# Centre for Digital Built Britain Mini-projects Programme 2017-18

# *Internal Project Application Form*

Please complete ***ALL 10 SECTIONS*** and send the completed application form by to the **CDBB Office** by email (enquiries@cdbb.cam.ac.uk).

The Centre for Digital Built Britain was announced by government on 29th November 2017. The University has received funding of £5.4 million from BEIS via Innovate UK to support the creation of a Centre for Digital Built Britain (CDBB) at the University of Cambridge focusing on the ongoing transformation of the built environment through the digital tools, standards and processes that are collectively known as Building Information Modelling (BIM).

## Mission

The Cambridge Centre for Digital Built Britain will support the digitally enabled transformation of the full lifecycle of the built environment to increase productivity and improve economic and social outcomes in the UK and, where appropriate, internationally. The Centre will achieve this by developing and demonstrating policy and practical insights, leading to standards and guidance, that will enable the exploitation of new and emerging technologies, data and analytics to enhance the natural and built environment, thereby increasing productivity, help create ‘high performing assets’ in terms of their construction, their operation efficiency and improvement in services they were created to deliver, creating commercial opportunities and enhancing citizen quality of life and well-being. The Centre, with its Government, Industry and academic partnership approach is conceived as a national focal point for this work and the custodians of the integrity of the UK BIM and Digital Built Britain Programme.

## Objectives

The Centre has seven core objectives:

1. To act as the custodians of the integrity of the UK BIM and Digital Built Britain Programmes across all the levels and to be recognised both nationally and internationally as that institution.
2. To liaise with national and international standard bodies to create and modify technical standards and protocols which remain relevant to UK needs and which support industry adoption and implementation of all levels of Digital Built Britain.
3. To develop an academic bridgehead to ensure that the Digital Built Britain programme is cognisant of new and emerging research and technological developments that will impact the built environment in the years and decades to come.
4. To track capabilities in the UK and elsewhere to ensure successful commercial exploitation of these new technological developments, identifying where capability investment may be required.
5. To develop and inspire an industrial community who, combined with academics and policy leaders, will provide leadership on adopting and implementing new digital approaches.
6. To co-ordinate and deliver a range of events and activities designed to engage industry in defining and adopting BIM levels 3 and 4, rethinking their business models and the ways in which they use technologies, data and analytics to deliver social outcomes through the built environment.
7. To ensure that findings and insights from the Centre and its engagement activities inform future policy, industrial practice, standards and research initiatives.

The Centre for Digital Built Britain wishes to fund mini projects of up to £25,000 looking at how digital technologies impact the built environment, and how society might be affected by the changes which may follow from the employment of these technologies. Project must be run by a Principal Investigator from the University of Cambridge. **Projects must conform to InnovateUK funding rules and must end by 31/3/2018.**

Projects can tackle any area which might fit the CDBB 7 core objectives, and may be from any relevant research field. A wide variety of activities might be appropriate. All projects must create an output that can be publically shared by CDBB, in addition to a final report on the project. Examples of such outputs include workshop summaries, white papers, and videos

Please submit a signed machine readable PDF format application as well as a word version of your application.

Deadlines: Applications will be reviewed regularly while the call is open. The call will close on 31 January 2018

1. Title of project:
2. Department(s):
3. Project lead(s) and Co-applicants *(Please also list here any external partners and their affiliations who have agreed to be involved in the project)*

|  |  |  |
| --- | --- | --- |
|  | Principal Investigator | Co-Applicant |
| Name |  |  |
| Department/External Partner Organisation |  |  |
| Telephone |  |  |
| E-mail Address |  |  |

1. Duration of project (note: **all projects must end by 31/3/2018**)
2. Brief summary of the project (maximum 400 words):
3. Funds requested. Please create an X5 for the project, costed at 100% fEC. Please indicate the distribution of funds between staff and non-staff costs and a time profile of expenditure across the life of the project:

|  |  |
| --- | --- |
| X5 number |  |
| Total Funds Requested  | £ |
| Staff | £ |
| Non Staff | £ |

1. Please specify the project activities which will be supported by the funding:
2. Please indicate how the project addresses the aims of the CDBB core objectives (maximum 150 words):
3. Outputs. Please specify the outcomes and beneficiaries that you anticipate for your proposed project and the deliverables for the project (maximum 200 words):

10. Signature of support from Head of Department

|  |  |
| --- | --- |
|  | Head of Department |
| Name (print) |  |
| Signature |  |
| Telephone |  |
| E-mail Address |  |