

# FINALIST

**ibb**  
BUILDERS  
MERCHANTS

# LCA

LONDON  
CONSTRUCTION  
AWARDS  
OCTOBER 25<sup>th</sup> 2017

ROYAL GARDEN HOTEL  
LONDON



## London Construction Awards 2017

London Construction Awards will take place as part of London Build 2017- the leading construction event in the UK. The LCA are the most prestigious construction awards in London that recognise achievements, developments and innovation within London's booming construction industry and feature a wide range of categories for solution providers, contractors, architects, developers and local authorities. All awards are free to enter and are judged by industry experts. IBB Polish Building Wholesale was shortlisted to the final in two categories:

- **Product Innovation of the Year - IBB Therm.** This award recognises innovation in building materials.
- **Women in Construction - Magdalena Rosol - IBB Builder.** This award recognises the impact and influence of women on the construction industry and celebrates the outstanding contribution to paving the way for women in the construction industry.

The awards will be presented on the 25th October during the prestigious Gala Dinner. **Thank you to all our customers and partners for your continuous cooperation, loyalty and support.**





# The Intelligent Infrastructure Challenge

Opportunity to work with the key players in the UK's road network

**Highways UK, roads for modern Britain will be held on 8th and 9th November 2017 at the NEC in Birmingham. It is for people and organisations involved in the planning, designing, building, operating and future-proofing of the UK's road network.**

The 2016 event was a great success and attracted over 2,200 visitors. The Constrain Intelligent Infrastructure Hub was created at this event to be

a showcase of innovations and technologies that facilitated a more efficient and safer network and presented these solutions directly to key clients – Highways England and Local Authorities.

New for the 2017 event is The Intelligent Infrastructure Challenge. This is a competition involving specific infrastructure client challenges set by Highways England, Bristol City Council, Transport for the North, England's Economic Heartland the London Air Quality Commission and Transport Scotland. These challenges require innovative technical solutions to problems involving customer service, network efficiency, safety, security, performance, air quality etc. To view the challenges click here <https://admin.ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf>

[ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf](https://admin.ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf)

Each shortlisted candidate will be able to exhibit their solution for free and will be asked to give a 5 minute presentation in The Hub. Each of the challenger clients will be tasked to pick a winner from the shortlist and award a prize at a special ceremony during the event on Thursday November 9th. Winners will receive various levels of non-financial support from the challenger client. To apply fill in the form here [ktn-juqiy.formstack.com/forms/eoiinnovationshowcase](https://admin.ktn-uk.co.uk/app/uploads/2017/07/Highways-UK-17-Intelligent-Infrastructure-Challenges.pdf). Application closing date is on the 22nd September 2017.

(SOURCE: Highways UK)



# Growth slows for construction SME's

**According to the Federation of Master Builders - FMB's State of Trade Survey for Q2 2017 - the only quarterly assessment of the UK - wide SME construction sector - the growth for the sector was slower than in the first three months of the year.**

The SME construction sector grew in the second quarter of 2017, albeit at a slower rate in most parts of the UK than the first three months of the year, according to the Federation of Master Builders (FMB).

Key results indicates that:

- Q2 2017 was the 17th consecutive quarter of positive growth which means that the construction SME sector has been growing for more than four years (ie since Q2 2013);
- Almost one in two construction SMEs predict rising workloads in the coming

threemonths, with just 9% predicting a decrease in activity;

- 83% of builders believe that material prices will rise in the next six months;
- 60% of construction SMEs are struggling to hire bricklayers; 57% are struggling to hire carpenters and joiners; and 47% are struggling to hire plumbers;
- Almost two-thirds (62%) of construction SMEs expect salaries and wages to increase in the next six months.

Brian Berry, Chief Executive of the FMB, said: "Rising material prices and salaries could be starting to dampen growth among construction SMEs. However, it is encouraging to see that the sector has continued to grow despite the recent snap General Election and the resulting hung Parliament. The construction SME sector is particularly vulnerable to any dips in consumer confidence that might come from periods of political uncertainty. It may be that a number of home owners decided to delay any big spending decisions on new extensions or loft conversions

while the election campaign was underway - this would account for the slow-down in growth seen in the second quarter of 2017."

Berry concluded: "Looking ahead, almost two-thirds of construction firms expect wages and salaries to increase over the next six months and this is in contrast to stagnant wages elsewhere in the economy. Rising salaries are undoubtedly the result of the escalating construction skills shortage - construction workers know their worth and are demanding higher wages from their employers. The majority of construction SMEs are struggling to recruit key tradespeople such as bricklayers and carpenters and we're seeing shortages in other trades, such as plumbers and plasterers, starting to creep up. With Brexit on the horizon and worrying talk of the so-called 'Tier 2' immigration system replacing the free movement of people, the construction industry urges Ministers to bear in mind their strategic house building and infrastructure targets before pulling up the drawbridge on EU migrant workers."

(Source:FMB)



# New rules to regulate DRONES use

**Last month the Government announced that under new rules drones will have to be registered and users will have to sit safety awareness tests. Drones are playing an increasing role in the construction sector in surveying, collecting information or tracking progress on site.**

Owners of drones weighing 250 grams and over will in future have to register details of their drones to improve accountability and encourage owners to act responsibly. Users may be able to register online or through apps, under plans being explored by the government. The move follows safety research that concluded drones could damage the windscreens of helicopters.

In addition, a new drone safety awareness test means owners will have to prove that they understand UK safety, security and privacy regulations.

Drones represent an exciting opportunity for the UK, are already of substantial benefit to business and the public and are central to the government's Industrial strategy. They can help boost productivity and safety, aid the emergency services and bring pleasure to those who use them for fun. The government also plans to bring forward and expand the use of 'geo-fencing' in the UK that acts like an invisible shield around buildings or sensitive areas. The technology, which works on GPS coordinates, is built into the drone and stops it from entering zones such as prison or airport space.

In line with the government's 'Industrial strategy', will continue working with the Civil Aviation Authority (CAA) to help commercial drone users grow their

businesses by making sure measures are updated to reflect the needs of the emerging market worth over £102 billion globally.

Aviation Minister Lord Callanan said: "The UK is at the forefront of an exciting and fast growing drones market and it is important we make the most of this emerging global sector. Our measures prioritise protecting the public while maximising the full potential of drones. Increasingly, drones are proving vital for inspecting transport infrastructure for repair or aiding police and fire services in search and rescue operations, even helping to save lives. But like all technology, drones too can be misused. By registering drones, introducing safety awareness tests to educate users we can reduce the inadvertent breaching of airspace restrictions to protect the public."

These measures come after a consultation looking at ways to make drone use safer while maximising their potential. Findings by the Department for Transport (DfT), British Airline Pilots' Association (BALPA) and the Military Aviation Authority (MAA) published

today in a summary report, reveal drones weighing 400 grams could damage the windscreens of helicopters in particular. However, airliner windscreens were found to be much more resistant. It would take a heavier drone of around 2 kilograms to critically damage an airliner windscreen, and only if the airliner is flying at a high speed; not during take-off and landing.

The government worked with the CAA to develop a new drone code launched last year which has 6 key principles:

- always keep your drone in sight
- stay below 400 feet (120 metres) to comply with the drone code
- every time you fly your drone you must follow the manufacturer's instructions
- keep the right distance from people and property
- you are responsible for each flight
- stay well away from aircraft, airports and airfields



[1] This technology means that drones can be programmed to hover at the edge of zones unable to progress further or not to take-off within zones. Some manufacturers have already programmed their drones not to fly in sensitive areas but the government would like to reinforce this work.





# CRO occupations removed from CSCS Scheme

**The Construction Skills Certification Scheme (CSCS) is urging the contractors to stop turning away non-construction related workers without CSCS cards. CSCS cards are intended for construction related occupations only.**

Following discussions with industry experts and professionals, including CITB and employer representatives, it has been agreed that a number of CRO occupations are non-construction related and should be removed from the scheme entirely.

Amongst occupations removed from CSCS scheme are for instance: Domestic Roof Ventilation Installer, Hydraulic Pump Installer, Locksmith, Marquee Erector, Security Guard, Timber Frame Designer, Temporary Steel Bridge Installer, Cob Builder. A full list is available at <https://www.cscs.co.uk/resources/cro-occupations-removed-from-the-scheme/>

If non-construction related occupations are no longer issued with CSCS card, some workers will be arriving on site without a card. It is the responsibility of the site managers to induct non-construction related workers and escort them where appropriate in order that they can carry out their work safely on site.

CSCS Head of Communications Alan O'Neill said: "CSCS cards are intended for construction related occupations only. Due to the wide range of skills required on construction projects, there are

times when a worker arrives on site to perform a non-construction related activity, for example catering staff, delivering materials or cleaners. These individuals do not require a CSCS card and CSCS has stopped issuing cards for these and many other non-construction related occupations."

#### **Important facts:**

- **CSCS stopped issuing CRO cards from 31st March 2017**
- **CRO cards issued since 1st October 2015 will expire on 30th September 2017\***
- **CRO cardholders must take further steps to replace their CRO cards before they expire.**

\*For the avoidance of doubt, CRO cards issued before October 2015 will remain valid until their expiry date. All related occupation cards issued by the following Partner Card Schemes, SKILLcard (Construction Related Occupation), ECS (Related Disciplines), JIB-UK PHMES (Plumbing Related Occupation), will also remain valid until their expiry date. A full list of the Partner Card Schemes is available at [www.cscs.co.uk/about/partnercard-schemes](http://www.cscs.co.uk/about/partnercard-schemes).

Over 230,000 CRO card holders will be affected and in many cases they will be required to register for existing or newly developed qualifications or to move to one of CSCS's Partner Card Schemes that are more appropriate for their occupation. Some if their occupation is not construction related or no suitable qualifications exist, will not be required to register.

The decision not to issue CSCS cards for non-construction related occupations is a practical step towards achieving the Construction Leadership Council's requirements and ensures we are able to certify applicants to the scheme hold a construction related, nationally recognised qualification. This decision is also fully in line with the Build UK Training Standard.

If you will be refused entry on site due to lack of a CSCS card, please direct contractor to CSCS website. You can also contact CSCS directly at [customerservice@cscs.co.uk](mailto:customerservice@cscs.co.uk) or telephone 0344 994 4777 for further assistance. For more information on the withdrawal of the CRO card visit CSCS website.

(SOURCE: CSCS)

*In June, The Chartered Institute of Building (CIOB) has launched the scheme for conservation specialists.*



# CIOB

# Building Conservation Certification Scheme



## In June, The Chartered Institute of Building (CIOB) has launched the scheme for conservation specialists.

With 25% of the UK's building stock pre-1919 most construction professionals will work on historic buildings at some point during their career, which makes it vital in the public interest to have the right skills and competencies recognised.

"We need to hold onto our past and treasure it", said Rebecca Thompson CIOB President. She added: "Globally, people look to the UK for leadership on the art and science of conservation. We have a huge stock of old buildings that need to be maintained, adapted, restored and conserved and we must ensure that the industry has the right skills and that expertise is clearly benchmarked. The demand from clients and organisations in this space is for 'certified' experts and that is what our scheme provides."

There are three levels of competency within the scheme: Registered, Proficient and Certified, each with different entry requirements and a level-specific certificate.

CIOB Registered in Building Conservation which gives professionals with some experience and knowledge in the area of heritage and conservation recognition for their expertise. Each level offers different entry requirements and offers level-specific certificate.

For those with significant experience of traditional buildings including listed buildings and scheduled monuments there is the CIOB Proficient in Building Conservation level of competency. The final level is CIOB Certified Building Conservation Specialist which is for experts in the field with a deep understanding of the significance and historic value of buildings and the philosophy of building conservation. The scheme acts also a pathway for individuals who want to progress their career in this area as they gain additional qualifications and experience. The CIOB Academy has set out to support

the industry with its own two day 'Understanding building conservation' course which supports this scheme.

The Scheme is open to those who hold at least a NHC/HND in Conservation and have typically three years' relevant experience working in the following roles:

- Works Supervisors / Site Managers
- Building/ Quantity Surveyors
- Design Coordinators/ Managers
- Project/Construction Managers
- Facilities/ Estate Managers

For those without a HNC/HND in Conservation or three years' relevant experience, successful completion of the CIOB Academy Understanding Building Conservation course provides eligibility to the certification scheme.

**For more details on the CIOB Building Conservation Certification Scheme visit <http://www.ciob.org/ciob-building-conservation-certification-scheme>**



# BBA Accreditation for the construction robot

**Recently, the “SprayBot”, first construction robot received the BBA accreditation to work on the building sites. Manufacturer from London, firm Q-Bot said it invented the technology that is “making the retrofit of existing homes cheaper, faster and less disruptive while improving energy efficiency and the quality of construction work compared to the manual, labour intensive alternatives”.**

The SprayBot can be used in hard-to-access underfloor spaces and requires two skilled operatives to control and manage the installation. It can be used for installation of the underfloor insulation in old properties. This is new innovative service provided by a robotic device “Spray-Bot” which can crawl under floors and insulate it from below. It is often impossible for the human worker as the floor voids are typically 12 inches deep. It is a cost efficient method which speeds up the construction process as the existing floor boards do not have to be removed and reassembled. Working with the BBA, Q-Bot developed the detailed training program to ensure installers will be fully trained to work with “SprayBot”.

Insulation of the floor with the insulating material improves the energy efficiency of the building, improves air tightness, reduces heat loss and create warmer floors. Q-Bot’s patented technology uses a remotely operated robot to apply insulation below the floor what allows for quicker installation. The “SprayBot” is inserted into the void under floorboards by removing the external air brick. It surveys the space and creates a 3D map that allows for assessment and plan. Spray

system allows for the insulation material to be applied in layers of 100-150mm. The after work assessment is done to validate the area covered and thickness of the insulation. This method is non disruptive and allows for installation without removal of furniture and floorboards and no need to insert insulation panels.

Mathew Holloway, CEO of Q-Bot: “The award of the BBA Agrément Certificate demonstrates that Q-Bot’s process of insulating the floor is robust, meets all the requirements of the Building Regulations and can be consistently and reliably applied across millions of homes in the UK. The

unique solution allows the whole process to be recorded, complete with a survey of the area and depth of insulation to ensure the quality of the job done. The service will also have a fantastic impact on local communities, generating employment as well as reducing fuel poverty and CO2 emissions. The BBA Certificate will enable us to deliver these impacts at scale across the UK and overseas.”

To find out more about this cost efficient and high-performance technology visit [www.q-bot.co](http://www.q-bot.co)

*(Source: Q-Bot)*



# DELIVERY



**FREE  
DELIVERY\***

\* Terms & Conditions apply

*Purchase building materials  
for at least £180 net and get **free delivery**:*

*London (within M25)  
Birmingham (within M42, M5 & M6)  
Manchester (within M60)*



**Park Royal**  
18 Gorst Rd  
**London NW10 6LE**  
020 8965 7972  
sales@ibb.pl

**Croydon**  
ZK Park, Unit 6, 23 Commerce Way  
**Croydon CR0 4ZS**  
020 8680 9026  
croydon@ibb.pl

**Birmingham**  
425 Walsall Rd  
**Birmingham B42 1BT**  
0121 356 8655  
birmingham@ibb.pl

**Manchester**  
Unit 24, Piccadilly Trading Estate  
**Manchester M1 2NP**  
0161 375 1210  
manchester@ibb.pl





# London Build 2017

## 25th & 26th October 2017 London Olympia

**One of the most important events in construction industry, London Build is back on October 25th & 26th with more content, more networking and more entertainment than ever before, and you can sign up for a free ticket today at [londonbuildexpo.com](http://londonbuildexpo.com)**

More than just your standard exhibition, London Build features over 100 hours of CPD accredited content, to allow you to develop your own skills, including exclusive contract and tender announcements from the largest projects within London from the residential, commercial and infrastructure sectors. Gain access to endless networking opportunities, hundreds of facilitated one-on-one meetings to create new business, and live entertainment to ensure that you're having a great day outside the office.

Across the two days, London Build will see thousands of construction professionals, contractors, architects, developers, government representatives come to Olympia London to meet with over 250 exhibitors showcasing the very latest products, solutions, and technology across the sector.

150 top level speakers will be delivering exclusive content in what is the most diverse and progressive programme in the industry, covering topics such as BIM & Digital Construction, Off-Site

Construction, Sustainability, Skills, the Future of London's Construction Industry and much more.

The Department for International Trade, will also be on hand to provide expert one-to-one advice to help your company take a step towards growing your business abroad in our Export Hub.

A free ticket to the show will give you the opportunity to meet with all key players from the biggest construction companies, including Mace, Balfour Beatty, Crossrail, Arup, BDP, Atkins, Brookfield Multiplex, Taylor Wimpey, Tideway and thousands more!

"The adrenaline starts to pump and I get excited about London Build when I think of the people who will be there, hoards of them too! People from the construction sector's different disciplines, different trades, different suppliers and different associations, from different parts of the UK, and internationally, gathering in one place to meet and discuss with a passion their different perspectives, their different ideas and their different needs. And, of course, the differences that they can "bring to the party" to add value to the construction process. It all makes for a wonderfully energetic and highly interactive couple of days that produce moments at London Build's seminars, workshops and individual stands that are illuminating, captivating and quite often down right funny!

Fundamentally I love the event because you come away energised from networking with some really friendly, intelligent people, who together can inform one another of where the industry is right

now; where it is headed; and how you can play an integral part of that positive movement. Attending London Build is, most definitely, time well spent."

- MACE - ELVIN BOX, ASSOCIATE DIRECTOR - HEALTH & SAFETY

If you're looking to get more out of your visit, you could even upgrade to a VIP pass to our London Construction Leaders Summit. Meet with C-Level executives over our exclusive networking breakfast and lunch sessions. Access premium conference sessions throughout the day with speakers from the Department of Health, Kier Living, London Borough of Southwark, London Borough of Hounslow, Transport for London, and NHS Procurement among others.

The evening of October 25th will celebrate the most deserving companies in the industry at the 3rd annual London Construction Awards. Last year saw a range of companies winning awards for their dynamic approach to working in London. This year, at a ceremony presented by Canadian Comedienne Katherine Ryan at the Royal Garden Hotel, a host of companies will be receiving the plaudits of the industry having been selected by our elite panel of global construction experts.

For more details on visiting, exhibiting, or sponsoring London Build, The London Construction Awards, or The London Construction Leaders Summit, visit our website today at [www.londonbuildexpo.com](http://www.londonbuildexpo.com) or email [marketing@londonbuildexpo.com](mailto:marketing@londonbuildexpo.com).

***Book your free ticket and visit IBB Builders Merchant stand!***