Looking back at my approach of process and design, my focus was to define the chances and the relationship between architecture and automobile and design a new building typology. I positioned myself as a visionary architect that gives us a glimpse of the relationship with automobile in the future. By doing literature research and case studies about technical solutions for highway pollutants and eliminating the least suited solutions by creating sets of criteria, I was able to create a design approach for this subject. During the design process my aim was doing a study/experiment on a new building typology (shopping mall 2.0) where cars have a specific roll in the building program.

The theme of integrating architecture, automobile and infrastructure (highway) relates to the graduation lab architectural engineering. The highway pollutants requires engineering solutions for the building design.

The project in wider social context relates in the phenomenal of cities in the Netherlands that are growing and getting denser with increase citizens. This will result into an urgent need of liveable space. The only potential space left is in the highway environment.

The current highway environment is unhealthy and is almost inaccessible for pedestrians and cyclists. This creates a huge physical barrier within the city fabric. By not challenging the highway problems regarding to the pollutants, the physical barrier and the poor spatial living quality, the city will result into an unhealthy living environment with no spatial qualities.

Overall, the research approach had a positive result. The literature research and case studies, gave me a clear overview of the current state of technical developments and possibilities to apply into the building design process. However, during my design process I was really struggling with making the right decisions to prevent conventional solutions. I did not have a clear design focus in the beginning. This resulted in changing and re-evaluating the concept over and over again. So, it was really the translation of the literal research into a physical design with a future vision that made it hard for me. This could be prevented if I had set a clear design focus in the beginning. This will result into a clear framework for the design process.
After my first P4 I was able to make a modelling study that gave me a better understanding of the impact of scale and the logistics of the building. As a result, I was able to make clear decisions. The new insight helped me to structure my building concept in sub themes that will give a clear focus of my design task.

**Fig. 3:** design concept divided in sub themes (own ill.)

**Fig. 4:** modelling study (own ill.)