



# bam bulletin

Building the present, creating the future

## New Children's Hospital at St James's Hospital Campus

The new children's hospital will accommodate the highest number of specialties available on one campus by bringing together the expertise of the three children's hospitals into one national tertiary hospital, meaning that the sickest children will have access to the specialised skills of professionals working in paediatric care.



*Pictured: Theo Cullinane, CEO BAM Ireland, presenting a memento to An Taoiseach Leo Varadkar TD at the sod turning ceremony of the new Paediatric Outpatient and Urgent Care Centre at Connolly Hospital. L-R Minister for Health Simon Harris TD; Mayor of Fingal Mary McCamley; An Taoiseach Leo Varadkar TD; Tom Costello Chair NPHDB and Theo Cullinane, CEO BAM Ireland.*

For instance a child requiring both neurosurgery and cardiac surgery will, for the first time in Ireland, be able to access those services on one site- instead of having to attend two separate children's hospitals.

Full planning permission for the new hospital, the two Paediatric Outpatients and Urgent Care Centres, a Children's Research and Innovation Centre and a 53-unit family accommodation centre was granted in April 2016. A comprehensive tendering process followed with BAM as the preferred bidder.

In July 2016 BAM was awarded the first phase of the NCH project, the enabling works contract.

In May 2017, former Taoiseach Enda Kenny TD, Simon Harris TD and members of the Youth Advisory Council, cast the foundation stone for the new children's hospital. The children, current and former users of the children's hospital services embedded their hands into a mould which will be cast in cement and incorporated into the new hospital.

Then in August 2017 BAM were officially awarded the build-only

contract for the new children's hospital. The project is over €600 million and is expected to take four years.

The 12-acre site on the St James's Hospital campus has been fully cleared and is now ready for the laying of foundations of what will be one of the biggest buildings in Ireland. The new hospital will include over 6,150 rooms, 4 acres of outdoor gardens and external space and 380 individual inpatient rooms each having their own ensuite for parents to sleep near their sick child.



*CGI of aerial view of New Children's Hospital*



*CGI of Paediatric Outpatient and Urgent Care Centre at Connolly Hospital*

In addition, BAM have also been awarded the National Children's Hospital Satellite Centres at Tallaght and Blanchardstown.

These 10,000m<sup>2</sup> facilities will provide Out-Patients, Urgent Care, CSAU, Medical Imaging, and Dental Treatment Departments for sick children. The two centres are fully integrated with the existing buildings on the Tallaght and Blanchardstown Hospital sites while benefiting from separate entrances.

In October 2017, An Taoiseach Leo Varadkar TD and Minister for Health, Simon Harris TD joined representatives of the Children's Hospital Group and National Paediatric Hospital Development Board for the official sod turning ceremony at the NCH Satellite at Connolly Hospital.

The construction of the Paediatric OPD and Urgent Care Satellite Centres is scheduled to be completed in 2018, and the new children's hospital in 2020.

## Luxury student residences for Global Student Accommodation

BAM has completed GSA's 400-bed Flagship student residence in Dublin; Uninest New Mill. Situated in The Liberties, the seven storey, energy efficient development offers students a variety of en-suite cluster flat rooms and studios.

In addition, two commercial units are available for shops and restaurants within the development, which will give students convenience on their doorstep.

Construction took 20 months to complete and the opening

comes shortly after GSA awarded BAM the contract for a second development, Uninest Tannery on Blackpitts Road. This additional 296 bed residence is adjacent to Uninest New Mill and is expected to create approximately 250 jobs throughout construction, with a further five full-time

positions becoming available upon completion. Once open in 2018, the residence will offer a combination of en-suite cluster apartments and community spaces, including an incubation hub for local start-ups, small businesses and entrepreneurs.



*Uninest New Mill*



# Ulster Hospital wins coveted award at CEF Awards

Ulster Hospital awarded 'Overall winner 2017' at the Construction Excellence Awards, hosted by the Construction Employers Federation (CEF).



*Pictured: Denis McCarthy, Director BAM Ireland (second from Right) with the Ulster Hospital Team, CEF President David Henry and Guest Speaker Barry McGuigan*

The highlight of the night was the GRAHAM-BAM Healthcare Partnership winning the Overall Award for its work on the £85 million Inpatient Ward Block at the Ulster Hospital. This is an award given to the entry that best exemplifies excellence in construction. The judging panel were particularly impressed with

how the project was managed, from the way the subcontractors were procured to the creation of detailed traffic management plans. The judges commented that 'BAM-GRAHAM's approach to the project ensured that the design quality, build quality and continuous consideration of buildability led to the creation of

a world-class healthcare facility, while setting the tone and quality threshold for future healthcare projects.'

The Construction Excellence Awards were launched in 1999. Since then, they have become the premier event in the Northern Ireland construction calendar, providing an opportunity to recognise the achievements of the local construction industry and to publicise the substantial contribution that the industry makes to the local economy and society in Northern Ireland.

Theo Cullinane, CEO BAM Ireland said: 'This is a wonderful achievement and this award recognises and celebrates the dedication, professionalism and hard work demonstrated by the Ulster Hospital construction team.'

# BAM JV chosen for new £57m Belfast Maternity Unit

The new maternity facility at Royal Victoria Hospital will be delivered through GRAHAM-BAM Healthcare Partnership.

BAM has been chosen by the Belfast Health and Social Care Trust to construct its new £57m maternity hospital at the Royal Victoria Hospital, Belfast. The project will be delivered through GRAHAM-Bam Healthcare Partnership, a Joint Venture between BAM Ireland and Graham Construction.

Located on the main Royal Victoria Hospital site next to the existing maternity hospital, the new £57m facility will include delivery suites, obstetric theatres and the neonatal intensive care unit all on one floor with easy access between them. There will also be a midwifery-led unit as part of the same facility, with ensuite rooms, each with a birthing pool.

Karen Brookes, Director of Capital Planning & Redevelopment for the Belfast Health and Social

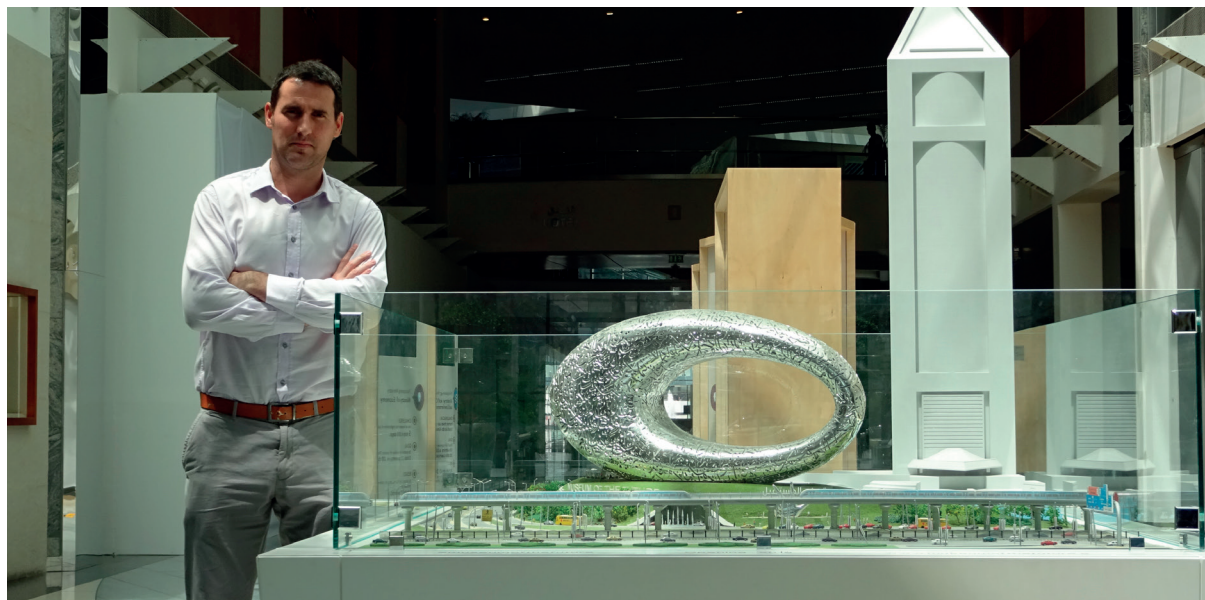


*CGI of New Maternity Unit at Royal Victoria Hospital*

Care Trust said 'We look forward to working with our partners Graham-BAM to create a high quality modern maternity hospital that will help enable us to deliver quality care, designed to meet the needs of more than 6,000 women who have their babies delivered by the Royal Jubilee Maternity Service each year.

# Project Manager Shaun McGinley & Working in Dubai

Project Manager Shaun is responsible for the construction of the futuristic Museum of Future by BAM Ireland BAM International JV in Dubai.



*Pictured: Project Manager Shaun McGinley with architectural model*

This iconic building will consist of 17,000 m<sup>2</sup> of embossed stainless steel in the shape of an elliptical toroid, culminating in a column-free internal floor plate. The cladding will include glazing, the outline of which will appear as Arabic calligraphy when viewed from the outside.

This superstructure will be founded on a combination of piled and raft foundations. The reinforced concrete works come up three levels to a podium, which will be carefully erected over a 10 month period whilst the external stainless steel cladding will progress in tandem. Two link bridges, to the Emirates Towers and the Metro Station, are also included in the works, along

with all utilities diversion such as road improvement. All works are carried out to LEED Platinum Accreditation standard. The project is due for completion in mid-2019.

Shaun joined BAM Ireland sixteen years ago as a graduate and has recently worked on the One Albert Quay and the Capitol Cinema redevelopment projects in Cork City.



*CGI of Museum of the Future, Dubai*

# N25 New Ross Bypass PPP Team Wins Silver at the RoSPA Health & Safety Awards 2017

The RoSPA (The Royal Society of the Prevention of Accidents) awarded the N25 New Ross team the Silver Award for Best New Entry at the recent awards.



*Pictured (clockwise from bottom right) Adrian Cunningham, Brenda McMahon, Brendan Meagher, Antoin Cummins and Christy Hannon collecting their award.*

2017 marks the centenary year for these prestigious awards which recognise and celebrate excellence in safety performance. Congratulations to Adrian Cunningham and his team!





# BAM wins National ENERGY GLOBE Award Ireland 2017

BAM were recently awarded the ENERGY GLOBE Award for Ireland for their collaborative research with GMIT.



Pictured: Jan Gottsche, BAM (second from right), receives a Certificate for Energy Globe Awards from Walter Koren, Advantage Austria; H.E. Ambassador Helmut Freudeuschuss; and Wilhelm Nest, Austrian Embassy

BAM Ireland and GMIT developed a construction-phase resource efficiency toolkit through the benchmarking, development, implementation and testing of waste, water, carbon and energy reduction plans on selected construction projects.

These case studies included a primary and community college project; an educational special needs units project; a clinical research facility; a hospital car park project; and a human biology university building project. The project examined the feasibility of implementing resource efficiency strategies on site to reduce the environmental burden of the construction activities while also increasing the competitiveness of the process. The implemented resource efficiency initiatives on the five case studies resulted in total cost savings of €108,625, a reduction in energy use of 250,547 kWh, a waste reduction of 167.51 tons and an associated reduction of 274.57 tons in carbon emissions.

**Innovation**  
This project's innovation lies in two main areas: Firstly, the benchmarking, development, implementation and testing of waste, water, carbon and energy reduction plans on actual construction projects to

develop a transferable resource efficiency toolkit for SMEs in the construction industry. Secondly, development of an innovation and knowledge management model/framework for a construction company that contributes to higher education curriculum development at undergraduate and postgraduate levels.

With more than 178 participating countries and over 2000 project submissions annually the Energy Globe Award is today's most prestigious environmental prize worldwide. It distinguishes projects regionally, nationally and globally that conserve resources such as energy or utilize renewable or emission-free sources. Award ceremonies are held all over the world. Prominent personalities as well as Energy Globe Ambassadors in 90 countries support the mission of Energy Globe. The activities of Energy Globe attract worldwide media attention - international TV stations report each year with approximately 1,000 hours of broadcasting time. The aim of the Energy Globe is to raise global attention on sustainability everywhere, apply environmental solutions and to motivate people to also become active in this area.

# Mercer Institute, St James's receives Accolade at 2017 RIAI Architectural Awards

Mercer's Institute for Successful Ageing (MISA) wins Best Health Building category at the recent awards.



These awards celebrate the quality of work carried out by RIAI members in 2016 and highlight the contribution that architects make to society for everyone's benefit.

This 15,018m<sup>2</sup> centre of excellence was constructed by BAM and designed by Moloney O'Beirne and O'Connell Mahon Architects. Built within the St James's Hospital campus, it provides patient care as

well as educational and training programmes. The seven storey building accommodates research facilities, consultation spaces, meeting space, catering facilities, day areas, roof terrace spaces, a courtyard and naturally lit foyer, conference rooms and 76 en-suite bedrooms with further ward spaced to accommodate a total of 100 beds.

# Drogheda Courthouse Opening

The official opening of the Drogheda Courthouse, the first of seven courthouses in the Courts Bundle 1 PPP was held in July 2017.



The Minister for Justice and Equality, Mr Charlie Flanagan, in the presence of the Hon Mrs Justice Susan Denham officially opened Drogheda's state of the art courthouse.

The completed facility includes two double height courtrooms, ancillary accommodation for Judges and staff, consultation rooms for practitioners, clients and vulnerable witnesses, a spacious public lobby and waiting area and spaces for the media. The first sitting at the new courthouse took place on Friday 7th July and the Drogheda District court

is scheduled to sit in the new courthouse eight days per month.

The Hon Mrs Justice Susan Denham congratulated all those associated with the delivery of the courthouse on creating a centre that 'meets the needs of modern society' and described the building as 'being destined to be part of the cultural heritage of the people of Drogheda'. The remaining courthouses in the bundle are located in Cork City, Letterkenny, Limerick City, Mullingar, Waterford City and Wexford Town.



Pictured: Chief Justice, Mrs Justice Susan Denham; Theo Cullinane, CEO BAM Ireland and Brendan Ryan CEO, Courts Service.



# New Air Traffic Control Tower for Dublin Airport

BAM is to build the new Air Traffic Control at Dublin Airport.

Construction comprises three separate but integrated building elements namely:

- A control cab and associated elements.
- The cab supporting shaft.
- A base building. The base building will accommodate staff facilities, electronic systems and mechanical plant space to provide control of the building environment.

The overall height of the VCT structure, resulting from the operational requirement for a control room floor level of 80m above ground level, will be an overall height of 86.9m.



# Chambers CSR Awards 2017

The 2017 Chambers Ireland CSR Awards, in association with the Department of Rural and Community Development, partnered with Business in the Community Ireland was again sponsored by BAM.



Pictured from left: Ian Talbot, Chief Executive of Chambers Ireland; Niamh Boyle, President, Chambers Ireland; Shaun Murphy, Managing Partner, KPMG; Karina Howley, Head of Corporate Citizenship, KPMG; Sean Kyne TD, Minister of State for Community Affairs, Natural Resources & Digital Development; and Tadhg Lucey, CSR Director, BAM Ireland. Pictures: Finbarr O'Rourke

KPMG was awarded the Outstanding Achievement in Corporate Social Responsibility (CSR) 2017. Their CSR programme demonstrated strong engagement across the company and impressed the judging panel by performing consistently well across all aspects of CSR.

Theo Cullinane, CEO, said, 'We are very pleased to sponsor the Chambers Ireland CSR Awards for a sixth consecutive year. The CSR Awards is a wonderful embodiment of the very best principals that drive Irish businesses; the desire to use our

skills to make positive changes in our society, to connect with our communities and to seek innovative solutions to the most pressing problems of the day. I'd like to extend my heartfelt congratulations to all of this year's nominees and to commend them for the fantastic work they have done to improve the quality of life in Irish communities.'

Speaking at the Awards ceremony, Ian Talbot, Chief Executive of Chambers Ireland said: 'The CSR Awards showcase the exciting CSR practices taking place within Irish business. Over the past fourteen

years we have witnessed the growth of socially responsible business practices. Businesses can flourish when time is dedicated to engaging with the community, improving the environment and supporting employees. Congratulations to KPMG and the other fourteen excellence in CSR category winners, who deserve the recognition for demonstrating and delivering best practice CSR.'

Each winner was presented with a specially commissioned trophy designed by Waterford Crystal.

# Bantry Bay Redevelopment 2017

Bantry Bay Port Company officially opened the new Bantry Harbour Marina in August. Over 40 boats visited the new marina which was officially unveiled by Bantry's own footballing legend, Graham Canty along with Bantry Bay Port Company Chairman, John Mullins.

To celebrate the opening, weekend celebrations included Bantry Regatta and BBQ Festival which involved lots of fun family events, both on and off the water throughout Bantry town.

The opening of the new marina is part of the overall Bantry Inner Harbour Development which marks the start of the regenerating of the Inner Harbour Development scheme developed by the Bantry Bay Harbour Commissioners in 2012.

The newly developed Harbour Marina will provide 40 short-stay

berths for the marine leisure sector in close proximity to Bantry Town which will provide a critical

kick-start for the marine leisure industry, with the aim to attract more marine tourism to the area.



# BAM Sponsor Cork University Hospital Gala Ball

Cork University Hospital (CUH) Charity recently launched their annual Gala Fundraising Ball. The gala event, sponsored by BAM, took place on Friday October 6th, at Fota Island Resort.



Pictured: Sisters Zara, Erin and Ela Caharaman with Miriam Forde, Head of CUH Charity and Ger Moloney, Regional Director at BAM at the launch of the CUH Charity Ball.

All funds raised at the Ball will go towards initiatives such as the refurbishment of the family room in the Emergency Department, as well as purchasing vital medical equipment for the Urology Unit in CUH Cancer Services at Cork University Hospital.

To date, over €90,000 has been raised from CUH Charity Gala Ball events, which has directly benefited cancer patients, the Children's Unit and patients in the Neurology Unit at the hospital. It is hoped that bladder cancer patients and emergency services patients and their families will all benefit as a result of the funds raised from this year's event.

Speaking about the Gala Fundraising Ball, Miriam Forde, CUH Charity said: 'Since we had our first sell-out Gala Ball in 2015, the event has grown each year to

become one of the most highly-anticipated not-for-profit events in the social calendar in Cork and the region. We are absolutely delighted that its huge success has had such a significant impact on our hospital and on the lives of our patients at CUH.'

Theo Cullinane, CEO, added: 'BAM Ireland are delighted to sponsor the CUH Charity Gala Ball, a spectacular event for a very worthy cause.'

Over 300 guests attended the Gala Ball and helped raise €40,000 on the night. These funds go towards initiatives such as underwriting a new epilepsy monitoring machine for the Epilepsy Outpatient Unit and assist in the refurbishment and expansion of the Chemotherapy Day Unit to enable up to 1,000 more oncology patients to be seen each year.

## KEY PERSONNEL

- Theo Cullinane - CEO
- MANAGEMENT:
- John O'Sullivan - Civil
- Tadhg Lucey - Marine/ International/ Safety
- Ger Harrington - Building / Property
- Lorna Cross - Finance
- DIRECTORS:
- Brian Cunningham
- Perry Houghton
- Denis McCarthy
- Paul Roche

## REGIONAL DIRECTORS

- Luke Gibbons
- Pat McAndrew
- Ger Moloney
- BAM FM – Micheál Keohane
- BAM PPP – Robert Young
- BAM Property – Sean O'Brien
- BAM Rail – John O'Sullivan

- Mike Jones - Business Development Director
- Tadhg Lucey - CSR Director
- Paul Brennan - BIM Manager
- Seamus Brady - Chief Estimator, Building
- John Murphy - Chief Estimator, Civil
- Jim Martin - Commercial
- Philip Desmond - Commercial
- Peter Walsh - Commercial
- Adrienne Bryan - HR & Payroll Manager
- Tim McCarthy - ICT Manager
- Tommy Flaherty - Plant Manager
- Andrew Kehoe - Procurement Manager
- Kathy O'Leary - SHE Manager

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