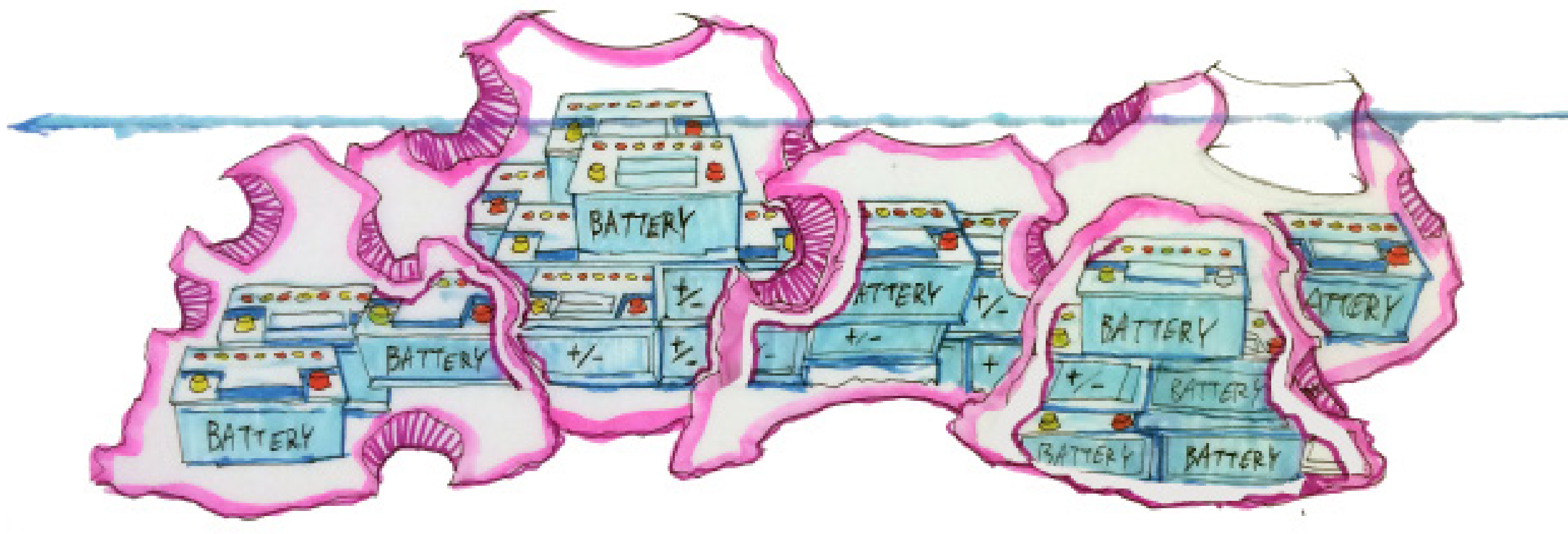
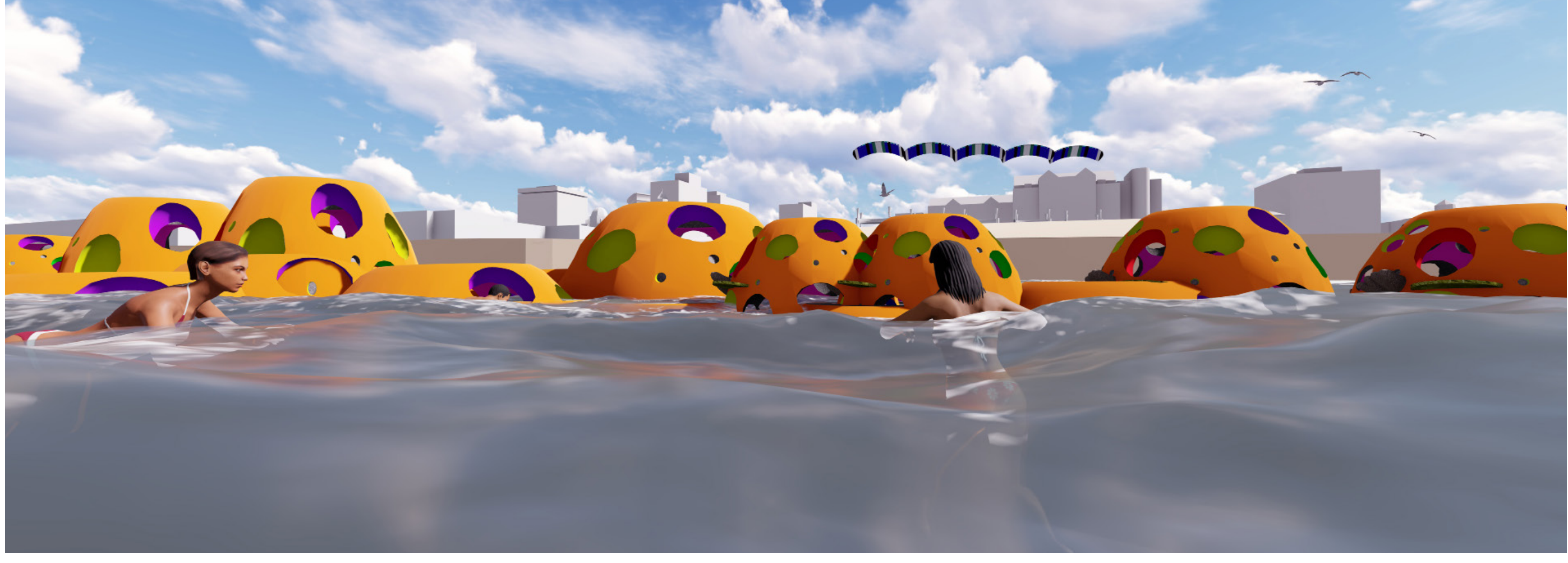
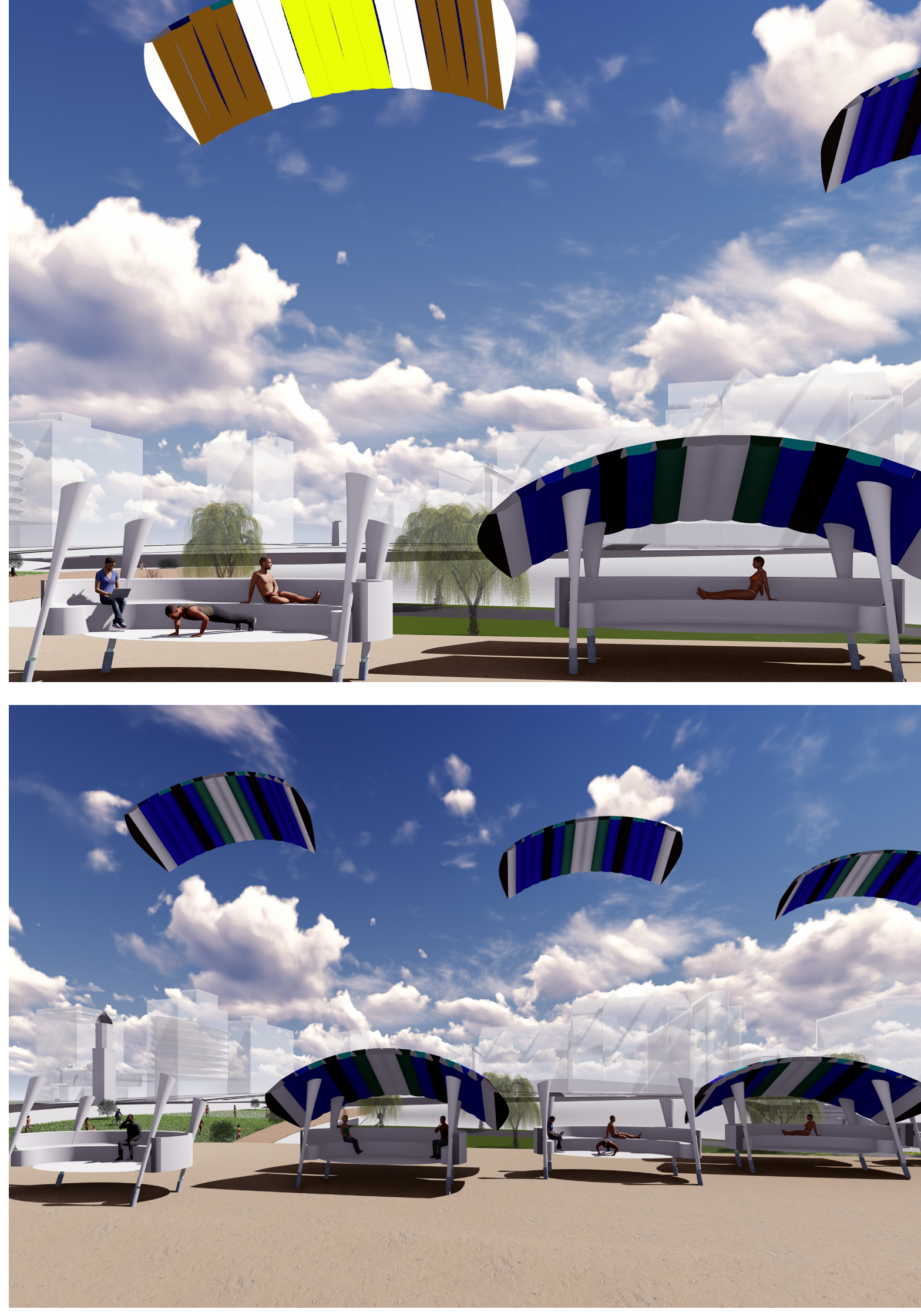
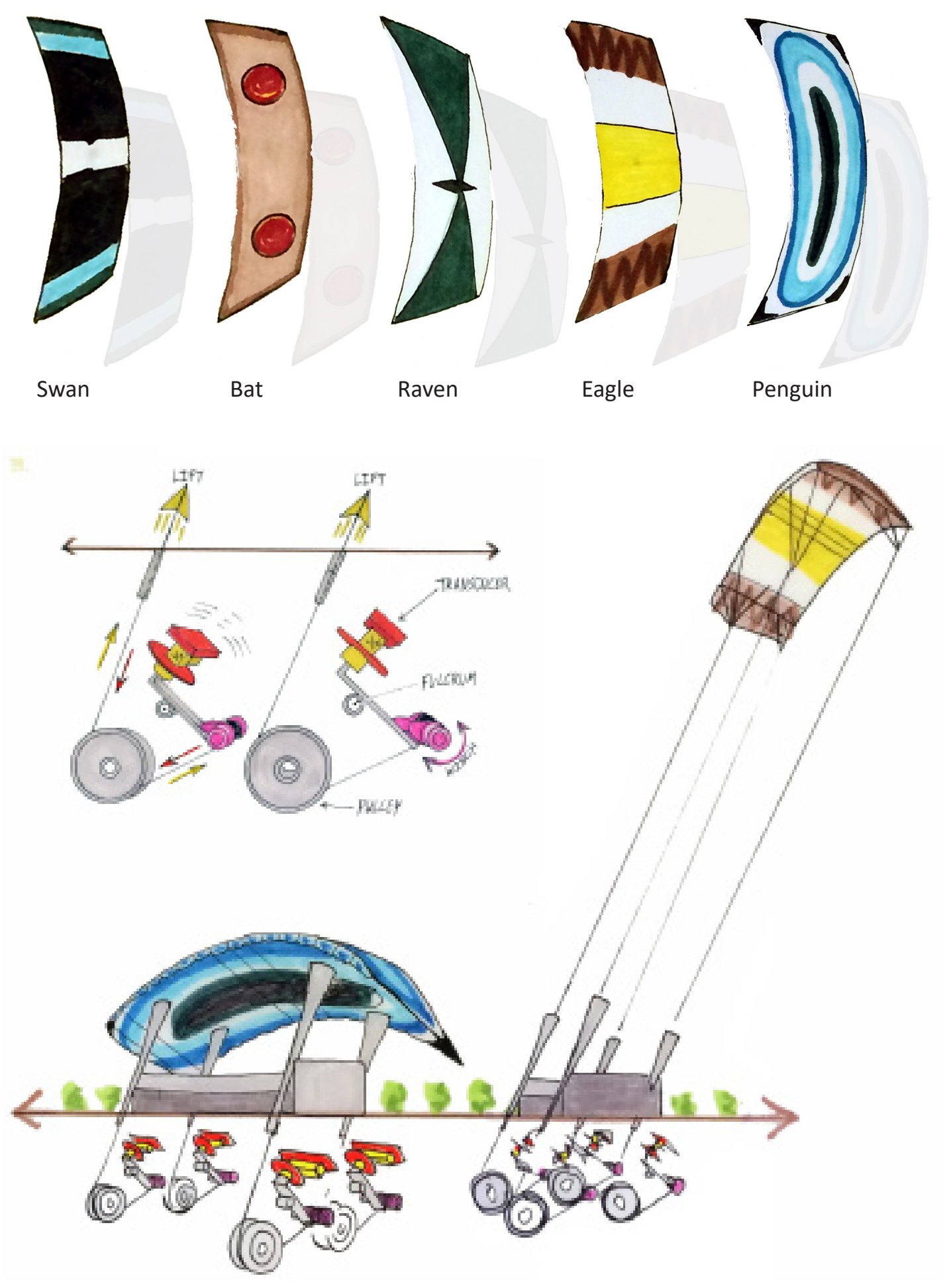


LAND ART GENERATION

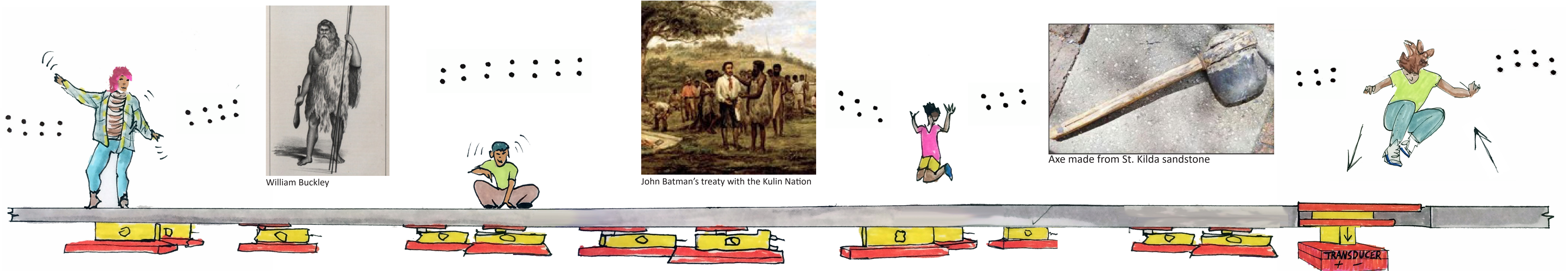
Five *KILDA KITES* soar with winds blowing across Port Phillip Bay and generate 210,000 kWh of electricity each year. A simple underground pulley, lever, fulcrum and winch system maintains the altitude and stability of each airfoil. Transducers convert lift, pitch, and yaw resistance into useable energy. When winds are calm the kites are reeled back to their ports on the beach and become sun shades for public benches facing the bay.



The convection power of water allows *BATTERY REEF* to maximize energy storage by keeping the environmental and economic costs of cooling to a minimum. The design and location of *BATTERY REEF* blends with ecosystem services as it invites aquatic flora and fauna to establish a healthy reef habitat. *BATTERY REEF* can be scaled up to meet growing demands for energy storage. Rather than consume valuable space for energy storage, *BATTERY REEF* cleans water, protects shoreline, and encourages diversification of plants and animals. As it grows, *BATTERY REEF* becomes a sustainable public park with unique opportunities to educate, entertain and generate revenue for St Kilda.

User experience and way finding is inspired by the dynamic meditative patterns of Aboriginal dot paintings. Pedestrians of all ages can generate electricity by jumping on circular drum pads installed along the *TIME LINE*. This activity aims to bring people together as they generate electricity and contemporary Aboriginal beats in real time.

At almost 400 meters long, the *TIME LINE* will generate an average of 6,750,000 kW hours of electricity a year, day and night, rain or shine. That's enough for 625 homes!



WATT TIME
Horizontal LED screens retrofitted to Catani clock tower display Land Art Generation capacity in real time.