

KEUKENHOFDREEF – THE GREENHOUSE

DESIGNED BY KAJA HRIBŠEK AND BRYAN ARENDS

THE SITE

The Green line is a very special line in South-Holland. It is a route leading through endless flower fields, agricultural landscape and through the scape of the dunes. This bus line is immensely visited by the tourists. Because of that, we deemed it important to create the kind of bus stops which would leave a memory and a permanent association to the places that the tourists visit.

Keukenhof, also known as the Garden of Europe, is one of the world's largest flower gardens, situated in the municipality of Lisse in the Netherlands. According to the official website, Keukenhof Park covers an area of 32 hectares and approximately 7 million flower bulbs are planted in the gardens annually.

Keukenhofdreef is the bus stop, leading exactly to the Keukenhof garden. Because of that, we considered this the perfect location for the placement of our design. The bus stop takes an image of a glasshouse, being an element that represents the area and its identity. When coming upon the glasshouse bus stop, one is immediately introduced to the symbol of Keukenhof and the symbol of the Netherlands.



CONCEPT

In the research of power structures in architecture, we stumbled upon the greenhouse. The greenhouse seems to be the powerhouse of the Netherlands. It is the epitome of self-sufficiency, curiosity and technological advancement. There is as well an aesthetic and atmospheric feature to it.

Our proposal is a bus stop, combined with a greenhouse. Why not make the daily wait for the bus pleasant, enjoyable and relaxing? Can the bus stop become a place, where people just want to unwind, read a book immersed between the greenery? Can the bus stop become a place that unites and connect the neighborhood, through the common care for the greenhouse, a place to learn and express yourself?

The bus stop - greenhouse consists of the two areas, the more traditional waiting area and a greenhouse area, where one can enter and sit surrounded by the flowers. Through the choice of aromatic and herbal plants, a pleasant experience is created. The plants filter the air and as well work as natural isolators, dimming the sounds from the noisy road. Due to the structure and isolative properties of the greenhouse it provides a great shelter in the winter, as it warms up the space. And in the summer, due to its openings and a ventilation system, a pleasant breeze can be let through. The bus stop takes use of what the nature provides. An incorporated watering system, takes use of the rainwater to water the plants. The solar-powered energy powers all of the lights and the watering system. The bus stop even stretches beyond its borders as there is a garden area around it as well, where aromatic plants are planted - creating the stop as its own green zone. Our bus stop becomes a place of cultivation and well-being.





THE CONCEPT OF SUSTAINABILITY

As the designers in these times, where the care for the environment and sustainability is of utmost importance, the choice of materials was very important for our bus stop design. Due to that, we have chosen to use the material resysta. Resysta is predominantly made up of rice hull, a waste product found within the food industry, and has many similar qualities to that of wood. It is a circular and fully sustainable material, with great building qualities.

However, we do not see sustainability just in the choice of material. We see sustainability as well in creating a healthy environment, with good atmosphere that will as well last. For us, the approach to sustainability is as well an approach to well-being.

We asked ourselves the following: In the times, where we are constantly on the go and under stress, can we increase the well-being of a person in their daily lives, even if just for a

few minutes, while waiting on the bus? Can even the bus stop become a place to relax for a minute and set your mind at ease?

Therefore this bus station promotes a healthy environment, with aromatic plants for well-being, plants that through filtering, provide better air quality, creating a shelter, creating a place where one feels warm and relaxed. What better way to bring that, than to use the technology of the greenhouse, which is one of the greatest Dutch achievements in growing plants more sustainably?

