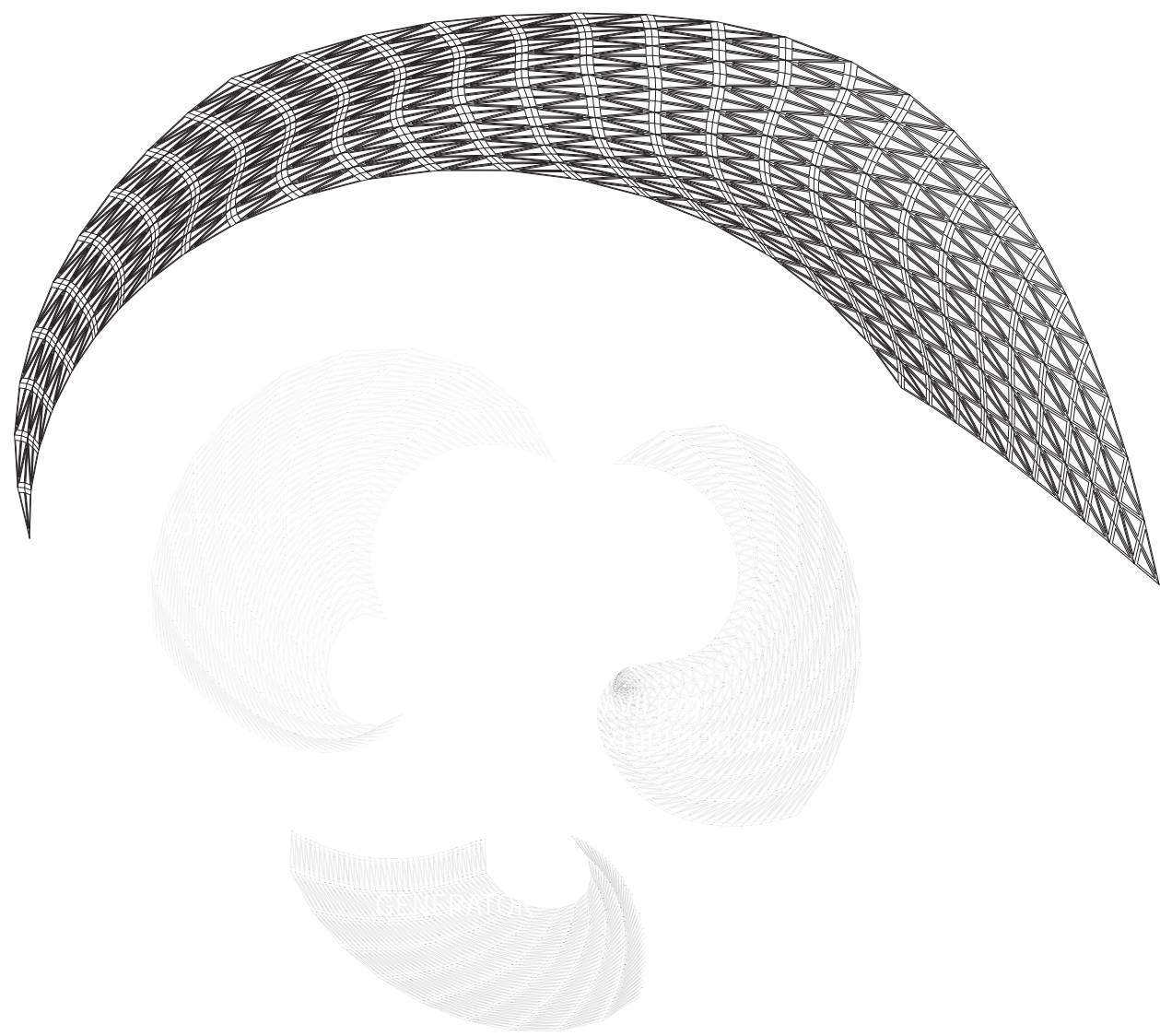


Function Diagram



**AIRnergy**  
Copenhagen Land Art Generator Initiative 2014

**DESIGN EXPERIENCE**

A journey through AIRnergy will break the social stigma against the grim aesthetics and lack of efficiency of renewable energy generators. The division of spatial programs encompasses the intricacy of energy generation, the human context of joyous kinfolk, building activities, education and a display of technology. Through the articulation of different spatial qualities, three main functions will be executed; View, Play, Learn.

**VIEW**

The monstrous aesthetic provides a stark contrast to the fluid overall form. The structure creates a labyrinth of intricately populated wind-sensitive piezoelectric panels. This display is influenced by the motion of wind as it passes through the site. This intensifies the intricate details of energy generation and results in safe, carbon neutral and eco-friendly energy generation. Through the structure, technology and sub-components, the fluid display of motion and natural flow illustrates a tangible and logical harvesting of wind energy.

**PLAY**

The form of AIRnergy exhibits a playful organisation of spaces. It provides a cheerful experience and juxtaposition between revealed and concealed spaces, creating a subtle interlocking relationship between the interior and exterior environment. With the dynamics of the piezoelectric flaps, a cheeky hide-and-seek playground setting is shaped, which hence structures a platform for creative interaction between fellow visitors and the landscape. The visual qualities are a reflection that AIRnergy is an extension of a landscape that captures wind energy and funnels it through the geometry of the design. It is not only an energy generator but also a public space, creating a future landmark and escapade for the people of Copenhagen.

**LEARN**

The educational structures comprise of a pavilion, workshop and exhibition space. In the exhibition space, the power-generating machine of the system is framed like a jewel, symbolising the appreciation of the beauty of renewable energy. This space can be used as an exhibition space for further revolutionary or conventional pieces of renewable energy systems and to host other renewable energy or community based programs. The workshop space is an opportunity to learn and a public workshop where visitors are able to fabricate their own piezoelectric panels. A CNC machine and other industry standard facilities will be retrofitted into the space to allow guests to gain first-hand experience on manufacturing their own panel design onsite. AIRnergy is a breakaway from the austere perception towards renewable energy systems that is a divine option which genuinely has a fresh breath away from the otherwise chaos, machine-like dystopia.