Great sea views

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This issue of BAM World is focusing on our activities outside Europe (see page 4) as last year, BAM International posted strong growth in revenues (+42%), profits and new orders. BAM’s operating companies are spread around our markets. In larger and multi-disciplinary projects BAM puts together integrated project teams. BAM is now co-locating some of its Dutch activities into ‘BAM Houses’ to enhance co-operation and reduce costs (see page 2).

The Executive Board members have strengthened their supervision and support of the operating companies to enhance risk management, mutual learning and cross-border co-operation. We are very happy that Erik Bax is joining our Executive Board (see page 3)!

Between 1 September and 15 October, every BAM employee will be given the opportunity to take part in five online (or offline) BAM Safari Games, one for each risk. www.bamsafety.eu

On safari during Safety Day

The BAM Safety Day, 2014, to be held on Tuesday 21 October, will this year be focusing on five specific safety risks. These ‘Big Five’ are the leading cause of many serious accidents, including some that are fatal. They are:
1. Working at heights
2. Working with moving equipment
3. Lifting and hoisting operations
4. Live electric installations, cables or pipes, that are situated in unknown or unexpected locations
5. Working near risk zones, such as water and traffic.

Managers will be given materials on 21 October to use with their teams to reflect on the Big Five.

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www.bamsafety.eu

The project team (from left): project engineer Jeroen de Goeij, senior site agent Michel Zondag, site agent Cees van Loenhout, Jeroen van Vliet, site agent John Freitag, and project engineer René Moerman.

will have a roof terrace and a balcony – the top floors will offer buyers great sea views.

The project is due for completion before the year’s end.

www.derederopscheveningen.nl

Right next to the port of Scheveningen, BAM Woningbouw and developer AM are building the ‘de Reder’ complex of different types of apartment. The complex will consist of 52 apartments, nine city dwellings, a supermarket, and an underground car park.

The façade has a striking appearance. The complex will be exposed to high winds and the detailed outer walls, with their stepped sections and concrete window frames will require a great deal of attention to ensure the building remains water tight. We are using a hard stone, which absorbs little moisture’, says BAM Woningbouw project manager Jeroen van Vliet.

The apartments will all come with large outdoor areas, and many of the penthouses will have a roof terrace and a balcony – the top floors will offer buyers great sea views.

The project is due for completion before the year’s end.

www.derederopscheveningen.nl

Nico de Vries,
Chairman of the Executive Board

From the Board

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Throughout the Group, we are noticing improved awareness of risks, benefits and quality. That’s necessary to reach our aim to be best-in-class!

This issue of BAM World highlights some of the prestigious projects in our portfolio like the world’s largest lock near Antwerp (see page 2) and the unique underground parking in the city centre of Utrecht (see page 2).

And of course ... wherever we work, we must work safely. We really need your support to reduce the number of accidents and fatalities occurring on our projects. That’s why I ask you to pay special attention to the announcement of our Worldwide BAM Safety Day. Think > Act > Live > Safe > BAM!

Nico de Vries,
Chairman of the Executive Board
Companies collaborate on Hoog Catharijne

A number of BAM companies are collaborating on the construction of a large-scale underground car park and new retail spaces for the redevelopment of Hoog Catharijne in Utrecht. The project, which will be developed in phases, has already started. BAM expects to complete the project in 2019.

The renewed Hoog Catharijne is characterised by large, transparent spaces, each with its own atmosphere and opportunities. The design aligns shopping centre and city centre. Two boulevards run parallel through the building of the new station square to the city centre. A component that catches the eye is the ‘Stadskamer’, where visitors will experience the extended canal Catharijnesingel below.

The project comprises the construction of an underground car park (approximately 1,300 spaces), 23,000 m² of retail space, 19,000 m² of shopping arcade and 9,000 m² of hotel space.

BAM Civiel project manager Paul Beljaars: ‘The five-storey car park will be the largest in the Netherlands. It covers an area of 80 by 120 metres.’

What is special is the construction method. To speed things up, the car park will be built in upward and downward direction simultaneously from level -2.’

Construction is carried out by a partnership between BAM Utiliteitsbouw and BAM Civiel. BAM Techniek is responsible for the electrical and mechanical installations. The project also involves BAM Advies & Engineering (detailed engineering), BAM Speciale Technieken (foundation works), BAM Milieu (earthworks and soil remediation) and BAM Nelis de Ruiter (dewatering).

Schools Bundle completed

BAM Building has just completed the final school in the Schools Bundle 3 PPP (SB3). Athlone Community College is part of the Public Private Partnership (PPP) contract that BAM signed with the National Development Finance Agency (NDFA) in November 2012 for the design, build, finance and maintenance of eight schools, seven post-primary schools and one primary school on seven sites across the country, providing a total of 5,700 school places.

BAM has been working very hard over the last few months to ensure that each school was completed within budget and deadline. BAM FM Ireland (facilities management) will maintain the schools throughout the 25 year contract period.

The construction of the Deurganckdoksluis lock in the port of Antwerp is taking just 53 months. Measuring 500 by 68 metres and with a sill depth of 17.8 metres, it will be the world’s largest lock. This immense construction is needed in order to improve access to the docks on the left bank of the River Scheldt. CEI-De Meyer and Betonac are responsible for this mega-project in a joint venture. The foundations engineering companies of CEI-De Meyer and Wayss & Freytag Ingenieurbau have played an important part in placing the nearly three-kilometre long cement bentonite wall that has been built around the gigantic excavation pit, which can therefore be dug out dry. The lock, into which 750,000 m³ of concrete and 55,000 tons of steel will disappear, is due for completion in March 2016.

The reception, the restaurant, the brightly striped seats... anyone entering a BAM House is sure to be struck by the uniform and inspiring design. A BAM House is an office shared by a number of regional BAM companies in the Netherlands. They are part of a strategic housing plan that BAM has developed to further promote co-operation among the regions and business units, improve efficiency and strengthen the BAM brand. The BAM Houses will at least meet BREEAM In Use level PASS. There are currently four BAM Houses. Another nine to go.

The opening of a new BAM House in Amsterdam.

The opening of a BAM House in Amsterdam.
PPP

BAM and PGGM strengthen joint venture

BAM PPP has been active in the European PPP market since 2006 and in May 2011 to accelerate the Group’s growth in this market formed an innovative 50/50 joint venture, BAM PPP PGGM Infrastructure Coöperatie U.A, with the Dutch pension fund administrator PGGM. The success of the JV has exceeded the expectations of both partners and it is anticipated that within 2014 PGGM will increase their commitment by a further €100 million, bringing the total committed funding to €445 million of which €266 million has been invested in, or allocated to, projects to date. BAM PPP retains full responsibility for bid management, the provision of asset management services to the joint venture and will represent the joint venture in its transactions. PGGM are a passive investor generally providing eighty percent of the required capital for projects. Both parties will continue to monitor the utilisation of the additional funding and expect further increases to the commitment when required.

United Kingdom

VIP visit to Stornoway

The start of the major construction works to upgrade Stornoway’s ferry terminal was marked by a visit by Scotland’s First Minister, Alex Salmond. This project is in preparation for the arrival of the new £42 million MV Loch Seafirth ferry in September. The main contractor on the project BAM Nuttall is carrying out the rock in-fill, armour stone removal and reinstatement at the terminal, together with car park resurfacing, roundabout construction and duct and drainage works. Mr Salmond said: ‘This important work represents this Government’s continuing support to our island communities through infrastructure investment, improving access to wider Scottish, European and international markets.’

Austria

An explosive project

Wayss & Freytag Ingenieurbau has started work as part of a joint venture on the construction of the second Gleinalmtunnel in Austria. The project concerns the building of an 8.3-kilometre long tunnel near Sankt Michael, in Obersteiermark. It will be dug out in four metre stages using explosives. After the rock face has been strengthened using shotcrete, the final version of the tunnel wall will be constructed during a subsequent phase. The Gleinalmtunnel will be equipped with modern safety technology: a thermoportal will ensure, that heavy duty vehicles will not enter the tunnel with hot wheels, engine or brakes. The project is due to be completed mid-2017.

People

Erik Bax joins Executive Board

Mr E.J. Bax, MBA has been appointed as a member of the Executive Board for a period of four years. Erik Bax (57) was managing director of CRH Europe Products & Distribution, a division of CRH plc, an international leader for production and distribution of building materials. The Executive Board of Royal BAM Group will therefore consist of Nico de Vries (chairman), Erik Bax, Thessa Menssen (CFO), Martin Rogers and Rob van Wingerden.

World class teaching centre

BAM Construct UK has won the £20 million contract to build a brand new, world class teaching centre for Teesside University, Middlesbrough. The campus heart development will transform the centre of the University campus offering unrivalled modern, flexible teaching facilities for students with state-of-the-art new and innovative learning spaces and technologies. BAM will deliver a facility with an impressive BREEAM ‘excellent’ rating and a string of strong environmentally friendly features. The project will also be used as a live example of building information modelling (BIM) for study groups. The visually stunning building will be an iconic addition to Teesside University and set alongside the University Library, it will create an exceptional and vibrant focal point at the heart of the campus.

A giant ‘mural’ at King’s Cross

A giant ‘mural’ designed by illustrator Gregori Saavedra has covered BAM Construction’s German Gym site at King’s Cross, London. The vast 790 m² artwork is inspired by the transformation of King’s Cross... It is one of the largest illustrations to be rendered on a building wrap. So large, that a team of four abseilers was required to install it. The artwork was split into thirteen vertical sections that were positioned on the outside of the building and joined together as the team abseiled down. The Grade II listed building was the venue for the indoor events of the first Olympic Games in 1866. BAM Construction is transforming it into a complex of restaurants with outdoor terraces.

A giant ‘mural’ at King’s Cross

Site Engineer William Macleod (left) discussing the Stornoway Ferry Infrastructure project with Scotland’s First Minister.
BAM International is seeking Spanish-speaking employees as the company is now spreading its wings towards Central and South America. Currently, the company is constructing a container terminal in joint venture with Van Oord in Costa Rica. It has recently launched a recruitment campaign in Spain. In an online video presentation potential candidates were shown the design, production, transport and placing of a prefab element, from the drawing table to production at the precast yard in Cilegon on West Java and finally to the Ichthys project in Australia. After this, interested candidates were able to take part in a live online question and answering session with a panel in Gouda. A total of nearly ninety CVs were received and twelve people were interviewed. BAM International is looking for project and construction managers and for project and planning engineers in all its regions. For more information please contact HR Manager Debora de Vlieg: d.de.vlieg@baminternational.com. The video of the prefab element’s journey and the online session can still be viewed at http://www.online.careersinternational.com/baminternational.html.

The most important piece of ‘equipment’ that Ian Wenkenbach carries is very possibly his Snap Brim. The fabric attached around his helmet protects his neck and ears from the burning sun. ‘Not the most fashionable, but the snap brim does a great job, which makes it very popular in Australia, where you simply cannot afford to ignore the effects of the sun. Applying plenty of sun lotion and drinking enough liquids is also required’, says Wenkenbach, who has been working for BAM International on the Ichthys LNG project near Darwin since mid-2013. The BAM Clough joint venture is building a jetty and mooring facilities here. ‘As a field engineer, I am mostly involved with keeping the free cantilever bridge (right on the photograph) running that is used for the construction of the Y-shaped jetty and with quality control. I also make sure that the piles and the prefab elements for the jetty are on the building site on time.’

A total of 360 piles measuring up to 48 metres in length are needed. Wenkenbach: ‘An average of two piles a day is driven into the ground, although we sometimes manage four. They have to be in place by November.’

School road safety training programme

The BAM-Aarsleff joint venture team on the Loela-Sumbawanga road rehabilitation project in Tanzania recently introduced a road safety programme for schools. The programme aims to train pupils as well as teachers and other school workers on road safety and road codes. The objectives of the programme are to prevent traffic accidents on the road during and after construction, to ensure that a road safety culture exists among the general public who reside along the construction route and to raise pupils’ awareness about road safety.

Online recruitment campaign

Deputy project manager Ronald de Geus.

Hotel business in Indonesia

All hands on the button for the ground breaking ceremony of the J-Hotel project in Cikarang, Indonesia: As Indonesia’s economy is growing healthily, one of BAM International’s long-standing clients in the country is venturing into the hotel business together with their Japanese partners. Under the name of PT Gunawan Tarkino Venture Hotelindo they will be running hotel rooms and serviced apartments for businessmen and expats working in the industrial area of Cikarang. BAM International expects to complete construction of the ten-storey hotel in August 2015.

Keeping a cool head

Ian Wenkenbach.