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SMARTKADASTER: OBSERVING BEYOND TRADITIONAL CADASTRE CAPABILITIES FOR MALAYSIA

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Abstract. The digital age for cadastral surveying started in stages, more than 20 years ago in Malaysia and JUPEM played a vital role in its successful implementation nationwide. One of the key products of cadastral survey is cadastral maps, which provide useful information for any land information system. However, as technology evolved and simplicity is familiarised, better services are anticipated and have affected how cadastral survey information are perceived. A paradigm shift is necessary where enriched cadastral information is required for multiple usage and allow real cadastral information based services to users. On that note, JUPEM is intrigued to develop a system where National Digital Cadastral Database is value added with other geospatial information for a smart and multipurpose environment and clearly be interpreted as a decision making tool with the aids of 3D realistic spatial data, namely SmartKADASTER. The SmartKADASTER is an ongoing project developed by JUPEM with the aim to establish a realistic and SMART cadastral-based spatial analysis platform for an effective planning, decision making, enabling efficiencies and enhancing communication and management to support SMART services towards SMART City enablement in Malaysia. It is developed in phases with the Federal Territory of Putrajaya and Kuala Lumpur as the initial project implementation area. This paper provides awareness and insights of the on-going development of the project and how it could benefit potential users and stakeholders.

[Conference paper](#) (PDF, 1010 KB)

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