

Press Release

Dubai, 13 June 2006

DM introduces new GIS data delivery standards

Dubai Municipality has introduced new GIS data delivery standards for As-Built drawings. The GIS Centre at the Municipality recently organized a seminar to explain the details of these standards to consultants and contractors.

The seminar conducted by Elizier Nelson Vijay, GIS Technician at the GIS Centre, unveiled the details about the new Dubai Municipality standards for CAD/GIS/Mapping and digital cadastral information.

The attendees of the seminar also included officials from Etisalat, DEWA, Roads & Transport Authority, Civil Defence, Nakheel, and representatives from Dubai Municipality's Horticulture & Public Parks, General Projects, Drainage & Irrigation, Planning & Surveying and Buildings departments and Costal Management section.

The GIS Centre had earlier sent circulars to DM departments and government organizations to inform them the standard to be adhered to regarding the as-built drawings.

Vijay pointed out that the As-Built standards describe the requirements of the GIS Center in Dubai Municipality for the submission of As-Built drawings prepared by consultants and contractors. "In future we intend to build a mechanism to submit As-Built drawings & schedules online and view the status of projects online," he said.

Vijay said the standards apply to all CAD drawings produced for Dubai Municipality and other government authorities by any consultant or contractor. He said the all the standards are available online at www.gis.gov.ae.

The seminar recommended that all the drawings must be checked for appropriate standards, all features must be surveyed in near-real time as they are laid/built using proper survey control points, and also to nominate staff

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specially for As-Built drawings updating using all proper means for field and office update.

The seminar, which was aimed at providing the standards as the solution for all the authorities, contractors and consultants to build, maintain and provide accurate and up-to-date As-Built data, asserted that each department or organization is responsible for checking the accuracy of its drawings whether it is within the GIS data delivery standard or not, and giving the approvals to their contractors or consultants before sending the drawings to GIS center. The role of GIS center is to put accurate data in geographic form that can be used in different fields and be available for all users.

The purpose of As-Built CAD drawing standards and guidelines, procedure for submission of As-Built drawing files, quality assurance, issues on various types of As-Built, As-Built accuracy and ill effects of As-Built drawing errors and the use of As-Built Construction Management Application in GIS were discussed in the seminar. It also gave details of the Construction Management Application, a system administered through a website allowing consultants and contractors to submit As-Built drawings and schedule on-line. This web application visualizes the construction in progress, completed and not started, to facilitate the management of large construction projects better coordination of sub-contractors, illustrating status of construction for progress reports to allow better archiving for legal and contractual purposes. The system, which is currently being used by Dubai Municipality engineers, inspectors, officers and administrators, will be available in future for external users like consultants and contractors.

The panel members included Abdullah Galadari, Aysha Abdulla Mohammed, Mohammed Al Mustafa and Abdul Munem Kharasa.

-Ends-

Photo: Elizier Nelson Vijay delivers the seminar.

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