

Executive Summary
Samyan Smart City (Bangkok)
By Property Management of Chulalongkorn University - PMCU

Located in the heart of the world's most-visited metropolis of Bangkok, Samyan Smart City is operated by Chulalongkorn University, Thailand's most prestigious university. It is natural for Samyan to aspire to become an "Innovation District" creating both innovation and shared values for communities and Bangkok's urban society. There are 42 smart city projects in all 7 domains, including the extraordinarily large number of 42 projects, such as the comprehensive water management system, wastewater recycling system (both around the award-winning Centennial Park). The Centralized cold room control system and area energy management system (AEMS) will enhance the efficiency of the overall management of both energy production and consumption. The use of renewable energy with a solar roof and solar parking will become a norm of this eco-urban campus and vibrant community. In addition, the "Creative & Startup Village " is a conceptual pilot project aiming at creating Thailand's first innovation district, to be located at the historical "Block28" where the legacy of the "Old Samyan Market" stands. End-to-end, door-to-door mobility-on-demand services, such as electric vehicle (EV) car-sharing, bike-sharing, Tuk-Tuk sharing, and E-Scooter sharing. An EV car rental platform, too, will robustly increase travel options and enhance the efficiency of public transport, decrease preventable road accidents and bring down greenhouse gas emissions within the area.