1. Building Information Modelling, or BIM, is a digital process for creating and managing all the information on an infrastructure asset throughout its lifecycle. The output of this process is a model which provides a three-dimensional, digital representation of the physical and functional characteristics of a building, another form of infrastructure or environment. This enables opportunities to improve the planning, design, construction and operation of built infrastructure assets.
2. BIM serves as a shared knowledge resource for information about an asset throughout its lifecycle, supporting decision-making — from strategic appraisal; planning, design and construction; through to operation, maintenance and renewal. The richness of digital information provided by BIM enables a range of processes such as cost estimation, engineering analysis and project scheduling prior to construction. This can aid in de-risking a project and provide greater confidence about on-time delivery.
3. In 2017, the government released the *Building Information Modelling – draft policy and principles for Queensland* for public consultation. Following consultation, the revised document has been renamed the Digital Enablement for Queensland Infrastructure – Principles for BIM Implementation (the principles) to reflect connections to a broader range of initiatives.
4. The principles will guide government agencies in their consistent implementation of BIM and will provide certainty to industry for its future investment and training decisions. The principles and overarching workplan are required to establish a whole-of-government framework to meet the goal of implementing BIM on major government infrastructure projects by 2023.
5. Cabinet endorsed the Digital Enablement for Queensland Infrastructure – Principles for Building Information Modelling (BIM) Implementation for public release.
6. Cabinet endorsed the overarching work plan which outlines the next steps and the development of an implementation framework.
7. Cabinet endorsed that all major government construction projects with an estimated capital cost of $50 million or more which commence a detailed business case from 1 July 2019 will be required to use BIM in accordance with the principles.
8. Cabinet noted that BIM can add value on projects less than $50 million and agencies are encouraged to use it on projects which cost less than $50 million or on existing assets.
9. *Attachments*
* [Digital Enablement for Queensland Infrastructure – Principles for BIM Implementation](Attachments/Principles.PDF)