

The Global South Future-Oriented Co-Creation Project: Selected Companies (1st Application)

Sumitomo Corporation

**“Vietnam / Thang Long Industrial Park, North Hanoi Smart City decarbonization
(expansion of Renewable Energy & introduction of energy saving equipment),
broad energy management experiment project”**

- ◆ Head office: Chiyoda-ku/Tokyo Pref.
- ◆ Listed on Tokyo Stock Exchange Inc.
- ◆ Established: December/1919
- ◆ Business area: General trading firm
- ◆ Project will be implemented by Thang Long Industrial Park Corporation (TLIP) and North Hanoi Smart City Development Investment JSC (NHSC)



Project Plan

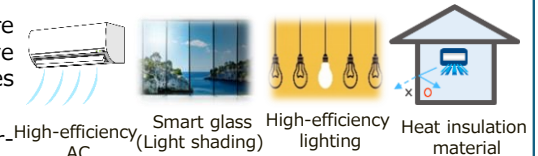
<Outline>

- To connect industrial park & smart city each having different power demand (different peak time) with a transmission line and to develop single grid to realize highly efficient energy management. To increase on-site renewable energy source while reducing power demand with energy-saving equipment/solution. It will be a pioneer model case by cooperation of industrial and commercial to contribute to carbon neutrality in Vietnam.

<Expected results>

- By increasing stable renewable energy source in TLIP where a number of Japanese manufactures are located: (1) To increase renewable energy ratio in Vietnam, and (2) To contribute to AZEC initiative for decarbonization in industrial supply chain. It will help environmentally conscious global companies to maintain and to expand their factory locations.
- NHSC will introduce energy-saving equipment/solution and AI technologies based automatic air-conditioning in its development of housings and condominiums to reduce power demand and it will lead to mitigation of power deficiency in Vietnam during summertime. It will also contribute to increase of awareness and recognition of the concept of power saving among the citizens. By connecting industrial park & smart city with different power demand with a single grid to realize high-efficient energy management, it will be an advanced model case for the future development of industrial parks and smart cities to be firstly realized in Vietnam ahead of other ASEAN countries.
- With the expansion of renewable energy, reduction of power demand through energy saving and creation of integrated energy management model, we aim to contribute to Vietnam's governmental policy targeting to achieve carbon neutrality by 2050.

Expansion of Renewable Energy & introduction of energy-saving equipment



High-efficient energy management in micro grid

