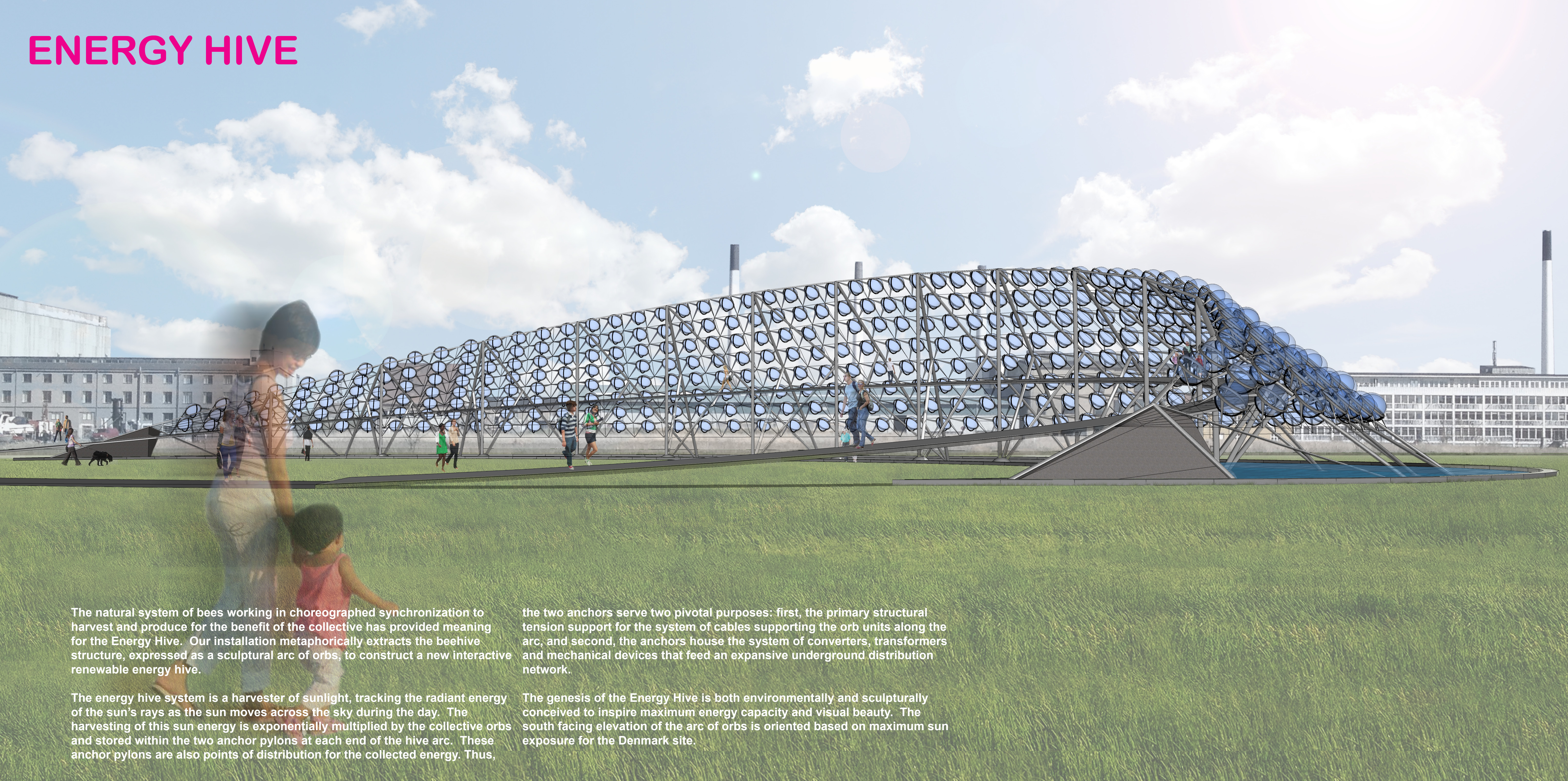


ENERGY HIVE



The natural system of bees working in choreographed synchronization to harvest and produce for the benefit of the collective has provided meaning for the Energy Hive. Our installation metaphorically extracts the beehive structure, expressed as a sculptural arc of orbs, to construct a new interactive renewable energy hive.

The energy hive system is a harvester of sunlight, tracking the radiant energy of the sun's rays as the sun moves across the sky during the day. The harvesting of this sun energy is exponentially multiplied by the collective orbs and stored within the two anchor pylons at each end of the hive arc. These anchor pylons are also points of distribution for the collected energy. Thus,

the two anchors serve two pivotal purposes: first, the primary structural tension support for the system of cables supporting the orb units along the arc, and second, the anchors house the system of converters, transformers and mechanical devices that feed an expansive underground distribution network.

The genesis of the Energy Hive is both environmentally and sculpturally conceived to inspire maximum energy capacity and visual beauty. The south facing elevation of the arc of orbs is oriented based on maximum sun exposure for the Denmark site.

Inspiration = Transformation of Natural System to Man-made System

