

JPS New Kingston Smart City Project

IN PARTNERSHIP WITH **TUATARA GROUP**
Intelligent Solutions for Evolving Markets

JPS Evaluates New Technologies to Support its Smart City Project

JPS has partnered with the Tuatara Group to develop its smart cities project and has received grant funding from the U.S. Trade and Development Agency to conduct an initial study. The Project will leverage existing JPS smart street lighting infrastructure. The first phase of the project will focus on New Kingston. The Project will include:

- **New Kingston Demonstration Project** - Tuatara will conduct a baseline assessment of existing infrastructure in New Kingston and recommend at least four smart city technologies and services as well as a centralized ICT management and control system to be deployed during the Demonstration Project.
- **Smart Cities Roadmap** - The 10-year Smart City Roadmap for New Kingston will illustrate the potential for future deployment of smart city technologies and will include a conceptual smart urban design plan.

JPS is developing its smart city vision for New Kingston while aligning with the priorities and interests of key stakeholders.

JPS Plans to Use Smart City Technologies to Improve Service Delivery

Energy is an important part of smart cities: from smart grid to renewable energy, to energy efficiency and demand response to Electrical Vehicles. JPS is seeking opportunities to improve its electric power delivery service to its customers, provide additional benefits to its customers, and to identify new potential service areas. Its platform of Smart LED street lights can serve as a platform for new smart cities technologies and applications.

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What are Smart Cities?

Smart cities use technology to improve the efficiency and effectiveness of infrastructure and improve the well-being of citizens and businesses. Smart cities technologies can address a wide variety of sectors such as energy, transportation, water supply, security, emergency response, electric vehicle charging, solid waste, telecommunications, digital advertising, air pollution monitoring and e-healthcare.