

# bam view

Local expertise; International experience



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## CSR Awards Launch 2016

Ireland can become an International Centre for Excellence in CSR.



Picture L-R Ian Talbot, Chief Executive, Chambers Ireland, Professor Rosa Chun, UCD Smurfit Graduate School of Business & Tadhg Lucey, Director of CSR & Sustainability, BAM

Chambers Ireland launched 2016 CSR Awards in March. The Awards recognise the positive work done by the business community for the benefit of their employees, the local community and the environment. This unique

competition offers the business community in Ireland a chance to promote their Corporate Social Responsibility activities and gain recognition for best practice. Special guest speakers included; Professor Rosa Chun - Chair in

Global Leadership Reputation and Responsibility, Michael Smurfit Graduate Business School, University College Dublin and Gerard O'Neill – Chairman of Amárach Research.

Theo Cullinane, BAM Ireland Chief Executive said "BAM is proud to once again promote responsible business in Ireland through our sponsorship of the CSR Awards this year. Sustainability is not only a key value for BAM; it is at the very heart of our strategic plans for growth and development. It is incredibly heartening to see an increasing number of Irish businesses share this view. I'd like to wish all entrants and everybody in Chambers Ireland and Business in the Community the very best of luck for this year's awards."

focused on responsible business. It is by working together to develop and promote Corporate Social Responsibility through groups such as the National Stakeholder Forum, that Irish businesses can show leadership internationally in responsible business practices. Ireland can become an international centre of CSR excellence and attract investment from the many international companies and funds that have CSR as a core business activity."

Speaking at the launch, Ian Talbot, Chief Executive, Chambers Ireland said, "These Awards recognise best practice in Corporate Social Responsibility in Ireland, now in their thirteenth year, it is clear to see the rapidly growing importance of CSR to Irish businesses strategy. This presents an opportunity for Ireland to differentiate itself from international competitors by promoting ourselves as a nation

Kieran McGowan, Chairperson Business in the Community Ireland said, "The Sustainable Development Goals launched last year demand a new role and commitment from business. Companies in Ireland need to understand how the goals relate to them and to showcase what they are achieving and what impacts are being made. Awards can help communicate these impacts to stakeholders so we encourage companies of all sizes and from all sectors to enter."

## BAM Sponsor Drogheda School Soccer Kit

This new Drogheda school, delivered by BAM through a Public Private Partnership will comprise circa 9,030m2 of accommodation over 2 floors and cater for a target population of 900 pupils.



This project involves the design, construction, finance, operation and maintenance of the school for a 25 year period. Construction works will be complete by mid April 2016.

The new St Mary's College facility was built within the grounds of the existing college on a site comprising 5.14ha. The new school has 29 specialist classrooms for subjects including technology, construction studies, art, home economics

and design and communication graphics, while there is also guidance and learning support suites. Works include a library, purpose-built science laboratories, a music/drama room with staging area, over 20 general classrooms, computer suites and a physical education hall with changing and fitness suites.

The school campus also includes a general purpose hall as well as

catering, staff offices and other ancillary space. External works provide five ball courts, GAA playing and training pitches, covered bicycle racks, landscaping and 65 car parking spaces.

St Mary's College is part Schools Bundle 4 of the Government's Public Private Partnership (PPP) Programme.

The other 3 schools under the programme are

- Comeragh College, Carrick-on-Suir, Co. Tipperary
- St Joseph's Secondary School, Tulla Co Clare
- Skibbereen School, Co Cork

Schools Bundle 4 will provide 3,000 new school places. Students will benefit from the opportunity to learn in new and improved teaching spaces and modern educational facilities built to a very high standard.

## Glucksman Library Extension at University of Limerick

BAM have recently been awarded the €20m contract for the Glucksman Library Extension at UL.

The project involves the design, construction and maintenance of a 7,500m<sup>2</sup> extension to the existing GLISB on the South Campus of the UL.

This new facility comprises a basement level with four levels of accommodation above ground. The new facility will open September 2017.

The development ties into the existing library and information services building, which will remain in operation during the construction phase.





# Engineers Week 2016

Visit to St. Pauls Special School by Sarah Horgan and Kathy O'Leary BAM Ireland



Sarah and Kathy visited St. Pauls Special School in Beaumont in March. Pupils from a number of

classes attended. They talked about their careers as engineers and how much fun it was to be an

engineer - you never get bored! Sarah showed them some great footage of travelling down the Corrib Tunnel which was taken by a camera placed on an operative's helmet and a video on how BAM Ireland are using BIM to model how they are going to build an office block in Dawson Street. The pupils were great at spotting the different ways engineers are involved in designing and building everyday things they see and use in their houses, at school and at the beach. Afterwards, the pupils created some fantastic structures from Lego.

## N25 New Ross Bypass PPP Scheme

BAM has commenced construction on the N25 New Ross Bypass PPP Scheme.



The NRA and BAM PPP PGGM Iridium consortium reached financial close in early 2016. The €230 million (total investment) project involves the design, construction, financing, operation

and maintenance of approximately 13.6 km of new dual carriageway (N25 & N30 routes) and 1.2 km of new/upgraded single carriageway (New Ross N30) route and various structures (junctions and road

bridges), the most notable of which is the 887 metre River Barrow crossing, a three tower extra dosed bridge. The bridge will be the longest of its type in the world.

The N25 road forms part of the comprehensive TEN-T (Trans European Transport) network. The project is expected to support in the region of 2,600 jobs across Ireland. The operations phase will commence in January 2019, followed by a 25 year concession period.

## Cork Event Centre

An Taoiseach Enda Kenny TD recently 'turned the sod' on the €50m Cork Event Centre.



*Pictured at the event were (L-R): Lord Mayor Cllr. Chris O'Leary; An Tánaiste Joan Burton TD; Minister for Agriculture, Food, and the Marine and Defence Simon Coveney TD; Mike Adamson, Chief Executive, Live Nation; An Taoiseach Enda Kenny TD; and BAM Ireland CEO Theo Cullinane.*

This followed confirmation by BAM Ireland that it had acquired the historic former Beamish and Crawford Brewery site from Heineken – a significant step in allowing the project to commence.

The 6,000 capacity multi-purpose venue is expected to be completed in 2018 and at peak construction will employ around 400 people. On completion it is expected to support over 1,000 direct and indirect jobs for the Munster region.

## BAM Hosts International Safety Officers Meeting in Dublin

BAM Ireland hosted the recent BAM International Safety Officers meeting in Dublin.

The two day conference centred around knowledge sharing and learning for continuous improvement.

Other topics covered included BAM strategy, culture and health and safety developments.

Initiatives discussed included communication and collaboration within the group and experience on behavioural based safety (BBS) implementation.

The two day event was completed following a site visit to a hi-tech HQ building shell and core project underway at Sandyford to see excellence in practice.

Royal BAM Group Strategy 2016-2020 was presented by Rob van Wingerden CEO Royal BAM Group, pictured with Theo Cullinane, CEO BAM Ireland.



## Student Accommodation – Mill Street

Construction is progressing on the Student Accommodation Building for GSA (Global Student Accommodation) Group on a brownfield site at Mill Street, Dublin 8.



The project comprises the design and construction of a 4-7 storey Courtyard Block made up of 6 cores with a gross floor area of 12,500m<sup>2</sup>.

Accommodation includes 399 Bedrooms across 61 Cluster Flats. Works are due to be complete by July 2018.

## BAM Ireland Team commemorates the centenary of the 1916 Easter Rising

The 1916 Proclamation (Forógra na Poblachta); was issued by the Irish Volunteers and Irish Citizen Army as a declaration of Ireland's Independence.

The reading of the Proclamation by Patrick Pearse outside the General Post Office (GPO) on Sackville Street (now O'Connell Street), Dublin's main thoroughfare, marked the beginning of the Rising.

The Proclamation was modelled on similar declarations of independence at home and abroad.





# One Albert Quay

One Albert Quay was built by BAM to the highest global standards with full LEED pre- accreditation (the US gold standard for sustainability).



This 15,800m<sup>2</sup> office development features a glazed façade and provides breath-taking views of the River Lee and City Centre area. It is situated next to Cork's City Hall on a unique waterfront site.

This landmark building incorporates the latest efficient and sustainable technologies which include solar

panels, rain harvesting, smart parking and energy-saving lift and lighting systems. It has also been embedded with Tyco's protection, security and asset-tracking systems. The seven storey structure over a double basement car park is the most significant new office development in Cork City Centre in many years. It sets new standards in

terms of design, scale and efficiency for both national and global companies and can accommodate up to 1,800 personnel.

Safety engineering company Tyco have relocated their global headquarters to the building and occupy the top four floors. PWC have also taken up residency and occupy 1,400m<sup>2</sup>.

# Courts Bundle PPP

Construction works are progressing well on the Courts Bundle PPP project.

The contract value is approximately €135 million and building works will be completed in 2017. BAM FM Ireland will be responsible for the facilities management for the 25 year concession period.

This PPP project includes the design, build, finance and maintenance of facilities at seven courthouses, ranging in size from 1,354 m<sup>2</sup> to 8,490 m<sup>2</sup> in gross floor area:

- **Cork City** - The refurbishment and extension of the existing landmark courthouse building at Anglesea Street to accommodate six courtrooms, improved custody facilities, court offices, the regional office and associated facilities.
- **Drogheda, Co. Louth** - A new courthouse consisting of two

courtrooms and associated facilities to be constructed on a landmark town centre site adjacent to the River Boyne.

- **Letterkenny, Co. Donegal** - A new courthouse to accommodate four courtrooms and associated facilities to be constructed on a town centre site close to the existing courthouse.
- **Limerick City** - A new criminal courthouse to be built on a site adjacent to Limerick Prison, to include six courtrooms, custody facilities, court offices and associated facilities.
- **Mullingar, Co. Westmeath** - The refurbishment and extension of the existing historic courthouse in Mullingar to accommodate three courtrooms, improved

custody facilities, court offices and associated facilities.

- **Waterford City** - The refurbishment and extension of the existing historic courthouse in Waterford to accommodate six courtrooms, improved custody facilities, court offices and associated facilities.
- **Wexford Town** - The refurbishment and extension of an existing landmark building to provide a new courthouse for Wexford Town consisting of four courtrooms, custody facilities, court offices and associated facilities.

Completion is expected in 2017. BAM FM Ireland will be responsible for the hard and soft facilities management during a 25 year concession period.



# BAM Wins Overall Prize at CMG Building & Design Awards

BAM was awarded the Engineering Project of the Year for the N11 Arklow Rathnew PPP / N7 Newlands Cross PPP project at the recent CMG Building and Design Awards.

More than 500 people from the world of Architecture, Engineering, Construction and Design attended the celebrations at the Ballsbridge Hotel.

These awards, hosted by Marty Whelan, recognise the best of

Ireland's Building & Design projects over the last 12 months.

Congratulations and well done to Yvonne Jones, Darren Devane and all the team on the N11 N7 PPP Project.



# Sky is the limit as BAM announces €3m purchase of six new cranes

BAM has recently invested €3million in six new state-of-the-art cranes from the German supplier Wolffkran.



A strategic addition to BAM's resources in Ireland, the acquisition means that BAM now owns a total of thirty cranes.

Commenting on the acquisition, BAM Ireland Plant Manager Tommy Flaherty said: "This purchase meets a vital need for BAM. We have seen a real upswing in our construction activity recently and resurgence in areas such as commercial office building activity. These cranes will be going to sites across the country immediately, as BAM moves ahead with works on the corner of Molesworth Street and Dawson Street for Green REIT, the Capital Cinema in Cork for JCD, and the Court Building in Waterford City, which is part of the Courts Public Private Partnership project."

BAM has a long standing relationship with Wolffkran based on their ability to deliver top level

service and integrate innovative technology to meet requirements. The new cranes are equipped with the latest software, which monitors weather conditions and crane performance. In addition, this software can notify both the site manager and the supplier electronically in the event of high wind speeds. Engineers from BAM Ireland recently travelled to Germany to be trained on the new technology.

The tower cranes have a 70 metre reach and can operate at a height in excess of 125 metres, with the capacity to lift 3.2 tonnes at maximum reach. The cranes, which run on 100% green electricity are also representative of BAM's commitment to sustainability, which has seen the company named on the "A List" of the Carbon Disclosure Project (CDP) Climate Performance Leadership Index.



## South East Region Jobs Fair

BAM staff from the Courts Bundle PPP (Waterford and Wexford), N25 New Ross PPP and M11 Gorey to Enniscorthy PPP project attended the South East Region Jobs Fair in March.



Also in attendance was Pedro Jadraque Gago from Dragados our Joint Venture Partners on the M11 JV and N25 JV. Representatives from BAM included Brendan Meagher, Thea O'Riordan, Conor Sludds, Linda Cooper, Derek Walsh, Peter Walsh and Alan Finn.

The purpose of the event was to promote BAM's projects in the South East of Ireland and to encourage people to apply for jobs with BAM. These roles include professional staff such as Quantity Surveyors, Engineers, Land Surveyors, Material Testing Technicians, Health and

Safety Officers and Foremen as well as Construction Operative roles.

There is a social inclusion clause within contracts. Its aim is to get people off the live registrar into full time employment (including apprenticeships). In this regard we have met with officials from Intreo and are now coordinating with the various regional Employer Liaison Officers at the seven courts sites, the M11 JV and the N25 JV. We had a total of 282 applicants for various posts who will be considered for the various positions available.

## BAM Corrib Team pick up two accolades at the Green Awards

Congratulations to the BAM Civil /Waysy Freytag JV Corrib Tunnel Team on their achievements at the Green Construction Award Night.

The eighth annual Green Awards took place in April to celebrate the cream of Ireland's leaders, organisations and teams within the green industry.

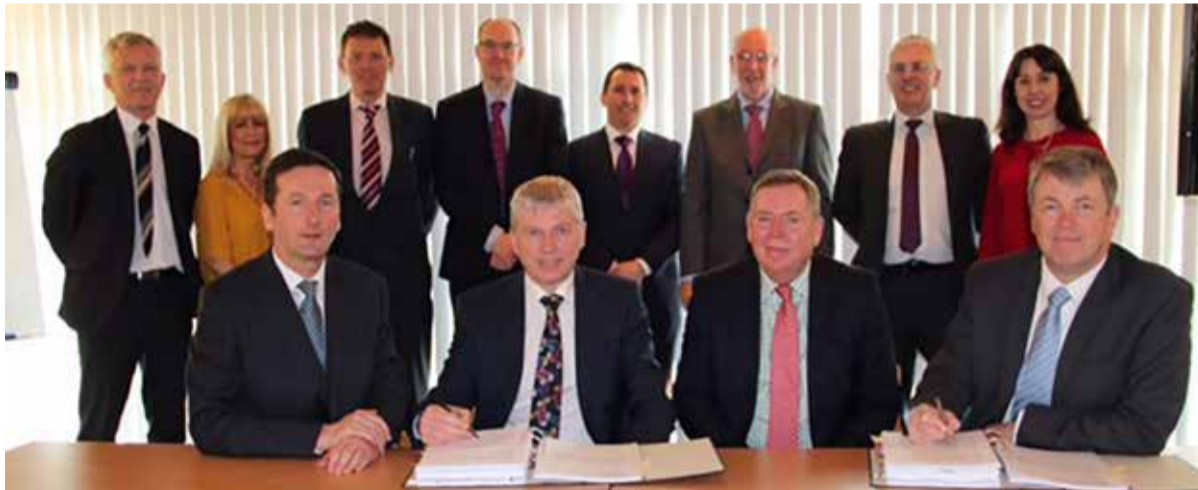
Two BAM projects were nominated for the Green Construction Award, the Lambe Institute at University Hospital Galway and the Corrib Tunnel project.

The Corrib Tunnel Team was awarded two accolades on the night. The Green Business of the Year and the overall Green Business Award.

These awards and nominations are an excellent reflection of the environmental and sustainability efforts from all at BAM.



## Ulster Hospital Acute Services Block Contract Signing



South Eastern Health and Social Care Trust has appointed The GRAHAM-BAM Healthcare Partnership, a joint venture between BAM and GRAHAM Construction to deliver Ulster Hospital's new £95 million Acute Services Block – currently the largest live healthcare project in Ireland.

The Acute Services Block will sit

adjacent to a new ward facility presently being constructed by GRAHAM-BAM Healthcare Partnership on the same complex, scheduled to complete in autumn this year. This second facility – an eight-storey, 31,000m<sup>2</sup> Acute Services Block, will incorporate specialist wards, support services, assessment unit, inpatient imaging

department, and a new emergency department which will have capacity for 110,000 attendances per year.

The scheme has been designed to achieve BREEAM Excellent and will use flat slab construction to integrate the structure with its services and the clinical spaces. The building's high thermal mass will

reduce operational running costs and the delivery of the structural and acoustic solutions will further support the healthcare services.

Hugh McCaughey, Chief Executive of the South Eastern Health and Social Care Trust said: "We've appointed GRAHAM-BAM Healthcare Partnership to the second phase of our redevelopment programme because of their extensive skills and expertise within the medical field, which we believe are pivotal when creating a specialised high-quality scheme."

GRAHAM-BAM Healthcare Partnership is already working on the first phase of the hospital's redevelopment programme. The current seven-storey new build Inpatient Ward Block will accommodate a procedural area on the ground floor with four upper floors of 288 en-suite bedrooms

within 12 inpatient wards. The 30,000m<sup>2</sup> development has been designed to achieve the highest building and infection control standards. It has won several awards, the most recent being the Considerate Constructors Scheme Gold and Considerate Constructors Scheme Most Considerate Site National Runner Up for 2016, and the Green Apple Award.

*Artist's Impression Courtesy of Avanti/ Kennedy Fitzgerald Architects*



### KEY PERSONNEL

Theo Cullinane, CEO

#### BAM Building

Ger Harrington  
Perry Haughton  
Denis McCarthy  
Paul Roche

#### Regional Directors

Michael Gillen  
Ger Moloney  
Pat McAndrew  
Luke Gibbons

#### BAM Civil

Brian Cunningham  
Tadhg Lucey  
Paudie Murphy  
John O'Sullivan

#### BAM Property

Sean O'Brien

#### BAM FM Ireland

Michéal Keohane

Finance Director – Lorna Cross  
Business Development Director – Mike Jones  
CSR Director – Tadhg Lucey  
Commercial Director – Jim Martin  
Chief Estimator, Civil – John Murphy  
Chief Estimator, Building – Seamus Brady  
SHE Manager – Kathy O'Leary  
HR Manager – Adrienne Bryan  
ICT Manager – Tim McCarthy  
Plant Manager – Tommy Flaherty  
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