

# Engendering HBIM for the Sustainable Management of Cultural Heritage

## Participant Information Sheet

### **Project Aim:**

Digital information management processes will greatly assist with the sustainable management of built heritage in the future. One information management tool that could be used for this is Historic Building Information Modelling (HBIM). BIM is an information management and 3D visualisation tool used extensively by the architecture, engineering and construction industry. It typically consists of a 3D model of a structure with all information about the structure (e.g. current condition, maintenance information, health and safety assessments etc) associated with objects within the model. It has the potential to assist with information management and create an enduring record for future generations of heritage stewards. This will provide tangible benefits for the heritage community including more efficient resource management and fewer instances of lost or duplicated information. However, there is currently no standard for HBIM and no consensus on what functions or features a HBIM system requires.

In a previous stage of their work, the authors of this survey surveyed individuals involved in the management and maintenance of heritage to find out how they currently manage information, what problems they face and what they would need a digital information management system to do. The result of this was the identification of some proposed requirements for HBIM.

The purpose of this survey is to gather insight from people involved in the management and maintenance of heritage to find out if the proposed requirements adequately meet their needs. You will be asked to indicate your agreement with some proposed requirements. There will also be opportunities to suggest alterations to the requirements and additional requirements if you feel that anything is missing. The survey should take approximately 30 minutes to complete.

### **How your information will be used:**

The purpose of the survey is to validate the proposed system requirements for HBIM. The questions will ask you to indicate your agreement with some proposed requirements. The requirements will then be associated with modelling and data storage techniques for HBIM and existing heritage practices to develop a standard to be applied to any heritage asset. The information will be included in a thesis and may potentially be used for academic publications.

### **Withdrawal:**

You can withdraw your information from this project anytime until **2 months after your interview date** by contacting me or my supervisor. All information will be removed from any work and interview recordings and transcripts will be deleted. After **2 months after your interview date** your information will not be able to be removed from the project.

### **Confidentiality:**

Transcripts of the interviews will be typed up and stored with the project data. Your name and/or job title will be included with the transcript. Interview transcripts and recordings will only be shared with myself and the project supervisors.

Heritage management is largely dependent on individual perspectives and in-use circumstances. Therefore, it may be beneficial to include your job title and/or organisational affiliations in association with the data. This will only be done if you consent to it. If you do not consent to your

job title and/or organisational affiliation being associated with the information, the data you provide will be included using a generic title of “Heritage Expert”. Any information you provide that is subsequently used in any publications or the thesis will be anonymised. You can indicate your preference in the Participant Consent Form.

**Data Storage:**

Interview recordings and transcripts will be stored securely password protected and will only be shared with myself and my supervisors.

At the end of the project, data will be made openly accessible. All data will be anonymised prior to sharing.

**Project results:**

Please email me or my supervisor if you would like a copy of your interview transcript or a summary of the results.

**Contact Details:**

If you have any further questions or wish to withdraw your information, please contact me. If you would like to provide further information you can.

Post Graduate Researcher Name: Lucy Lovell

Post Graduate Researcher Email: [LJL848@student.bham.ac.uk](mailto:LJL848@student.bham.ac.uk)

Alternatively, you can contact my project supervisors.

Supervisor Name: Dr Richard Davies

Supervisor Email: [R.J.Davies.1@bham.ac.uk](mailto:R.J.Davies.1@bham.ac.uk)

Co-supervisor Name: Dr Dexter Hunt

Co-supervisor email: [d.hunt@bham.ac.uk](mailto:d.hunt@bham.ac.uk)

## Participant Consent Form

Participant Name:.....

Job Title:.....

Organisation:.....

Interview Date:.....

Please read the options below regarding confidentiality of data and **pick one option**:

- |  | Yes                      |
|--|--------------------------|
| <i>I consent for my job title and organisation to be included with information in the thesis and any publications</i>                            | <input type="checkbox"/> |
| <i>I consent for my job title to be included within the information in the thesis and any publications (my organisation will be anonymised).</i> | <input type="checkbox"/> |
| <i>I would like any information I give to be included in any publications or the thesis anonymised</i>   | <input type="checkbox"/> |

Please read the below statements and tick the box to indicate your agreement:

I have read and understood the Participant Information Sheet and consent for my information to be used in this way ☐

I understand that information I provide will be anonymised and made available in an Open Access format for referencing at the end of the project ☐

I consent for the interview to be recorded ☐

I understand that I can only withdraw my information up until **2 months after my interview date (above)** ☐

Please read the below statements and **tick the box to indicate your preference**:

- |  | Yes                      | No                       |
|--|--------------------------|--------------------------|
| <i>I am happy to be contacted again if necessary</i> | <input type="checkbox"/> | <input type="checkbox"/> |

If yes, please provide contact information such as address, email address, phone number.

.....

Participant Signature:.....

Date:.....