**Eye catching museum**

An enormous steel construction, bent in the form of an ellipse both lengthways and across, is emerging on the roof of Museum de Fundatie, a former court building in Zwolle (northern Netherlands).

850 wooden purlins are being mounted, each slightly bent in order to give the right rounded shape. The eye – so called because of the 65 m² glass on the front – will be supported by eight steel columns that will carry the weight through the building, which dates from 1840, to new steel foundation piles under the ground floor. BAM Utiliteitsbouw is creating an additional 900 m² of floor space across two storeys, and BAM Techniek is responsible for the mechanical engineering installations. This eye catching project will be completed in May.

www.museumdefundatie.nl

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**BREEAM Excellent building sold**

BAM Properties has sold its commercial property development at Chiswick Green, a prime location in West London, to the M&G Property Portfolio for £47.7 million. BAM Properties recommenced the development of the six-storey Grade, a BREEAM Excellent building in the spring of 2010 and was the first developer to resume speculative development in the West London market following the economic decline in 2008. Shortly after completion BAM let 82 per cent of the highly sustainable building to Viasat, the Swedish communications giant.

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**Fire-fighting foam**

The initial tests of the fire-fighting system in the Beveren Tunnel in Antwerp indicate that the construction of the Liefkenshoek railway link is almost complete. The tunnel filled with foam in a matter of minutes. The 1,600-metre Beveren Tunnel, under a harbour basin, and two newly drilled tunnels (6,200 metres) below the River Scheldt form part of the new link. In partnership with AquaSecurity, BAM Techniek is installing the fire fighting system in the tunnels on behalf of Locobouw, in which BAM has a fifty per cent participation.

‘The extinguishing system is unrivalled in the world. No tunnel has ever been fitted with a complete foam system before’, explains fire protection director Michael Steffens. The tunnel will open in July.

The foam is fed into the tunnel through the ‘generators’.

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Michael Steffens in the pumping room.
The lantern under construction.

In the new passageways under Amsterdam Central Station, BAM Civiel dismantled the brick footings supporting the steel rafters of the monumental roof. The weight of the roof was temporarily borne by auxiliary steel constructions. After the old rafters had been lifted several millimetres and notched, it was time to use the demolition hammer. The footings will be replaced by slender columns, allowing users to pass through the tunnels more easily.

Supporting the roof

BAM puts on the gas

Above the extensive Tata Steel site in Velsen, near Amsterdam, BAM Leidingen & Industrie is erecting a gas pipeline, which will be easier to inspect and maintain than an underground one. BAM Techniek is also involved with the project, as is BAM Nels De Ruiter.

Tata Steel uses coke gas for heating steel plates, which are rolled to the desired thickness. The gas is released in a plant more than two kilometres further north on the site, during the production of coke, the fuel for the blast furnaces. 'The current underground gas pipeline is around thirty years old, in need of replacement and does not have enough capacity,' says Henk Zuidema, BAM Leidenig & Industrie project manager.

Get boring!

The boring of the tunnel under the Ghent-Terneuzen Canal in Sluiskil (southern Netherlands) is now underway. The patrons of the boring team, Anika Luteijn (right) and Jerina Pladdet, both christened the starting point of the boring machine, named Boorbar, for their respective tunnel. Closing the ceremony, the priest blessed two statuettes of Saint Barbara. Each of the patrons placed a statuette in a niche at the entrance to the tunnels. When the boring team start work, they always pass their guardian angel on their way to the boring machine. The tunnel is being built by a BAM-TBI joint venture, in which BAM Civiel, Wayss & Freytag Ingenieurbau, Croon and Mobilis are working together. Boring the first tunnel will take around 110 days. www.sluiskiltunnel.nl

Chairman of the Executive Board Nico de Vries: 'To enter these three growth markets successfully, it is first necessary for our internal processes to be well organised. Technically, organisationally, financially and by better collaboration within the Group; we need to be “best in class”.'

In a joint venture with Cegelec, ITB and Jan de Nul, Interbuild is working in the heart of Europe. A new headquarters of the Council of the European Union is being created in the Résidence Palace, in the middle of the European district of Brussels. The work comprises restoration and renovation of the monumental art deco style L-shaped section that dates from between 1922 and 1927, and the building of a new oval ‘lantern’, a five thousand ton steel construction, enclosed in a building with two gigantic glass walls. They consist of a patchwork of old timber frames, which are being renovated and fitted with new windows from every European Union member state. www.european-council.europa.eu
**Swim and sports paradise**

From mid-2015 residents of Huddersfield, central England, will be able to enjoy a new swimming and sports paradise as BAM Construct UK will soon start construction of the new Huddersfield Sports Centre. Its features will include a 25-metre swimming pool, a teaching pool, two sports halls, climbing, squash and martial arts facilities, a large fitness suite; and a café and children’s area. The new centre will also include a family leisure water facility including a beach, flume, sidewinder and several more water features. The complex is situated above an existing underground carpark.

**Borders Railway**

Network Rail, on behalf of the Scottish Government, has appointed BAM Nuttall as main contractor for the delivery of the new Borders Railway. The £220 million contract includes detailed design and construction works for the new line, which will enter service in 2015 and will re-establish a passenger rail link for the first time in over forty years from Edinburgh through Midlothian to Tweedbank and in less than an hour at peak times. The line will include thirty miles of new railway with three existing stations and seven new ones – at Shawfair, Eskbank, Newton Grange, Gorebridge, Stow, Galashiels and Tweedbank. The project is carried out by BAM Nuttall in close co-operation with BAM Rail and BAM Contractors.

**East Midlands Airport**

At the end of November, BAM Construct UK started a £12 million redevelopment of East Midlands Airport in Derby, central England. BAM will build a new security hall and queuing space for the airport terminal, which will increase the size of the terminal by 1,375 m², and remodel the retail area in the departure lounge. The major works, which will be carried out while the airport continues operating as normal, will result in a larger terminal to enhance the experience of the 4.3 million passengers that use the airport every year. The enhanced terminal will be ready by December 2013.

**Full steam ahead**

Rt Hon Simon Burns MP, Minister of State for Transport recently visited York to see construction of a new rail operating centre and workforce development centre, which BAM Construction is building, on a triangle of land near York Railway Station. He then officially opened a turntable which has been relocated from London to York to replace the old turning triangle on the site, so that steam locos can still turn round while on excursions. The engine used in the Harry Potter movies, Hogwarts Castle, turned up to try out the turntable. The turntable was installed by BAM Nuttall.

**United Kingdom**

**Royal National Lifeboat Institution (RNLI)**

A BAM consortium has completed the construction of a new afloat berth adjacent to a Grade II listed boathouse for the RNLI at Baltimore in Southern Ireland. The BAM Contractors/BAM Nuttall consortium upgraded the 97 year old boathouse and existing slipway. The upgraded facility now accommodates the new all weather, €3 million, Tamar Class Lifeboat. The Baltimore project is an extension to the RNLI framework where BAM Nuttall has been a leading partner since 2003. The civil engineering scheme was overseen by Lloyd Wickens, who has now moved onto managing his eighth RNLI station in as many years, in Wales.

**City Gate Park opens**

City Gate Park, constructed by BAM Contractors, consists of three office buildings on a green field site adjacent to Mahon Point Shopping Centre, Cork. The buildings are four and five storey high structural steel and in-situ concrete frames over a pre-cast double basement structure and will in total deliver 25,000 m² of usable office and retail space and 600 basement car spaces. The works include the installation of associated services and finishes to all common areas and full completion of all external works. There is a strong green emphasis in the design of the development and is the first commercial office development in Ireland to achieve the coveted US Green Building Council LEED Gold Certificate standard.
Germany

IT Rathaus Munich

Stadtwerke München GmbH has awarded BAM Deutschland the contract to build a computer center in the city district of Moosach. The contract value is over €63 million. This IT Rathaus Munich includes a service department of approximately 30,000 m² and a data center of over 7,000 m². It will be the workplace for more than 650 employees. The IT center is designed by h4a Gesert + Rand Ecker Architects BDA from Stuttgart. BAM Deutschland will complete the IT Rathaus during 2014.

Solar energy in Berlin

68 PV panels have been fitted onto the chain complex of BAM Deutschland in Berlin. Thanks to the use of solar energy, CO₂ emissions at the site of the new Ministry of Education and Research will be reduced by about five thousand kils a month.

Irish PPP school contract

BAM PPP PGGM Infrastructure Cooperatie, BAM’s investment joint venture with Dutch pension fund administrator PGGM, together with Irish BAM Contractors, has signed a schools public private partnership (PPP) contract with the National Development Finance Agency, on behalf of the Department of Education and Skills, for the design, build, finance and maintenance of the Schools Bundle 3 contract. The project consists of eight schools, seven post-primary schools, and one primary school on seven sites across the country. The project will employ over 1,100 people. The capital cost of the new schools is approximately €100 million. Construction has already begun and will be undertaken by BAM Building. BAM FM Ireland will maintain the schools throughout the 25 year contract period.

New Supreme Court building

The Government Buildings Agency (Rijksgebouwendienst) and a consortium of BAM have reached financial close for the new building of the Supreme Court of the Netherlands in The Hague. The contract covers the design, construction, financing and maintenance over a thirty year period ("DBFMO"). Work will start in the second half of 2013 and the building will become available to users in November 2015. The project covers the demolition of the former AXA building and the French embassy and the realisation of a building with offices and courtrooms with a gross surface area of 15,000 m² and an underground car park. The project is to be implemented by the ‘Poort van Den Haag’ consortium, a partnership between the BAM PPP/PGGM JV, Claus en Kaan Architecten, BAM Utiliteitsbouw, BAM Techniek and ISS Integrated Facility Services.

Worldwide

Back in Depok!

In Depok, the university town south of Jakarta, Indonesia, a green and orange tower crane has just appeared on the building site next to the Margo City Mall. There’s no denying it: BAM is back! Right next to Margo City Mall, BAM International is now building once again for PT Puri Dibya Property. This time, it’s a 14-storey four-star hotel. Excavation to a depth of 14.5 metres was necessary for the three-storey underground car park. Project manager Parlin Erikson focuses on more than the building process. Safety is just as important. ‘We’ve already given safety induction training to 300 people and soon we will be employing over a 1,000 workers on site.’

Growth in Indonesia

BAM Infraconsult is now based in Indonesia. ‘We are following in the footsteps of BAM International, as an important customer. They have a clear growth strategy for the Asia-Pacific region, so it goes without saying that BAM Infraconsult should be here too.’ As the person responsible for preparing BAM Infraconsult’s arrival, project manager Michael Burghardt is already at work at the offices of BAM International in Jakarta. Being stationed in Jakarta is a dream come true for him. ‘I’ve been working for fourteen years at BAM Infraconsult and wanted to go abroad. As the child of an expat, I spent part of my childhood here. Things have now gone full circle.’

Stadium Abu Dhabi

After the Soccer World Cup, BAM International has been awarded its next stadium project in Al-Ain some 150 kilometres east of Abu Dhabi for client AAFAQ Holdings. The 45,000 m² stadium’s stunning design, with a palm bowl envelope and external cladding in aluminium and composite seems destined to be a landmark. BAM’s scope of work includes the construction of the 25,000-seat stadium, a six-storey office building, a sports hall and external works comprising roads, car parking, playing fields and landscaping. The value of this design and build contract is €145 million. The project will take sixteen months to complete and will be realised in co-operation with BAM Sports and BAM Contractors.

PPP School in Germany

For the education department of the city of Frankfurt am Main, BAM Deutschland will build a PPP school in Frankfurt Höchst. This IGS school ‘Integrierte Gesamtschule’ will house primary and secondary school buildings and accommodate 650 students by mid 2014. The project includes an auditorium, cafeteria and sport facilities The funding of this PPP project is provided by LHI Leasing Holdings. The 45,000 m² stadium’s stunning design, with a palm bowl envelope and external cladding in aluminium and composite seems destined to be a landmark. BAM’s scope of work includes the construction of the 25,000-seat stadium, a six-storey office building, a sports hall and external works comprising roads, car parking, playing fields and landscaping. The value of this design and build contract is €145 million. The project will take sixteen months to complete and will be realised in co-operation with BAM Sports and BAM Contractors.


Available on the App Store

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