

2017 Awards

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Formed in 1956 as the Farm Buildings Association, The Rural and Industrial Design and Building Association (RIDBA) is now the recognised trade association for the modern agriculture and industrial buildings industry representing contractors, fabricators, designers, surveyors, planners, manufacturers and colleges.

Whatever the project, from schools to barns, RIDBA members can provide quality workmanship and innovative solutions. The RIDBA Building Awards (previously known as the FAB Awards) celebrate the best in rural and industrial buildings delivered by members over the past two years, and this year we received a record number of entries. The 2017 finalists demonstrate the diverse range of projects that members are involved in, and the quality at which their work is finished to. RIDBA members are at the forefront of innovation, and show just what this industry can do.

Celebrating the best in rural and industrial buildings



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Note from the Chairman

What a year it has been for RIDBA; a new secretariat, registered as a company limited by guarantee, a rebrand, and celebrating 60 years as a leading association within the industry. It has been a pleasure to have been chairman of RIDBA throughout this change and I am absolutely delighted with the revamp of the FAB Awards. The RIDBA Building Awards 2017 have shown that we are continuing to grow as an association and the entries received have proven just what we are capable of achieving. The Overall Winner for 2017, the CUBRIC Building, has demonstrated just how a building can impact a community, and I am thrilled that it was a RIDBA member who was able to be a part of such a unique project.



I would also like to note the record number of entries we received this year, which just shows how much RIDBA members value the association. The entries also highlight the diversity of the projects that RIDBA members have partaken in. From primary schools and research centres, to stables and potato stores; we truly are a varied industry, and I am proud to be a part of it.

As part of our strategy going forward, we will continue to strengthen and grow as an organisation, and I cannot wait to see what the next year brings for our industry.

Finally, I would like to thank our sponsors, without whose support, this event would not have been possible.

James Anthony

The Judges



Martin Heywood
Head Judge

Dr Martin Heywood is RIDBA's technical consultant and is a specialist in the structural engineering of agricultural and industrial type steel framed buildings. He is the author of the RIDBA design protocol and initial sizing tables and is the chairman of the BSI committee for agricultural buildings B/549. He also represents the agricultural buildings sector on the BSI 'Actions' and 'Steel structures' committees.



Andrew Brown

Andrew is a LEAF Marque farmer and operates the Higher-Level Stewardship programme across his 252-hectare farm in Rutland. Andrew is a former High Sheriff of Rutland, a Member of the Institute of Agricultural Management, a Fellow of the Royal Agricultural Societies, and a Chartered Environmentalist.



Niresh Somlie

Niresh Somlie is a Principal Technical Officer for Exova BM TRADA. Exova BM TRADA is a Notified Certification Body under the Construction Products Regulation (CPR). In addition to managing the BS EN 1090 CE Marking Scheme for Structural Steel, Niresh also represents Exova BM TRADA on various European Committees and Sector Groups, such as Sector Group 17 (SG 17) for Structural Metallic Products.



Sarah Garry

Sarah Garry is the Skills Manager at Build UK. Sarah represents Build UK's members on all issues relating to apprenticeships, skills and training. This includes representation on a number of industry groups including the Construction Trailblazer Steering Group. Sarah has also led the development of Build UK guidance including the Training Standard and Trailblazer guidance.



David Collier

David Collier is a planning consultant specialising in rural projects. A former planning adviser to the NFU, he is a chartered planner and a Member of the British Institute of Agricultural Consultants.



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Overall Winner

CUBRIC Building, Cardiff

Shufflebottom

The CUBRIC Building in Cardiff city centre has been awarded Overall Winner for 2017 for the major impact it has had on the community and the world of science.

The complicated structure, resulting from the shape of the front of the building, impressed the judges, as did the building's sustainability credentials (BREEAM Excellent). This project overcame major challenges due to the building location and is a significant addition to the city. It is a worthy winner for 2017.

Highly Commended

Ancre Hill Winery, Monmouth

A.J. Lowther & Son

Ancre Hill Winery has been highly commended for its dedication to sustainability and the environment.

Everything about this building has been designed and built to minimise the impact on its surroundings, from the straw bale walls to the grass roof. This project deserves to be recognised for this innovative and unusual approach.

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Cattle



Winner

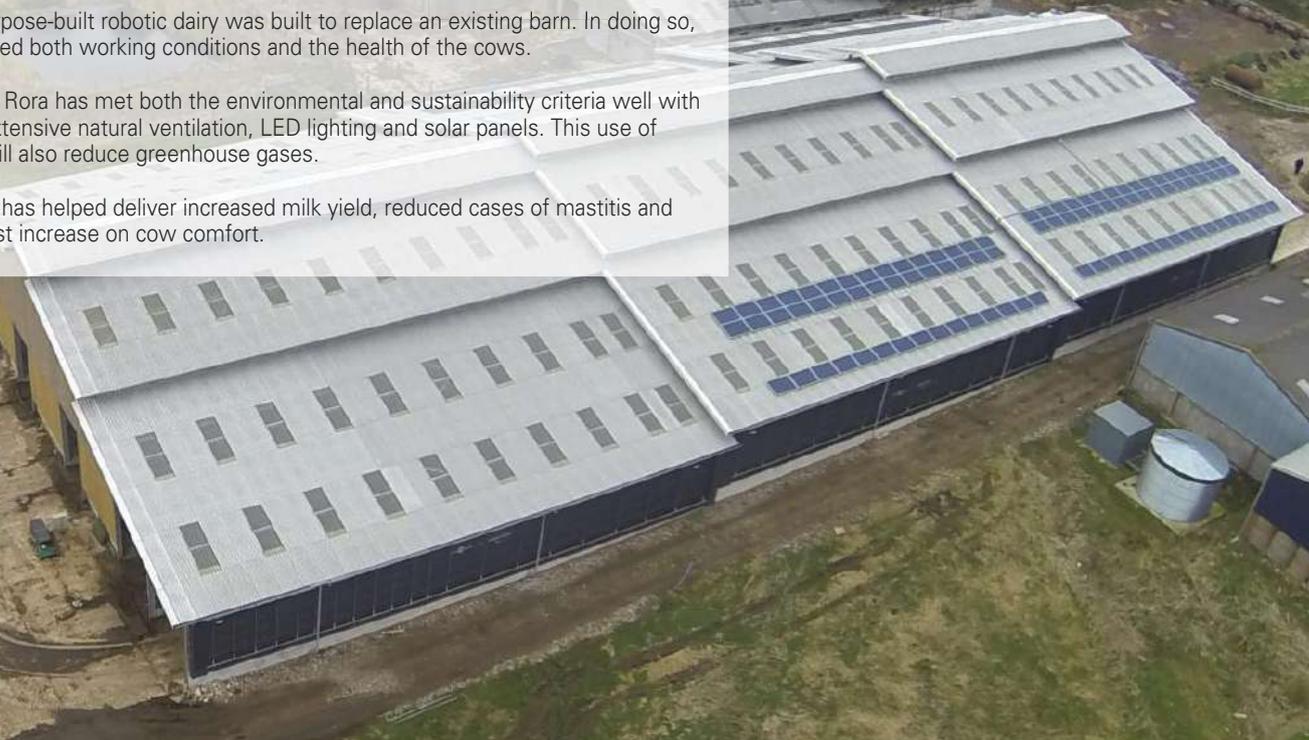
Middleton of Rora, Aberdeenshire

Shand Building Design

This new purpose-built robotic dairy was built to replace an existing barn. In doing so, it has improved both working conditions and the health of the cows.

Middleton of Rora has met both the environmental and sustainability criteria well with the use of extensive natural ventilation, LED lighting and solar panels. This use of ventilation will also reduce greenhouse gases.

This building has helped deliver increased milk yield, reduced cases of mastitis and has had a vast increase on cow comfort.



Shortlisted



Lilburn Estates

Company: Glendale Engineering
Location: Wooler, Northumberland
Completion date: November 2015
Description: Two cattle sheds



The Old Stackyard

Company: Paul Huxley Construction
Location: Llansaintffraid, Powys
Completion date: November 2016
Description: Cattle holding shed
Other RIDBA members involved: Cembrit, Thomas Panels & Profiles

Education & Research

Winner

CUBRIC Building, Cardiff

Shufflebottom

Shufflebottom provided the structural steel framework for the £50 million Cardiff University Brain Research Imaging Centre (CUBRIC) in Cardiff city centre. The building comprises 65,000 sqm of accommodation, state-of-the-art scanning and brain imaging facilities, clinical and behavioural testing suites, and office and research space.

Sustainability was an integral part of the design of this building (it achieved BREEAM Excellent) as well as its interesting and unique look. This project is an asset to the university and adds to the capability of the city. It shows just what this industry is capable of achieving; helping the university's ambition to be a world-leader in research and innovation.

Highly Commended

Isle of Ely Primary School, Cambridgeshire

A.C. Bacon Engineering

This new 630-place primary school in Ely has been highly commended for its unusual use of a steel frame. The roof lines, coloured glazing, terracotta tiling and the level of detail in the external works have created a great environment for teachers and children alike.

Shortlisted

Hills Road Sixth Form College

Company: A.C. Bacon Engineering

Location: Cambridge

Completion date: November 2015

Description: New Maths and Performing Arts block

John Ray Infant School

Company: A.C. Bacon Engineering

Location: Braintree, Essex

Completion date: September 2015

Description: New infant school



Winner

Pensthorpe Play Barn, Norfolk

A.C. Bacon Engineering

This new indoor playground has been recognised for its excellent attention to detail and dedicated craftsmanship. It is set in a wildlife centre and, as such, is inspired by vernacular agricultural buildings and enhances the rural setting. The environmental qualities are abundant with excellent daylight, natural ventilation, controlled sunlight and fitted with high thermal insulation. The judges also noted the use of rainwater to help water the surrounding plants.

This project has been built to inspire children and to teach them to care for the environment, as well as having pleasing aesthetics to fit into the surrounding environment.



Shortlisted



Kynren

Company: S & A Fabrications
Location: Bishop Auckland, County Durham
Completion date: July 2016
Description: Open air theatre and surrounding buildings for a spectacular night show
Other RIDBA members involved: United Products, Marley Eternit, Kingspan



Marrick Priory Archery Deck

Company: Yorkshire Steel Buildings
Location: Richmond, North Yorkshire
Completion date: November 2016
Description: Outdoor teaching facility for archery

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Storage

Winner

Stancil Farm, Doncaster

Timmins Engineering & Construction

Stancil Farm is a purpose-designed and built bulk potato store featuring PV panels on the roof.

The building was particularly challenging as the conditioning floor was a new concept using pre-cast concrete panels. A tight timescale was imposed by the client in order to be ready for the potato harvest meaning the contractor was working seven days a week.

The judges commended this project for its innovative floor and modern nature.



Shortlisted



Dalton Gates Farm

Company: S & A Fabrications
Location: Warton, East Yorkshire
Completion date: August 2016
Description: Grain store
Other RIDBA members involved: Steadmans



Featherstone House Farm

Company: Timmins Engineering & Construction
Location: Bilsthorpe, Newark
Completion date: October 2016
Description: Temporary cold store and packing line
Other RIDBA members involved: Wedge Group Galvanizing, Thomas Panels & Profiles, Tata Steel



Winner

Wales Air Ambulance, Carmarthenshire

Shufflebottom

A new airbase and headquarters has been built for the Welsh Air Ambulance service to provide space for two helicopters, a training facility, offices and living accommodation. This will save the charity £40,000 in fuel charges alone, as well as rent charges, and will make the charity run more efficiently in this future.

This project has overcome some difficult technical challenges and had a positive impact on society, adding real value to the local community and making it a worthy winner.

Shortlisted



Leighton Business Park

Company: Rose Engineering
Location: Shepton Mallet, Somerset
Completion date: November 2015
Description: New transport depot
Other RIDBA members involved: Tata Steel, Thomas Panels & Profiles



Richard Designs

Company: A.C. Bacon Engineering
Location: Ely, Cambridgeshire
Completion date: August 2016
Description: New retail building



Little Kelham

Company: Marley Eternit
Location: Sheffield
Completion date: April 2016
Description: New low carbon housing development



Winner

Ancre Hill Winery, Monmouth

A.J. Lowther & Son

This new winery for the production and storage of wine has been built with one thought in mind – sustainability.

Commitment to the environment can be seen in all aspects of the project. The walls are built from straw bales, and a new method had to be developed for tensioning and compressing the bales to the correct degree. The building was dug into the slope of the vineyard and designed with a sedum roof so that the visual impact on the landscape was minimal.

The vineyard is run on a biodynamic regime, and this build has definitely proven the clients ambition to be 'beyond organic'.



Shortlisted



Galvanising Plant Refurbishment

Company: A.J. Lowther & Son
Location: Stoke-on-Trent
Completion date: 2016
Description: Refurbishment of existing galvanising building
Other RIDBA members involved: Filon Products



Linx House

Company: A.C. Bacon Engineering
Location: St Ives, Cambridgeshire
Completion date: February 2015
Description: New offices, warehouse and laboratories for Linx Printing Technologies
Other RIDBA members involved: Kingspan



Great Dunmow Waste Transfer Station

Company: A.C. Bacon Engineering
Location: Great Dunmow, Essex
Completion date: November 2015
Description: New build five-door waste transfer station

Equestrian

Winner

Rathmoy Stables (American Barn), Newmarket

M.D. Anthony

Rathmoy Stables is a high quality build project, comprising two identical barns each housing 18 boxes with a central tractor way.

The main challenge was the demanding client having requirements above and beyond the norm. The site was adjacent to Newmarket racecourse which meant that during the build extra precautions had to be taken with noise and tidiness.

The high detail finishes, such as the slated roof and vented turrets have not only helped with the environmental qualities, but added to the pleasing aesthetics.

Highly Commended

Houghall College Equestrian Centre, Durham S & A Fabrications

This equestrian centre was built as part of a £12.5 million development of East Durham College's Houghall Campus. Complex foundations were required due to the location of the site, with 500m³ of concrete having to be laid. With specially-designed ring beam foundations, this project has been recognised for the innovative problem solving.

Shortlisted

Green Oaks



Company: Yorkshire Steel Buildings

Location: Catterick, North Yorkshire

Completion date: March 2016

Description: New build and refurbishment of ex-county farm into a new racing yard

Other RIDBA members involved: Briarwood Products, Steadmans

Rathmoy Stables (Ring)



Company: M.D. Anthony

Location: Newmarket

Completion date: Spring 2016

Description: New covered racehorse training facility

Other RIDBA members involved: Wedge Group Galvanizing, Tata Steel



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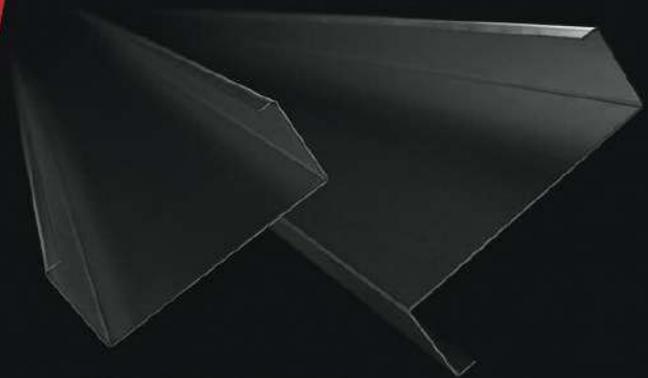
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Training

Winner

A.C. Bacon Engineering



A.C. Bacon has been awarded the Training Award for their commitment to training with an average of 2.5 courses or qualifications per person per year. They have a real investment in trainees, apprenticeships and upskilling some of their professional staff, which will benefit the industry and not just the company.

They have received the CSCS Platinum logo for having over 90% of their staff CSCS trained and have estimated 2000 hours were invested in training for 2015/16. A.C. Bacon has shown to be a leading example in the industry for qualification of the workforce.



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Kingspan would like to thank the RIDBA membership for their ongoing support and look forward to working with the membership in the future.

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