

BuildingSMART UK
Developing the standards,
tools and training that will
drive the uptake of open BIM



“By joining BuildingSMART UK you get access to the best independent knowledge on open BIM. You can share and learn from the growing UK-based user community, and from the wider buildingSMART international network.”

BuildingSMART UK Director, Nick Tune

All centrally procured HM Government projects must be BIM level 2 compliant by 2016.

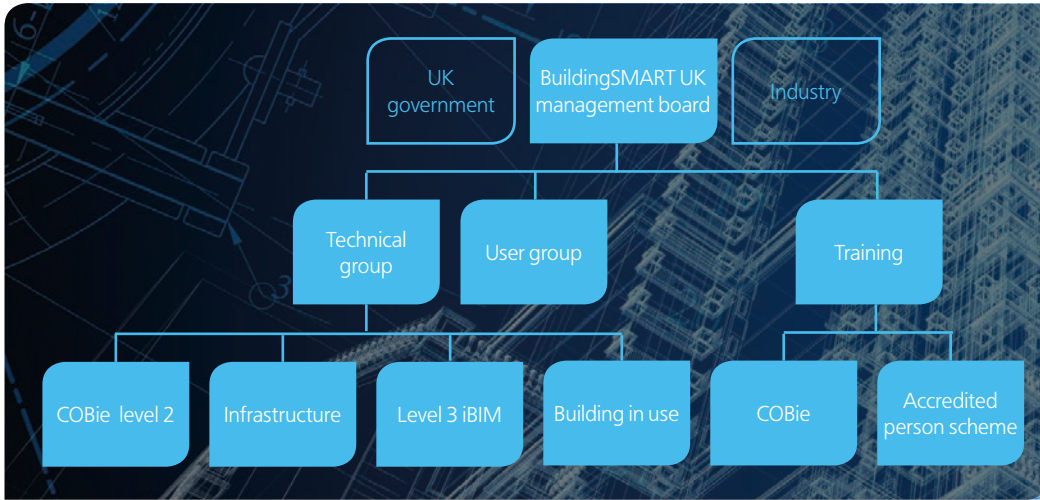
This is both a major challenge and a great opportunity that will pave the way for significant improvements across the construction sector and the buildings and infrastructure it creates. BuildingSMART UK is the leading force in achieving this goal.

BuildingSMART UK has been working in partnership with government and industry for over 15 years to create standards and supporting programmes to ensure the UK remains at the forefront of global adoption and use of BIM.

Join our growing open BIM community and get access to the best independent knowledge that will give your business the competitive edge.

BIM Jargon buster

- **What is BIM?** Building information modeling is a process of designing constructing or operating a building or infrastructure asset using electronic object-oriented information what this means in practice is that a building can be assembled as a kit of parts on computer, before it is built for real.
- **What is open BIM?** It is a transparent approach to Building Information Modelling that enables all participants to access information on a project without the need to use prescribed software.
- **What is COBie?** Structured facility information for the commissioning, operation and maintenance of a project in a neutral spreadsheet format that will be used to supply data to the client or operator.
- **What are Industry Foundation Classes?** The Industry Foundation Classes (IFC) is an open, neutral and standardized specification for Building Information Models, and is in the process of becoming an international Standard as ISO16739.
- **What is BIM Level 0?** This uses lines, shapes and text within simple Computer Aided Design (CAD) to produce paper 2D drawings and text schedules. Data is on hard copy.
- **What is BIM Level 1?** This is the use of more advanced CAD in both 2D and 3D with some attached data such as functional and physical aspects of the design. The data is simply managed in spreadsheets.
- **What is BIM level 2?** This builds on level 1 CAD but creates objects with enhanced capability to attach data about cost and time. Spreadsheets are now presented in COBie format responding to client data requirements. May use IFC for aspects of data interoperability.
- **What is BIM level 3?** This is fully interoperable and integrated design, production (construction) and asset management using open data resources possibly facilitated by the use of IFC.
- **What is the Building Data Dictionary?** It creates a common vocabulary for disparate component parts allowing an open Building Information Model to link data from many sources, such as information from a product manufacturer, room requirements, cost data or environmental data and so improving interoperability.



What is BuildingSMART UK?

We develop standards, tools and training to ensure that the industry knows what open BIM is and how to use it effectively and openly to achieve greener, leaner and more efficient buildings and infrastructure in the UK.

BuildingSMART created the open Industry Foundation Classes (IFC) standard and building data dictionary, and are leading the development and roll out of COBie (Construction Operations Building Information Exchange) for level 2 UK BIM adoption.

We help new BIM users to identify pilots and deploy a partial BIM to gain familiarity. We encourage experienced users to continue their roll-out of BIM, extend its application and share their experiences.

BuildingSMART UK is part of the international BuildingSMART programme, with representation across Europe, North America, the Middle East, Far East and Australasia.

Members are plugged into a network of leading experts from around the world to define, develop and maintain open standards such as the IFCs and associated protocols to enable truly interoperable data exchange. These standards are moving towards full ISO recognition.



Mark Bew, Chairman of Government BIM Working Group



Nick Tune, BuildingSMART UK Director



Join our open BIM community

By joining BuildingSMART UK, members become part of a community of organisations that are implementing collaborative and interoperable working practices around BIM.

Our activities cover all stages and functions of the construction cycle. We work together to creatively counter the silo mentality that is the industry's most significant obstacle.

Membership benefits include:

- Use of the BuildingSMART UK logo on your website and on bids to demonstrate your commitment to open BIM and best practice
- 25% discount on fast track training to BIM competency
- 25% discount on BuildingSMART UK accredited BIM designers, contractors and managers scheme
- Direct input into the development of UK standards and protocols
- Direct access to answering the government's technical requirements
- Discounted access to BRE/BuildingSMART UK BIM tools
- Access to world leading BIM experts
- Participation in technical and user groups (12 per year)
- Targeted BIM knowledge via technical bulletins (12 per year), newsletters (4 per year), webinars (4 per year) and the BuildingSMART websites (UK and international)
- Technical online forum and information hub

Membership form

I would like to join BuildingSMART UK

Name

Job title

Organisation

Address

Telephone

Email

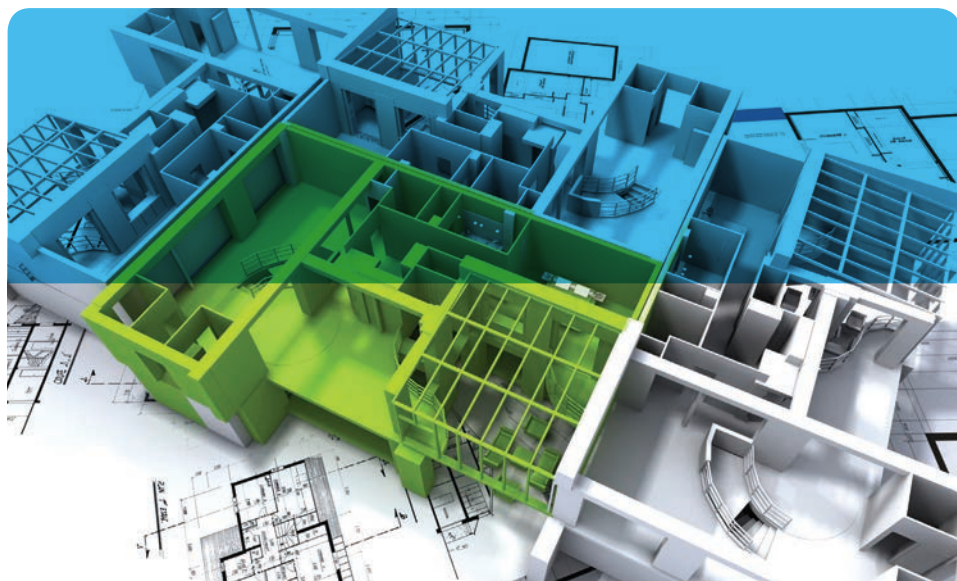
Business type

Number of employees

Signature

Date

Please complete, scan and send the completed form to buildingsmart@bre.co.uk



Subscription guidelines

Membership categories are organised so as to ensure BuildingSMART UK membership is open to all.

Select the membership that is applicable to you. Please contact us if you have any questions.

Category	Subscription
Companies (over 250 staff)	£1,500
SMEs (less than 250 staff)	£550
Sole trader	£100
Local authorities Housing associations Universities Charities	£550

How to get involved

To become a member or to find out more about how BuildingSMART UK can help your organisation achieve greener, leaner and more efficient buildings, please complete the form overleaf and return to the address below, or contact:

T 01792 630100

E buildingsmart@bre.co.uk

W www.buildingsmart.org.uk

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