National Development Plan: Integrated systems on spatial foundations

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Abstract

The presenters are integrated management system specialists, with professional skills in the areas of survey, data management, land management, and spatial information. This has been augmented by experiential skills in the fields of process automation, document and records management, infrastructure asset registers, infrastructure management, project management, integrated development planning (IDP), and multi-tier government systems.

The presenters will identify some of the key themes and challenges in the National Development Plan (NDP) and the New Growth Path (NGP).

The linkage between these themes and challenges to the base data sets that empower planning decisions is made clear. The defenders explain and illustrate the dependence at a national level on data and processes in each sphere of government from provincial through district to local municipality level, where the foundations are set for planning. Local level is where planning translates to implementation, and is where most citizens interface directly with and experience government.

The critical base data sets are highlighted, with an emphasis on spatial data. The use of technologies to speed up capture and delivery of data and improve reliability are described and case studies highlight the massive improvements in these aspects of planning and delivery.

Finally accessibility is shown to be one of the major hindrances to good planning, and the necessity of integrated systems is explained.

They conclude that successful integration of people, processes, data and systems, on a spatial base, creates the foundation for national development planning and is critical to ensuring effective and efficient implementation.

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