

Answers to questions on BIM Future

July 16, 2009

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1. Why is the infrastructure domain slower in adopting VC than building industry?

Needless to say, public works are usually managed by public sectors. So, they should have a kind of incentive to utilize VC or any other new technology.

What can be the incentive for public sectors to utilize VC? They have responsibility to convince every stake holders to do that. Every new technology should lead us to better future through cost reduction or performance enhancement or safer society.

M. Minagawa

2. Is VC necessary for the infrastructure domain, or not? Are there any merits?

It depend on how VC could reduce total cost or how VC could achieve higher performance or better future.

We have to try to estimate B/C for VC utilization. The benefit should include future benefit during the lifecycle of infrastructure.

M. Minagawa

3. What would hinder the promotion and adoption of VC in the infrastructure domain?

Methodology of B/C estimation should be established for the promotion and adoption of VC.

On the other hands, We may be allowed to spend some tax for the utilization of some new technologies including VC for the future better management of infrastructure. In order to think of this point, benefit and cost evaluation is also very important.

M. Minagawa

4. What is needed to promote and employ VC in the infrastructure domain in terms of research and practice?

I do not have any idea on new VC technologies which should be developed. Probably Prof. Yabuki is one of the best person to answer this question.

In terms of practice, researchers have to convince all stakeholders for the expenditure in order to utilize VC widely for infrastructure domain.

M. Minagawa