

**SIT's collaborations with community groups and industry partners**

1. SIT is jointly working with SP Group to construct an experimental urban micro-grid in its new campus in Punggol. First in Southeast Asia, the multi-energy urban micro-grid system integrates gas, electricity and thermal energy into a unified smart network that seamlessly incorporates renewable sources of energy such as solar energy and energy storage technologies. Beyond serving as an operational grid providing power for SIT, the micro-grid will also serve as a teaching and applied research platform for collaboration with other stakeholders in the energy ecosystem.
2. SIT is also collaborating with JTC on projects related to Smart Facilities Management and Operations. This collaboration aims to enhance facilities management capabilities through data analytics and machine learning, and strengthen cyber security of industrial control systems. It will also serve as a teaching and applied research platform for SIT students.
3. In addition, SIT is working with Punggol Grassroots to bring a MakerSpace to the Punggol community. The MakerSpace aims to captivate Punggol's community, especially its youths and residents who are interested in science and technology, by bringing the learning-by-doing experience to residents. The Punggol community can use the MakerSpace as a community working space to crowd source design and technology-based solutions to help alleviate community challenges in their living environment.