Executive Summary
Khon Kaen Smart City
By Khon Kaen Provincial Office

Located in the growing region known as Greater Mekong Subregion (GMS), Khon Kaen is internationally known for its "3M" smart initiatives – Medical (and Wellness), Mobility, and MICE (meetings, incentives, conferences, and exhibitions) – such as healthcare such as the Khon Kaen Living Lab, Smart Ambulance, and Khon Kaen Mass Transit. Khon Kaen has been at the forefront of international collaboration with a track record. Over the past years, Khon Kaen has collaborated with the Ministry of Land, Infrastructure, and Transport (MOLIT) of the Republic of Korea on a joint-study and master planning of the comprehensive mobility system, and with the British Embassy Bangkok through the UK Future Cities Program as well as the UK Tech Export Academy on technological matching and exchange. Khon Kaen Smart City aims to develop Khon Kaen Province to become a liveable metropolis and an innovative city that connects all economies in the GMS. The total number of smart city services that will be in operation reaches 28 in all 7 domains. Notable projects include the increase of green areas by using the Internet-of-Thing (IoT) technology to manage ecological resources and mitigate community waste problems. Using IoT sensors to monitor the amount and condition of waste as well as provide complete analytics of the collection route, the streamlining of this end-to-end waste management process can enhance the already-world-renowned urban landscape and increase the wellbeing of the citizens. In the domain of the smart economy, Khon Kaen will continue to build an ecosystem for entrepreneurs, especially the SMEs and Startups in IoT or digital industry. Medical and healthcare applications for comprehensive public health services are being designed to foster the city's aforementioned 3M value proposition. The connection of transport networks through information technology such as the light rail transit is staged to become an important component of the city's growth through transit-oriented development (TOD).