



Intersection of the Vliestraat  
and Vredenburg in Utrecht  
(NorthbyNinaWest, 2021)

# Excursion

## Sustainable Design

# Netherlands & Germany

Teachers: Prof. Dietrich Schwarz and David Kloeg MSc Arch, for the Advanced Studio Sustainable Design.

The estimated cost of the excursion week is CHF 600.

This five-day excursion explores mobility systems, infrastructure, and construction methods in the Netherlands and Germany to support your project. The trip combines visits to production facilities, transport infrastructures, and urban districts, linking spatial experience with technical understanding through observation, drawing, and measurement.

In Germany, the excursion begins at the Intamin production site near Cologne, where you gain insight into the manufacturing of people movers and also roller coasters. We look at the production processes and system dimensions relevant to future mobility concepts. In Wuppertal, the historic Schwebbahn offers a unique experience of suspended transport. You observe the urban spatial conditions above and below the stations. To support constructive understanding we will visit a laminated wood construction company, where the focus lies on large-span timber structures for infrastructural projects, joint design, and industrial prefabrication, to get an understanding of detailing and construction.

In the Netherlands, we analyze mobility hubs and public spaces. At different train stations we observe the urban spaces and measure and draw sections of mobility lines and constructions, study bicycle infrastructure, bus integration, and looking at its ecological embedding. In the city of Utrecht, we get insight into bicycle planning, including a visit to the world's largest bicycle parking facility. Further stops include a futuristic elevated tram infrastructure in The Hague and optional also ecologically embedded tram stops in park landscapes, and the car-free Merwede district in Utrecht, demonstrating future-oriented urban mobility and spatial design.