

Benefiting from BIM Level 2

Enabling your business to operate, deliver and perform better

Based on UK and ISO Standards



About BIM

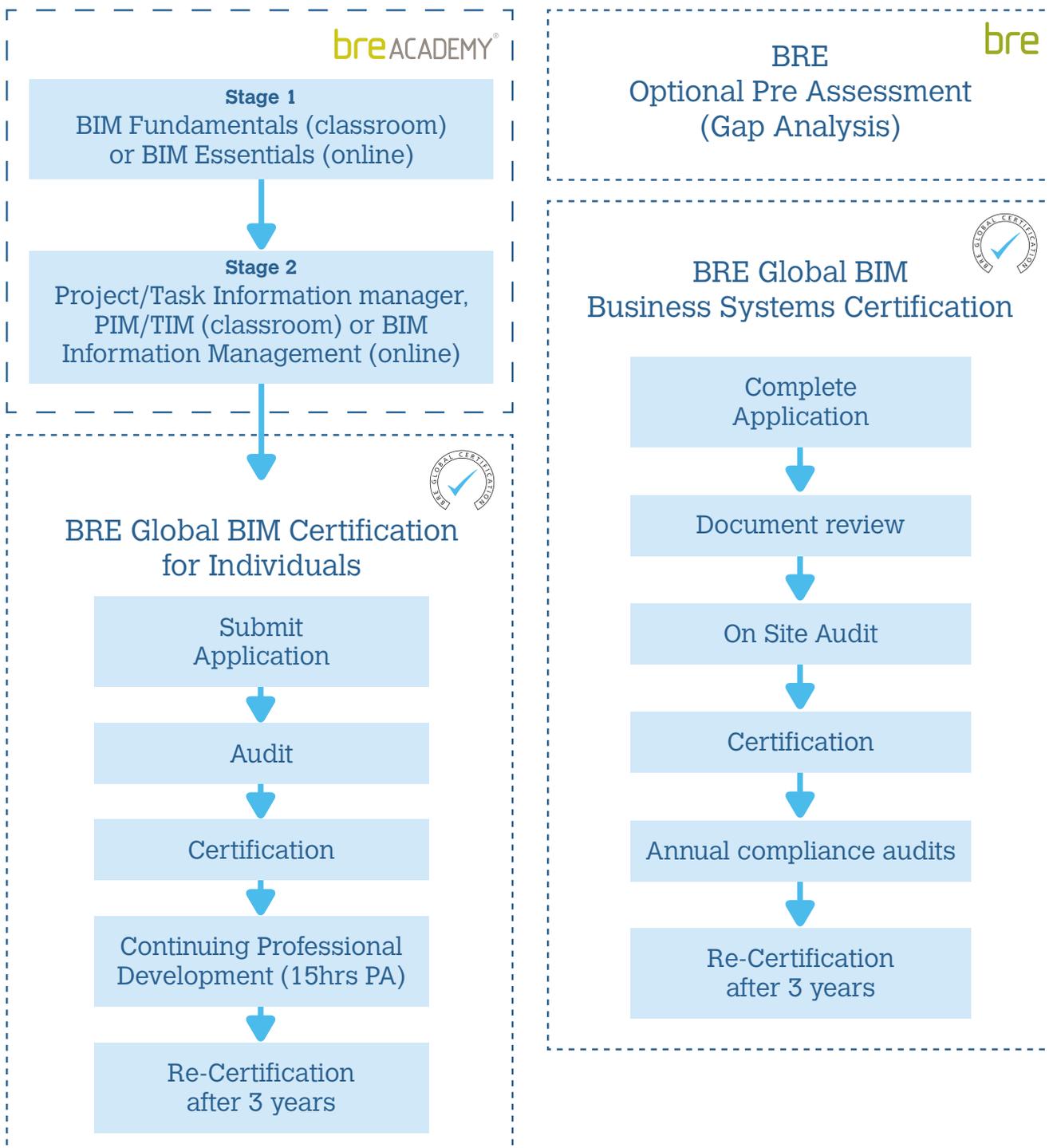
Building Information Management (BIM) utilises information-rich 3D models through a collaborative working processes in order to eliminate waste and improve the quality of information provided at the design and construction phases. BIM also provides the opportunity to deliver structured information for asset models which can then be utilised through an agreed process to inform FM systems.

In response to the successful use of UK and International BIM standards, public sector as well as private sector projects internationally are adopting this process.

BRE is delivering highly relevant conferences, training and certification, as well as leading the UK in BIM related research. BRE has proven expertise in delivering BIM for Built Environment professionals with industry-leading BIM practitioners developing and presenting the courses.

BRE's BIM courses and certification schemes have been developed by internationally acclaimed BIM experts who have been instrumental in developing the UK standards such as PAS 1192:2 2013, BS 1192:2007, BS 7000-4:2013 and BS 8541 series as well as supporting the development of ISO and buildingSMART Standards.

BIM training and certification pathways



BIM Credentials

BRE has a number of world leading BIM professionals who bring vast experience and expertise, in both implementing information management processes, undertaking BIM projects and authoring project, company, national and international standards.

BIM Advisory Service

BRE offers support to the AEC Industry by providing a client advisory service and a project support service. The client advisory service assists clients in the creation of Employers Information Requirements (EIR) which are key to the information management lifecycle. We can also aid with checking and validation of client supply chain capabilities and also their deliverables through either our BIM Execution Plan (BEP) Checking Service or the Information Model Checking Service.

The project support service can aid those new to the information Management requirements with help in defining their methods and processes and looking at best practice. This can be formulated into documentation based on project requirements such as BIM Execution Plans (BEP), and help with the development and documentation of project Standards, Methods and Procedures such as CAD / BIM protocols and standards.

BIM Level 2 Pre-Assessment Service

Companies planning to apply for the BRE Global BIM Level 2 Business Systems Certification may wish to consider having a pre-assessment visit which will be carried out prior to their document submission and initial audit. Whilst the pre-assessment visit is not a formal requirement of the company certification process, it can potentially shorten the time for the process by confirming early on the applicant's readiness and identify any gaps or misunderstanding. A BIM pre-assessment does not guarantee there will be no nonconformities identified at either the desktop or site audit. Neither does it guarantee that this audit will have a positive recommendation for certification. However applicants that opt for a pre-assessment and subsequently act upon the issues raised, will have a clear understanding regarding what and how they need to implement the BIM Level 2 requirements.

BIM Research

BRE has been at the centre of research which has been influential in the development of BIM. BRE has been involved in the following research projects undertaken through either the BRE Trust, Innovate UK, Horizon 2020 etc. which facilitated this understanding:

- BreCOBie – An online tool to facilitate Construction Operations Building information exchange (COBie).
- RegBIM – Research into BIM regulation checking including BREEAM through Open BIM Data
- Cloud for Coordination – A BIM Object based common data environment solution sharing through multiple clouds
- BIM Objects Standards – Shape, Attributes and Naming definitions for BIM Objects
- BRE Templater – BIM dictionary for objects, products and assets to facilitate consistent data delivery.
- Facilitating the release of geographical and built asset data. Feasibility requirements for the development of IFC for Infrastructure and Geographical objects.
- BAMB – H2020 project for Buildings as Material Banks
- Espresso – H2020 project Smart City Ecosystem

BRE is keen to engage with Industry and Academic Partners providing BIM Expertise in undertaking research projects impacting the BIM Arena.

BIM Training



BIM Level 2 training

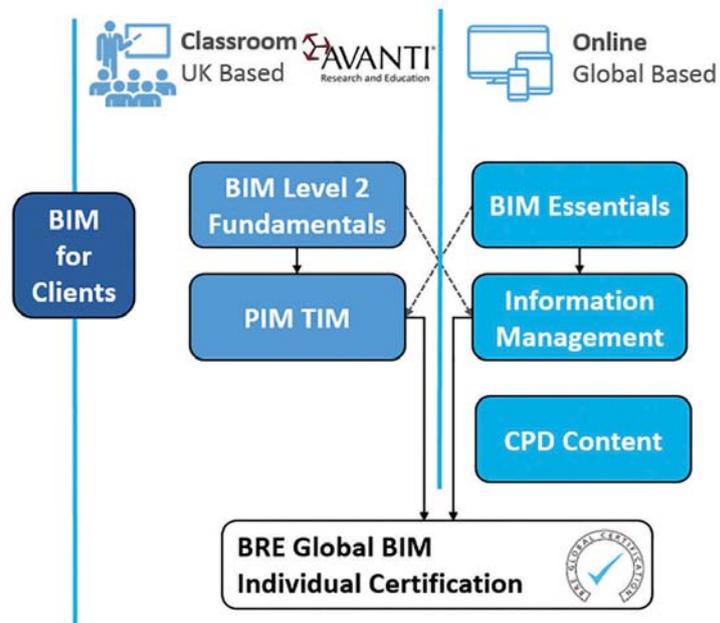
BRE Academy works closely with the UK's leading BIM experts to develop and deliver comprehensive and industry relevant BIM training. Our BIM Level 2 education pathway is aimed at the whole supply chain, including clients, product manufacturers, building designers and construction teams.

Our training can be used to gain professional certification, or to raise awareness. Students that have successfully completed one of our BIM Level 2 training courses can apply to become BRE Academy BIM Members, and receive a badge of recognition, access to free webinars and discounts on further training courses.

Delivered both on-line and in the classroom, our courses enable you to learn at a time and location that suits you. We also offer bespoke training and discounts for large group bookings.

For professionals we also offer a suite of BIM CPD, including live webinars, helping you to keep abreast of BIM developments.

For more information on all of our courses go to bre.ac



BIM International education

BRE Academy delivers high quality training internationally through a network of partnership organisations in countries including: Dubai, Qatar, New Zealand, Belgium and Brazil.

Testimonials



BDP sees the BIM Essentials online training course as an important step along our BIM journey. By providing a flexible learning platform that addresses the UK BIM Level 2 mandate and associated processes we will raise awareness and knowledge across a wider staff base, moving past software training and ensure job runner have skills necessary to address BIM Level 2 and beyond

Alistair Kell. Director of Information and Technology, BDP.



BIM Certification



BIM Level 2 Business Systems Certification

Do you want to prove to your clients that you have the capability to deliver the Government's BIM Level 2 requirements?

The BRE Global BIM Level 2 Business Systems Certification scheme assesses a business, based in any country, relating to the BIM policy and capability as defined within PAS 1192-2:2013 and PAS 91:2013. It is designed to be used with contract forms, Pre-Qualification Questionnaires (PQQs) and demonstrate BIM Level 2 maturity.

If your company has compliant BIM Level 2 documentation, policies and procedures in place, you may wish to proceed directly to application and document review. However, we advise a pre-assessment to reduce the time and possible additional costs within the certification process.

Once a company has completed the document review, a site audit can be arranged. On successful completion of the on-site audit, meeting scheme requirements and the closure of any non-conformities, certification will be issued.

Certification for Individuals

Do you want to prove you're BIM competent?

BRE Global has developed a scheme for individuals that offers two pathways to certification which will give customers the confidence that your services are going deliver what they need and expect. These certification routes provide on-going, third-party assessment through a combination of audit and CPD requirements. Certification provides you the opportunity to meet – and continue to meet – the appropriate standards. It helps you to provide the highest level of service to your clients. The pathways to individual certification are as follows:

BIM Informed Professional

This certification is suitable for those wishing to demonstrate their knowledge of the BIM process. Certification audits require demonstration of the detailed knowledge and understanding gained through training and/or experience on Information Management.

This certification is appropriate for policy makers, advisors, educationalists and construction professionals who are implementing the BIM process.

BIM Certificated Practitioner (Project/Task Information Manager or PIM/TIM)

This certification is suitable for those wishing to demonstrate their application of the BIM process on live projects. Certification audits cover the detailed knowledge and understanding gained through training and experience. Project Information Manager (PIM) and Task Information Manager (TIM) are roles defined within PAS 1192:2 2013.

This certification is appropriate for project based construction professionals applying an implemented BIM process.

“BIM Certification allows us to demonstrate our ability and underlines our commitment to the principles behind BIM.”

Ellie Hayes
BSD BIM Manager



www.bsd.co.uk

Benefits of BIM

- Reduce errors & omissions
- Reduce rework
- Improve collaboration
- Reduce Waste
- Whole life cycle management
- Reduce cycle time of specific workflows
- Better information for Improved Decision Making

Contact us

For more information or to speak to us please use the contact details below

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BIM Certification

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BRE Trust

The BRE Trust uses profits made by BRE Group to fund new research and education programmes, that will help it meet its goal of 'building a better world together'.

The BRE Trust is a registered charity in England & Wales: No. 1092193, and Scotland: No. SC039320.

