CONI Servizi SpA (Italian National Olympic Committee) for modular grandstands for sports facilities and is therefore consolidating its market position in this area.

Whenever large sporting events draw more and more people, flexible solutions are called for that generate an increase in capacities and can be dismantled again after-

wards with no mess. In the case of the Stadio Nicola Pietrangeli in Rome, the special challenge involved carefully expanding the existing arena from the early twentieth century to accommodate the Tennis Masters Series. The highlight: with due consideration for the historical structure, 18 stone statues had to be integrated into the concept, which increased seat capacity from 3,000 to 9,000. In addition, a temporary stadium

with 3,000 seats was built exclusively for the tournament. Both constructions were dismantled again in a few days.

Client:
Federazione Italiana di Tennis, Italy

Volume:
25 fitters, 2 project managers

Material:
500 tons, 30 HGVs

Perfect backdrop for a long runner

All eyes from the world of automobiles were trained on Berlin: VW unveiled the new Golf VI, while NUSSLI ensured that it cut a very good figure.



Photo: NUSSLI

A global brand like VW relies on busy locations when launching new models – for the Golf Congress 2008, a twin-story event hall with 86,000 square feet of floor space was built on Leipziger Platz in the center of Berlin. In addition to constructing the hall, NUSSLI was also responsible for erecting the main entrance and stands as well as for the facade and roof graphics. Designing the main entrance portal in keeping with the car manufacturer's very latest corporate identity guidelines, which took real shape for the first time in Berlin, turned out to be a real challenge during the launch of the Golf VI.

Client:
Volkswagen AG, Germany

Architect / project management:
HN-Nowak, Germany

Modern grandstand built on ancient foundations

The open-air opera spectacle "Carmina Burana" in Augst made special demands on the construction of spectator seats.



Theater Basel was brave enough to take on an ambitious project by staging Carl Orff's masterpiece "Carmina Burana" in the historic "Augusta Raurica" amphitheater. In addition to the purely artistic matter of staging it, the structural conditions were a particular challenge. Working as a partner, NUSSLI carefully extended the stone circles by adding a curved grandstand for 1,100 spectators to create a closed amphitheater. Particularly tricky: adapting the grandstands to the curve of the existing theater in order to create a harmonious and functional auditorium.

Client:

Theater Basel, Switzerland

Unusual feature:

Attaching the curved grandstand to the amphitheater

Superstars live from the "shell"

Impressive stage architecture was at the heart of the remarkable "Live at Sunset" Festival in Zurich.



where the festival was held, a great deal of tact and sensitivity was already called for at the conceptual stage and later during assembly. A wonderful arena was built in just seven days, with the shell-like stage drawing everyone's eyes to it. A complex grandstand construction also including VIP platforms provided 1,800 spectators with covered seats and great views. A sunset has never been so beautiful and musical.

When top musicians like Diana Ross, Kris Kristofferson or Seal as well as promoters and spectators praise the fantastic light and sound backdrop, even talking in reverential terms about unforgettable moments, then it's also because of the

perfect interaction between details: NUSSLI created an impressive stage for the artists and a superb grandstand for spectators at the "Live at Sunset" Festival (July 9–20, 2008). So as not to compromise the character of the historic Dolder ice rink,

Client:

Impact Music Inc., Zurich, Switzerland

Time to assemble/dismantle:

7 days, 18 fitters /
5 days, 14 fitters

Energy-saving wonder from high-quality wood

First detached family house in Switzerland built according to the strictest low energy standard "Minergie-Passiv-Eco".

Innovation and tradition form a harmonious duo in the detached family house of client Antonietti Baumgartner. The Metzler team of architects from Hüttwilen combined the demands on uncompromising economy, the abandonment of fossil fuels – including the total lack of heating – with the pure aesthetics of top-quality wood in an elegant design. The specialists from NUSSLI turned this residential dream into a reality thanks to precise implementation – all wooden elements were produced within four weeks and installed on-site in just two days by five fitters.

Photo: Bauatelier Metzler



Architect:
Bauatelier Metzler, Hüttwilen, Switzerland

Unusual feature:
Eco house based on the "Minergie-Passiv-Eco" standard

Medieval flair with strong feeling of wellbeing

It doesn't matter whether it's steel, wood, glass or textiles – all kinds of material were used to convert Güterhof Schaffhausen in line with the customer's wishes.

Photo: SHOTmedia



After standing empty for 50 years, life has been breathed into Güterhof Schaffhausen again: The restaurant's brand-new look is also thanks to NUSSLI's planning and production expertise. The ideas of both architect and client came alive in the form of various counter installations, a special podium as well as the design of furnishings. In addition, NUSSLI also realized the lighting concept that was drawn up. Thanks to the sensitive design, the bustling character of a medieval warehouse has been retained without having to forego the tasteful elegance of the present day.

Client:
Kulturgaststätte Sommerlust, Schaffhausen, Switzerland

Task:
Create the guest area, supplying and assembling all built-in fittings and furnishings

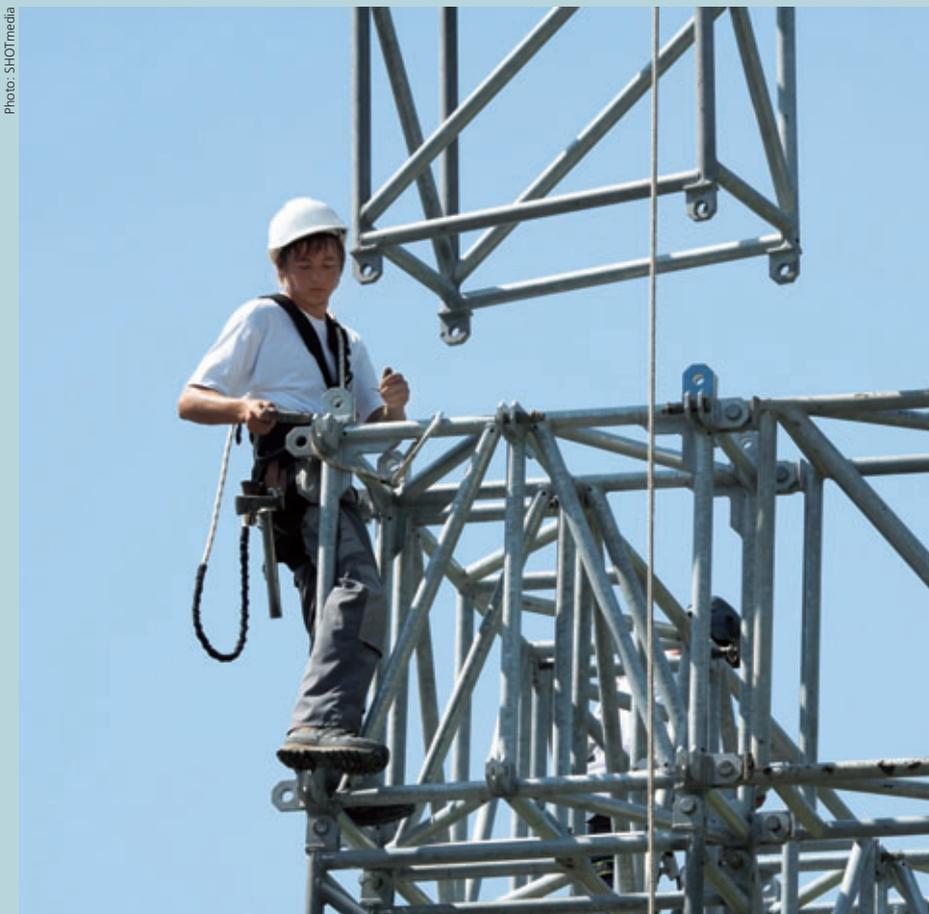
Logistical precision landing for the thrill of speed

The Formula 1 race in Valencia calls for a great logistical feat: NUSSLI coordinated 4,800 tons of material in a precise manner and on schedule.



The Grand Prix of Valencia was an attractive proposition not only for the drivers – the team from NUSSLI was also up to the sporting logistical challenges in Spain. 4,800 tons of material needed to be used at the right time in the right place. A total of 280 semitrailers were needed to transport all the structural components. Lined up in a row, it results in a convoy almost 4 miles long – more than Valencia's entire racetrack. Limited space in the city's harbor area made the logistical challenge more difficult. With NUSSLI coordinating things, some 150 fitters from all over Europe played a part – ten people were needed just for planning the grandstands as well as coordinating the HGVs and staff.

Health and safety as quality feature



The demanding work carried out on NUSSLI's construction sites calls for full concentration – particularly because many a work step needs to be completed at a dizzy height. This is also the reason why particular importance is attached to safety at work. NUSSLI takes this obligation very seriously and systematically relies on high safety standards on every construction site. These standards are constantly improved and augmented in close cooperation with the appropriate safety authorities.

In practice, this means for instance that using a drop safety, which NUSSLI designed, is obligatory for workers from a height of 6.5 feet. The project managers and head fitters are each responsible for implementing the safety measures on-site. They are also the ones who brief staff on the latest safety precautions on the construction site. Regular training courses and cutting-edge safety equipment ensure that the safety standards always use state-of-the-art technology. The health and safety of employees are therefore afforded the best possible protection.

Musical customer event in Hyde Park London

Photos: NUSSLI



Each year, the Serpentine Gallery in London commissions an international architect to plan and build a summer pavilion in Hyde Park. NUSSLI was involved for the second time ever and realized the project for the architect Frank Gehry this year. As builder and sponsor of the colossal work of art made from wood, steel and glass, NUSSLI was able to organize an evening in the newly constructed pavilion itself. Around 80 customers, partners and guests were invited and experienced an interesting and varied program at NUSSLI Night with Swiss

food, music and art. The musical highlight and finale to the event was the premiere of the *Nussliphone*, a xylophone made from the pavilion's clippings. As the Douglas fir wood used has a comparatively low specific density, a unique sound emerges that holds special challenges in terms of music

and structural engineering. Collaboration between the committed musicians and the carpenters from NUSSLI resulted in a new type of instrument and a score composed specially for the *Nussliphone*.

Well worth the wait

Photos: NUSSLI



Completed at long last: all the years of working in improvised office space based on containers were forgotten on September 19 during the opening ceremony of the new building. NUSSLI's German HQ in Roth near Nuremberg has a new, shiny look with lots of glass and its two stories extend over an area of more than 7,400 square feet.

The office building was planned with open and airy principles in mind. Large windows ensure a friendly atmosphere inside. The 60 guests from the world of politics and business also expressed a great deal of appreciation for the successful construc-

tion. They were able to get a good idea of NUSSLI's new German HQ while sampling international specialties and delicious cocktails.

Completion of the office building with warehouses, shelters and 237,000 square feet of storage space provides Roth with a modern, efficient logistics base.



Closer to the customer: NUSSLI opens office in Valencia

The Valencia area has been undergoing a revival for some time as far as major sporting events are concerned – for example sailing, motor sport or tennis. NUSSLI sees excellent market opportunities in this sphere. "Having a local branch means that we can service existing customers even better and faster – and NUSSLI can increase its competitiveness thanks to short hauls. The trigger for establishing a subsidiary is a contract of several years for supplying the Formula 1 event with temporary infrastructures", explains Lluís Herrero, Managing Director of NUSSLI España S.A.

The Valencia location has been conceived as a lean branch office closely linked to NUSSLI's Spanish HQ in Barcelona. The new office is a logistical step towards more comprehensive market cultivation in Spain.

“balancity” to be built for Expo 2010 in Shanghai

NUSSLI is constructing the German Pavilion over an area of more than 65,000 square feet with the theme “urban balance”.

Expo 2010 in Shanghai will undoubtedly be the biggest of its kind in living memory: China expects 70 million visitors. Germany is using this opportunity to present the world with its idea of life in the city with an imposing pavilion in keeping with the Expo motto “Better City, Better Life”. The German contribution bears the name balancity, a made-up word consisting of “Balance” and “City”. Its message: life in the city is only attractive if a balance can be achieved between the old and the new, tradition and modernity, the

individual and the community, work and leisure. Using typical urban spaces and fittings, balancity presents life in Germany and provides approaches to solutions that are “Made in Germany”. The contract was awarded to the Consortium “German Pavilion Shanghai”, consisting of Milla and Partner, Schmidhuber + Kaindl as well as NUSSLI (Germany). NUSSLI is in charge of realization, construction and dismantling. It will use 1,000 tons of steel to create a light, open piece of architecture with a façade surface of around

97,000 square feet that can handle some 40,000 visitors a day.



Computer animation: Milla & Partner, Schmidhuber + Kaindl

Client:

Federal Ministry of Economics and Technology (BMW), Germany

Staging company:

Koelnmesse International GmbH, Germany

Joint Venture (ARGE):

Milla & Partner GmbH (exhibition concept), Schmidhuber + Kaindl GmbH (architecture and planning), NUSSLI (Germany) GmbH (construction)

Overlay planning for the FIFA Confederations Cup 2009

NUSSLI is responsible for planning the temporary infrastructures in four stadiums as well as coordinating its partners.



For the FIFA Confederations Cup 2009 in South Africa, NUSSLI's entire planning and coordination expertise is called for once again: the tournament will be spread over four large sports venues in Johannesburg, Tshwane, Rustenburg and Mangaung, holding almost 200,000 spectators in total. For a soccer tournament of this size, temporary infrastructures are essential. They ensure for example that the media, promoters and sponsors have adequate space. NUSSLI is responsible for overall overlay planning at all four venues. In addition, it is tasked with coordinating local and international partners on-site as and when required and ensuring that the infrastructures in and around the stadiums are built in the shortest time possible.

