

# Introduction

L5IN Project and Scan Work package

# L5IN Team

- Project Goal: is to use a concrete application example to show how indoor navigation based on 5G can become a platform for diverse applications with the help of a generic software solution.
- Work Packages
  - Scan (Cigdem)
  - Database (Caroline)
  - Positioning (Hossein, Dorian)
  - BIM (Vladeta, Nils)
  - 5G (Nils)

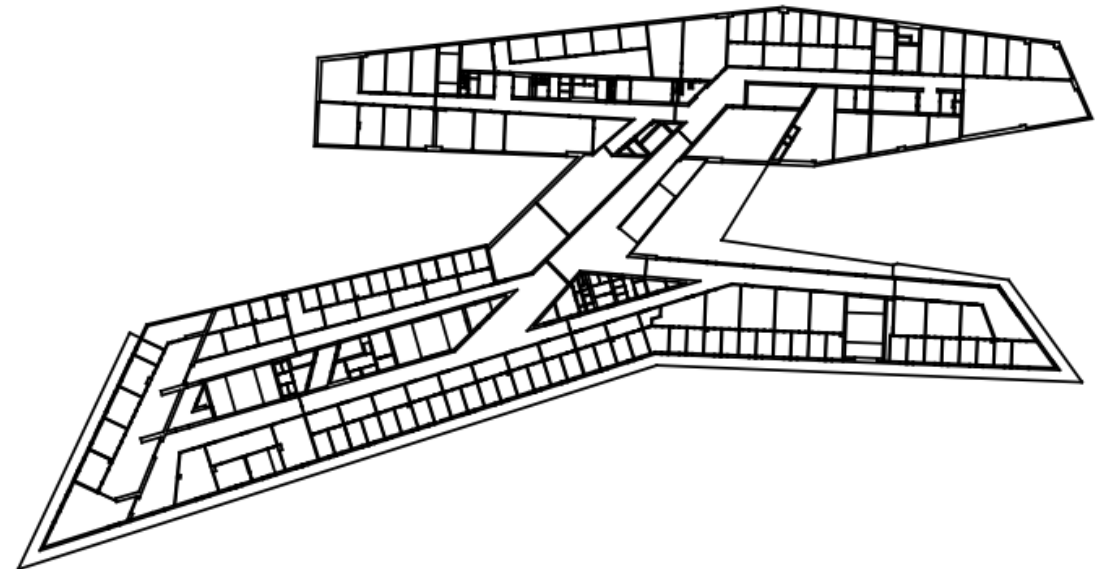
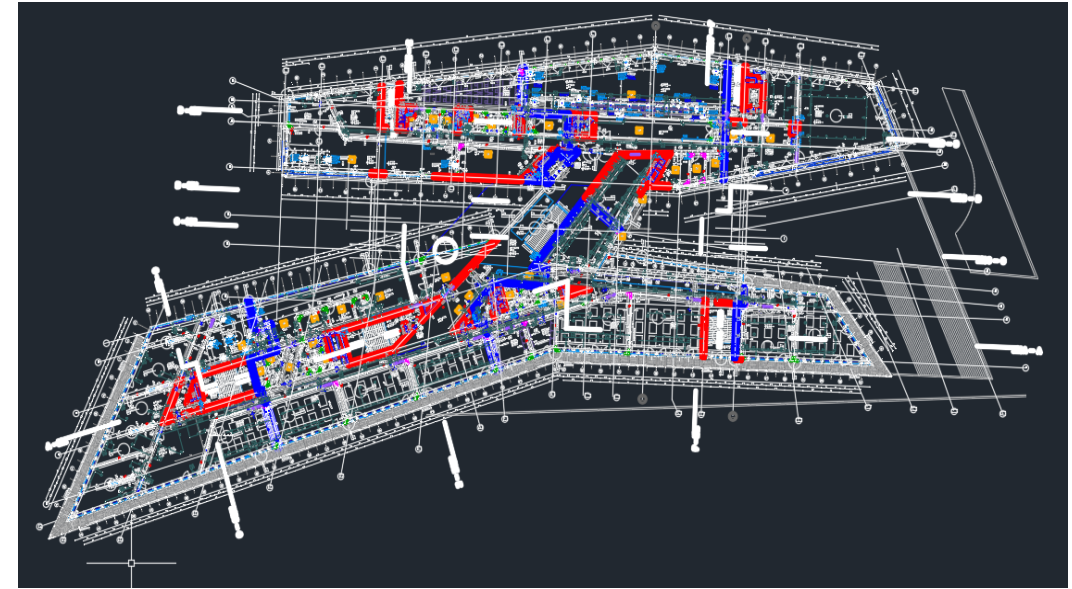


# Communication and data exchange

- Meetings and chatting are managed over MS Teams
- Document exchange is via HCU Cloud or MS Teams
  - <https://cloud.hcu-hamburg.de/nextcloud/s/Nz5oCi4Sck6kqbt>
- In the team Google Calendar is used for to track the Hiwi meetings

# Task 1: Dxf2Geojson

- Available data: the architectural plans of the HCU building.
- So far: The files are cleaned manually
- Aim: To define an automated workflow for this procedure



# Task 2: Map generation from rescue plans

- Available data: rescue plan pictures
- Aim: an automated workflow to generate maps
- So far: Karl's work is available, needs to be improved.
- Problems: symbol detection and removal, line detection, image stitching

