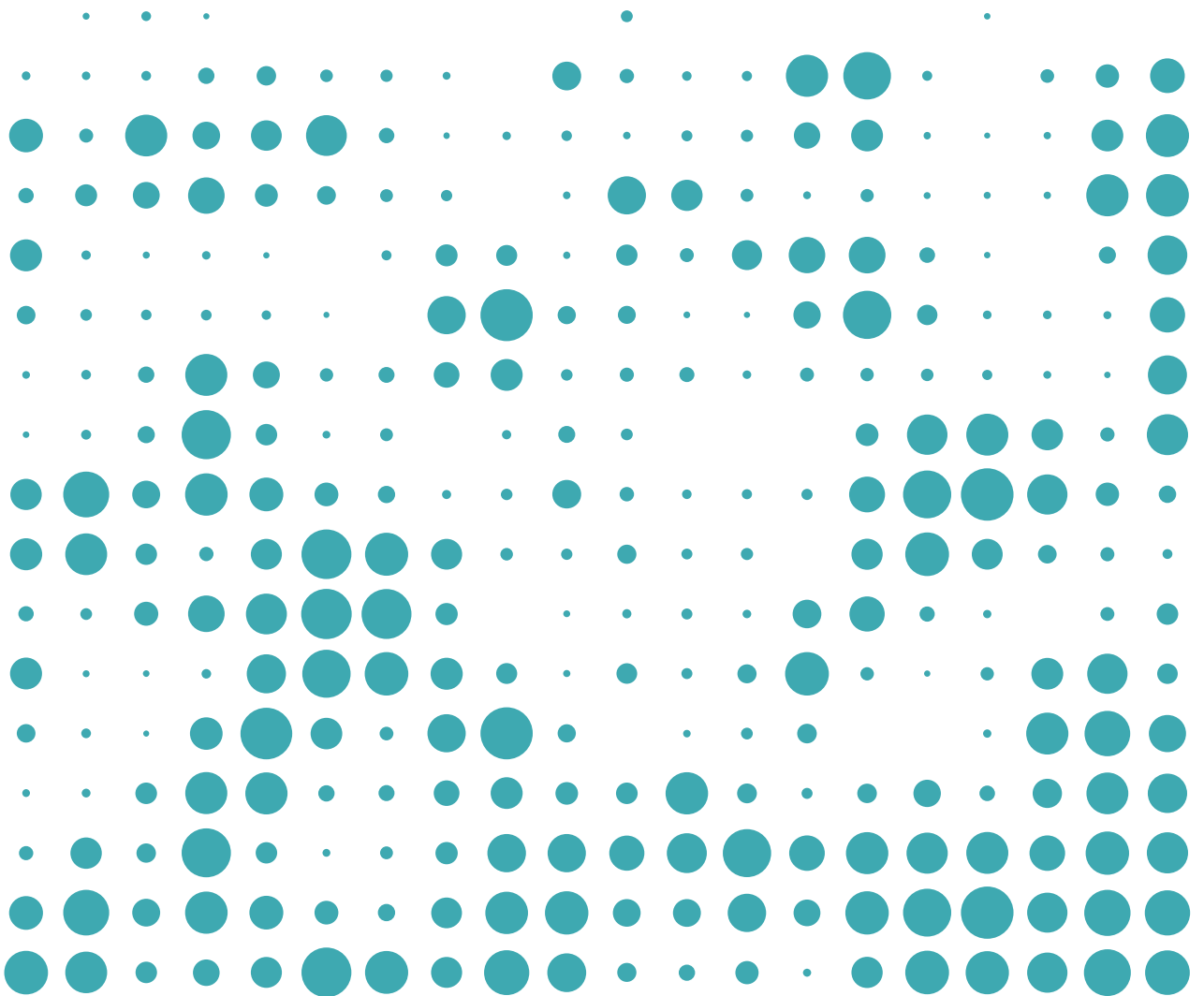


UK BIM Alliance

Annual Report 2019



Written by:
Anne Kemp, Casey Rutland Pam Bhandal, Stephen Holmes, Andy Boutle, Sarah Davidson, Shaun Farrell and Elaine Lewis

FOREWORD

As I write this, we are all living and working in a way none of us could have anticipated just 3 months ago. For all of us it has been disruptive. But for many, the surprise has been just how much digital ways of working have helped - and how quickly and effectively they have been adopted.

There can be little doubt that as restrictions lift, we will discover a “new norm”. Quite what that will be is still very much a matter of conjecture, but one can only hope that we won’t forget some of the benefits that have emerged from staying at home, whilst not forgetting the hardship and suffering that has been endured.

For the UK BIM Alliance, the message we are consistently hearing is that we need to keep up momentum, extend our reach far and wide across the built environment, and help elevate understanding of managing information with the end in mind. Our focus continues to be on Engagement and on Implementation. Key highlights have been the launch of the UK BIM Framework in the autumn 2019 along with BSI and CDBB, and the comprehensive development of the Guidance, which has been such a herculean task with involvement of many volunteers.

I can’t thank enough all the people who have been leaning in to help these endeavours:

- the Exec who work in the background to keep the wheels of the Alliance turning;
- the Communities Leads who are continually challenging and exploring how to reach out to a much wider and vibrant network;
- the Patrons, Sponsors and Affiliates who help us deliver on our mission;
- the many people who have been contributing to development of the Guidance;
- the many people who have provided feedback and challenge - with positive suggestions for improvement.

Thank you.

How ever your lives evolve as we move forward now, I hope you are able to:

STAY SAFE, STAY ENGAGED, STAY INSPIRED



Dr Anne Kemp
OBE

Anne Kemp, UK BIM Alliance Chair

VICE CHAIR COMMENTS

With ever-increasing optimism, the UK BIM Alliance continues its growth and commitment to the industry whilst being guided by the core principles of good governance: integrity, transparency, accountability, and proper supervision.

Our organisational structure continues to be strengthened by the dedication of influential industry professionals, ensuring that we deliver a high level of service to our stakeholders with a view to reaching the entire built environment industry. I am grateful to my predecessor Martin Penney for all his hard work ensuring the UK BIM Alliance is set on a stable platform.

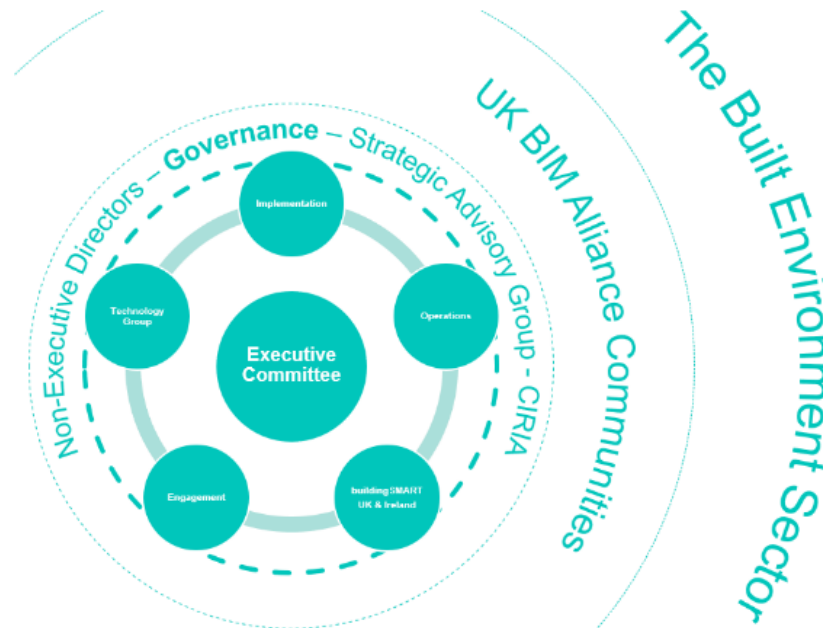


Figure 1 UK BIM Alliance Governance Layers

Activities during 2019 have been overseen through our usual channels: the Executive Committee, the UK BIM Alliance Forum, the Strategic Advisory Group and CIRIA, as our legal entity providing the consolidated financial statement.

The workstream leads and co-leads meet every month with the Chair, Vice Chair, and Non-Executives to review, plan and monitor projects related to Engagement, Implementation, Operations and the Technology Group, planning work and schedules for the next 2 -3 months against the strategic direction.

We are grateful to our Non-Executive Elaine Lewis -and look forward to the appointment and on-boarding of our new Non-Execs who will be announced shortly.

Individual reports for Engagement, Implementation, the Technology Group and Operations are provided below along with operational financial metrics. Highlights from 2019 include the initial publication of the well-received ISO19650 Guidance documentation and two subsequent editions offering more topic guidance with each release, directly helping the adoption of BIM principles, good practice and wider efficient digital transformation across the industry.

Additionally, the creation and launch campaign of the UK BIM Framework in cooperation with the British Standards Institution and the Centre for Digital Built Britain has been enabled through a tripartite legal agreement.

To sustain and extend our activities over the coming year, we are targeting greater external resources support, funding and revenue generation, to enable us to engage a far greater representation and percentage of the industry, and to drive forward more support for upskilling and implementation of BIM across the industry. In relation to this, we are actively pursuing strategic partnerships with various organisations to both reach a wider audience and to help the UK BIM Alliance with its capacity to generate revenue.

Currently the Executive and sub-committees are pro bono and do not receive any financial remuneration. We rely solely on patrons, goodwill and volunteer charity. It is our long-term aim to evolve to a more sustainable and commercial footing, to ensure the longevity of the Alliance to continue the good work that the Executive and wider community is currently delivering.

We always need your help, experience and input, if you think you can offer help in the running of the UK BIM Alliance, we would be very pleased to hear from you. We feel that through the hard work undertaken to date, our presence is growing and our influence helping many in the industry. We look forward to working with you all and building on these great achievements in 2020.



Casey Rutland

Casey Rutland, UK BIM Alliance Vice Chair

NON-EXECUTIVE DIRECTOR COMMENTS

After 12 months as a Non-Executive Director for the UK BIM Alliance It seems like a good moment to report on activities for the year and for me to reflect on the role and what I have learned as a result.

About the Role

When I was approached in November 2018 to consider becoming a Non-Exec, the role was explained as an opportunity to contribute to the strategic development of the UK BIM Alliance. The key focus of this senior industry Executive level role is about providing independent support, challenge and strategic planning at board level. It has also been an excellent chance to work with the bright and committed Executive team that aim to help the built environment digitise and grow. As there is no operational management role requirement, I have been able to commit without a significant overhead to my time whilst running Cadventure.

Responsibilities

My responsibilities are to ensure appropriate professional governance of the UK BIM Alliance. By providing independent support, advice and challenge on Alliance direction, I can make sure that all legal and financial obligations are being met. Whilst my commitment is to attend the quarterly strategic meetings I have chosen to attend as many operational Exec meetings as I can. This is so that I can learn about the activities and challenges that we face and offer industry-specific and relevant business experience and insight to relevant Board matters.

It is also my opportunity to use my network to play a key role in building strategic relationships within client and stakeholder organisations in the course of my normal business activities.

As a critical friend to the Executive Team I am available to act as a sounding board and provide leadership and expertise to team members as required, operating in line with the UKBIMA Terms of Reference, processes, policies and standards.

Representing the UK BIM Alliance

Part of the role afforded me the opportunity to represent the Alliance as a Judge at the European Women in Construction & Engineering Awards (WICE 2019). This was tremendous fun and hard work as each submission had to be carefully assessed and scored according to a stringent framework. All I can say is that I was bowled over by the quality and commitment of the nominees which made the task of selecting the winner all the more challenging.

So what about you?

I have learned that the UK BIM Alliance is so much more than the Executive Team who volunteer so generously their time for us all. It is far more about the Regional and BIM4 groups who reach out across the country at a grass roots level within our industry. It is about all those people who volunteer their time and expertise in helping us deliver projects to support digital transformation. Fundamentally it is all about you!

If you are reading this report, the chances are you have significant professional experience working in the built environment along with in-depth knowledge of your sector and a desire to make BIM and Digital Transformation open and accessible, so that it becomes "business as usual".

So please reach out to the UK BIM Alliance and offer your services where you can.



Elaine Lewis

Elaine Lewis, Non-Executive Director UK BIM Alliance

IMPLEMENTATION

2019 to date

The Implementation team supported a number of projects during 2019 including:

1. **The BIM maturity and benefits measurement research project.** This project was led by a team from Northumbria University and findings were published in April. This now sets the platform for further exploration around the adoption of the UK BIM Framework.
2. **This is Change** - an event led by Robert Toon of ISG (previously at Kier) to provide a broad view of the challenges the industry faces whilst celebrating the work done on a daily basis. Rob's ambition for This is Change is a series of short, sharp informative discussions.
3. The ongoing development of the ISO 19650 guidance part 2 covering processes for project delivery. This is a significant project which will continue to run throughout 2020. The guidance, which should be read in conjunction with the ISO 19650 series, is a truly collaborative effort and the UK BIM Alliance is very thankful for the commitment and expertise offered by all those people and organisations involved
4. Exploration of **individual certification** for practitioners in the UK in conjunction with Man and Machine, BuildingSMART and UCAS

The UK BIM Alliance continues to work in partnership with the Centre for Digital Built Britain and the British Standards Institution in supporting projects.

We are also pleased to confirm that an ISO 19650 compliant information protocol will be released in Q2 2020 in partnership with the CIC.

Plans for 2020

2020 got off to a great start for the Implementation team. In Q1 we secured new co-leads Ashley Murray of McLaren Group, William Baker-Jones of Kier and Varun Soni of Calford Seaden.

Ashely, William and Varun will work with me to support projects coming through the Implementation team.

Following on from the work that we started in 2019 we will be looking at how we can further streamline the project proposal process and we will explore a more strategic call approach to projects.

As well as encouraging and supporting new projects, our plans for 2020 include:

- Collaboration with BIM4 Housing Association group on their project to accelerate the adoption of the UK BIM Framework
- Release of the ISO 19650 compliant information protocol
- Release of the fifth edition of the ISO 19650 Guidance Part 2 Processes for Project Delivery and the third edition of the ISO 19650 guidance Part 1 Concepts

- The first release of the ISO 19650 Guidance Part 3 Processes for the Operational Phase of the Asset
- Continuation of individual certification working with Man and Machine

We continue to welcome all feedback to the developing guidance and look forward to new projects coming through the Implementation team throughout 2020.



Sarah Davidson

Sarah Davidson UK BIM Alliance Implementation Co-Lead

ENGAGEMENT

Engagement is all about driving the awareness of the UK BIM Alliance's aim of making BIM business as usual. Engagement aims to:

- Ensure consistent, aligned messaging promoting BIM across all media channels helping to increase the drive for industry transformation.
- Position the Alliance as the go to portal for information, support and guidance.
- Nurtures and supports the 'face' and 'voice' of the Alliance.

Communications

Our social media accounts (Twitter & LinkedIn) were managed by Pam Bhandal with occasional support from Shaun Farrell, Andy Boutle and Paul Wilkinson at live events, throughout the year.

	2018	2019
Twitter	3533 followers	5001 followers
LinkedIn	1126 followers	4023 followers

No pro-active work has been done with press specifically, however the following news alerts were sent out to press:

- Information Management according to BS EN 19560 - Guidance Part 1 and 2
- Elaine Lewis becoming Non-Executive Director
- Anne Kemp being awarded an OBE
- New Vice Chair Casey Rutland
- Launch of the UK BIM Framework

A monthly newsletter was published throughout January to December 2019. The number of subscribers to the newsletter has grown from 703 to 1022. The newsletter includes information on upcoming events that members of the Alliance Executive Team speak at, events that the Communities groups host, dates of upcoming meeting such as the Alliance Forum as well as updates from both the industry and the latest work by the Alliance.

Website

The new UK BIM Alliance website was launched on 15 April and is updated by Pam Bhandal when needed. The website continues to be a central point of communications and a signposting site linking to other resources.

Some highlight statistics:

- 14,482 unique visitors to the UK BIM Alliance website with 17,494 hits
- Most viewed page is the Home page
- UK BIM Framework is the most popular news item
- Followed by the Information Management According to BE EN ISO19650 page
- Visitors from over 100 countries with 49.8% from the UK, 14.25% from the US and Germany and Ireland being 2.4% and 2.38% respectively
- Chrome is the most popular browser at 52.31% with Internet Explore at 17.53%
- 75.44% of visitors use their desktop, 22.07% their mobile & 2.49% a tablet

Website - UK BIM Framework

With the launch of BS EN ISO 19650 and the move away from BIM Level 2, it was decided to develop the UK BIM Framework - the overarching approach to implementing BIM in the UK.

With a planned launch event for October at Digital Construction Week, Pam Bhandal from the UK BIM Alliance and Cassio Trevisani from BSI, with support from Kate Burnett at CDBB created a brand new website www.ukbimframework.org which has replaced the existing <https://bim-level2.org/> website.

Events

The Alliance initiated a Roadshow in 2018 that continued through 2019 with the aim of taking the message of the Alliance outside of London. With the support of the BIM Regions community groups we managed to host an event in the cities below:

Nottingham

Newcastle

Edinburgh

Wales

The Alliance was involved in a number of key events namely BIM Show Live, GeoBusiness, Digital Construction Week, London Build, Digital Construction Live, CITA BIM Gathering and the Water Equipment Show. We either had a stand, speaking slots or organised theatre programmes.

Events attended included the Product Data Workshop hosted by BRE, Future Build, Digital Construction Summit NxtBld, Connect & Construct, ISO19650 Launch, COMIT 2019, BIM in Practice, Digital Construction Summit, National Digital Twin Day, CIB CDBB Week and the BESA National Conference.

The Alliance and CDBB have forged an even stronger relationship and a representative of the Alliance Executive Team attended each of the roundtables that were hosted by CDBB including Technology, Clients, Contractors and BIM Consultants.

As the Alliance we ourselves hosted the following meetings:

- Technology Group x 4
- Executive Team x 12
- BIM4Clients x 4
- Engagement/Communities/Affiliates x 4
- Strategic Advisory Group x 4
- UKBIMA Ambassadors x 4

Alliance Forum

We hosted a quarterly Alliance Forum on 19 March, 26 June, 25 September and 11 December. In March we had Paul Dodd from the Scottish Futures Trust update the forum on their recent activities. Andrew Johnson, a recently retired Army officer, shared his experience of using BIM out in the field.

In June Alexandra Bolton from CDBB gave us an update and talked through some of the recent reports such as the Gemini Principles. There were also presentations from Allister Lewis about the Association of Design Data; Jamie Mills talked through the work of BIM4Water and Rob Toon talked about a new type of event 'This is Change'.

In September Fred Mills from theBIM talked about Digital Construction in the Future and Casey Rutland was welcomed as the new Vice-Chair and shared his thoughts on the direction of the Alliance.

The final Alliance Forum for 2019 included a presentation from BIM4Design and we hosted a 'Back to Basics' BIM quiz. At all of the forums Anne Kemp provided a "view from the bridge", with updates in addition from the Implementation and Engagement teams.

Affiliates

The work stream previously known as Industry Organisations has been rebranded to Affiliates. The aim of the Affiliates programme is to work across the silos of the professional institutions and trade associations to help increase the Alliance's reach for aligned and consistent messaging and to affiliated organisations for BIM related activities. The Affiliates leadership team have met a number of times and created an Affiliates package which sets out what the Alliance can offer an organisation to become an affiliate and what the Alliance would like in return. By the end of 2019 we managed to connect with representatives from the key professional institutions and trade associations and gain their commitment to attend a briefing event on 6th Feb. The leadership team continue to work hard on securing agreements with these organisations as well as expanding the programme to include others.

Communities

Community co-leads Jill Guthrie and David Owens worked on getting the BIM4 Groups and BIM Regions to work closer together.

As a reminder the BIM Regions, BIM4s and other BIM related Special Interest Groups (SIGs) form the collective known as the UK BIM Alliance Communities. Communities are the foundation of the Alliance and the core operational focus of our Engagement stream.

A survey was created by the co-leads to find out what support was needed. These findings were discussed at the Communities Chairs' meeting held on 26 June before the Alliance Forum. Lots of informative discussions took place with ideas being shared by all attendees.

Activity paused towards the second half of the year due to bandwidth. It was recognised that two people couldn't deliver what was needed so a Communities Leadership team was set up. Eight individuals came together to form the new Communities Leadership team towards the end of 2019 to form a plan of action for 2020 with the first meeting for all Communities chairs on 17 January.

To show better alignment between the Regions and the Alliance it was decided that a re-branding exercise was needed. New logos were created, along with Alliance email addresses for all BIM Regions to be known as UKBIMA regions using UKBIMA as preface to their region, for example BIM Regions South West became UKBIMA South West and BIM Regions Scotland is now known as UKBIMA Scotland.

Ambassadors

Our Ambassadors are made up of people in the industry with a high profile that are recognised for being expert, proactive and are actively driving digital transformation within their organisations. We have eleven Ambassadors who have been actively supporting the Alliance. A number of the Ambassadors have attended events and delivered presentations on behalf of the Alliance. They also talk about the Alliance when attending and speaking at events as part of their day jobs.

A list of the current Alliance Ambassadors can be found on the [website](#).

Technology Group

At the end of 2019 we had 14 members of the Technology Group, which met four times in 2019.

1. The first of these meetings had guest speakers Trish Massey and Marzia Bolpagni. Trish talked about Product Data from a CEN perspective and Marzia took us through level of information need.
2. Matt Crunden from the Product Data Working Group presented the feedback received from the 'A Fresh Way Forward for Product Data - State of the Nation' report.
3. At the July 2019 meeting, Mark Enzer, chair of the CDBB's Digital Framework Task Group, delivered a presentation on digital twins to the group which created lots of discussions and follow-up actions. Dan Rossiter also presented on digitisation of standards. Following the July meeting, Paul Wilkinson took over from David Glennon as chair of the Technology group.
4. The November 2019 meeting featured a presentation on the latest editions of the ISO 19650 guidance documents from David Churcher. As the 2nd edition of Pt 2 now included a substantial section relating to common data environments (CDEs), there was discussion about data exchange between different vendor CDEs and about guidance on CDE implementation. Both topics will be pursued in early 2020, along with discussions of interoperability.

Technology Group members are regularly updated by Anne Kemp on international standards developments and other relevant industry initiatives and are briefed on Alliance engagement activities. At the invitation of the Alliance, representatives of the Group have spoken at industry events. A 2020 objective is to expand the Technology Group so that its membership embraces a broader range of technologies.

An up-to-date list of our Technology Group members can be found on the [website](#).

Patrons

There were a few changes with our Patrons in 2019 where a couple didn't renew their patronage due to internal budgets. However, with the continued support of the rest, we were able to cover all costs - see operation reports for more information.

To date we have 23 Patrons and hope to announce more throughout 2020.

A list of our patrons and details on how to become a Patron can be found on our [website](#).

Supporters

These are companies/organisations that are allowing us to use their meeting rooms at no cost and/or are supporting their employees to contribute time to the Alliance.

We currently have 12 supporters with more coming on board. The current list can be found on the [website](#).

Next Steps for Engagement

Co-Leads Pam Bhandal and Andy Boutle have created an Engagement plan to support the goals of the Alliance along with an accompanying budget. This plan includes marketing and publicity requirements, key events and speaking engagement, a stakeholder engagement plan and to continue the maturity and outreach of our communities.

Engagement are also responsible for the updating, reporting and management of the UK BIM Framework website and social media - a plan between CDBB, BSI and the UK BIM Alliance is being formulated and will in parallel with the Alliance comms plans and guidelines.

Engagement will also take over the management of Patrons - ensuring invoices are managed with the support of CIRIA and liaising with the Patrons directly.

All events, tradeshow and speaking engagements will continue to be managed by Engagement along with the scheduling of BIM4Clients, Ambassadors and Strategic Advisory Group meetings.

The quarterly Alliance Forums event will be organised with the newly formed Communities Leadership group ensuring the Communities Group are core the events.



Pam Bhandal



Andy Boutle

Pam Bhandal & Andy Boutle, UK BIM Alliance Engagement Co-Leads

BUILDINGSMART UK & IRELAND

The UK BIM Alliance is the UK & Ireland Chapter of buildingSMART International which has its own workstream driven by international cooperation to create open standards for our industry.

I'd like to thank the former Chair, David Glennon, for his hard work in supporting buildingSMART UK & Ireland and flying the flag internationally. Since taking over the role of Chair in November, the focus has been on creating a resilient and robust reporting structure (about new international standards creation, extensions and new work process definition etc) to the UK BIM Alliance Executive Committee and to promote greater activity to ensure industry awareness and input.

The chapter committee is growing to ensure the workstreams governed by buildingSMART International include UK & Ireland representation, and have been planning a strategy on how best to create a more active, engaged community.

With a four-pronged approach, we aim to create a chapter that is vast, vibrant, vital and valuable. We will aim to bring advice and guidance to the industry masses (rather than the specialists) about OpenBIM and interoperability, drawing upon international efforts and transforming the technical into the practical for grass-roots adoption.

Vast. Vibrant. Vital. Valuable.

Awareness
Engagement
Communication
Commitment

Encouragement
Applicable
Support
Enthusiasm

Being productive
Meeting industry needs
Having a voice
Concise

Represent the UK& Ireland
Targeted involvement
Timely advice
Not just for 'experts'

The chapter will host dedicated sessions at each of the core UK BIM Alliance Forum events with discussion and presentations focussed on real-world implementation of OpenBIM processes and standards.

Throughout 2020, we will work with UK industry volunteers with specialist domain or technical knowledge to assign representatives from the UK & Ireland to engage at international level in the various standards and buildingSMART 'Rooms' discussions. Room representatives are required in the following areas:

1. Airport
2. Building
3. Construction
4. Infrastructure
5. Product
6. Railway
7. Regulatory
8. Technical

These efforts will create a vibrant community of experts that can ensure the needs of UK & Ireland industry are catered for in upcoming standards and processes as it continuously evolves.

The chapter is also required to focus on implementing the personal certification scheme through buildingSMART International with dedicated UK & Ireland content (to match the UK Annex of ISO19650) which is in its closing stages of approval.

All in all, we look forward to much greater visibility, increased awareness, deeper industry engagement and offering valuable resources to support the UK & Ireland's current and future interoperability needs.



Casey Rutland

Casey Rutland, buildingSMART UKI Chair

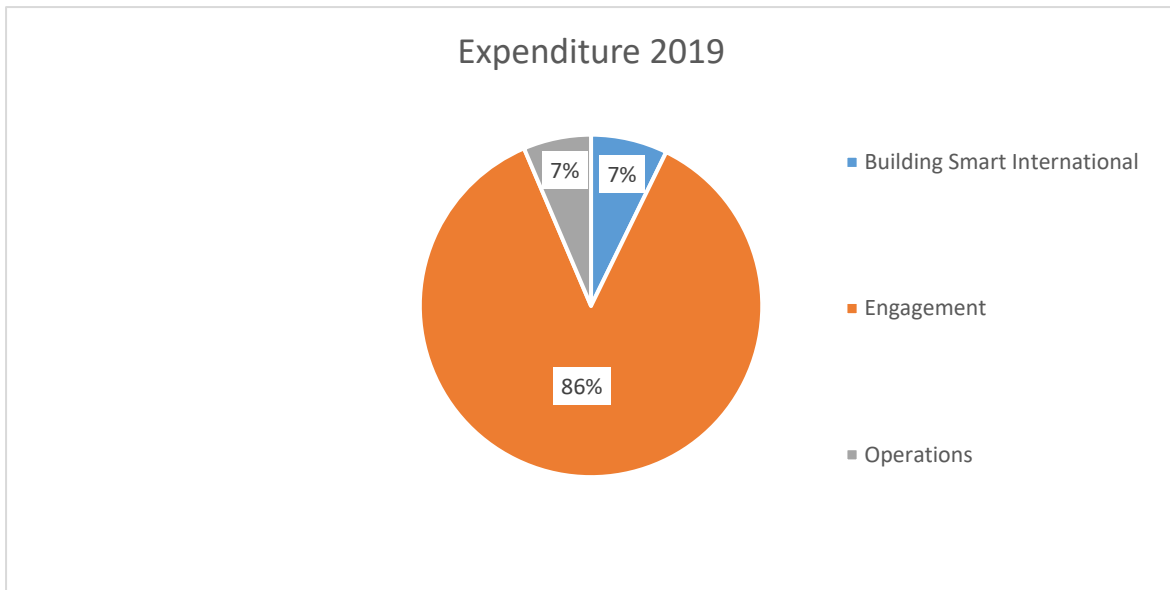
OPERATIONS

Financial End of Year Summary 2018 -2019

INCOME	AMOUNT
Additional donations	£5 000.00
Bronze and SME patronage	£11 600.00
Gold patronage	£79 100.00
Platinum patronage	£10 000.00
Additional funding through buildingSMART International membership	£15 075.00
TOTAL	£12 0775.00

EXPENDITURE	AMOUNT
buildingSMART International	£7 826.24
Engagement	£96 362.36
Operations	£6 923.70
TOTAL	£108 112.34

SUMMARY	AMOUNT
Balance carried forward UK BIM Alliance 2018	£53 175.00
Patronage, donations and buildingSMART membership income	£120 775.00
Expenditure	£108 112.34
YEAR TO DATE BALANCE	£65 837.66



CDE UPDATE

Our focus has been establishing the working methods and procedures for the UK BIM Alliance workstreams across Operations, Finance, Engagement including communities, affiliates and ambassadors, Executive Board and Implementation including future projects.

We have a multi-platform approach using Slack, e-mail, Microsoft Teams and the GliderBIM CDE. We are working with all stakeholders and Glider to continually evolve and improve our processes.

Next Steps for Operations

We have a robust and transparent financial footing, with oversight through the Alliance Finance Committee and the Executive Leadership. We continue with the backing of our legal entity CIRIA who process our day to day financial transactions and they themselves are independently audited.

Operationally we continue to run on a lean budget focusing expenditure on engaging with industry and continued outreach promoting BIM Process and Digital Transformation. We maintain our funding through the support of our Patrons both directly and through their membership of BuildingSMART International and their nomination of support for the UK and Ireland Chapter which the Alliance operates.

Co-Leads Stephen Holmes and Shaun Farrell continue to manage the operational activities, supported by a number of individuals, helping to keep the UK BIM Alliance running. This includes secretariat services, back office systems, logistical support for conferences, website hosting and our Common Data Environment using GliderBIM.

We are maintaining our existing ukbimalliance.org website, as well as the tripartite ukbimaframework.org website in collaboration with CDDDB and BSI. The UK BIM Regions websites have recently been merged in with the UK BIM Alliance website and we have established new email and Microsoft Teams working areas for the new regional structure to strengthen their identity with the Alliance and its outreach programme.

With the launch of the personal certification programme for BuildingSMART this year we will be coordinating the operational side of this.



Stephen Holmes



Shaun Farrell

Stephen Holmes & Shaun Farrell, Operations Co Leads

The details in this Report are for general information only and the UK BIM Alliance make all reasonable efforts to ensure the information is accurate at the time of publication. The UK BIM Alliance does not assume any liability for its contents.

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Operations - Stephen Holmes & Shaun Farrell | operations@ukbimalliance.org

GET INVOLVED

UKBIMA Channel on slack | <http://bit.ly/joinUKBIMAslack>

Newsletter sign-up | <http://bit.ly/UKBIMANewsletterSignup>

UK BIM Alliance YouTube | <http://bit.ly/UKBIMAYoutube>