The Smoke Dome
Design of a smoke solution for professional use

Introduction
Since 1990 a smoke free working environment is compulsory at institutions, since 2004 on the work floor in general and since 2008 in the catering industry. This graduation project describes the development of a smoke solution to be used at companies, events and in the catering industry. The project is executed for Neptunus structures, a company that develops, manufactures and rents out temporary structures of superior quality for the event and business market.

Problem Definition
Since the smoke restriction smoking is only allowed in the open air and in isolated, ventilated smoking cabins. In companies and institutions those cabins, if present at all, often are very unpleasant and depressing to spend time in. This means that smokers frequently go outside into the cold and the rain to smoke their cigarette. Furthermore small bars are threatened to lose customers to big bars that do have the possibility to provide a smoke solution for their clients.

Usage

The Smoke Dome
The smoke solution is a semi-permanent construction, which can be build by the bar owner, the company or the event builder. It can be build up time after time or remain fully constructed throughout the year.

Adjusting to climate
The Smoke Solution can be adjusted to the climate by sliding the front sides of the tent open. This means the smoke solution can function as an smoke cabin or as a smoke shelter.

Smoke circulation
Two sides and the roof of the Smoke Solution have been equipped with a piece of wire gauze in the canvas to make air circulation possible. The air enters through the strips at the bottom, the smoke will rise and leave the Smoke Solution through the strip in the roof.

Marketing Possibilities
The Smoke Dome can be bought by bars or by companies to function as smoke cabin. Their logo can be printed on the canvas. Breweries can also buy a custom made smoke solution to be used as promotional objectives to donate to bars or place at festivals.

Events rent the Smoke Dome from Neptunus. This is a plane white model to fit the Neptunus portfolio. If wanted, an event can custom made the smoke solution, but they have to purchase it.

Bregje Nabuurs
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Integrated Product Design

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