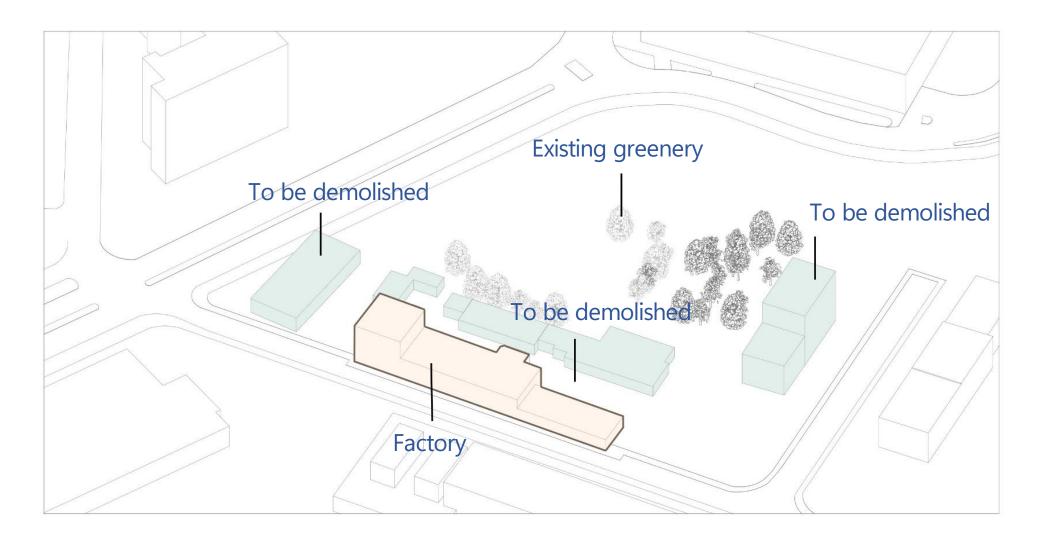




Co-Living in Unity, Balance and Equality

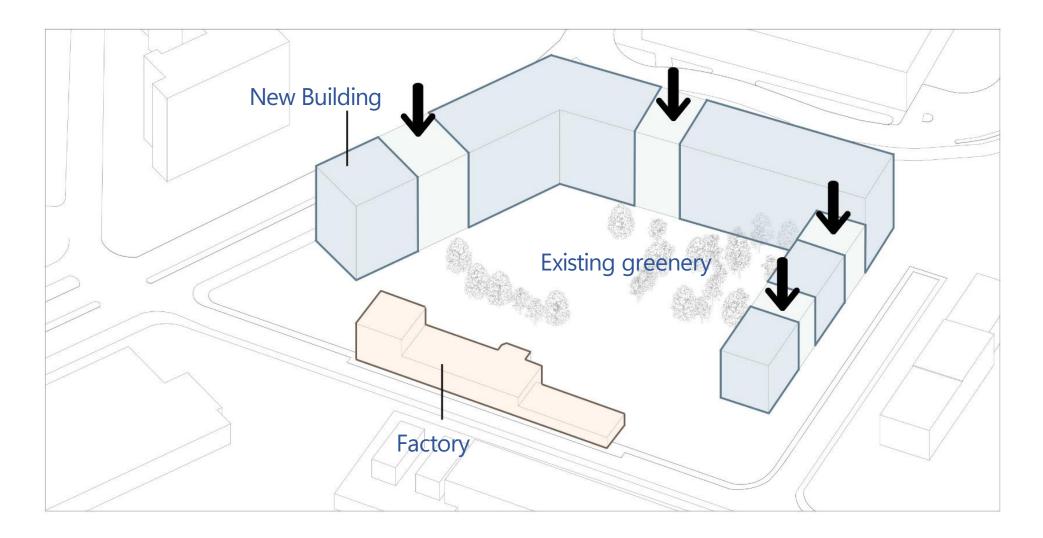






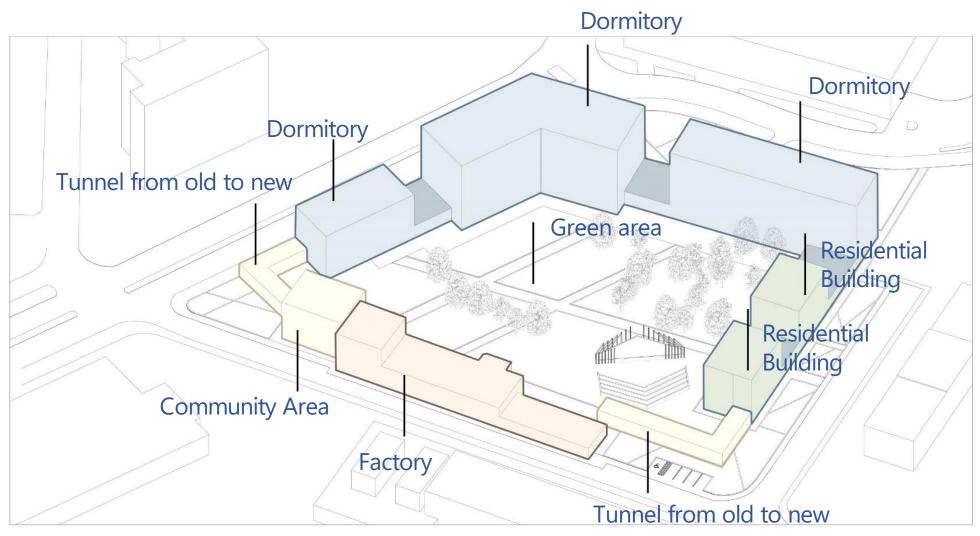
Analysis



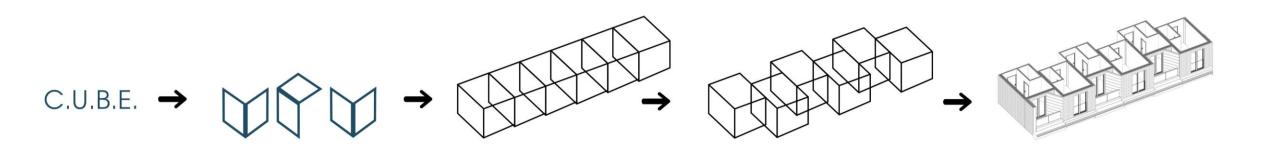


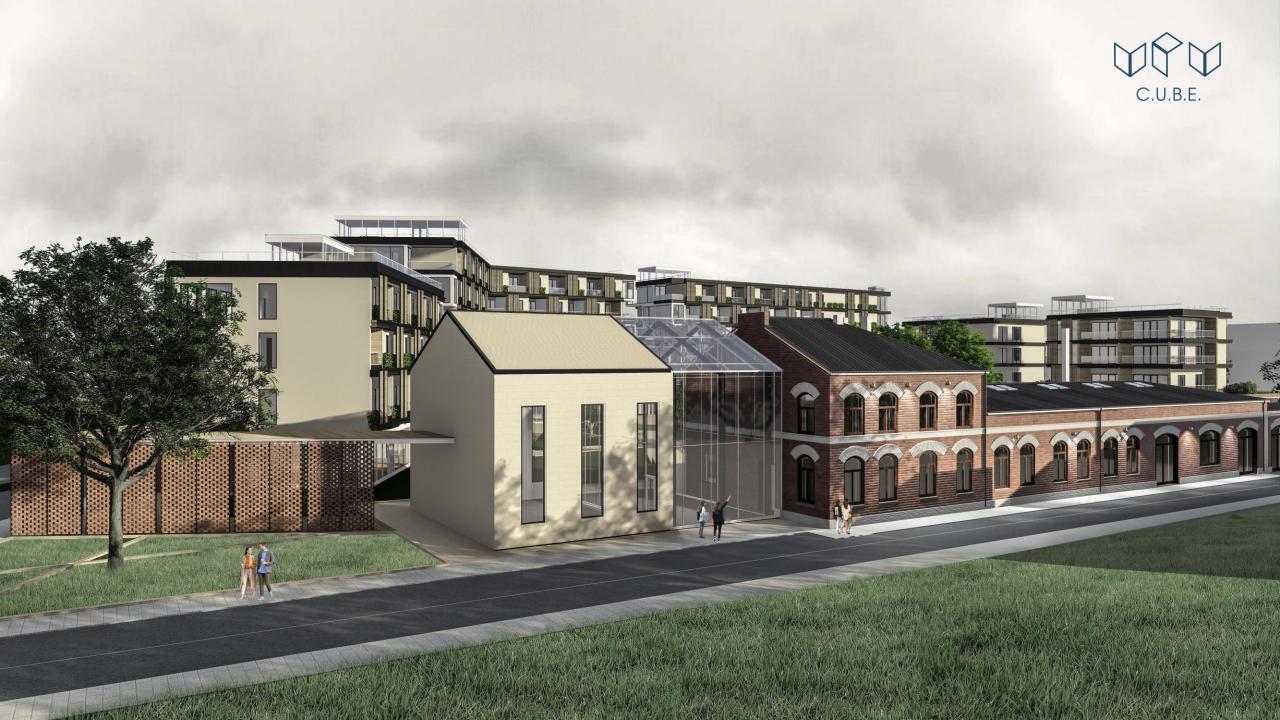
Analysis





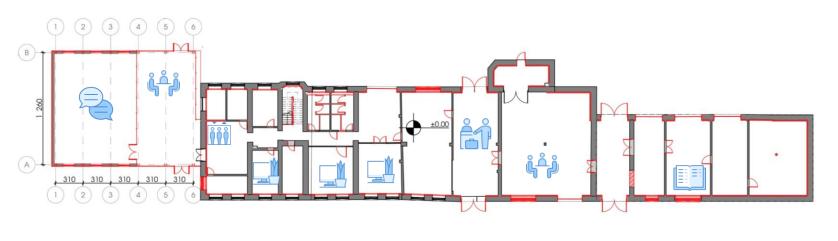




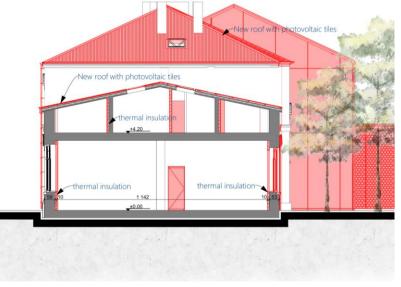


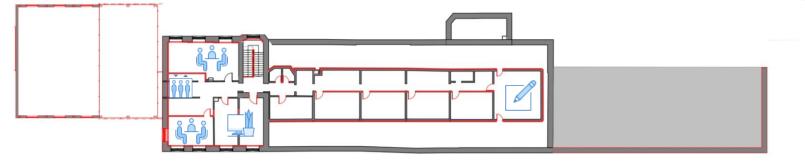


## The Factory



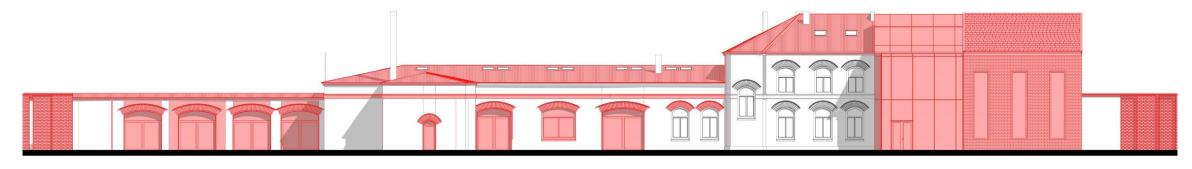
1<sup>st</sup> Level





The project intervention is shown in red. It is envisaged that the factory will be thermally insulated on the inside with ISOVER PLU NT 10 cm thermal insulation.

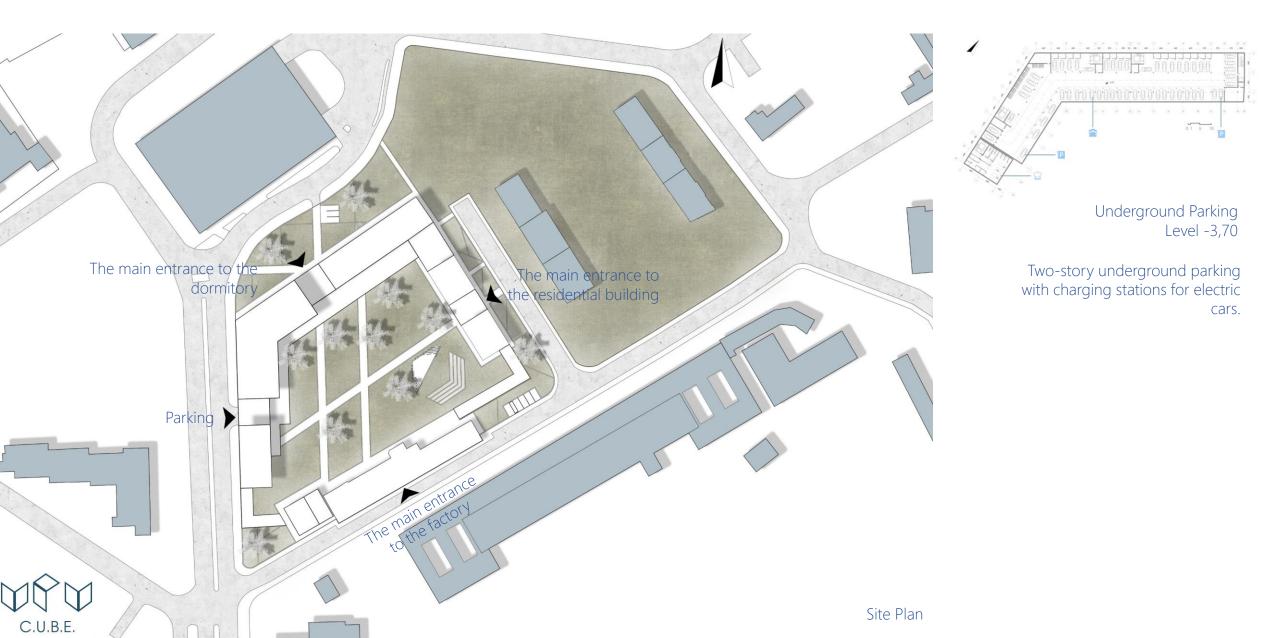


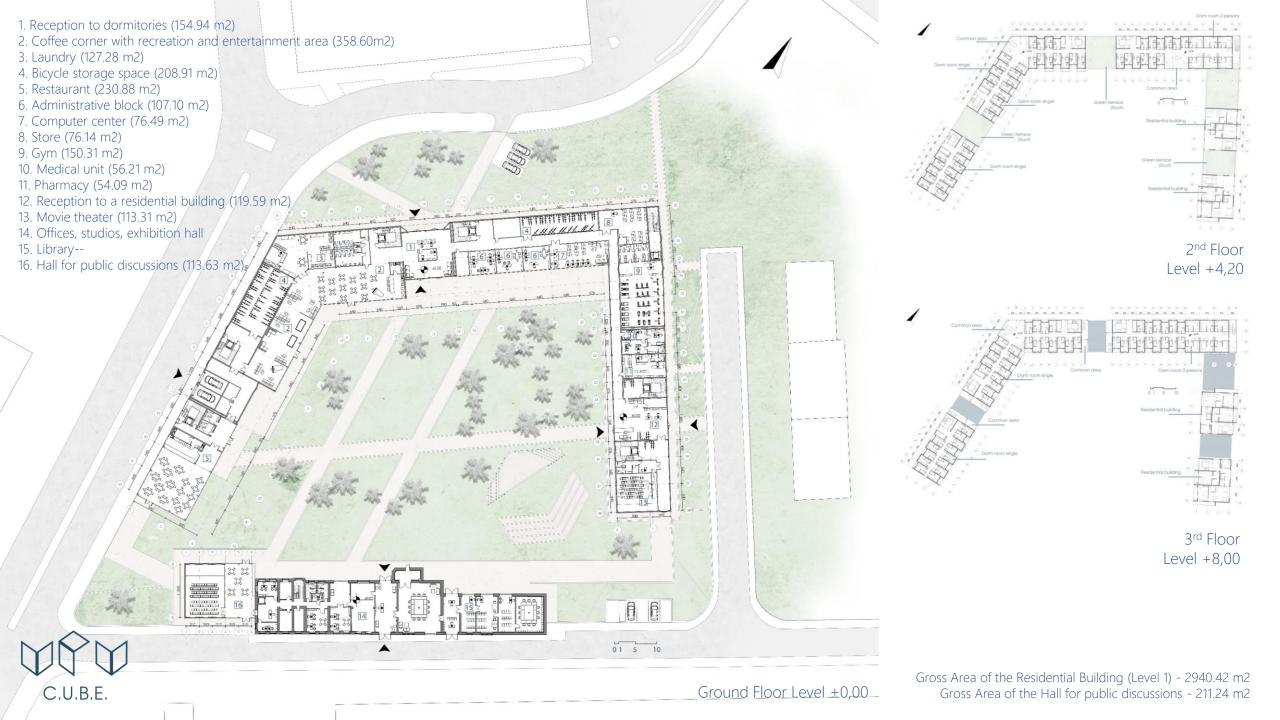


Elevations of the factory Reconstruction of the silhouette



## The Dormitory







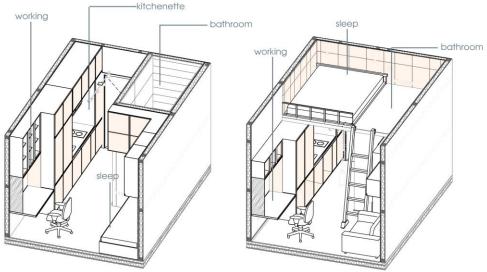
### The Rooms



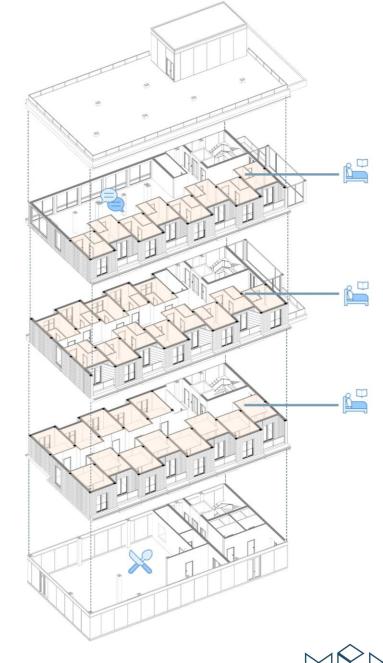


Dorm room single

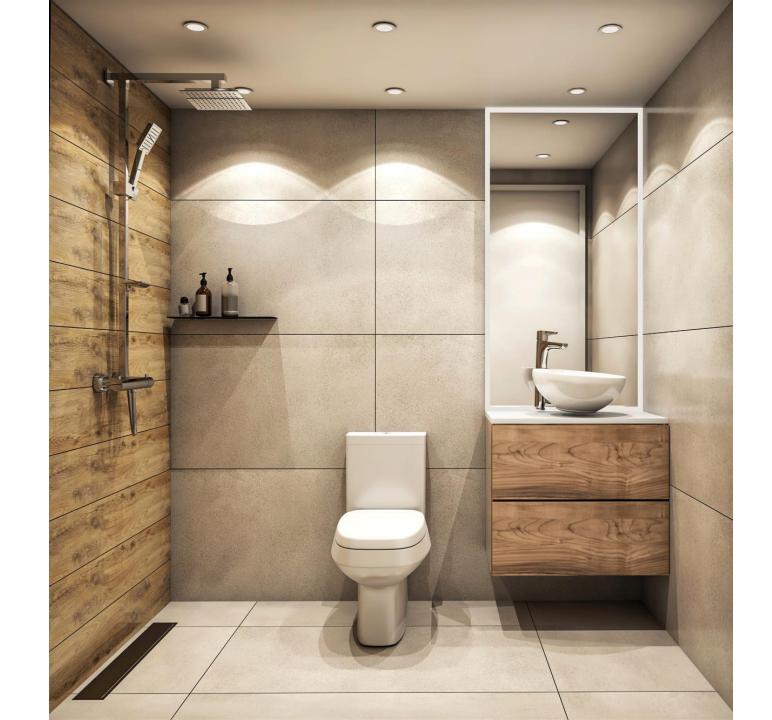
Dorm room 2-persons



Each residential unit has a separate construction, and on-site they are connected to the steel supporting skeleton of the building, and a finishing facade layer is added to give the overall look of the building.



C.U.B.E.



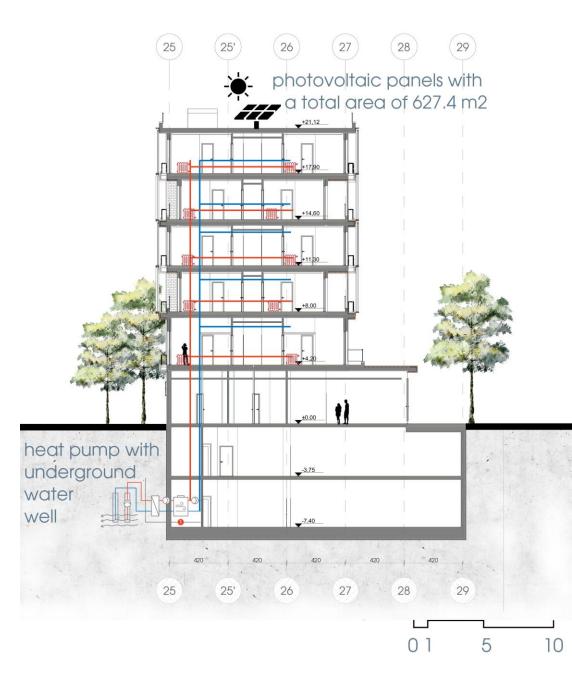






# Comfort



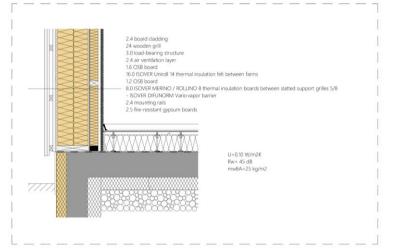


C.U.B.E.

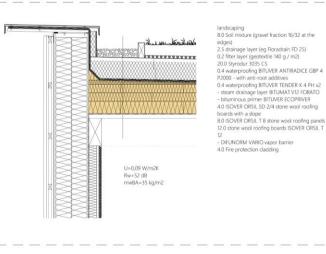
Ventilation

Renewable energy sources

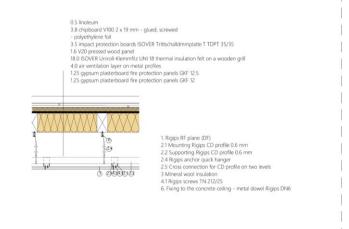
#### Connection between a facade wall with foundation slab



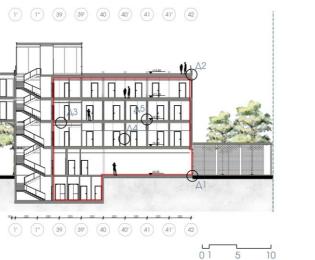
#### Thermal insulation of a double roof with landscaping



### Slabs between floors + suspended ceiling

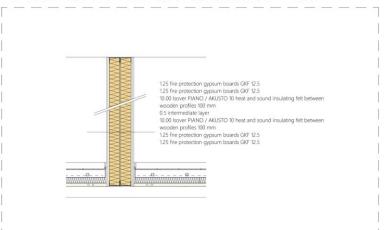


Connection between modular housing units



#### 1. Rigips plane 2.1 Rigips profile CW100 / 0.6 mm 3. Mineral wool insulation 4.1 Rigips screws TN 212/25 4.2 Rigips screws TN 212/35 5. Rigips joint filer 6. Connection with the solid wall - Rigips dowel 6/35 7. Sealing tape

Partition wall with with steel construction + floor

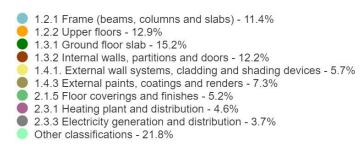






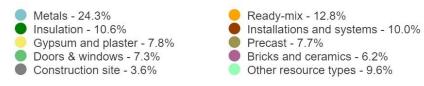
## Carbon emissions

Global warming kg CO2e - Classifications



#### Global warming kg CO2e - Resource types

This is a drilldown chart. Click on the chart to view details



The calculations of the carbon emissions are made for one module of the whole building with a gross area of 1004.55 m2 and 4 floors.



