

FONDS KIRCHBERG



# KIEM

LOT 4 du PAP Domaine du Kiem / Phase B – Développement des concepts (niveau d'avant-projet sommaire)

## CO-CREATION PROCESS according to CRADLE TO CRADLE APPROACH

Architecture

AGENCE  
SEARCH

witry & witry

Landscaping

) AREAL (  
LANDSCAPE ARCHITECTURE

CT Engineering

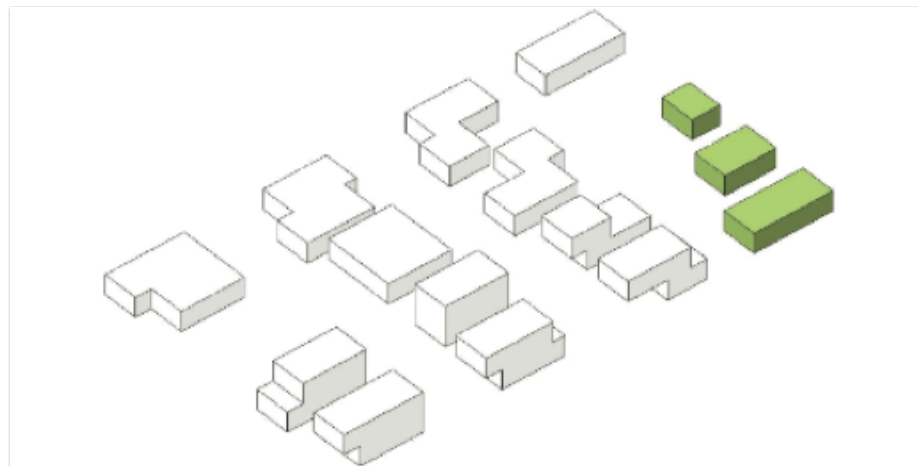


GT Engineering

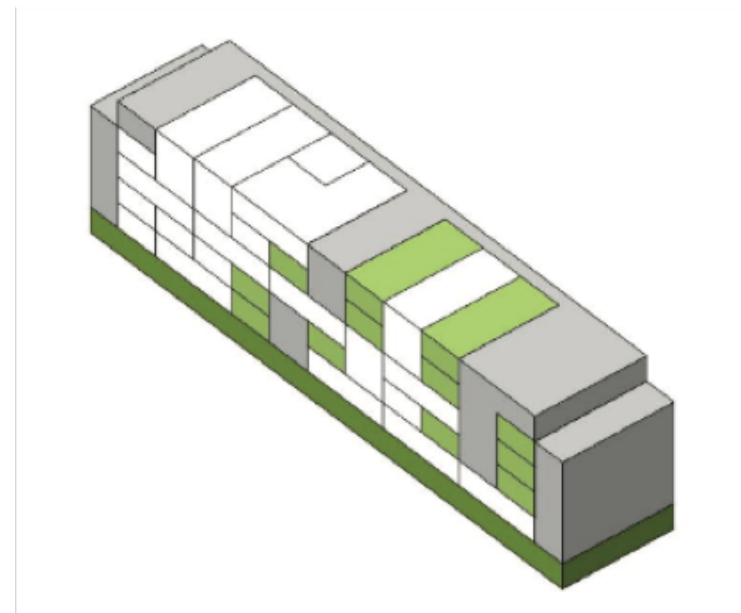
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# CONCEPT

## FLEXIBLE UNITS



PICTOGRAMM - POSSIBLE APARTMENT TYPES

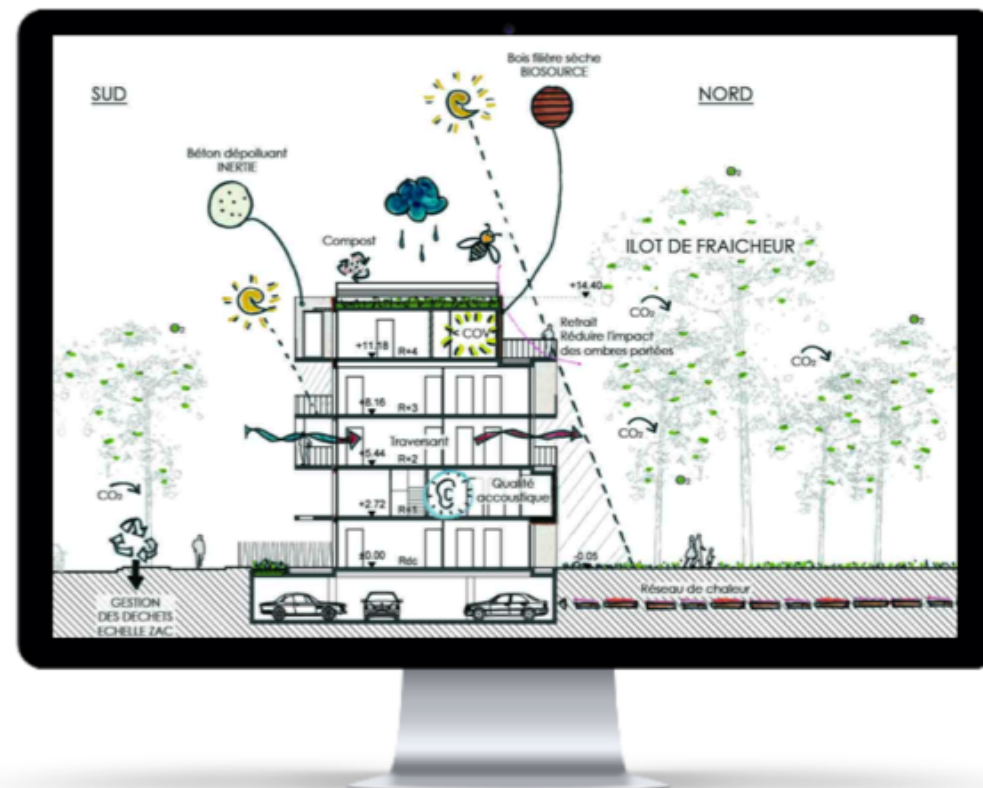
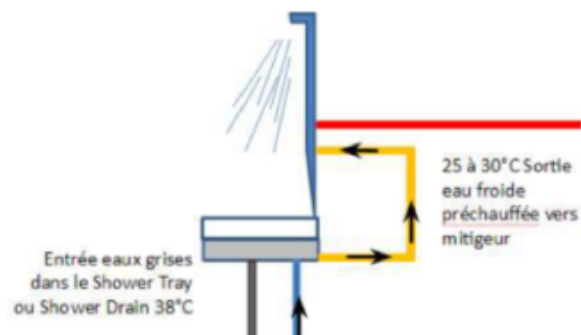
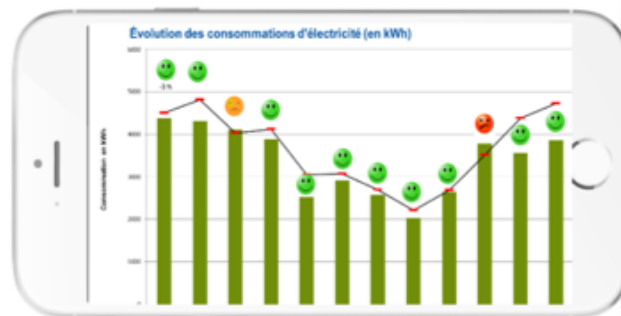


POSSIBLE ARRANGEMENT OF APARTMENT TYPES

# ENERGY

## PRODUCING MORE THAN CONSUMING

- BIOCLIMATIC ARCHITECTURE.
- SENSIBILIZATION.
- SHARED COMMON SPACES.
- ENERGY-SAVING EQUIPMENT.



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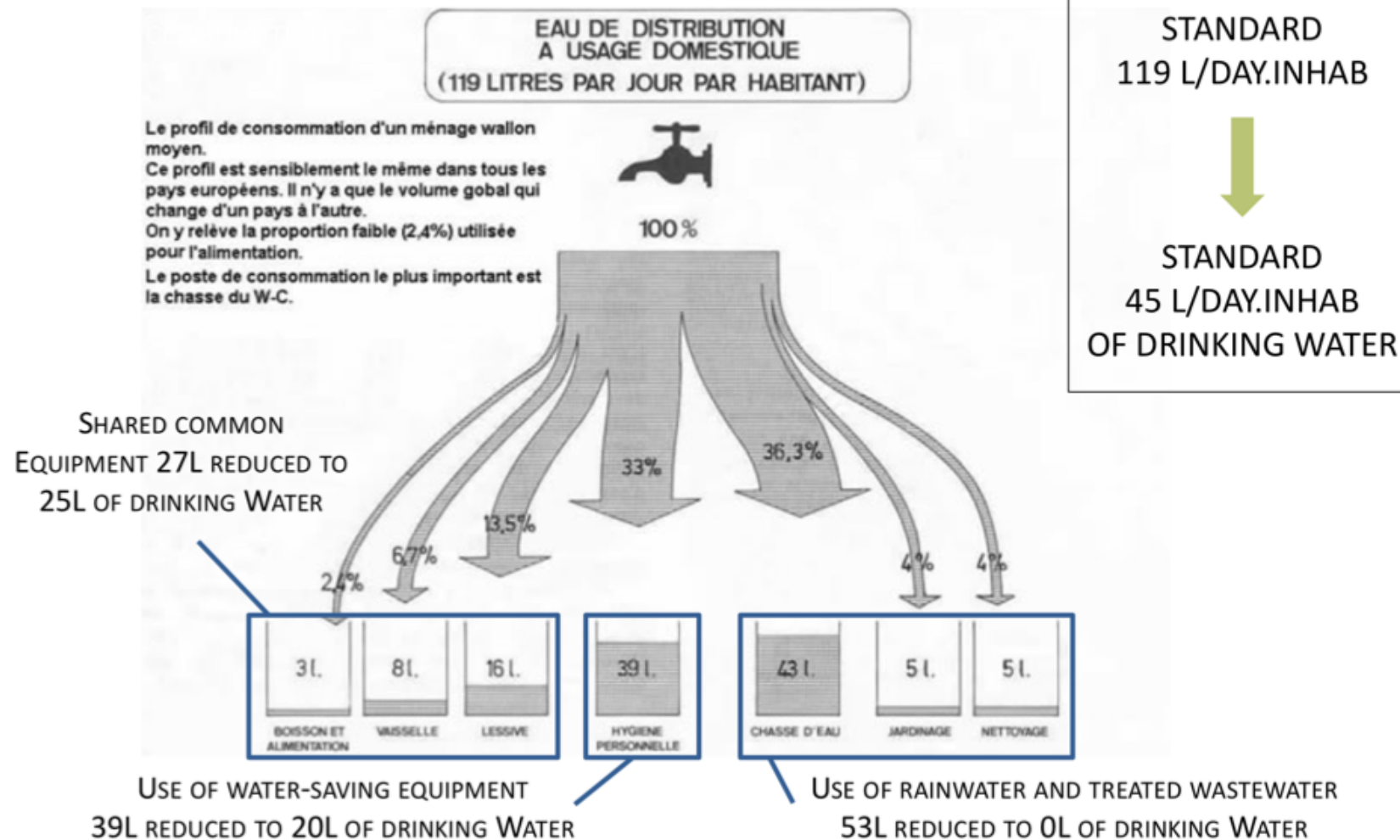


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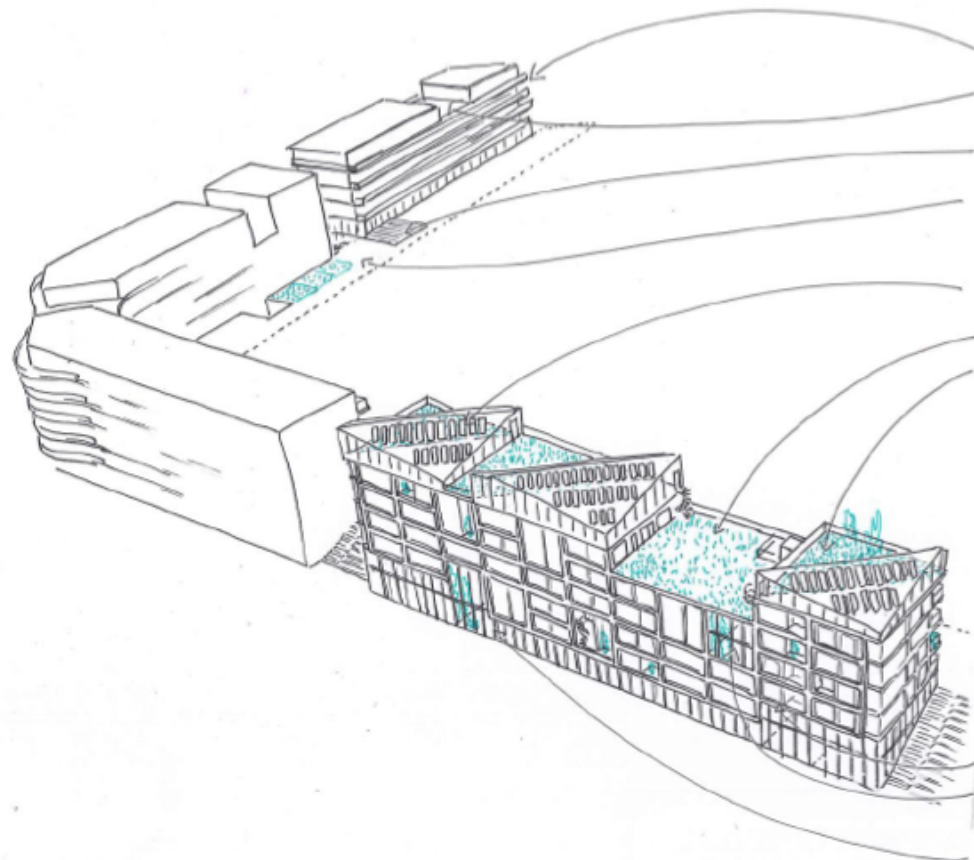
# ENERGY

## WATER CONSUMPTION



# THE SHARED SPACES AND FACILITIES

## SHOWCASING THE IDENTITY OF THE PROJECT

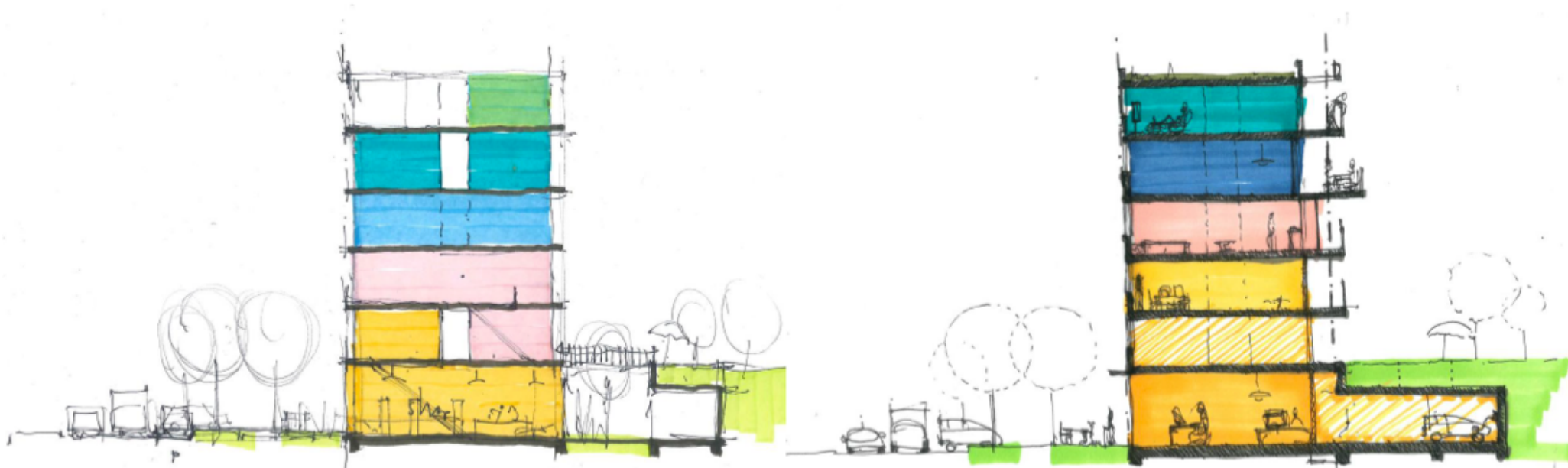


- OUTSIDE CORRIDOR TO ACCESS APARTMENTS - SHARED WITH DIRECT NEIGHBOURS
- OUTSIDE LARGER TERRASSE - SHARED PER 2 FLOORS
- TERRASSE OF ACADEMY - SHARED WITH PLATEAU DE KIEM
- OUTSIDE GARDEN - SE01 PUBLIC
- ENERGY PRODUCED BY BIPV - SHARED WITH ALL 4 BUILDINGS
- GREEN ROOF - SHARED WITH INHABITANTS OF 4 BUILDINGS
- RAIN WATER GATHERING - SHARED WITH ALL 4 BUILDINGS
- OUTSIDE COMMUNAL SPACE - SHARED WITH THE NEIGHBOURHOOD
- INDOOR FACILITIES - SHARED WITH ALL 4 BUILDINGS
- INDOOR COMMON SPACE - SHARED PER BUILDING
- ENTRANCE HALL - SHARED WITH HALF BUILDING
- BIKE PARKING - SHARED PER BUILDING
- CAR PARKING - SHARED WITH 2 BUILDINGS + THE NEIGHBOURHOOD FOR CAR SHARING



# TYOLOGY

TWO HOUSING INTENTIONS = TWO ARCHITECTURAL LANGUAGES

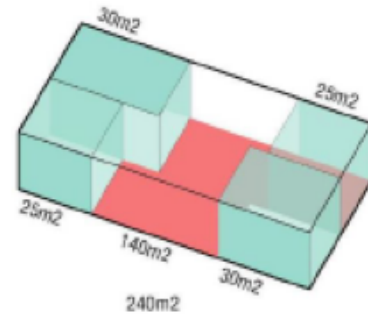
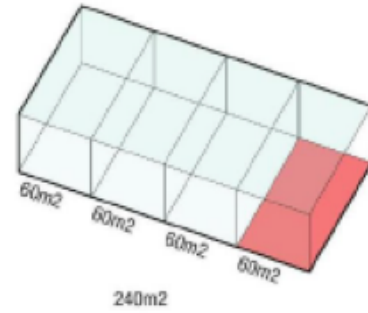


Duplex typology to increase quality of apartments volumes / flexibility and architectural quality of the façade while being efficient in terms of circulation.

Simplex typology with outside corridor for large exterior spaces as an addition to the private apartment space, stimulating an exchange between the inhabitants

# TYPOLOGY

## CLUSTER UNITS

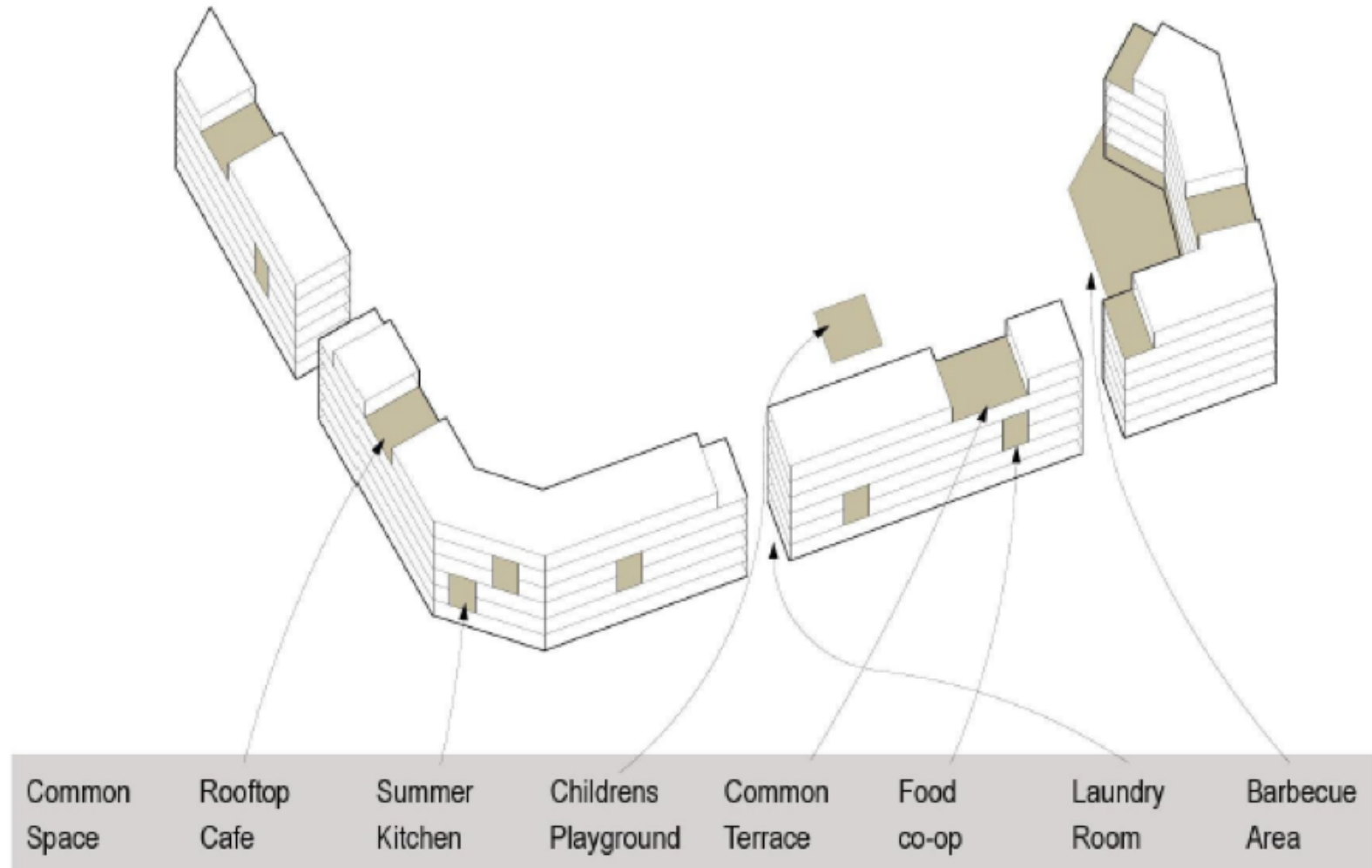


Cluster Apartement with 4 units



# COMMON SPACES

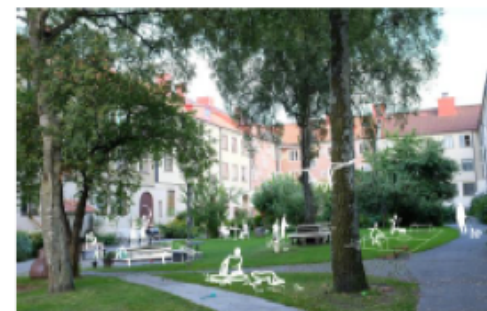
## CONCEPT





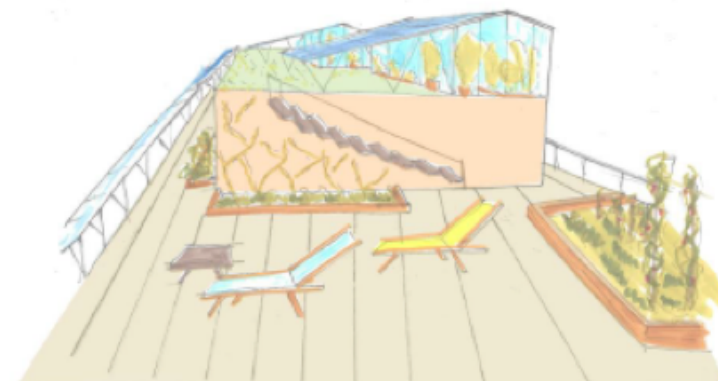
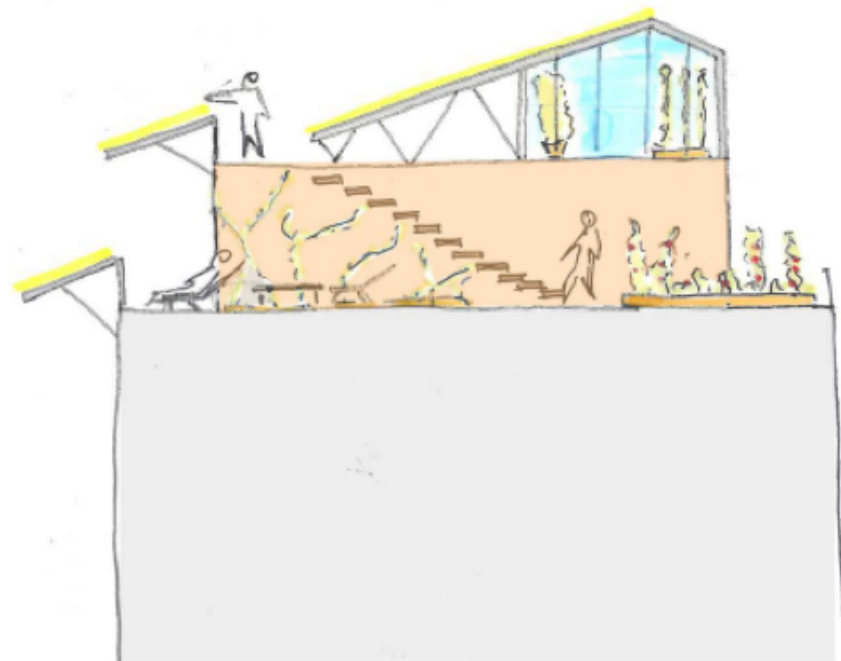
# OPEN SPACES

## PARK SIDE



# OPEN SPACES

## ROOFSCAPE





# COMMON SPACES





## WHAT WE WOULD LIKE TO SEE

### CO-WORKING



### CYCLING CAFE



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# WHAT WE WOULD LIKE TO SEE

## NIGHTWASH



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