An Outline Of The Pathway For Building Information Modelling (BIM) Processes In Lieu Of Strata Survey Measurement Within A 3D Cadastre Environment And Developing A Competency Program For Professional Land Surveyors In Malaysia.

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SUMMARY

The growing potential of BIM will have a great impact in the development and implementation of 3D Cadastre, especially in the Strata survey component. The potential of merging Strata survey data with BIM in a 3D Cadastre environment is very real indeed. This is especially so when BIM is already fully operating under a digital environment. Currently in Malaysia, the Strata survey measurement component operates under conventional survey methods and processes. With rapid advancement of 3D scanning technology, transformation to a fully digital field survey processes is imminent. This migration move can further advance the utilisation of 3D scanning within a BIM application. Past presentation about the marvel of 3D scanning and BIM are aplenty but unfortunately done in isolation of each other. A concerted effort at harnessing the potential contained within these technologies and giving it a strong foothold within the land surveying profession in Malaysia is surely a great game changer to the practicing professionals.

Recognising the challenges and potentials that the above technologies can offer, the Association of Authorised Land Surveyors Malaysia (PEJUTA) has initiated a way forward pathway that enables its members to secure a competency level and henceforth attaining professional recognition, vis-a-vis 3D scanning and BIM processes, its embodiment to be well placed within the role of Licensed Land Surveyors’ practice.