

An aerial photograph of the Thang Long Industrial Park, showing numerous large industrial buildings with grey roofs, paved roads, and green spaces with palm trees. The park is situated in a flat, open area with some distant structures visible on the horizon.

Asia Clean Energy Forum 2025

Activities for Decarbonization of Thang Long Industrial Park

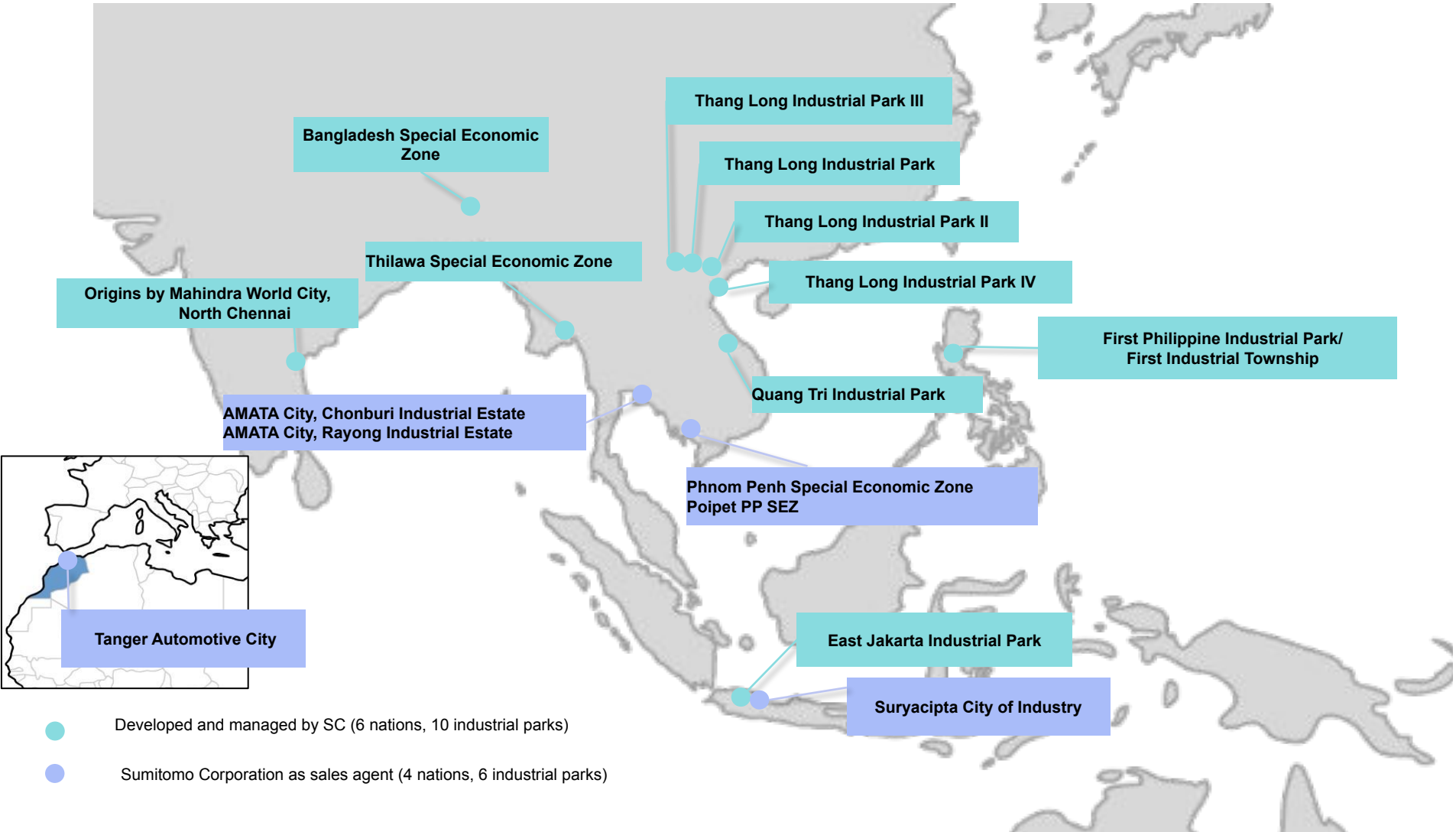
6 June 2025



Sumitomo Corporation

Enriching lives and the world

Map of Industrial Park Business



Over 35 years of experience & Strong Company Philosophy



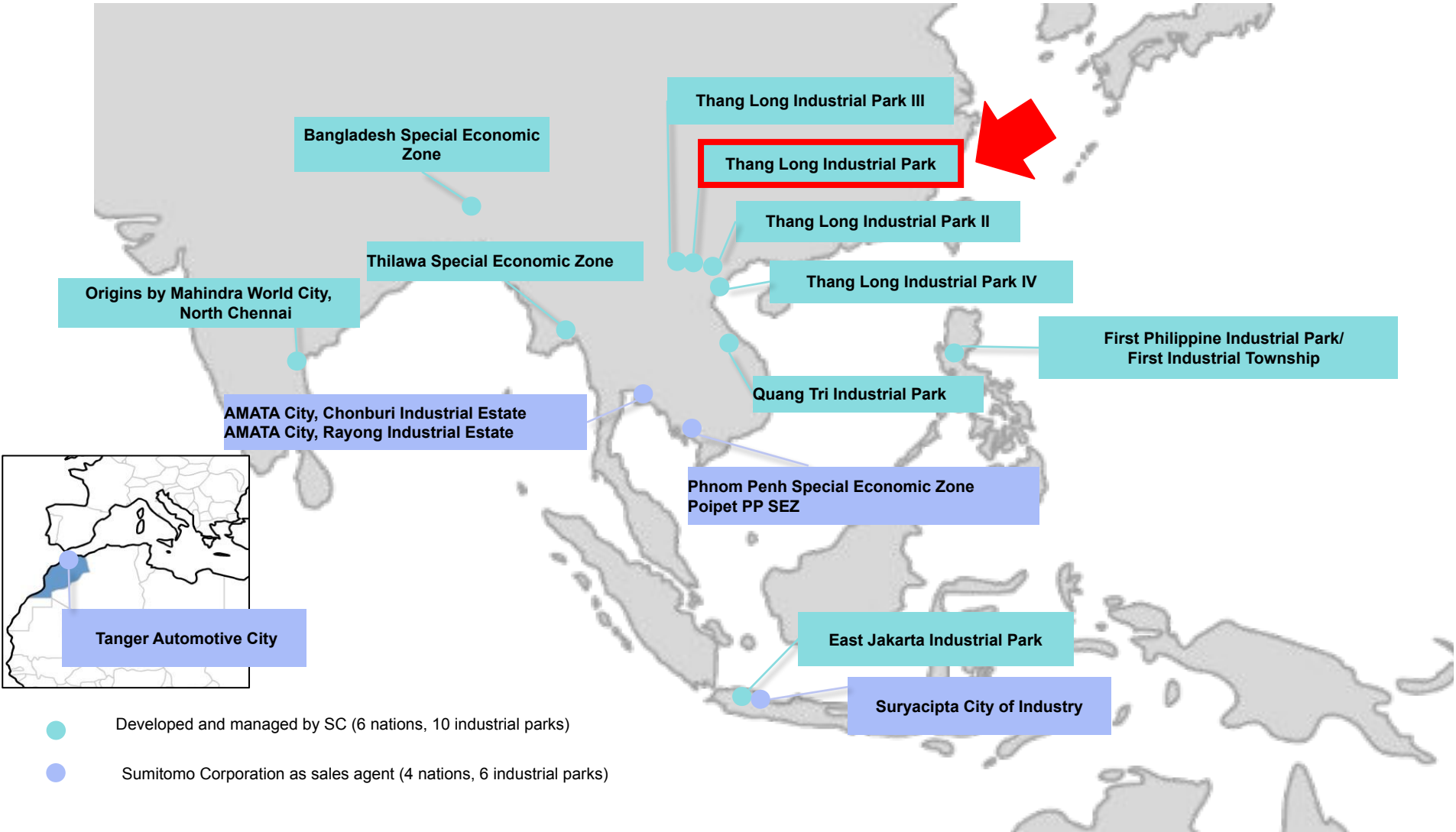
Developed
2,876ha



To solve social/regional
issues through Industrial
Parks

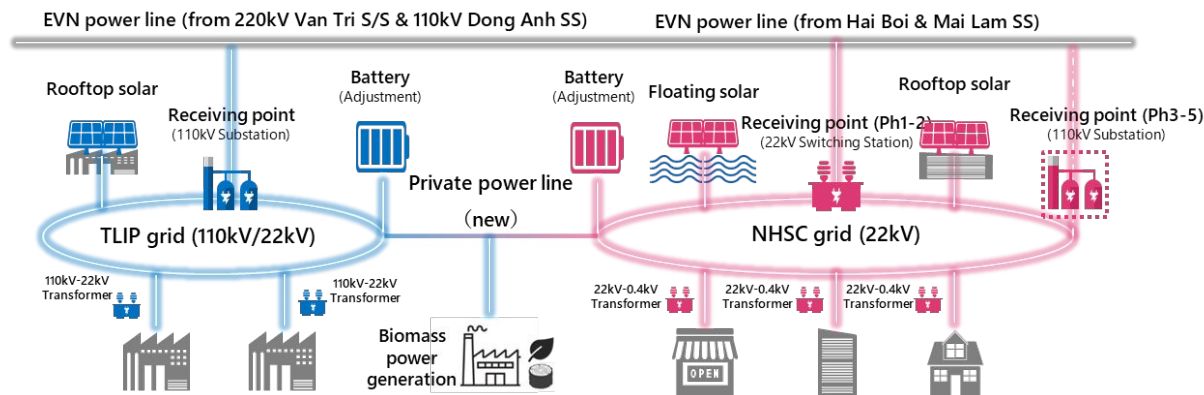


Map of Industrial Park Business



- Cooperation outline:** To promote decarbonization in industrial parks & townships through various measures: (a) by expanding renewable energy supply in TLIP, where Japanese manufacturers are concentrated and in NHSC, which is being developed as a Japan-Vietnam flagship project; (b) by implementing broad energy management between the two projects and (c) by introducing energy-saving solutions.
- Purpose/objectives of this MOU:** In addition to expanding on-site renewable energy sources such as rooftop solar power and biomass power, we are considering to build energy-saving houses by introducing technologies such as high-efficiency air conditioning/heat pump water heater, with the vision of creating a model case for future industrial parks & township projects in Vietnam.
- Others:** In addition to the current rooftop solar power (28MWp in TLIP and 68MWp in all TLIPs in operation as of June-24, expected to reach 38MWp in TLIP and 100MWp in all TLIPs by FY25), we intend to introduce biomass power, in which Japanese manufacturers have strengths. Furthermore, heat pump air conditioning/hot water equipment and central cooling technology are expected to be installed at NHSC to reduce electricity demand. Subsequently, TLIP & NHSC will be connected by private lines to create single grid to realize a broad energy management/microgrid that integrates civilian and industrial use.

<Broad energy management/microgrid overview>

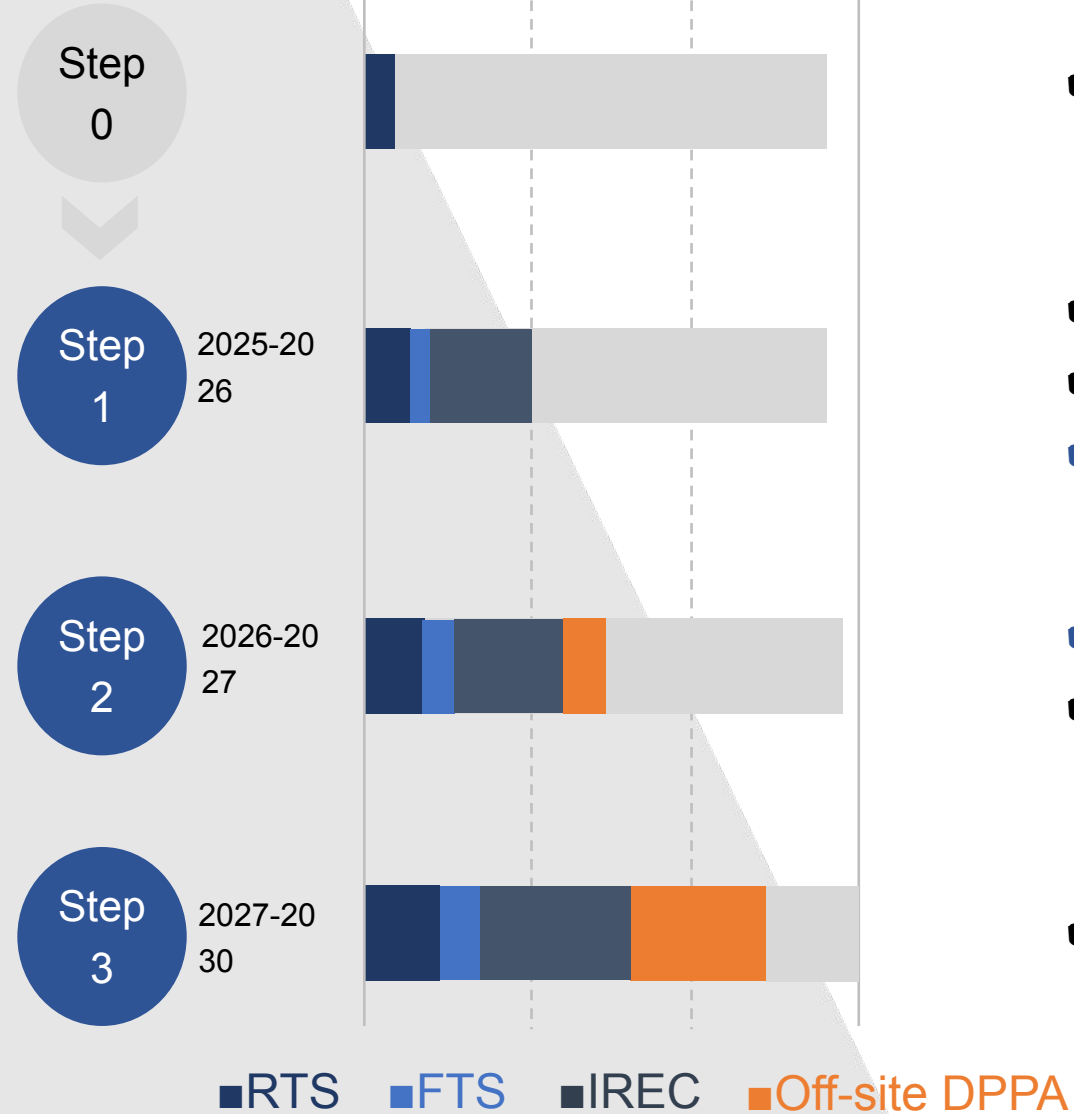


MOU signing @ 2nd AZEC Minister Meeting



Steps to decarbonization

Achieved



✓ Installed Rooftop Solar (RTS)

✓ Expansion of RTS with BESS

✓ Introduction of Floating solar (FTS)

✓ BESS contributes for peak shifting

✓ Off-site DPPA covers the remaining portion

✓ Other on-site renewable energy is considered

✓ Power interchanging between Industrial Park and Smart City



33MWp
(as of May 2025)

Thank you