The news & jobs magazine from Attractions Management

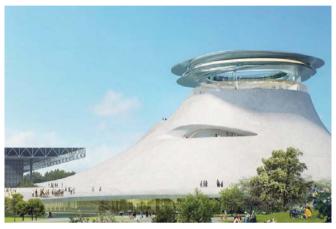
AM2.jobs 12 NOV 2014 ISSUE 13

First images for George Lucas' museum revealed

The first images for the legacy project of director George Lucas - the US\$300m (€220m, £179m) Lucas Museum of Narrative Art (LMNA) in Chicago - have been revealed by MAD Architects.

To be built on prime lakefront land next to Soldier Field stadium, the architectural concept for the LMNA "explores the relationship between nature and the urban environment".

Inspired by the work of Frank Lloyd Wright and Mies van der Rohe, the design - perhaps fittingly - looks as though it has jumped right out of Lucas' most famous work Star Wars. Rising up from the land and crescendoing to



The museum wouldn't look out of place in the Star Wars universe

a "floating" disc, the tallest points of the museum will feature an observation deck, offering views of the surrounding landscape.

The museum will house a collection that includes examples of the special effects pioneered by Lucas and memorabilia such as the original Darth Vader costume.

Beijing-based MAD has been selected as principal designer for the project, while Chicago-based Studio Gang will work on the landscape. In addition, VOA Associates, based in Chicago, will serve as the executive architect and lead the implementation of MAD's design.

"We are bringing together some of the top architects in the world to ensure that our museum experience begins long before a visitor ever enters the building," said Lucas. "I am thrilled with the team's vision for the building and the surrounding green space." $More: http://lei.sr?a=c4D5z_A$

Struggling Euro Disney reports €114m net loss

Following its €1bn (US\$1.2bn, £785m) restructuring of debt from Disney, Euro Disney has reported a multi-million euro net loss, with revenues for the year down two per cent compared with 2013.

Last year the park reported losses of €79m (US\$100m, £62m) and 2014's figures puts the park a further €35m worse off, with figures signifying a net loss of €114m (US\$141.3m, £89.3m).

Euro Disney president Tom Wolber said the poor numbers were a result of "continued economic softness in the region, notably in France." $More: http://lei.sr?a=c3W8h_A$

Are 3D animal-scan exhibits the next big thing?

With scanning technology becoming ever easier and more comprehensive, the potential for 3D-scanned interactive models of live animals in zoos and aquariums is wide open, according to Scandinavian research firm Swedish ICT.

The advance in technology means that living creatures can be deeply scanned without harming them and the company believes there are several exciting applications for zoos and aquariums to engage the public from a scientific standpoint.

Swedish ICT recently collaborated with Kolmården Zoo in Sweden on an exhibition - the first ever featuring scans of living animals - with three CT scans - a moose, a



Kolmården Zoo's 3D-scanned exhibition

penguin and a brown bear. The interactive exhibit used 3D gestures for interaction, where the user explores the animal through gestures with their arms and hands.

Continued on back cover

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Merlin launches first Madam Tussauds at Setosa Island Resort in Singapore

Visitors to Singapore can now rub shoulders with the likes of David Beckham, Brad Pitt and Lady Gaga in wax form as Merlin Entertainments' newest Madame Tussauds attraction has opened to the public at Sentosa Island Resort.

The attraction is Merlin's
18th waxwork museum
worldwide and features
a number of local figures
such as Prime Minister
Lee Hsien Loong, singer-songwriter Stefanie Sun
and actor Gurmit Singh,
who stand alongside global
celebrities and figures of
historical importance.

This is the first Tussauds attraction to include a



Retired basketball player Yao Ming is among the waxworks

water boat ride, which will take visitors on a journey celebrating the sights of Singapore – including Marina Bay Sands and the Formula 1 night race.

Madame Tussauds Singapore joins six other sites in Asia and will sit alongside Singapore LIVE – which is currently undergoing a full renovation before reopening on 3 December 2014. More: http://lei.sr?a=y4C9h_A

Louvre Abu Dhabi project construction hits milestone with completion of roof

Work on the upcoming Louvre Abu Dhabi has progressed, with construction of the mammoth US\$653m (€512.9m, £404.6m) structure's dome roof now complete.

Building work on the dome started in December 2013 and the elaborate canopy currently sits on 120 temporary support towers, which will be replaced with four permanent support pillars and the dome will be clad in aluminium.

The construction of all the 9,200sq m (99,000sq ft) museum's galleries has been completed structurally, along with the concrete work for the basement levels

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Louvre Abu Dhabi is scheduled to open in 2015

and the security screening facility through which vehicles will transport all the museum's artwork.

Dubai-based construction firm Arabtec Holdings has been tasked with the build, while French architect is Jean Nouvel designing the structure and Abu Dhabi's Tourism Development and Investment Company overseeing the project. More: http://lei.sr?a=W7E5z_A

Star Trek coming to £2bn Paramount theme park

New images for Paramount's upcoming £2bn (US\$3.2bn, €2.5bn) resort and theme park development have been unveiled as part of the second phase of consultation, showcasing a number of Paramount IPs set to feature.

In May, the development was classified as a project of national significance by the British government and has since been fast tracked to the second consultation phase. The new images reveal plans for Paramount-themed attractions including The Italian Job, Star Trek and Mission Impossible.

Developers London Resort Company Holdings (LRCH) also revealed that Paramount London will not solely feature films made by Paramount and will emphasise both British films and Hollywood blockbusters.

"One of the key things with Paramount was their willingness to allow British intellectual property into the site as well," said LRCH director, Fenlon Dunphy. "We are very adamant it will have an eclectic mix of stuff. We are very clear it has to have a British identity as well. We want to show how the



The Paramount theme park is now set to open in Q2 of 2020 under a revised schedule

plans are emerging. It won't be the end game but will show how the process is developing."

The Paramount London Entertainment Resort is now scheduled to open in 2020 and will feature a theme park, waterpark, sports facilities, an entertainment street, staff training academy and 5,000 hotel rooms. $More: http://lei.sr?a=3q6v8_A$

Lund Group reveals plans to transform Swedish zoo with US\$100m investment

One of Sweden's oldest zoos is to undergo new management and a multi-million pound renovation with Kongeparken theme park CEO and Lund Group owner Håkon Lund brought in to turn the stuttering park around.

Founded in 1953, Skånes Djurpark, near Hoor, specialises in Nordic fauna and houses about 900 animals, representing 100 species. The zoo currently gets around 200,000 visitors annually but is failing to make ends meet financially, having never been profitable without government subsidy.

The Lund group is set to invest SKR728.3m (US\$100m, €79m, £62.8m)



The zoo will highlight animals native to Scandinavia

over the next ten years to turn the zoo into a worldclass visitor attraction. It is also in negotiation with four animal-related IPs as part of the relaunch and rebranding. for Skånes Djurpark.

"The park is owned by the government," said Lund speaking to AM2. "They called us a year ago to come down and asked us to do what we could do to help." $More: http://lei.sr?a=z5R6q_A$



Plans will see the Disney house restored

Crowdfunding campaign to restore Disney's home

Plans to restore the childhood home of Walt Disney have been revealed with the start of a fundraising campaign running until 5 December.

The developers are seeking US\$40,000 (€31,700, £25,000) to fund the first phase of development, with more than US\$12,000 (€9,536, £7,512) already raised. The campaign offers incentives based on levels of support, meaning contributors can get anything from a digital art pack to a night's stay in the Disney house as a VIP. $More: http://lei.sr?a=M8g3V_A$

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VISITOR ATTRACTION EXPO

AN EVENT FOR THE UK ATTRACTIONS INDUSTRY BY THE UK ATTRACTIONS INDUSTRY

reparations for the inaugural
Visitor Attraction Expo (VAE) are
in full swing, with ExCel London
ready to host an entirely new
event for those involved in the
UK attractions market.

From 13 to 15 January 2015, VAE opens its doors to visitors representing leisure parks, zoos and piers, as well as an incredible variety of static attractions.

VAE is presented by BALPPA in association with EAG International. The free-admission show is open to the entire leisure industry.

WHAT IS VAE?

EAG International chairman Martin Burlin welcomed VAE, saying: "The Visitor Attraction Expo will give the leisure park, piers, zoos and static attractions sector an annual event which it can call its own, right here in the UK. We're experiencing increased crossover between the amusements and attractions sectors, so this move is reflecting what's happening in the market. There's strong interest from potential exhibitors and EAG's



13-15 January 2015 • ExCel London

5,000-plus visitors will help in delivering a robust start for this exciting new event."

VAE takes place alongside EAG International, an established gathering for the European amusements and coin-op industries. EAG International is already a firm favourite with many from the attractions industry, who come to view the latest innovations from the amusements sector. Visitors can access both shows with a single badge.

EAG International 2014 attracted 5,460 visitors, with 70 per cent from the UK. Overseas visitors travelled from 63

countries, including Italy, France, Belgium, Spain, Poland, Greece and Germany.

VAE is initially focusing on the UK market, with a European outreach. As with any new venture, the opportunity exists to get back to basics so that the event can naturally evolve to meet the precise needs of visitors, exhibitors and other stakeholders.

BALPPA chief executive Paul Kelly explains: "The Visitor Attraction Expo will exist to support our members, trade suppliers, operators of visitor attractions and the industry at large. Our role is to assist them in their business ventures and every aspect of the show has been developed with this in mind."

With its early January dates, VAE will provide the perfect opportunity for discussing the events of the previous year, reviewing the latest products on display, and planning purchasing and investment for the forthcoming season.

WHAT WILL I SEE?

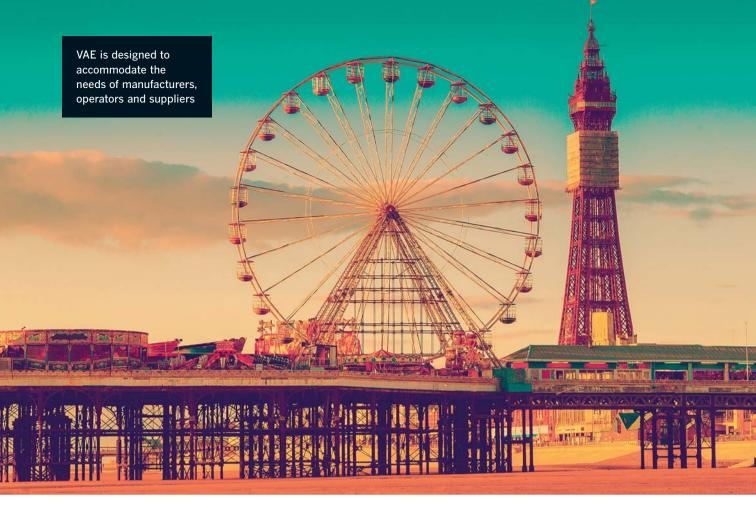
Visitors to VAE and EAG will be treated to an impressive line-up of products to thrill







From dodgem cars to cotton candy: products from more than 180 manufacturers will be on show





VAE WILL GIVE THE LEISURE PARK, PIERS, ZOOS AND STATIC ATTRACTIONS
SECTOR AN ANNUAL EVENT WHICH IT CAN CALL ITS OWN, RIGHT HERE IN THE UK



and entertain, plus the latest technology for optimising and securing revenue. Products from over 180 represented manufacturers include: 6D motion theatre, admission and crowd control systems, air hockey, amusement rides, AV systems, battery-powered cars, carpeting, cashhandling technology, change machines, cotton candy, cranes, dodgem cars, financial services, go-karts, inflatables, kiddie rides, laser games, licensed and generic plush, music programming, photo booths, pool, pushers, redemption and loyalty systems, shooting galleries, simulators, ticketing and couponing solutions, vending, video games and more.

Find the elusive "killer" product with the potential to transform your business.

WHAT CAN I LEARN AT VAE?

VAE will shortly announce an extensive program of seminars and master classes conducted by leading industry professionals. Organised by BALPPA, the sessions will focus on highly topical issues

WHO WILL I SEE?

From the start, VAE has been designed with networking in mind. Expect to see

operators, buyers, sellers, key influencers, educators, trade associations, lobbyists, regulators and special interest groups.

On the first evening, the networking focus is the First Night Party, with more than 1,000 exhibitors and visitors gathering to enjoy great food, drink and entertainment at ExCel's Fox Bar.

HOW DO I GET TO VAE?

London's ExCel is world class, having won many awards for the breadth and high standard of its facilities and ease of access by road, rail, air and even cable car. Visit the VAE website for useful links, maps and advice on getting to ExCel.

HOW DO I GET A GOOD HOTEL DEAL?

ExCel has 2,300 hotel rooms within walking distance, last-minute bookings inevitably come at a high premium so booking early is advisable.

The historical areas of Greenwich or Tower Hill are interesting alternatives for those who wish to stay off-site. Greenwich, with its rich nautical history, is a short river bus trip or cable car ride away, whilst travel from Tower Gateway to ExCel on the DLR takes around 17 minutes.

VAE has teamed up with exhibition accommodation specialists Event Express, who have negotiated the best possible rates for VAE attendees. Event Express can be contacted via the VAE website.

HOW DO I REGISTER FOR VAE?

Register for your free ticket to VAE on the VAE website. With early registration, badges will be mailed to you, and you'll be kept up to date with show, event and exhibitor news. Register now and give your business a great start to 2015!

VAE is organised by Swan Events Ltd. For further information contact Karen Cooke on +44 1582 767254 or at karencooke@swanevents.co.uk

www.visitorattractionsexpo.co.uk

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Work underway on KES2.3tn mega development

Lamu Island on the north coast of Kenya is about to undergo a drastic KES2.3tn (US\$25bn, €19.9bn, £15.6bn) transformation, complete with a "Las Vegas-style city" and an international airport.

The development – the largest infrastructure project in the history of East Africa – will include roads, railways, and oil pipelines from Lamu across northern Kenya to Ethiopia, South Sudan, and Uganda.

The KES86.9bn (US\$970m, €776m, £690.8m) Lamu resort city development will include core facilities and activities such as watersports, a country club, convention centre, cultural centre and other leisure facilities.

Nearby "eco-villages" are in the works, while a fisherman's wharf and casino are also planned.

To be established under a public private partnership at a cost of KES18.9bn (US\$210m, €168m, £132m), Isiolo will operate as the "culture core of Kenya", with nature safari lands, archaeological sites and eco-villages planned over 10.1sq m (26.3sq km). The KES3.7bn (US\$42m, €33.6m, £26.4m) Lake



The KES86.9bn Lamu resort city development is part of the larger KES2.3tn plans

Turkana city development – designed as a wellness city – will include various health offerings centred around hot springs with alkaline waters, said to aid skin problems. The plan has come up against opposition from UNESCO, as part of the scheme calls for destruction of coral reefs and mangrove forests.

More: http://lei.sr?a=J7b7u_A



Sonic will be featured in the museum

National videogame museum coming to UK

Plans have been announced to open the UK's first dedicated national museum dedicated to the art of videogames.

The National Videogame Arcade in Nottingham will become "a hub for videogame culture," according to developers Game City.

The £2.5m (US\$4m, \in 3.1m) project, due to open in March 2015, is being built in collaboration with Nottingham Trent University and the Science Museum, with the aim to create a centre for games similar to how the BFI works for movies. More: http://lei.sr?a=U8q8b_A

Disney reveals ¥500bn expansion plans for both of its Tokyo-based theme parks

Disney has revealed plans for a ¥500bn (US\$4.5bn, €3.6bn, £2.8bn) expansion of it's Tokyo resorts as part of a 10-year expansion plan.

Starting in March 2015, the project will boost capacity at both of the resort's theme parks, Tokyo Disneyland and Disney Sea. The expansion will almost double the size of the Fantasyland section and create a new theme port at Disney Sea. Developments will include special viewing areas for parades and shows, as well as enhanced restaurants and shops.

While new rides have not yet been revealed, reports suggest a Frozen attraction



The 10-year plan will see significant expansion of both parks

could be on its way, which reportedly will consist of the castle featured in the film and ways for visitors to experience scenes from the movie, though Disney did not confirm the plans.

Tokyo Disneyland was the second most popular theme park in the world in 2013, with 17.2 million visitors in, after Disney's Magic Kingdom in Florida. More: http://lei.sr?a=P8T5x_A



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Koran theme park proposed by Malaysian MP

A Malaysian MP has proposed that the country develop the world's first ever Koran theme park, in an effort to draw more religious tourism to the region.

Ahmad Marzuk Shaary of the PAS-Bachok party said building the religious theme park would be of greater benefit than a proposed RM30m (US\$9.1m, €7.2m, £5.7m) printing centre in Putrajaya.

Shaary proposed to parliament during the 2015 Budget speech that the allocation of funding be changed for use in constructing a Koran theme park, stating: "It is now time that the entire world comes to Malaysia to learn the Koran in the form of a theme park."

The minister also suggested that the proposed Koran theme park be divided into 114 parts to symbolise the 114 sura (chapters) in the text and said he was confident the government would be willing to offer land for the proposed project.

When asked about cost for the development, Shaary said: "Cost is not a matter. What is important is the green light by the govern-



It is not certain what would be included in the proposed Koran theme park

ment. If we get that then there will surely be additional allocation from the government."

The plans are not in fact the first suggested for a Koran theme park, with plans announced last year for a a US\$7.3m (£4.7m, €5.5m) park in Dubai, though there has been no word on the project since mid 2013. $More: http://lei.sr?a=E6E7K_A$



The structure is designed to be 'natural'

Finland's Gösta Serlachius extension now complete

The new wing of the Contemporary Art Museum Gösta Serlachius in Finland, designed by Spanish architectural firm MX_SI, has been opened after three years of planning and development.

MX_SI won a competition back in 2011 to design and build the €19m (\$24m, £15m) extension for the visitor attraction in Mänttä, which is now a fully functioning part of the museum, playing host to the new entrance, foyer, restaurant, conservation facilities and a shop, as well as a new island bridge. $More: http://lei.sr?a=v3B6s_A$

Thailand tiger attraction reopens to public despite recent tourist mauling

Phuket's Tiger Kingdom - a popular tourist attraction which allows visitors to directly interact with tigers - has reopened to the public despite a recent tiger attack on a visitor inside one of its enclosures.

The tiger unexpectedly attacked an Australian man. who sustained injuries to his stomach and legs after the mauling. The man was left needing surgery as a result of the attack sustained while posing for a photograph with a large male tiger.

Major concerns have previously been raised about the welfare of the animals in Tiger Kingdom by animal rights groups and,

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A visitor (not pictured) was mauled after posing for a photo

despite the life-threatening attack, all facilities are fully open with no new procedures in place to prevent a repeat incident.

Local media reports that the attack was a result of the cat's overprotective nature towards its handlers, with suggestions the animal was trying to defend a member of staff who the tourist reached out to when trying to stand up. $More: http://lei.sr?a=M3r4T_A$

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The Olympic Museum, Lausanne, Switzerland

A series of presentations will take place over two days from invited guest speakers including the Olympic Museum's Francis Gabet. The even will cover the European and Middle East division of the TEA, Attendance is €12 (US\$15, £9) for members, while non-members can attend for a fee of €52 (US\$65, £41)

Register: http://lei.sr?a=R8u2t Tel: +18188438497

13-15 JANUARY 2015

Visitor Attraction Expo

ExCel London Exhibition Centre

The Visitor Attraction Expo will take place alongside EAG International, with a single visitor badge providing access to both events. Come face-to-face with target buyers and showcase and promote your brand, services and products at this unique expo. Follow up sales and make solid business relations at the VAE's various networking events.

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16-20 MARCH 2015

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Vancouver, Canada

A fast-paced, highly curated five-day stage programme featuring TED's popular 18-minute talks, plus music, comedy, tech demos, short talks, video interludes and other surprises. Optional pre-conference activities include carefully curated TED-only tours, while immersive evening events at Vancouver's most intriguing spots, art exhibits, and other experiences will all be on offer at the five-day conference.

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10



17-21 NOVEMBER 2014

IAAPA Attractions Expo 2014

Orange County Convention Center Orlando, Florida, US

With more than 27,000 people in the attractions industry on-hand for the event, IAAPA 2014 is the premier

conference and trade show for the global attractions industry. The event features new products from 1,000 exhibiting companies and includes a variety of educational sessions. Tel: +17038364800

Email: iaapa@iaapa.org

14-16 APRIL 2015

Dubai Entertainment Amusement and Leisure Show (DEAL)

World Trade Centre, Dubai, **United Arab Emirates**

The Dubai Entertainment Amusement and Leisure Show (DEAL) is the Middle East's annual focal point for all stakeholders in the amusement and related industries looking for a successful entry or greater growth in the region's markets. Now in its 21st edition, DEAL is the only platform in the Middle East for exhibitors in these industries to connect with buyers, for buyers to see and test the latest products and services, and for professionals to share best practice and make new industry contacts. With last year's show generating a record

number of exhibitors and visitors, and most of them pledging to return, DEAL 2015 is expected to witness an even larger gathering of key players and visitors in the amusement industry from the Middle East, African, Mediterranean, and Asian countries.

Tel: +971 4 3435777 Email: lilia@iec.ae www.dealmiddleeastshow.com

Twitter: @AM2jobs

26-29 APRIL 2015

2015 Annual Meeting & MuseumExpo

Atlanta, US

The annual meeting and expo held over three days looks at how museums can gain an innovation edge, and how they can to engage, support and sustain innovation in communities. Visitors to the event can learn how museums serve as engines of innovation, with examples of recent innovations in education. The latest innovative models in conservation, exhibitions, audience engagement, development and more will be showcased at the event. Tel: +1 202 289 1818

www.aam-us.org

29-30 APRIL 2015

The Museums + Heritage Show

Kensington Olympia, London, UK

The free-to-attend event offers two days of free talks, features, cultural attraction experts and sector suppliers. 2015's show offers first rate advice, ideas and tools that you can walk away with and put into practice in your own organisations. museumsandheritage.com/show/visiting



BALPPA announces the first ever...



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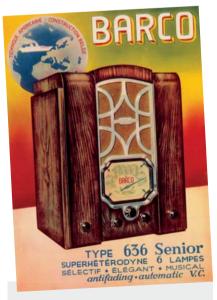
SEEING IS BELIEVING WITH BARCO VISUALISATION

Barco offers state-of-the-art visualisation technology and a holistic solution uniquely tailored to suit any attraction

ichard Marples, strategic marketing director at Barco, believes impressive digitised experiences can transform a visitor attraction. "Attractive visualisation engages customers via technology, creating memories that will make them come back again," he says. Aside from the cutting-edge visuals that the company builds with its range of projection technology, video walls and LED displays, Barco provides digital signage and works extensively behind the scenes. Networked visualisation technology is also part of the company's education and collaboration portfolio and central to its security and monitoring portfolio. We talked to Marples about Barco's growth.

Can you give us an overview of Barco?

Barco is a visualisation technology company at its heart, and over a number of years we've developed products in various markets. The company is split into



Belgian company Barco started out by making traditional wooden-cased radios for the consumer market





Richard Marples (left); Barco's 60,000 lumens, cinema-optimised, commercial laser projector, the DP4K-60L

three main businesses: Entertainment and Corporate, Industrial and Government and Healthcare. We focus on projectors and displays, but we also offer lighting, digital signage, networking, image processing these are all adjacent technology sectors which fit into those markets.

When was the company founded?

Barco was founded in 1934. The name BARCO stands for the Belgian American Radio Corporation. An entrepreneurial Belgian named Lucien de Puydt did a deal with an American component supplier to bring radio components into Belgium and he began making traditional wooden cabinet valve radios. It was very much a consumer product company.

Once you're making radios with valves, it isn't a big leap to make televisions and record players. As the technology developed and more people started making radios and televisions, Barco found a niche in the broadcast industry.

From those valves and the radios came the CRT with the television, and then CRT projectors. During the 70s, the projectors had the red, green and blue guns and 500 to 700 lumen projectors. You had to have a completely dark room and they were difficult to set up and maintain - certainly not like the projectors we make today.

Then there was a gradual move by Barco to become exclusively involved in professional markets - both niche and mainstream businesses - which are usually centred around some sort of visualisation application with its associated add-ons.

Who are your key customers?

Barco's largest division today is Entertainment and Corporate. The biggest market within E&C is digital cinema. There are only four suppliers worldwide who deliver a Hollywood-compliant projector and as one of those we've amassed just over 40 per cent of the worldwide market of about 130,000 screens. The digital cinema market continues to be one of our core activities. We've also developed an offering for media servers, audio systems and control systems. A cinema owner can now run the whole cinema from the lobby, and that's revolutionised cinema.

What solutions do you offer attractions?

It's the same visualisation solution for a number of different applications.

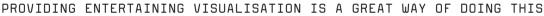
With our attractions customers there's always an entertainment or experience part, whether that's a 4D ride or dark ride or the end of day show at a theme park.

Another market is security and monitoring, a key element of all visitor attractions. We have complete security monitoring technology and display walls, allowing the security team to monitor





IF YOUR VISITOR IS IMMERSED AND ENGAGED, YOU'VE CREATED AN EXPERIENCE.





and get feedback on what's happening in the park. All the data an attraction owner needs can be displayed on a single screen.

We have a range which is **signage** and promotion, great for F&B outlets or souvenir shops. Our displays can give realtime information about queue times, promotions and so forth.

Lastly, there's a meeting and collaboration element, so where there's an educational focus, then we can get involved. Those are the four main elements. The solutions you need depend on the size and the number of visitors.

You bought projectiondesign in 2012?

We bought the Norwegian projection technology manufacturer in December 2012, giving us a complimentary set of products to target a broader market.

Where in the world is Barco working?

Everywhere. We have about 4,000 employees in 90 offices and factories around the world. We produce projectors in Belgium, China and Norway now because of projectiondesign. We have a lighting factory in Austin, Texas, and factories in California, India and Taiwan.

What are your immediate plans?

We're always developing our product range to be relevant to our markets. There are certain technologies that are coming through into all our markets, such as laser light sources for projectors or more powerful computers and graphics cards.

What are the advantages of laser projectors?

Using laser, we can generate very pure colours. We can make them brighter because we're not primarily producing heat, like with a lamp, but light. They're very long-lasting and a laser will last 30,000 to 40,000 hours in the future. It's more attractive in terms of running costs. The downside is lasers are expensive at the moment which is why we don't see them universally yet. We're developing the products and as the technology is used more the costs will come down, as happens with all new technology.

Has Barco overcome any challenges?

The success of Barco as it is now comes from when Eric van Zele joined as our CEO. He came in at a crucial time, in the middle of the financial crisis. He says openly that Barco had lost its way a little at that time. He quickly recognised we needed to change a number of key things and, at a time when there was no investment at all, he invested heavily in the cinema business. That turned out to be crucial. His foresight and vision turned the company around. Heading up the E&C division, Wim Buyens was looking after digital cinema and his strategy to develop cinema and parts of the entertainment business such as visitor attractions has got us to where we are today.

What's the best thing about working for Barco?

We get involved in so many fascinating projects and see so many different ways of using our equipment. We never cease to be amazed by the creativity of our customers and the way they use our products to create brilliant projects. All attractions are competing for visitors, and they want repeat visitors and visitors who tell their friends about what a fantastic day they had. Providing entertaining visualisation is a great way of doing this. If your visitor is immersed and engaged, you've created an experience.

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Dubai planning record-breaking Twin Towers

Emaar Properties and Dubai Holdings have announced plans to build "the tallest twin towers in the world" as part of a 2.3sq m (6sq km) mega development in the Dubai Creek Harbour district, UAE.

The development will encompass the two towers – which will have to stand higher than 88 storeys to beat Kuala Lumpur's current record – and six other luxury residential towers, each 40 storeys tall.

As well as residential structures, the entire site has been masterplanned to include an integrated transport system, green open parks and a sustainable ecosystem allowing residents to experience a 'new aspirational lifestyle'.

Dubai Creek Harbour at the Lagoons will also offer facilities including a retail precinct, bespoke luxury hospitality offerings, a yacht club, cultural amenities, educational facilities and other to be confirmed leisure choices.

"Dubai Creek Harbour by The Lagoons is a historic development that aligns with



The giant twin towers will potentially transform the entire Dubai skyline

the future goals of our city," said Ahmad Bin Byat, chief executive officer of Dubai Holding. The entire site is modelled around the current waterfront and all of the new components will be based around open green spaces, boulevards and various central parks whilst maintaining the More: http://lei.sr?a=A7P5G_A



Kids can role play more than 60 jobs

KidZania to launch two more sites across the UK

KidZania – the educational attraction for kids that allows them to experience simulations of real-life jobs – is planning an additional two sites in the UK to the £40m (US\$64.5m, €50.8m) one already planned this year for London.

"In its first year we will have 750,000 visitors, growing to one million a year over a five-year period," said investor Joel Cadbury speaking to *The Telegraph*. "The second one will be in east London. For the third opportunity in the UK, we will look between Birmingham and Manchester." *More: http://lei.sr?a=v4R6a_A*

Indian government to set up officially recognised Centre for Zoo Sciences

The Indian government has announced plans to set up a Centre for Zoo Sciences to aid recognised Indian zoos and zoos in the wider South Asia region in welfare development, training and scientific research.

Speaking at the annual conference for the Association of Zoos and Aquariums (AZA), Indian environment minister Prakash Javadekar said the centre would include facilities for teaching, research, experiments, advanced training and the sharing of ideas.

The proposed centre would act as a technical advisor to India's existing Central Zoo Authority



The centre will provide expert advice, training and support

(CZA) and provide expert advice, training and support in conservation and breeding of endangered species. The centre would also act as a hub for zoos, overseeing wild animal housing, zoo design, master planning, disease diagnosis, visitor facilitations, marketing and other related issues for all the zoos across the South Asia region.

More: http://lei.sr?a=q7x9T_A

Discover an edutainment facility for kids

The Cité des sciences et de l'industrie has developed a unique concept in the field of edutainment venues, The Cité des Enfants, recognised in France and internationally for a varied customer base: theme parks, science centres, children's museums, urban development programmes or shopping centres.

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AM2 INNOVATION



Showtime as SimEx-Iwerks opens new locations

SimEx-Iwerks is to debut ten new blockbuster 4D titles at the International Association of Amusement Parks and Attractions (IAAPA) show.

The company has also announced two new upcoming partnership sites - the Phoenix Zoo, opening in November 2014, and Denver Aquarium, which is opening in December 2014.

In a third piece of news, SimEx-Iwerks has partnered with Nickelodeon to launch a new laser maze attraction at the Nickelodeon Suites Resort in Orlando, Florida. Based on the popular cartoon, 'Teenage Mutant Ninja Turtles Laser Lockdown' will open on 18 November. It is located next to the hotel's 4-D theatre and a bundled ticket will be offered.



Ride photos can be instantly shared with Picsolve app

Picsolve's new consumerfacing app allows guests to have immediate access to their high-resolution ride and experience images on their mobile devices.

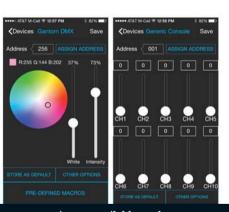
The Picsolve app has been developed in response to research the company conducted showing that the number of leisure industry guests who use mobile devices to access their attraction photographs doubled in 2014. The company said 50 per cent of all guests now use this method compared to 25 per cent in 2013.

Also serving as an image sharing platform, the app is available via iOS & Android devices in 14 languages, including Arabic. It will be showcased at IAAPA 2014.



Category: Utilities Updated: Oct 23, 2014 Language: English





The DMX Programmer app is now available on the app store

Two products revealed as Darklight becomes Gantom

California, US-based Darklight Precision Lighting System has changed its name to Gantom Lighting & Controls.

Gantom is a portmanteau of "Gan", the last name of co-founder Quan Gan, and "phantom", a nod to the company's origins in the Halloween attraction business.

The company is also introducing two new products to its premium Gantom line. 'Gantom One' is an LED-based reinterpretation of the standard pinspot fixture used in event lighting. It has been designed to be smaller, lighter and more energy efficient.

The 'DMX Programmer' app replaces a tool which configured addresses and presets for Gantom's lighting fixtures with a more user-friendly interface.



The entrance to the Time and Tide museum in Great Yarmouth

Norfolk museums turn to Svx Automations software

Syx Automations has successfully installed software at three museums in Norfolk, UK. The museums - Time and Tide, Elizabethan House and The Tolhouse - are all located in Great Yarmouth.

All three are centrally connected and will use various modules of Svx's 'ReCreateX' software system, including membership, stock control,

POS and event and school bookings. Syx said that a centralised database would enable users to have real-time access to reports and any event information.

The Time and Tide museum tells the story of Great Yarmouth and its herring industry, while The Tolhouse is one of the oldest prisons in the country.



Imply's new games let visitors meet The Flintstones

Two coin-op games based on The Flintstones television series are among those being introduced by Imply.

Teaming up with the licensing division of Warner Bros, the company has created whack-a-mole style game 'Bamm Bamm Strike' and 'Yabba Dabba Doo! Bowling'.

Continuing the bowling theme, Imply is also launching

'MiniBowling', which offers a reimagined take on the game focused on family entertainment. The experience starts at lengths of 37ft and comes in six different themes.

All three games will be showcased at the International Association of Amusement Parks and Attractions event being held in Orlando, Florida, between November 18-21.



Nightmares await for visitors of Sally-built attraction

Sally Corporation has created a walk-through haunted attraction for Sweden's Gröna Lund. It will feature animatronic characters and props, CGI video effects, live wire illumination, video projection, Pepper's Ghost illusions, ultraviolet illumination, and live performers.

The attraction, 'House of Nightmares', will open in 2015.

Set in an old Victorian mansion, it focuses on the evil fictional character of American scientist and former TV show host Dr. Morphio who conducts unsettling experiments on humans.

House of Nightmares has been specially designed for Gröna Lund as a "complete redevelopment" of a classic walk-through haunted house.



International growth projected for Danny Rose

Paris-based art and design company Danny Rose says it has expanded its portfolio and international presence.

Danny Rose is known for projection mapping, with the team creating, directing, producing and animating artistic content. The company's growth has been stimulated by recent projects such as the 'Play Me!' interac-

tive projection mapping installation onto Customs House at Vivid Sydney 2014.

Joint founder Sergio
Carrubba, creative director
and projection designer,
said the company has been
pioneering the concept of a
virtual three-dimensional
dynamic set design for the
stage, opera and theatre as well
as events and artistic works.



Tourist attractions can benefit from the Buggy Lock solution

Cardea innovation helps prevent buggy theft at parks

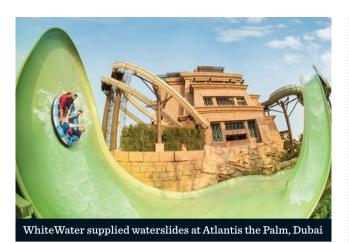
'Buggy Lock' is a new security system launched by safety and security specialists
Cardea Solutions, offering family-friendly facilities a low-cost, easy-fit solution to prevent the growing problem of buggy theft.

Introduced to the UK market in summer 2014, the product was unveiled by the security firm as the latest police statistics indicated a rise of almost 25 per cent since 2010 in pram theft.

The wall-mounted product, which is ideal for use at tourist attractions, incorporates Ojmar locking technology as part of a robust coin operated mechanism, giving parents and carers peace of mind that their buggy is completely secure.

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WhiteWater takes its place at the Leading Edge

The World Waterpark Association (WWA) has handed Canada's WhiteWater two WWA 2014 Leading Edge Awards.

WhiteWater won the awards for its role as designer and supplier of waterslides to the Aquaventure Waterpark at Atlantis the Palm, Dubai and Wet'n'Wild Sydney in Australia. The awards are presented to the park and

supplier members who, through their combined efforts, bring a project, product, service or programme to fruition, creating "industry innovation and leadership".

White Water was the sole supplier for the Aquaventure Waterpark, with the latest expansion including the world's largest diameter waterslide, 'Anaconda'.



An outdoor phone charging solution for theme parks

Running out of smartphone battery at an amusement park could be a thing of the past with a new solar power charging station solution.

CarrierClass Green
Infrastructure (CCGI) will be
displaying its new 'ConnecTable' solar power charging and
backup power system at the
International Association of
Amusement Parks and Attrac-

tions (IAAPA) trade show. The ConnecTable provides solar power for mobile device charging. Each table is a self-sustaining, off-the-grid solar power unit that features two commercial quality, 265-watt solar panels that also serve as a shade canopy. The solar panel charges a battery that supports four 120-volt outlets and eight USB outlets.



Switching to renewables made easy with Fair Energy

Tourist attractions looking to switch to renewables could make use of biomass energy plants, according to UK-based Exeter company, Fair Energy.

The company is offering a 'plug and play' biomass heating system that qualifies for the UK government's Renewable Heat Incentive, a scheme which pays participants that generate and use renewable

energy to heat their buildings. Fair Energy says its solution is easy to install, and offers minimal on-site disruption for park visitors while achieving maximum energy efficiency.

It provides an alternative to constructing an on-site plant room. The energy plant is delivered pre-fitted with a plant room, fuel store and boiler supplied by Fröling.



Technological marvel powers Angry Birds projection

Thorpe Park's Angry Birds 4D effects theatre is using 7thSense Design's 'Delta' media server with passive stereo 3D output to power its projection system.

The company also supplied an audio server with 8-channel output to support a fully immersive and integrated experience.

The 326-seat theatre was

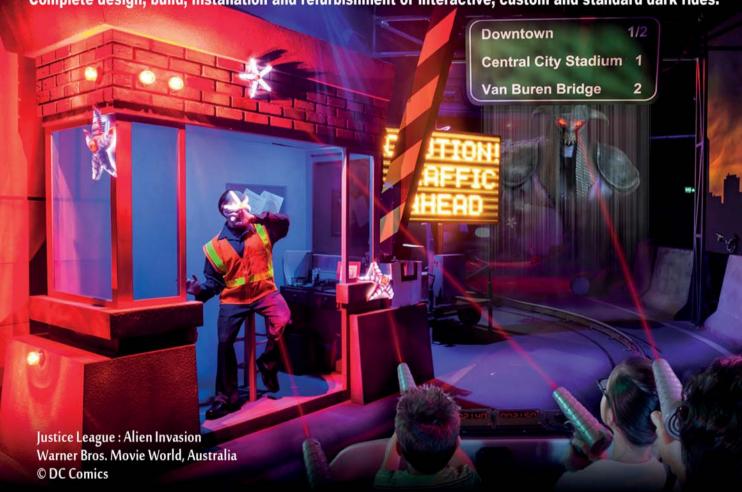
developed and supplied by Simworx and opened to the public this summer as part of a new Angry Birds Land at the theme park.

Terry Monkton, managing director at Simworx, said 7thSense's scalable hardware platform had made possible "incredibly high resolution canvasses to play with in our new system designs".

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Edo period theme park coming to Osaka Castle

Osaka Castle in Japan will soon be home to a historical theme park after the Osaka city government confirmed plans for an Edo period attraction situated within the grounds of the 16th century building.

Attractions in the theme park will include a photo studio where visitors will dress in traditional samurai outfits and a series of restaurants designed to feel as though guests are dining in Osaka during the Edo period. The guesthouse inside the castle grounds will be converted into a party venue, while actors will pretend to be from the time period around the grounds.

The theme park, scheduled to open within the next year, will be managed by a consortium made up of Dentsu and Daiwa House Industry, which will take charge of park management on a 20-year contract starting 1 April 2015. As part of the management contract, the Osaka city government will receive seven per cent of profits made through the attraction, in addition to an annual fee of \$226m (US\$2.1m, £1.7m, £1.3m).



The park will be located within the historic 16th century Osaka Castle's grounds

The Edo period took place between 1603 and 1868, and during that period Japanese society was under the rule of the Tokugawa shogunate and the country's 300 Daimyo

(regional leaders). The time period is characterised by strict social order, isolationist foreign policies and arts and culture.

More: http://lei.sr?a=Z3K9h_A



War relics are popular among divers

Heritage shipwrecks are potential 'eco time bomb'

Mark Spalding, president of The Ocean Foundation, has said that underwater cultural heritage such as shipwrecks are a potential environmental "time bomb", due to the vast oil deposits many of them hold.

Writing in National Geographic, Spalding said that shipwrecks from World War II account for 75 per cent of oil leakages on the seabed while the 140 million barrels of oil sitting on the ocean floor inside shipwrecks could potentially create a "catastrophic" spill. More: http://lei.sr?a=z3B5G_A

US and Cuba looking to form aquarium partnership in rare show of unity

The US and Cuba look set to be forming a rare alliance, with representatives of Tampa Bay's Florida Aquarium travelling across to Havana to look into forming a partnership with Cuba's National Aquarium.

If an agreement is reached, it would be the first time such a deal was struck between a US and Cuban aquarium since the former imposed a travel and trade ban in 1960 – one year after Fidel Castro came to power.

Under the preliminary talks, the Florida Aquarium would be allowed access to the Gardens of the Queen – a reef in the southern waters of Cuba off the



Cuba's Gardens of the Queen Reef hosts an array of marine life $\,$

provinces of Camagüey and Ciego de Ávila – and in return, the Florida Aquarium would keep the National Aquarium of Cuba up-to-date in its research on restoring coral reefs. Currently, the Cuban embargo restricts US citizens from doing business in or with Cuba, until certain claims against the Cuban government are met.

More: http://lei.sr?a=Y4j7g_A



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Katie Smith, Visitor Services Manager, Heritage Services, the Roman Baths





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The i360 will have a slender, elegant design, with a futuristic pod allowing 200 visitors at a time to ride up sky high to enjoy breath taking 360 degree views of Brighton and the entire south coast.



The visitor centre will incorporate a 400 seat restaurant, a shop, an exhibition space and conference and event facilities.

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Advance in scanning technology opens the door for 3D visuals of live animals

Continued from front cover While scanning on live animals has been done for medical purposes, nothing has previously been released for public appreciation and with the move of CT scanning technology from analogue to digital, capabilities for safely scanning live subjects in more detail is at a much more advanced level, according to David Hughes, manager of solution development at Swedish ICT.

"The technology is moving on quite rapidly, certainly in regards to reducing radiation dosages that allow you to get better images," said Hughes speaking exclusively to AM2.



A live bear was scanned for Kolmården Zoo's recent exhibition

If you reduce the signal to noise ratio, you can use lower dosages because you don't have to turn the signal up.

"It's a bit like having a radio with static in the background where you have to turn the radio up to overcome the static. It's the same sort of principle that if you've got a clean signal you can play it quieter. Using digital means you can have a nice clear signal using less radiation emissions."

More:http://lei.sr?a=d9S9n_A

Stadium development, theme parks and museum all in the works for Real Madrid

Real Madrid is pressing ahead with plans for a full redevelopment of the iconic Santiago Bernabeu, complete with a skin of LEDs around the stadium, a museum and two planned theme park developments.

A theme park was first touted in May when club president Florentino Perez confirmed confidential meetings to scope out plans.

Real also previously had plans for a US\$1bn (£632m, €756m) theme park complex to be built in the UAE, but those fell through earlier in the year when Madrid accused the project's organisers of defaulting on payments.



Real Madrid's new stadium will be wrapped in LEDs

While those plans have seemingly been put to one side, Perez did confirm the club is still looking at projects in the UAE, with plans for another theme park to be built in Abu Dhabi.

Expected to take six years, Real Madrid's home stadium will be part of a US\$500m (€400m, £314m) redevelopment to include retail, restaurants, a hotel and a museum.

More: http://lei.sr?a=M8W3P_A

ADDRESS BOOK

American Association of Museums (AAM)

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Association of American Zoos & Aquariums

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Association of Art Museum Directors

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Association of Scottish Visitor Attractions (ASVA)

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Australian Amusement Leisure & Recreation Association (AALARA)

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European Association of Amusement Suppliers Industry (EAASI)

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European Association of Zoos and Aquaria (EAZA)

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European Network of Science Centres and Museums (Ecsite)

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Giant Screen Cinema Association (GSCA)
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Historic Houses Association (HHA)
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Indian Association of Amusement Parks &

Industries (IAAPI)
T: +91 22 6523 1643 W: www.iaapi.org

International Association of Amusement Parks & Attractions (IAAPA)

T: +1 703 836 4800 W: www.iaapa.org

International Planetarium Society

T: +1 808 969 9735 W: www.ips-planetarium.org

Irish Science Centres Awareness Network (ISCAN)

T: +353 (0)51 302 865 W: www.iscan.ie

Museums Australia

T: +61 2 6230 0346 W: www.museumsaustralia.org.au

National Farm Attractions Network (NFAN)

T: +44 (0)1536 513 397 W: www.farmattractions.net

NAVET

T: +46 (0)33 41 00 09 W: www.navet.com

Outdoor Amusement Business Association (OABA)

T: +1 407 681 9444 W: www.oaba.org

The Aquarium & Zoo Facilities Association (AZFA)

Email: rlf@tnaqua.org W: www.azfa.org

The Canadian Museums Association

T: +1 613 567 0099 W: www.museums.ca

The Canadian Association of Science Centres (CASC)

T: +613 566 4247 W: www.canadiansciencecentres.ca

Themed Entertainment Association (TEA)

T: +1 818 843 8497 W: www.teaconnect.org

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