Sky Deck Visitor Centre, Deep Bay Sludge Treatment Facility

Project Description
Design Brief
The brief was to design a unique and memorable experience for the Sky Deck visitor space in the new Sludge Treatment Facility at Deep Bay, a state-of-the-art sustainable waste treatment plant in Hong Kong. The Sky Deck is in the final stages of establishing its visitor experience, which should include interaction and the use of ecological and reused materials to communicate a message of sustainability.

Design Outcome
Group 1 used clouds and mist as a theme to create an interactive way of demonstrating the link between humans and nature. The main idea was that clouds would form and change as visitors entered and interacted within the Sky Deck. Their other concept used the carbon footprint as a starting point, with visitors asked to store their shoes in footprint cubbies and walk across heat-sensitive flooring, thus helping to generate wind inside the space.

Group 2 relied on more emotional concepts, using Reflect, Ripple and Echo as themes. All of these themes touched on the fact that our environment has come to be what it is through our own hands, and that we can improve it through collaborative effort. Reflect used mirrors to reflect or expose the environment around us and the Sky Deck. Ripple used water from the reservoir to show the ripples effect of our actions. Echo used sound to remind visitors of the beauty in nature and encouraged users to leave messages for others.

The final theme, Cycle, was developed in a combined effort and was well received by the client. Composed of a ceiling system, two interactive walls, interactive message tables and modular furniture, Cycle represented the natural flow between humans and nature. The Raindrop Wall showed the urban side of Hong Kong, and the Vispore Wall showed its natural side. Visitors could view these walls and leave comments on message tables. Others could rest on the furniture while taking in the activities and the view.

Modular furniture system
- Special features
  - Foldable
  - Comfortable, soft and elastic
  - Create your own space and shape
  - Move to empty view
  - Natural wood textures