

**CONTROLLING OFFICER'S REPLY**

**DEVB(PL)071**

**(Question Serial No. 3057)**

Head: (82) Buildings Department  
Subhead (No. & title): (-) Not Specified  
Programme: (1) Buildings and Building Works  
Controlling Officer: Director of Buildings (Ms Clarice YU)  
Director of Bureau: Secretary for Development

Question:

The Buildings Department will contribute to the formulation of a roadmap on the industry's use of Building Information Modelling (BIM) in preparing building plans for submission to departments for approval. In this connection, will the Government inform this Committee of the following:

1. Will the approval process of the departments be expedited with the wider use of BIM in preparing building plans? If yes, what are the details? If not, what are the reasons?
2. What is the administrative cost to be involved in the use of BIM in preparing building plans?

Asked by: Hon LAU Kwok-fan (LegCo internal reference no.: 58)

Reply:

1. The Development Bureau is devising a roadmap on the use of Building Information Modelling (BIM) in preparing, submitting and approving building plans, and the Buildings Department (BD) is contributing to the formulation of the roadmap. We expect that the use of BIM by the industry in preparing building plans for submissions, combined with other tools (e.g. checking tools which automate compliance checks), would help expedite the plan approval process. An example is the plug-in tool for BIM software for checking area calculations on building plans under the Buildings Ordinance (Cap. 123) (BO) and lease conditions, being jointly developed by BD and the Lands Department. The one for checking area calculations under BO will be launched in the first quarter of 2024. We are exploring in parallel other tools that can be developed for open use by the industry to further incentivise the adoption of BIM.
2. The administrative cost incurred by individual companies in the use of BIM in preparing building plans may vary greatly, depending on the amount of resources a company is ready to invest in adopting BIM (e.g. in terms of software, hardware and manpower).

The industry may apply for the Construction Innovation and Technology Fund administered by the Construction Industry Council for financial assistance as appropriate in adopting BIM.

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