المؤتمر السعودي الأول
للمدن الذكية
Saudi Smart Cities
Conference 2017

16-18 May 2017, Intercontinental Hotel, Riyadh, KSA

Endorsed by

وزارة الشـــؤون
البلدية و القروية
Ministry of Municipal & Rural Affairs

Intelligent Transport Systems

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What are the requirements for implementing successful Intelligent Transportation Systems?

In order for implementing successful ITS, it is primarily required to build up a national ITS masterplan by the government sector. The masterplan should have to describe the following contents, i.e. ITS Services and Systems, ITS Architecture and Standardization, Budget and Investment Planning, Legislation and Regulations for Business Models with Public & Private Partnership (PPP), Research & Development and Deployment (R&DD) Plans, etc.

What is the role of Intelligent Transportation Systems in smart Cities?

I would emphasize the sustainable transport services as a role of ITS in smart cities, which is based on mobility integration with a concept of sharing economy utilizing information and communication technology (ICT). A concept of mobility integration is a service to provide any user in the City with an integrated trip planner on demand by connecting all transport modes and facilities in utilizing ICT on its mobile phone. This integration is a customized service through mobile platforms, connecting all transport modes from door to door, including public transport, car sharing, personal mobility, and walking. It could be conventionally called an integrated transport system as a trunk hub & spoke feeder system.

Dr. Young will be speaking at the Saudi Smart Cities Conference on Intelligent Transport Systems. To know more visit www.saudismartcities.net

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