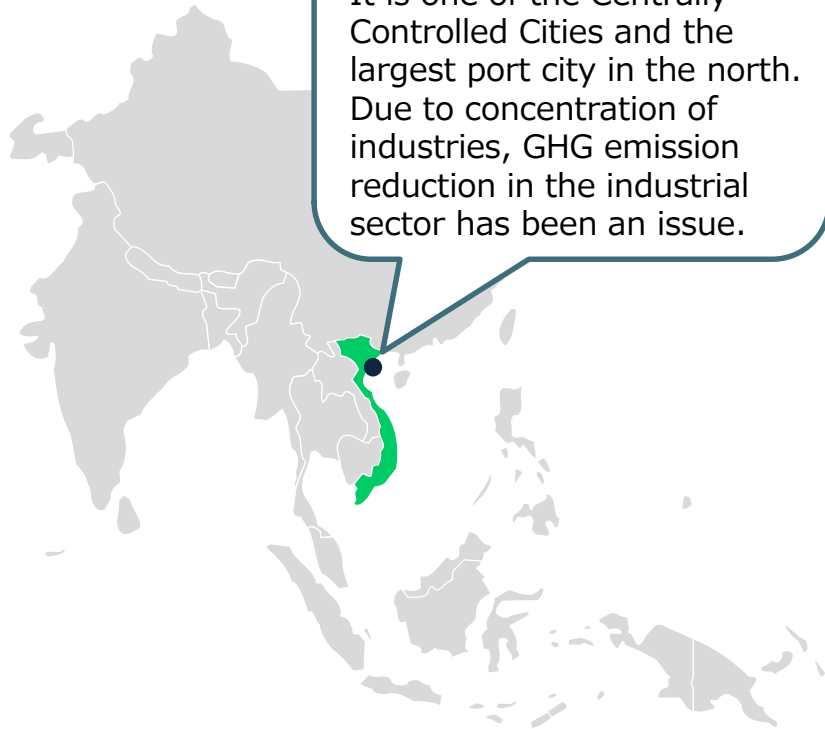


City-to-City Collaboration between Hai Phong City in Viet Nam and City of Kitakyushu

Hai Phong City and Kitakyushu City have signed the Friendship, Cooperation Agreement in 2009, and since then, two cities have engaged in technological exchange mainly in the field of water supply and sewerage as well as cultural and economic exchanges. Furthermore, in 2014, the two cities concluded an agreement regarding Sister-Cities Friendship and Cooperation Relations, which has developed into a comprehensive collaboration that includes the fields of waste management and low-carbon technology. In particular, in 2014, the two cities jointly developed the Green Growth Promotion Plan of Hai Phong and have been working on the materialization of the 15 pilot projects identified in the plan.

Hai Phong City

It is one of the Centrally-Controlled Cities and the largest port city in the north. Due to concentration of industries, GHG emission reduction in the industrial sector has been an issue.



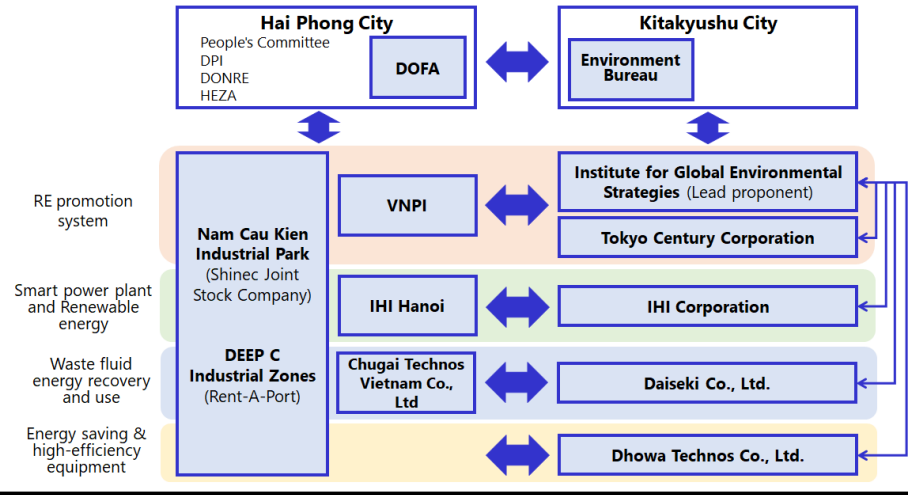
Kitakyushu City

An industrial city with the largest eco-town in Japan, it has been designated as an SDGs Future City. In 2020, it has announced its intention to become a zero-carbon city by 2050.

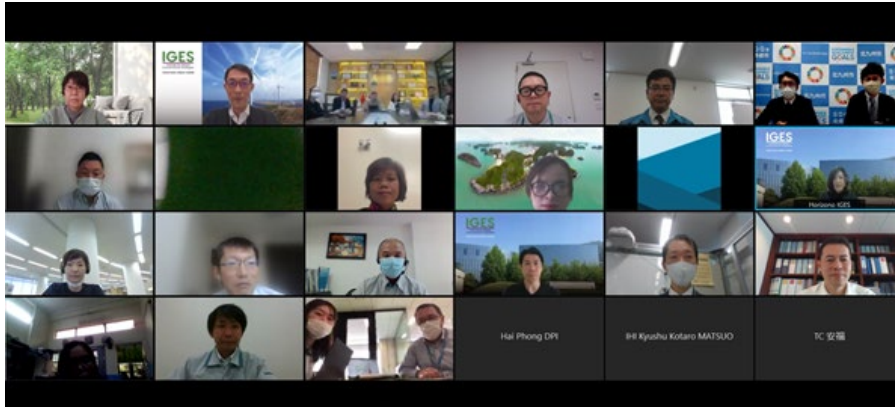


City-to-City Collaboration between Hai Phong City in Viet Nam and City of Kitakyushu

Structure



Photos



Kick-off meeting with Nam Cau Kien Industrial Park

Activities and tentative results

Activities

- Kick-off meeting (2 times)
- Final workshop (2 times)
- Consultation meetings with local companies (several times)
- Independent survey and analysis by the survey team

Tentative results

- Due to low retail electricity prices and poor sunlight conditions, the payback period for the combination of solar power and storage batteries will be long.
- There is a high level of interest and demand for the use of cement as a raw material and fuel, but the introduction of this technology has not been possible due to the ambiguity of the national system and standards. National standards need to be established.
- New needs for water treatment and waste treatment have been raised by Haiphong City and the industrial parks, so further study is needed in these areas.