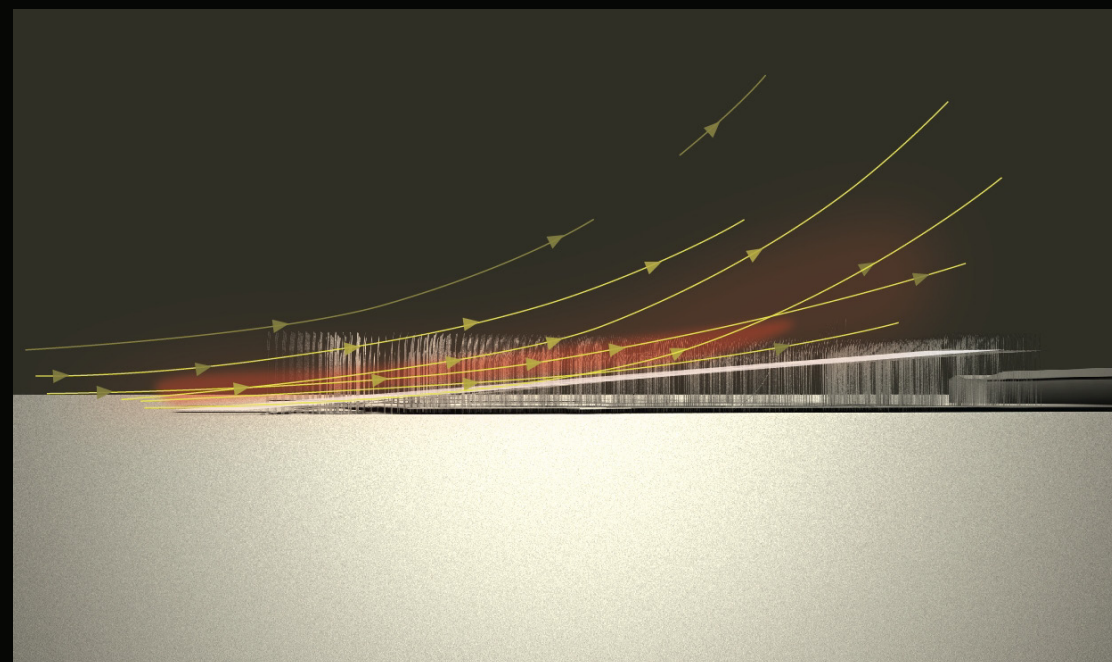
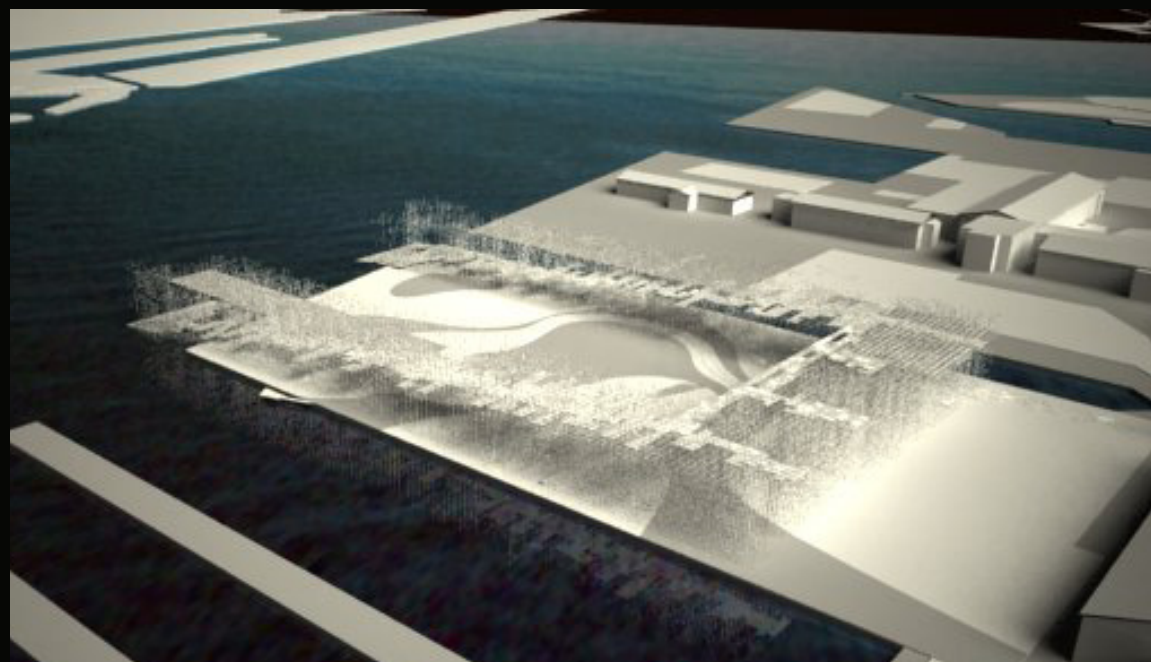


air flow of artificial valley



air flow of sloped hill



model of bird's eye view

The little mermaid, which is one of the most important landmarks in Copenhagen, would be a critical viewpoint by many annual visitors. The idea of our project started from the beautiful story that the little mermaid became foam at the end of the Han Christian Andersen's literature.

The sustainable energy infrastructure, Lightfoam, appears with a new look as an abstract connection of the world literary legacy. The first impression of the site relating to surrounding conditions often becomes a critical starting point to designers who are searching for key solutions of the new project. The project site is located at Refshaleøen, which is a mermaid island in Copenhagen's harbor. It means many people could see the design site easily along the port's waterways and from the statue of the little mermaid, a popular tourist destination, right on the other side. As a gateway of Copenhagen or a background scene of the little mermaid, Lightfoam will be expressed as an aesthetic and symbolic art. Long poles standing on artificial wind slopes continually move like a field of reeds according to the direction of wind. Shining by daylight reflection and the dim lighting at night draws us to imagine a scene of the little mermaid.

There are some design keys that will be explained below. We have concerned our infrastructure producing sustainable green energy by ocean wind, a critical environmental energy factor and having an artistic view from the ocean as a gateway approaching to Copenhagen's harbor. In addition, considering bleak harbor landscape and the local culture such as riding a bike in everyday life is also a crucial solution to make appropriate programs in this design site.

Lightfoam

_aesthetic and sympathetic art

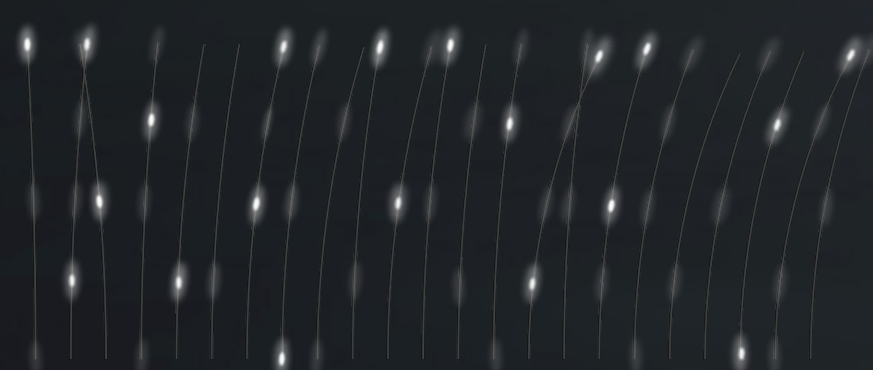
Lighting Variations



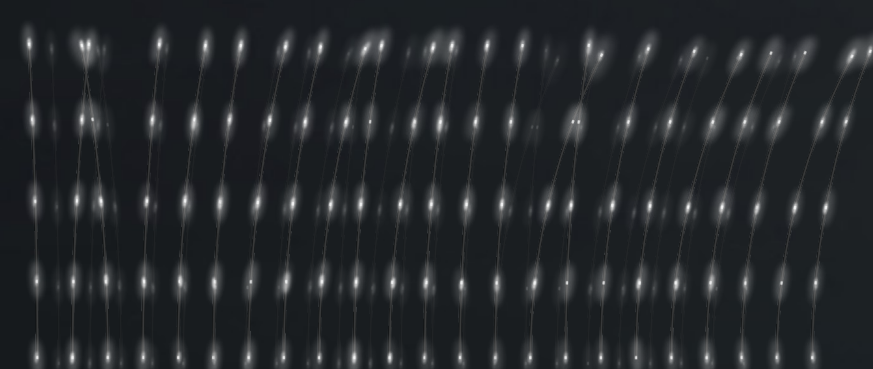
dim effect



reed effect



foam effect



festival effect

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