



STATEMENT OF INTENTION TO SUPPORT BUILDING INFORMATION MODELING WITH OPEN STANDARDS

Background:

The home building industry around the world has an interest in the continuous advancement of productivity, efficiency, and quality in homes, leading to a better built environment.

Sharing relevant information throughout the life cycle (scoping, planning, design, tendering, procurement, construction, operation, maintenance, refurbishment, and disposal) of residential buildings globally and across all disciplines and technical applications, is important to achieving this goal.

The use of Building Information Modeling (BIM) can be an important aspect of this strategy by enabling the exchange of interoperable digital data supporting different representations of the building processes and the built environment in which they reside.

BIM is a process for managing the information produced during a construction project, in a common format, from the earliest feasibility stage through design, construction, operation and finally demolition, in order to make the best and most efficient use of that information. A representation of a building project in BIM format typically consists of a three-dimensional model integrated with an informational database about materials, products, components, systems and their properties and performance.

BIM allows data to be extracted and analyzed to better inform the design and construction processes, which leads to more accurate cost estimating and fewer spatial conflicts. The use of BIM also helps to facilitate collaboration and coordination among building industry professionals and trades working on the same project.

The International Housing Association (IHA) sees the potential for BIM to play an important role in construction's future in those markets where the owners and projects can sustain it because implementing BIM can result in reduced costs, faster completions and – above all – better buildings.

Intent:

The signatories—designated "we" in this public statement—have a common interest in supporting the continuing development and implementation of open international BIM standards. In pursuit of this, we intend to support BIM in the following areas:

- We will share knowledge and best practices regarding BIM at IHA meetings.
- We will support quality goals for open BIM-related projects on a national level.
- We will support the development and promotion of open international BIM standards.
- We will use relevant existing industry organizations, associations, interest groups, or other forums or create new forums as required for our collaboration.

Review Commitment:

This statement is not intended to be legally binding on any of the IHA Member Organizations. No cause of action will arise with respect to compliance, or lack thereof, of any signatory party to the guidance and intent expressed in this Statement. This Statement is not intended to create, nor does it create, any right, benefit, or privilege, substantive or procedural, enforceable at law or in equity, against any of the IHA Member Organizations supporting this Statement.

The IHA Members will conduct a biennial review of this Statement of Intention and ratify or revise it, based upon consensus.

This statement became effective as confirmed by the members on February 5, 2014.

This statement was modified and reconfirmed by the members on September 30, 2021.

This statement was modified and reconfirmed by the members on March 2, 2024.

IHA Secretariat



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