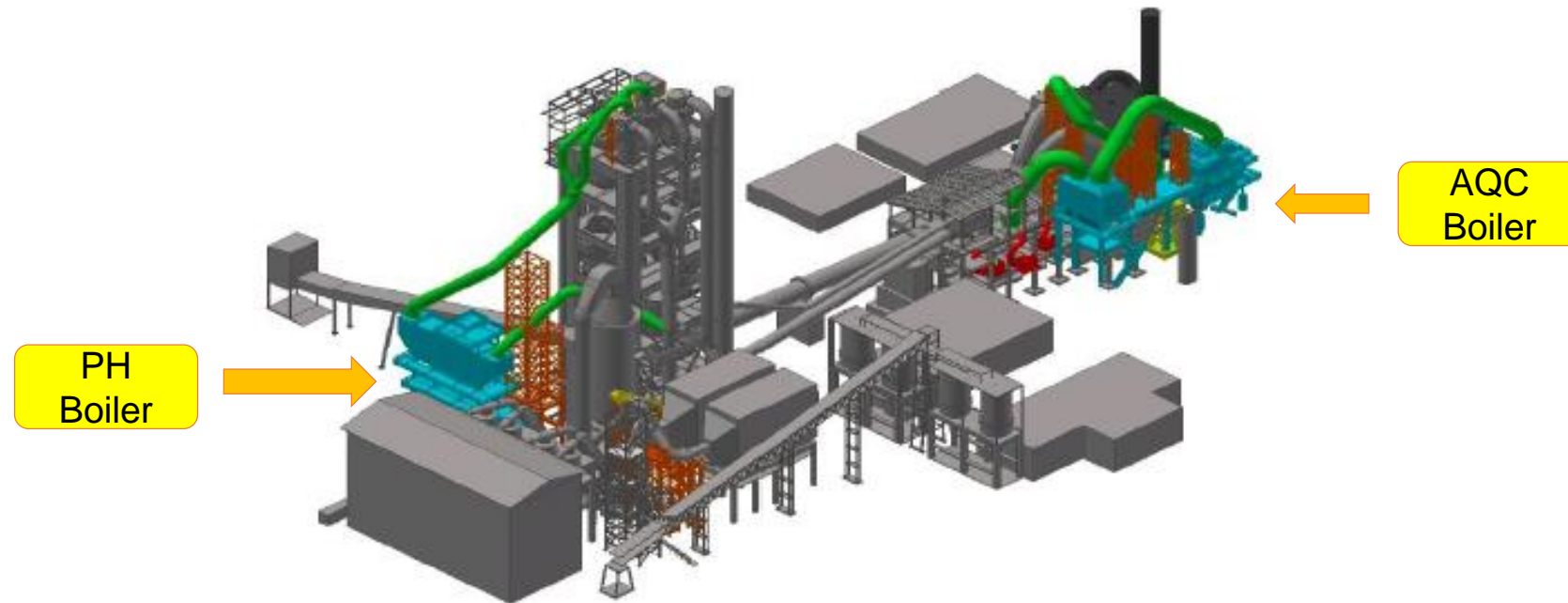


Seminar on the Joint Crediting Mechanism (JCM) Implementation in Thailand

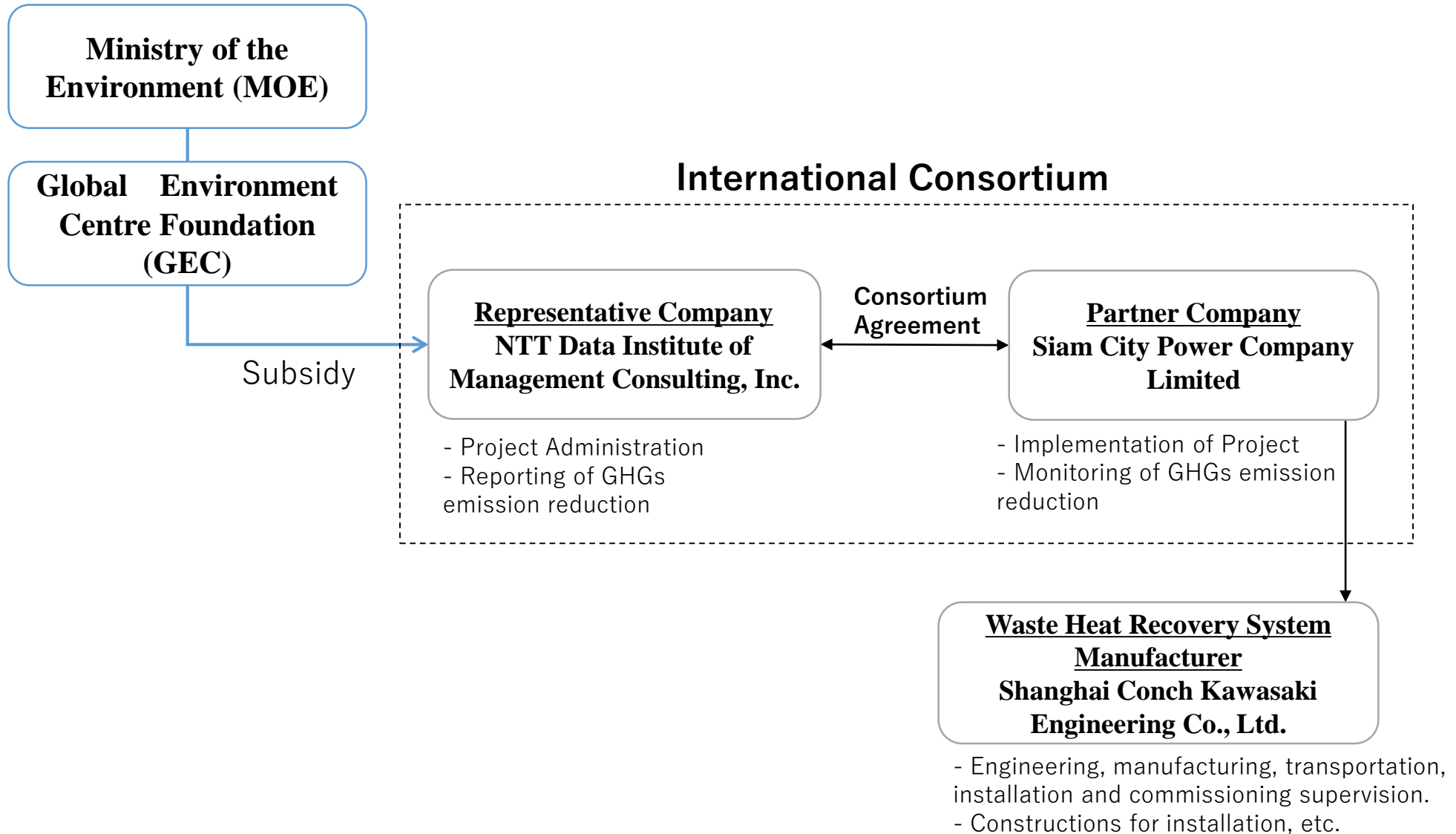
12-Sep-2019

1-1. Outline of the Project

- This project aims to improve the **energy efficiency of a Cement Plant** by introducing 12MW Waste Heat Recovery Power Generation System.
- In this project, a waste heat recovery boiler is installed at two places, a preheater section (PH) that heats raw material at the cement plant and a cooling section (AQC) that rapidly cools high-temperature clinker, and steam obtained from both boilers is used to generate electricity through a turbine and a power generator.
- The Waste Heat Recovery Power Generation System has been introduced by Shanghai Conch Kawasaki Engineering Co., Ltd., whose technology was provided by Kawasaki Engineering Co., Ltd., one of the largest engineering companies in Japan.



1-2. Organization of the Project



1-3. Introduction of NTT Data Institute of Management Consulting, Inc.

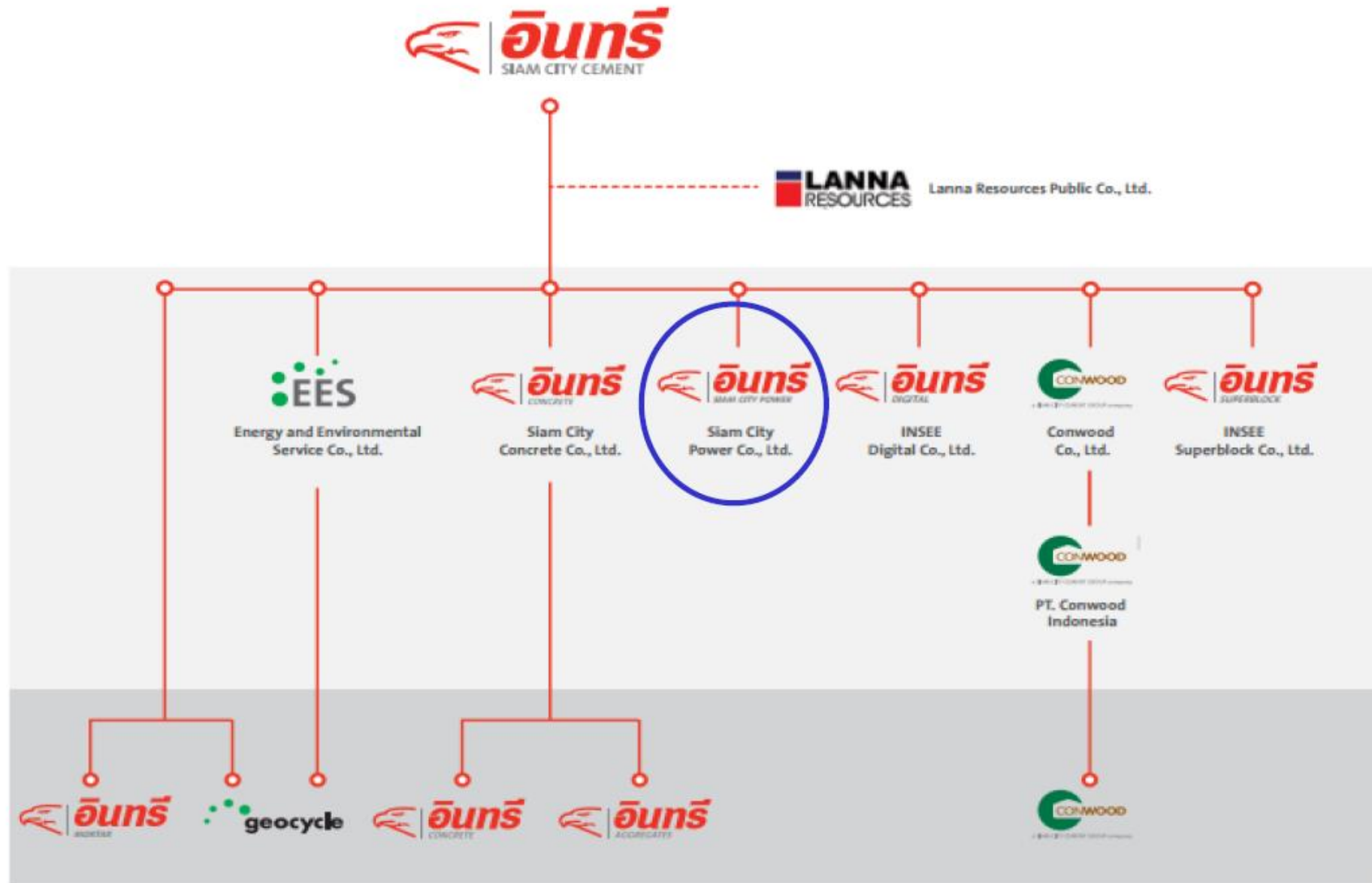


Business

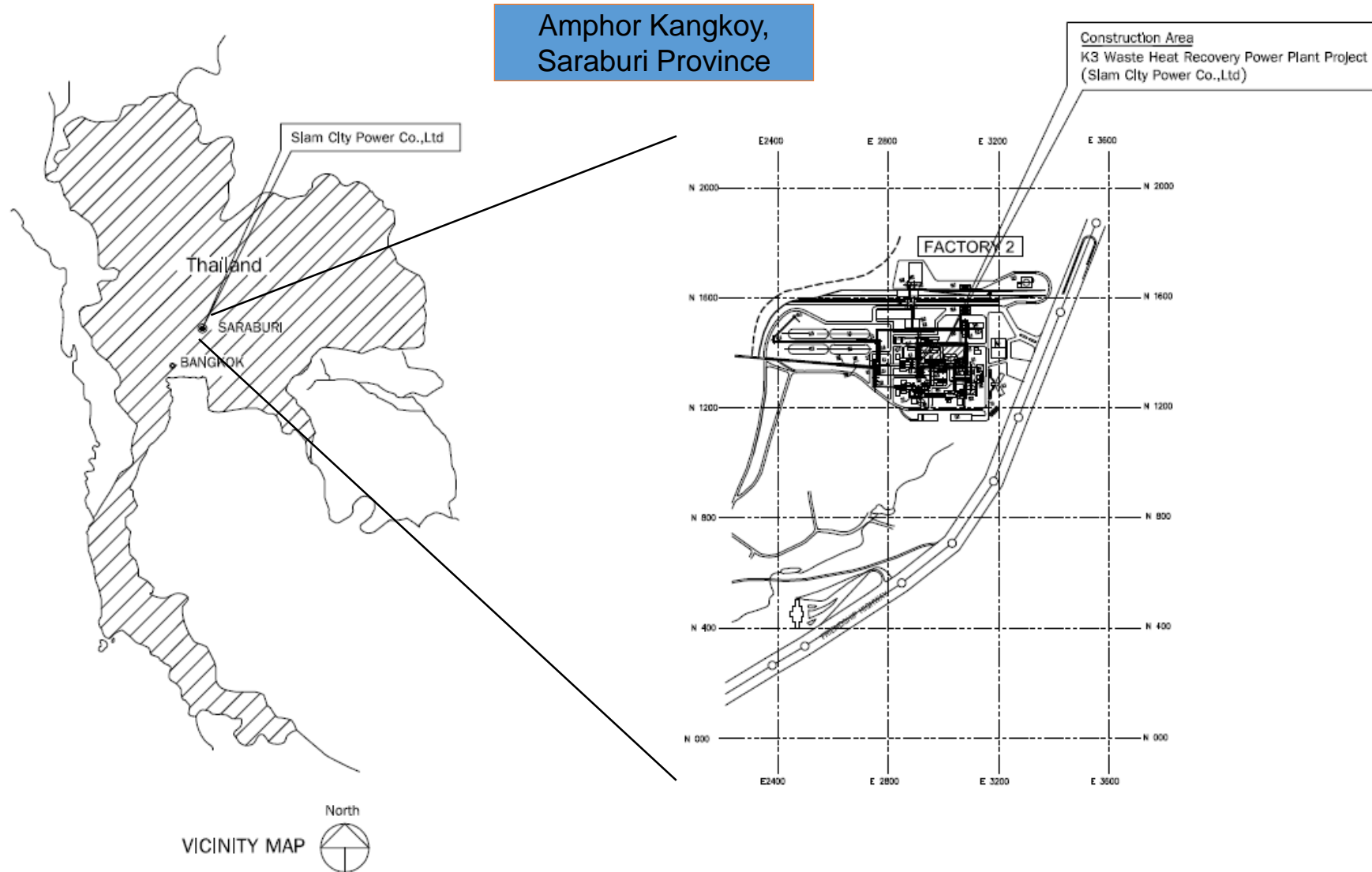
1. Investigative research and consulting services related to corporate management and public administration
2. Investigative research and consulting services related to the planning and development of information and communications systems
3. Investigative research and consulting services in the economic, social, industrial, cultural, and other spheres
4. Implementation/operation of education/training programs and seminars, information provision and publication concerning the above activities
5. All incidental services pertaining to the above activities

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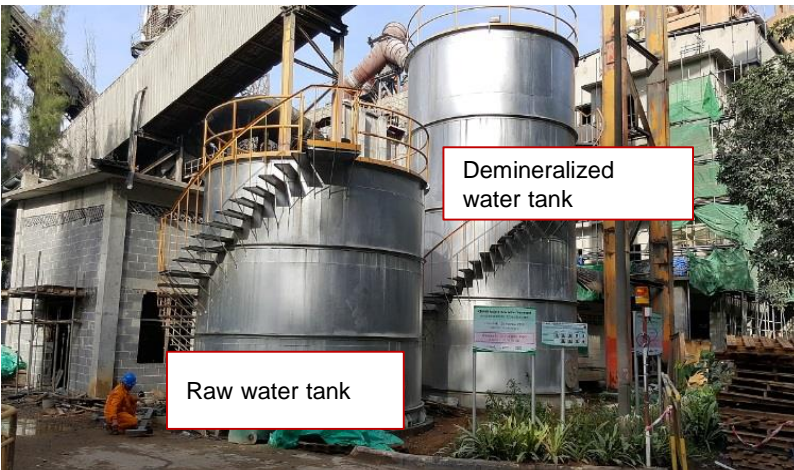
SCCC and its subsidiary companies



2-1. Site of the Project



2-3. Photos of Construction



3-1. Expected GHG Emission Reduction

- Expected GHG emission reduction is 31,180 tCO₂/year.

31,180 tCO₂/year

- CO₂ Emission reductions
= Reference CO₂ emissions (RE) – Project CO₂ emissions (PE)
- Exhaust heat recovery system: 31,180 tCO₂/year
 - ✓ RE: 31,180 tCO₂e/year
 - ✓ PE: 0 tCO₂e/year
- Grid CO₂ emission factor (0.5113 kgCO₂/kWh)

End of Slides