

Executive Summary
Mae Moh Smart and Pleasant City (Lampang Province)
By Electricity Generating Authority of Thailand (EGAT)

Originally the site of a 2,400 MW lignite-fueled power plant run by the Electricity Generating Authority of Thailand (EGAT), this project aims to transform Mae Moh into an eco-friendly city ("Mae Moh Eco Town"). The ultimate goal is to support the local community, including social enterprises and start-ups. Improving the quality of life of the people in Lampang Province where the site is located requires 10 smart city projects in 3 domains, including those of smart environment and smart energy which are EGAT's general expertise. The flagship projects of "Mae Moh Smart and Pleasant City" include rehabilitating 20,000 rai (7,907 acres) of community forests, building 100 water management prototypes, and introducing robust climate sensors. State-of-the-art Geographic Information System (GIS) will prompt results for environmental management. Moreover, digital payment services will be introduced to increase income for the community by promoting careers and community products. As an "Eco Town," it will adopt a smart grid technology using a smart metering system and installing solar power generation on the roof to reduce the use of fossil-based electricity and therefore increase the use of renewable energy.