

ITMO HIGHPARK

A UNIVERSITY OF THE FUTURE

Allies and Morrison with Arup and Gillespies



innovation



education

innovation



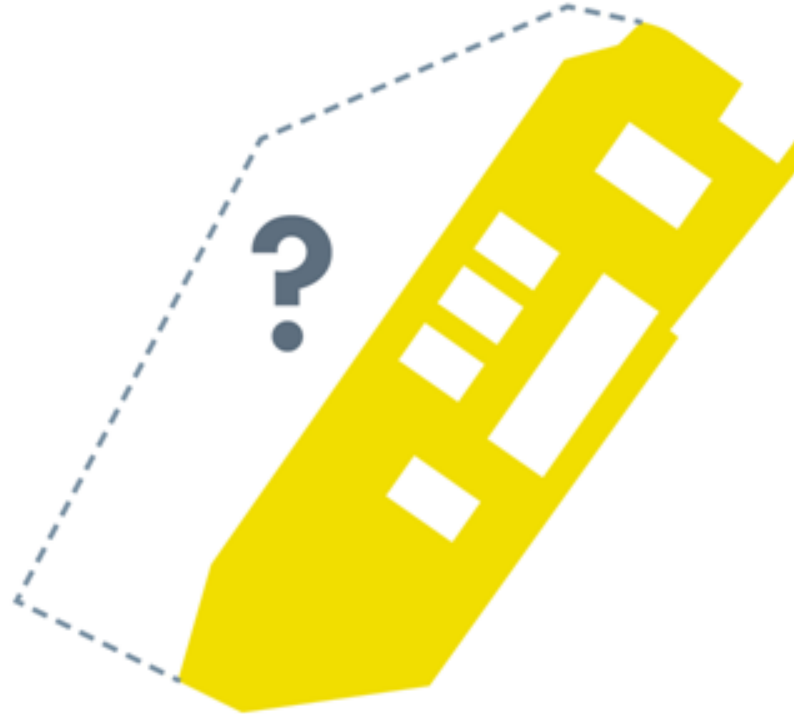
education

innovation



education

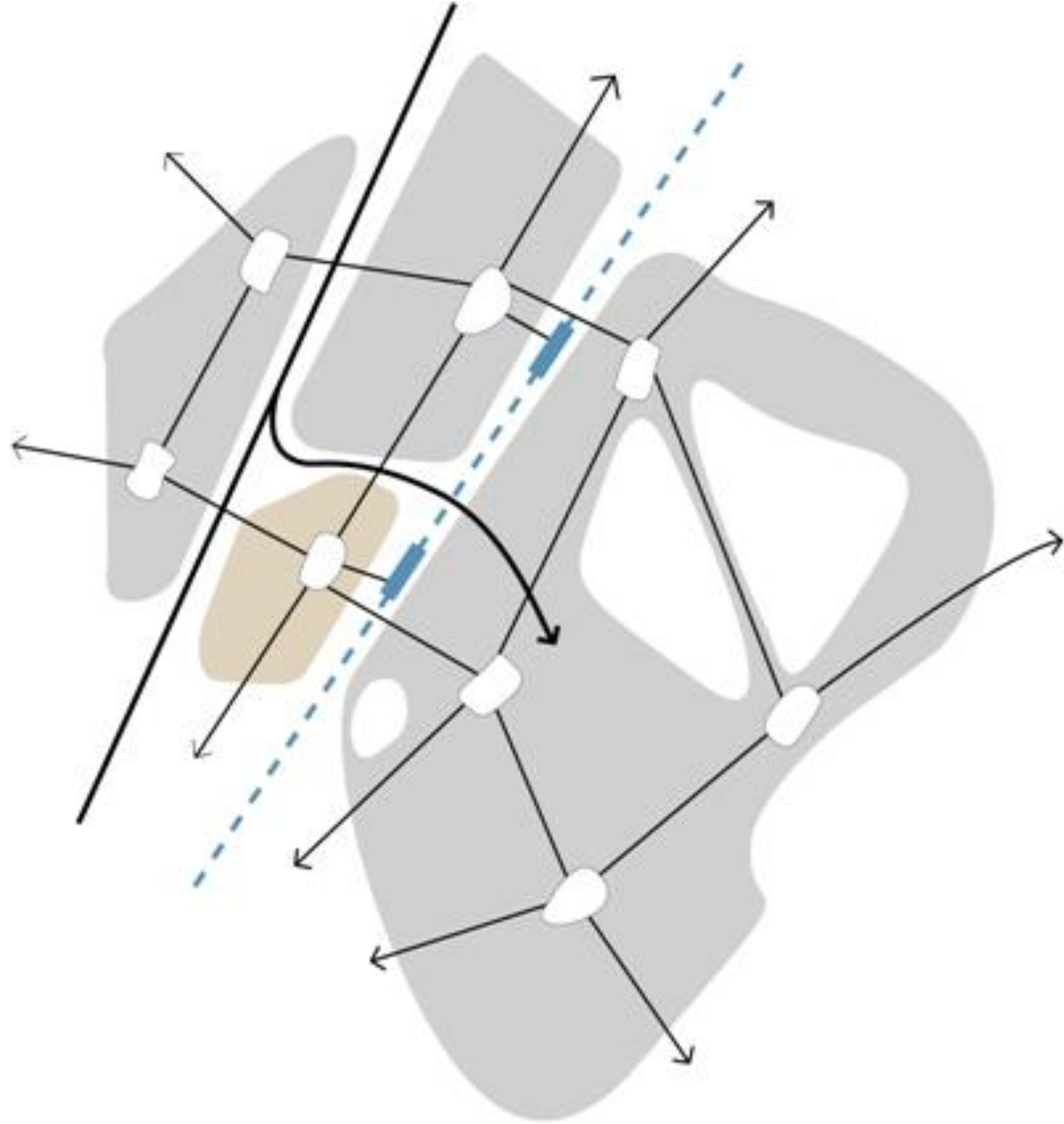
innovation

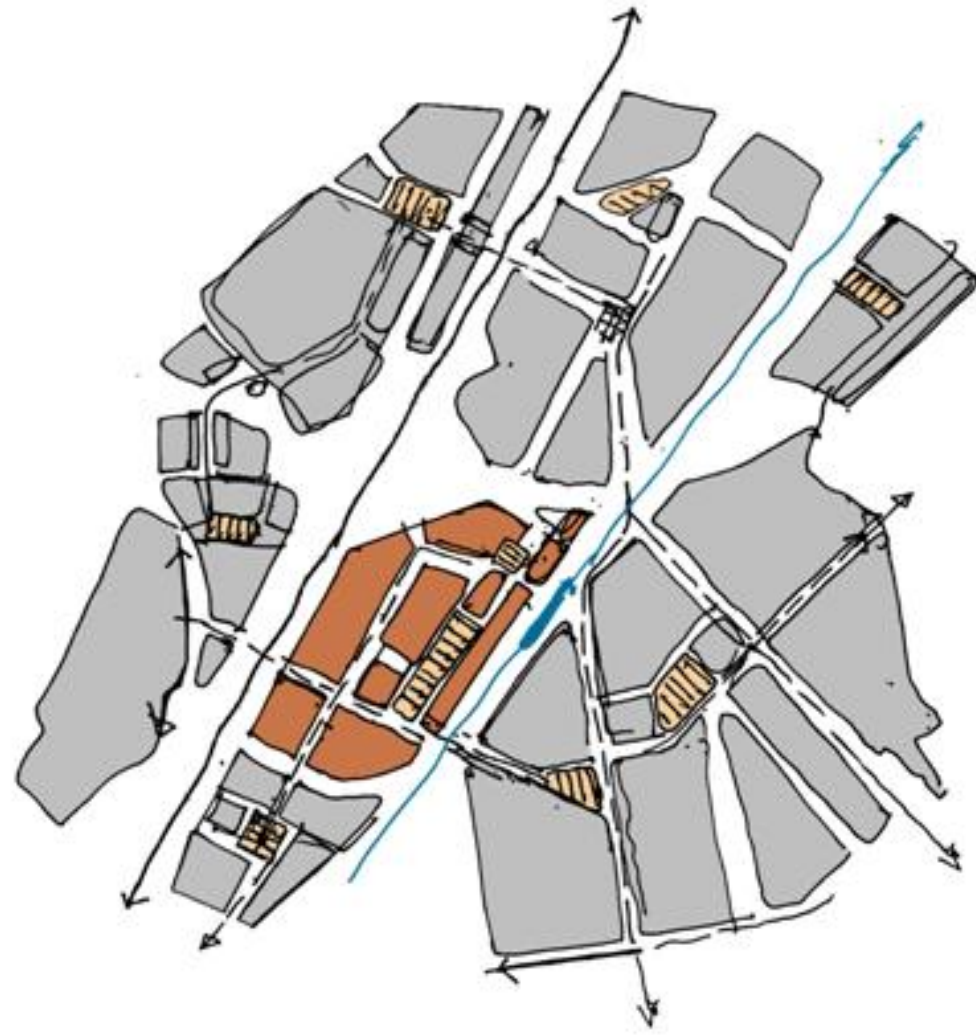


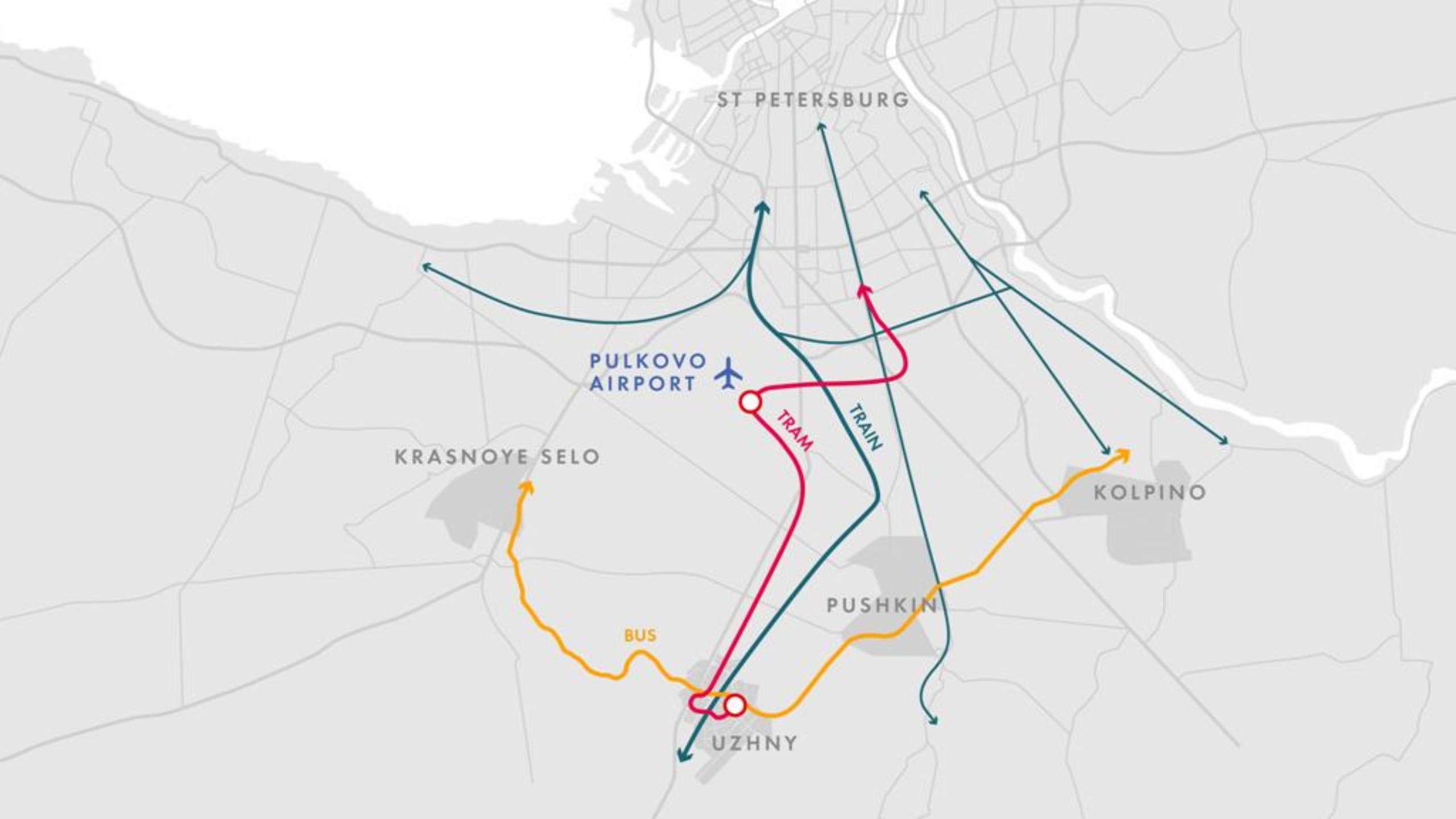
education











ST PETERSBURG

PULKOVO
AIRPORT



KRASNOYE SELO

TRAM

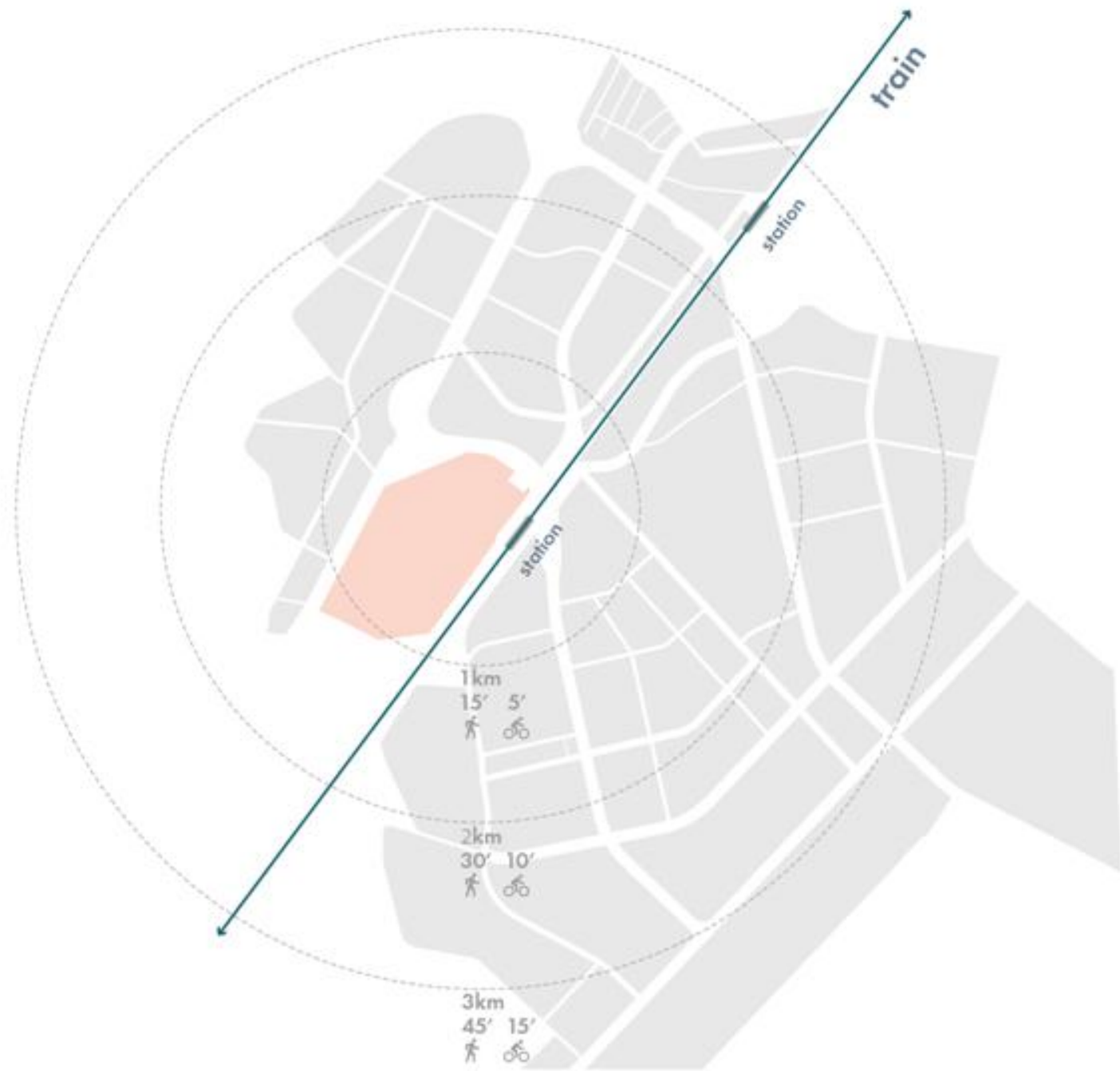
TRAIN

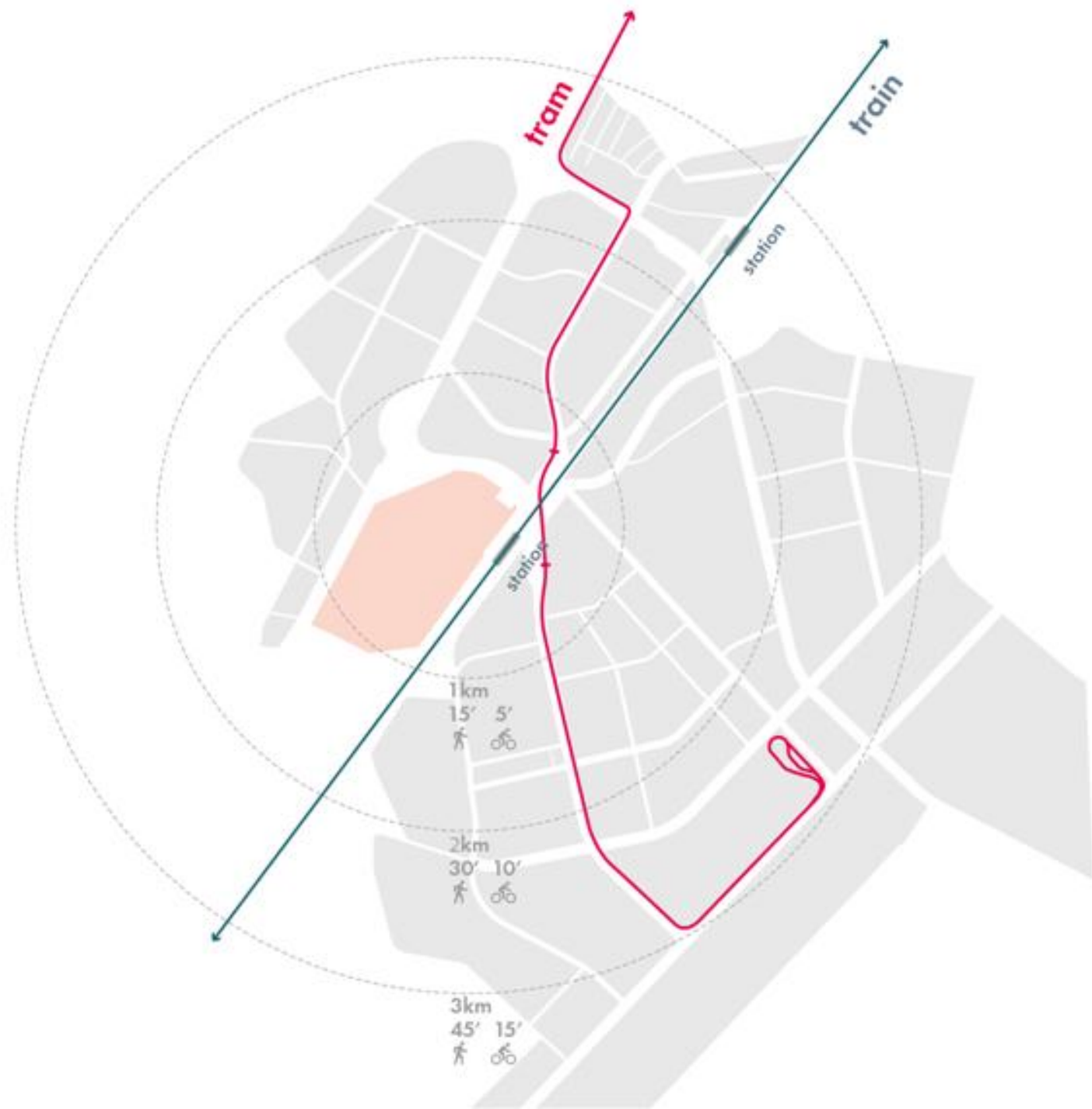
KOLPINO

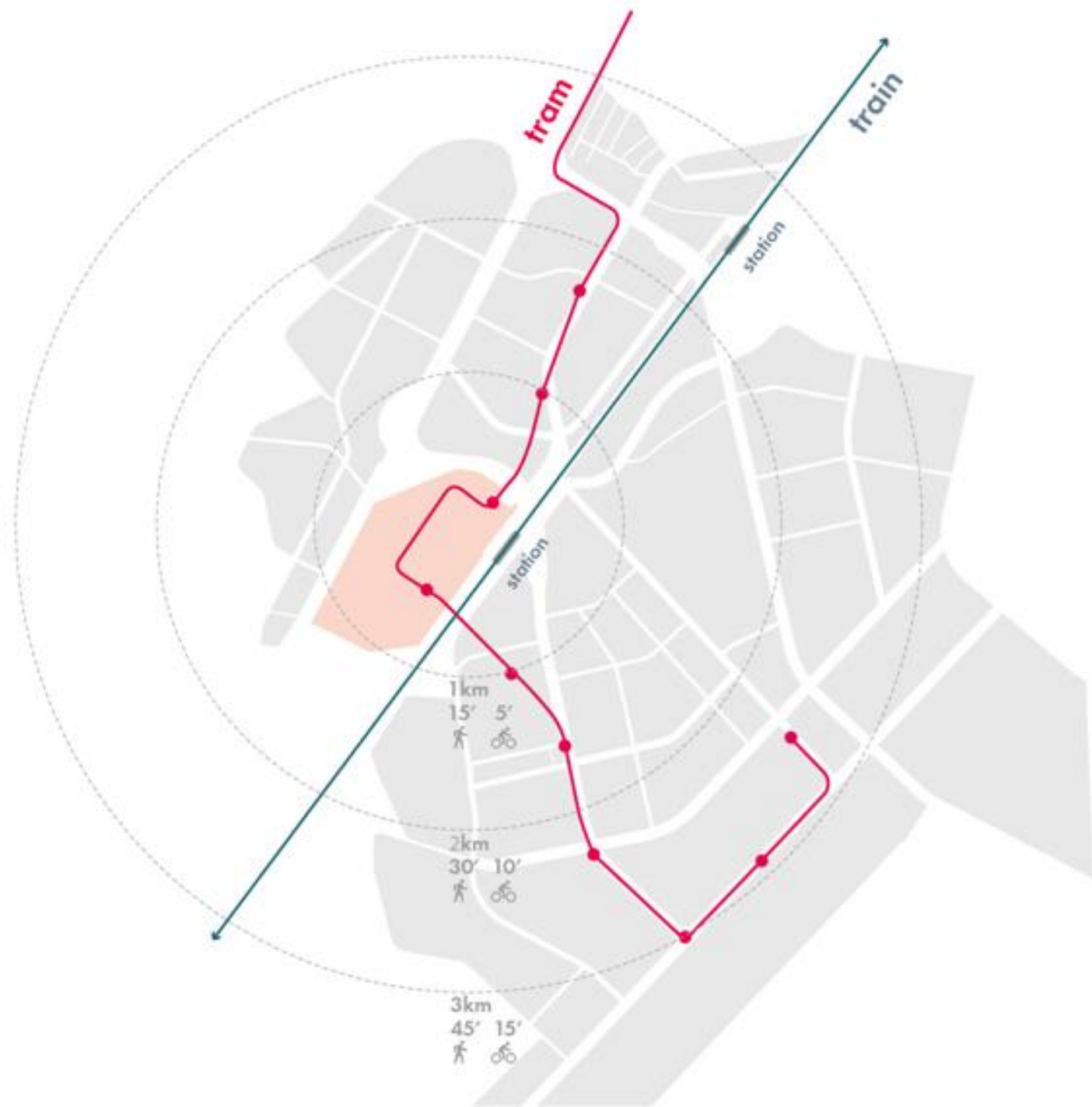
PUSHKIN

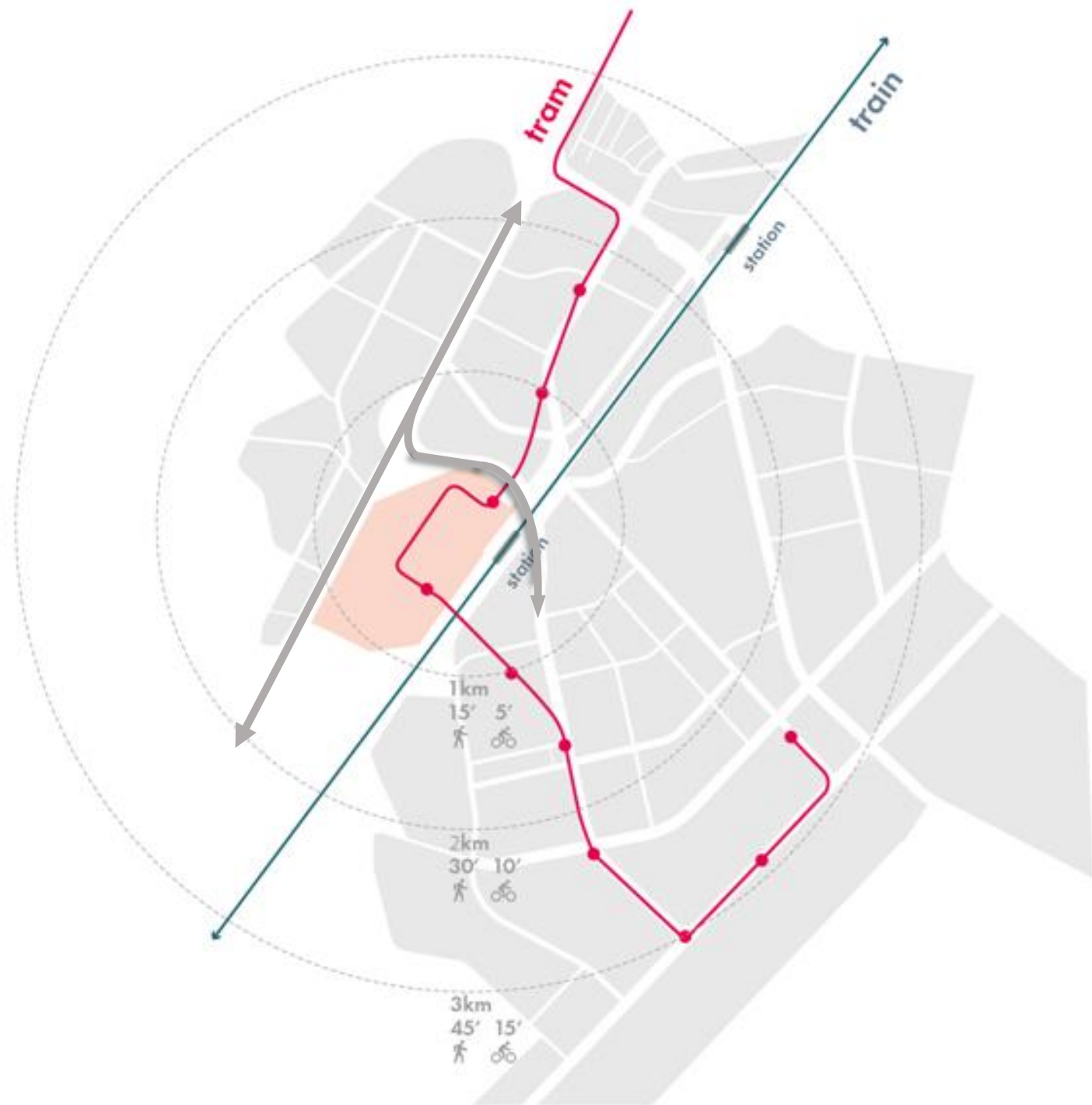
BUS

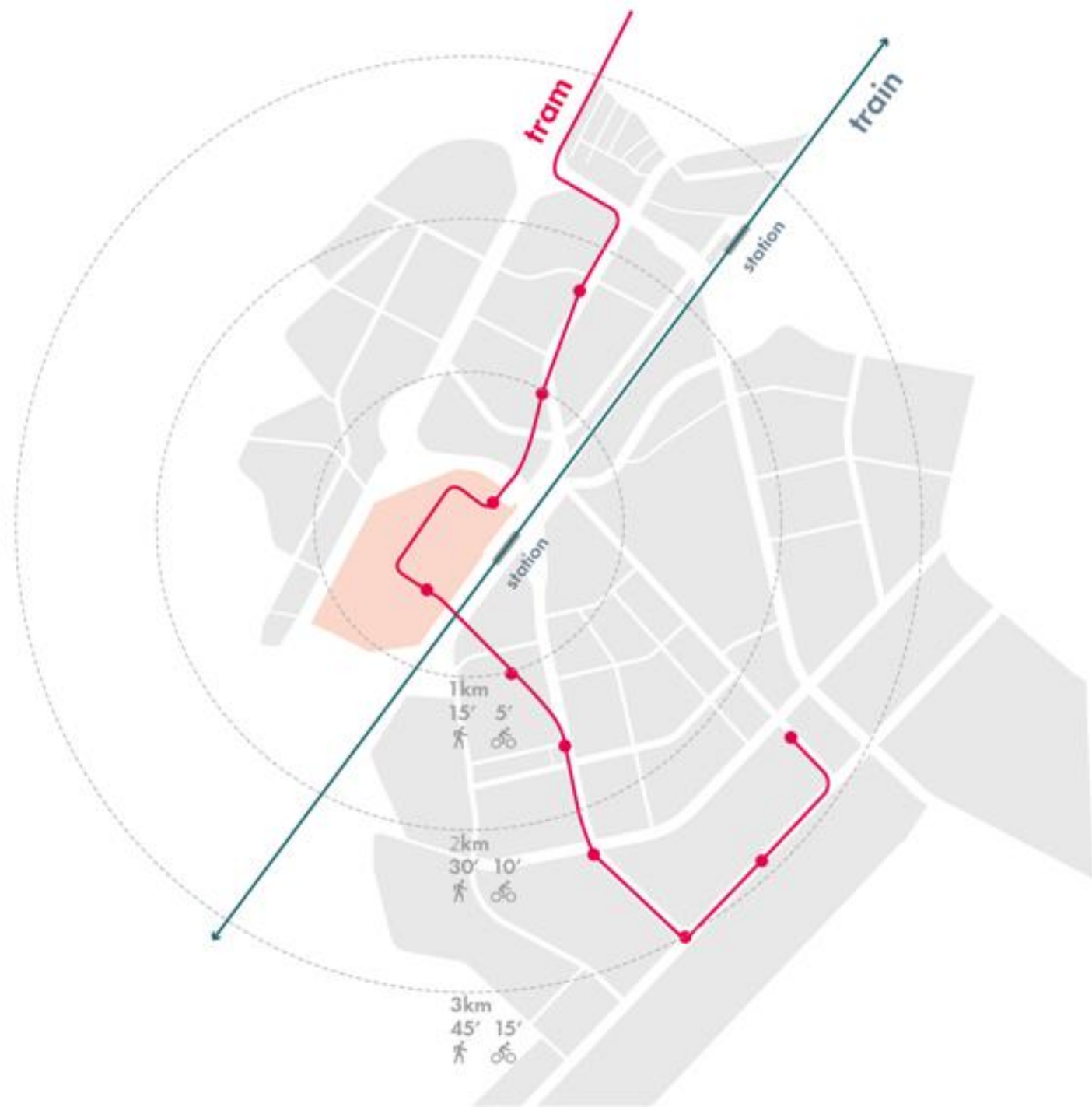
UZHNY

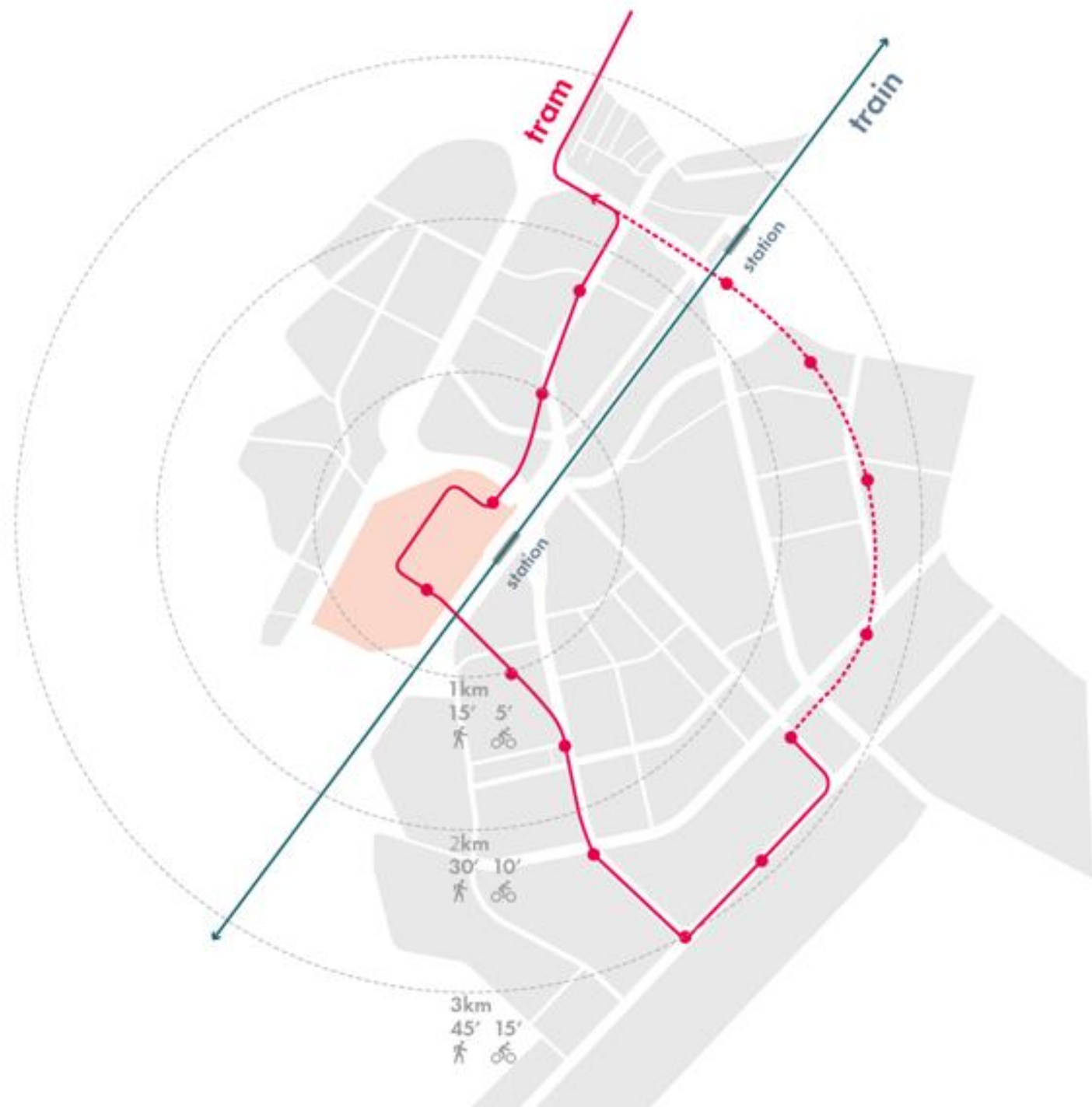




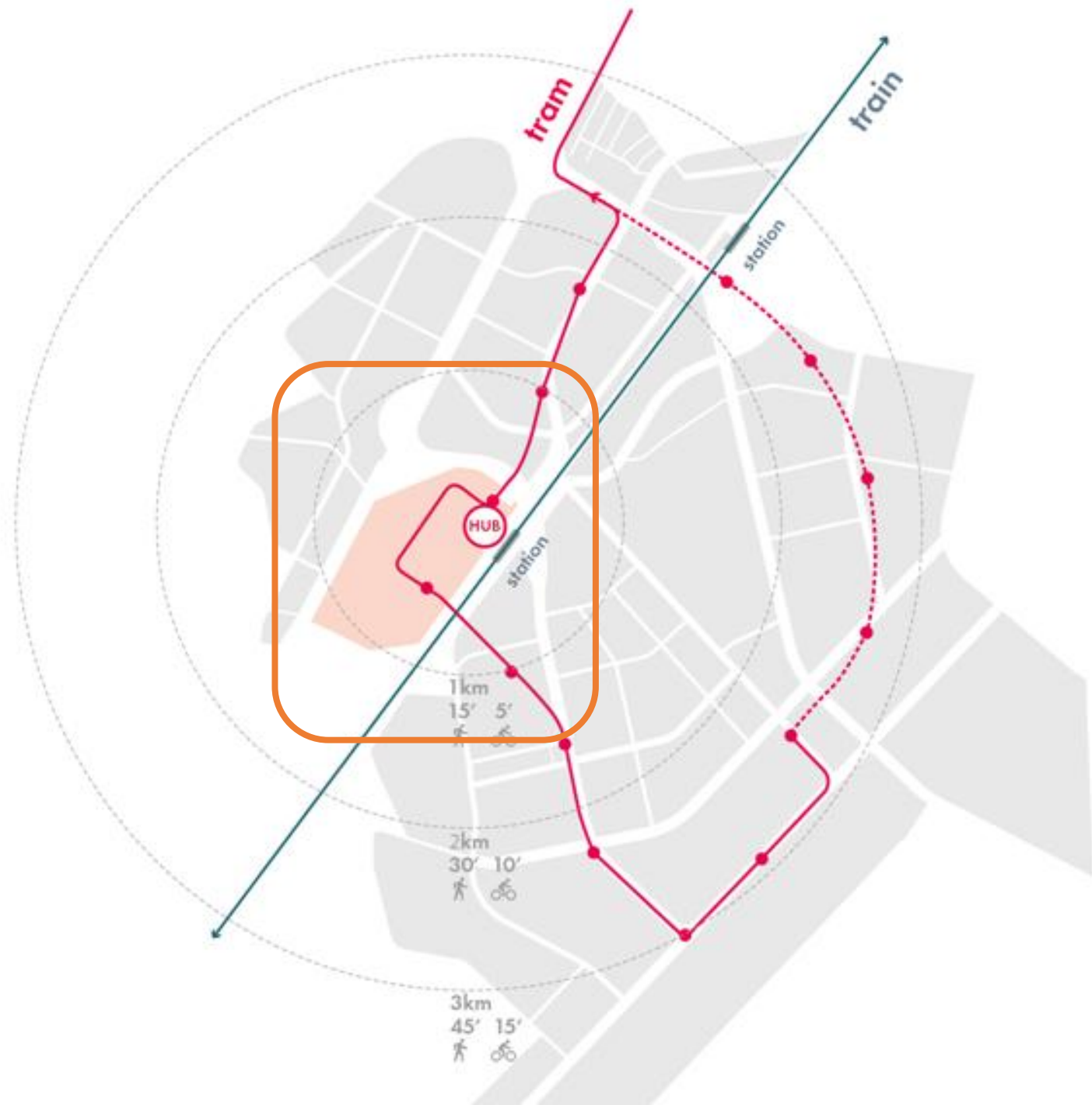


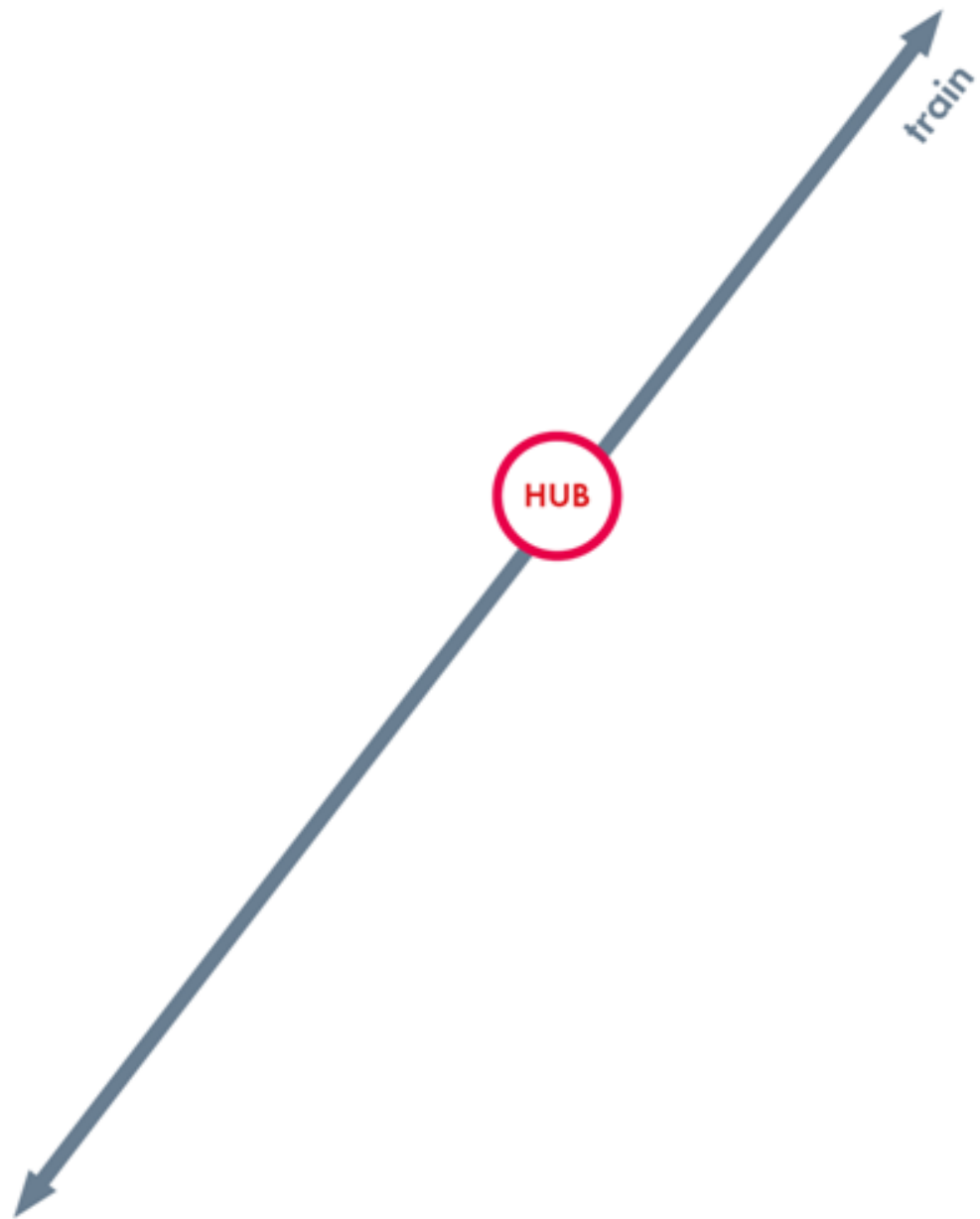


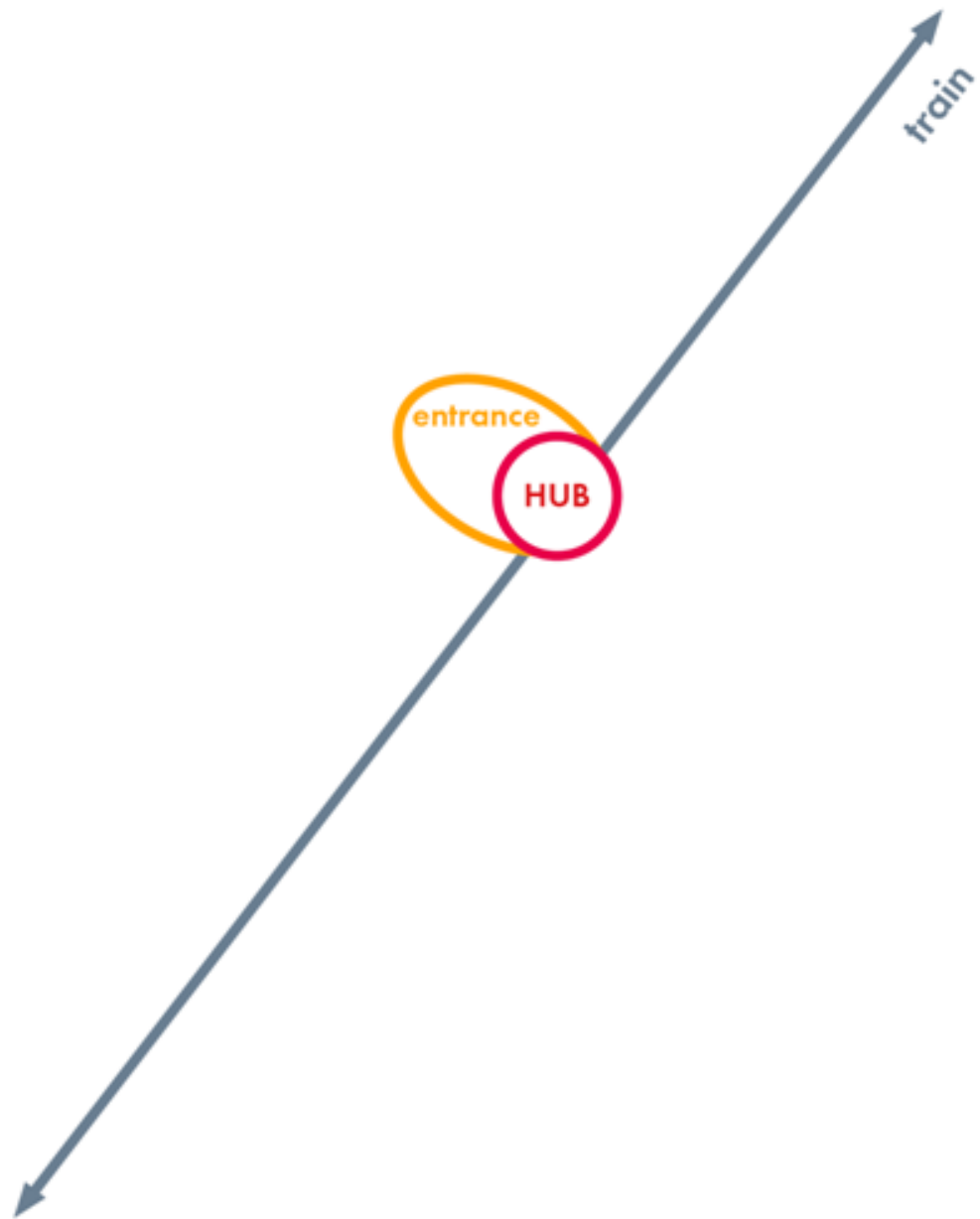


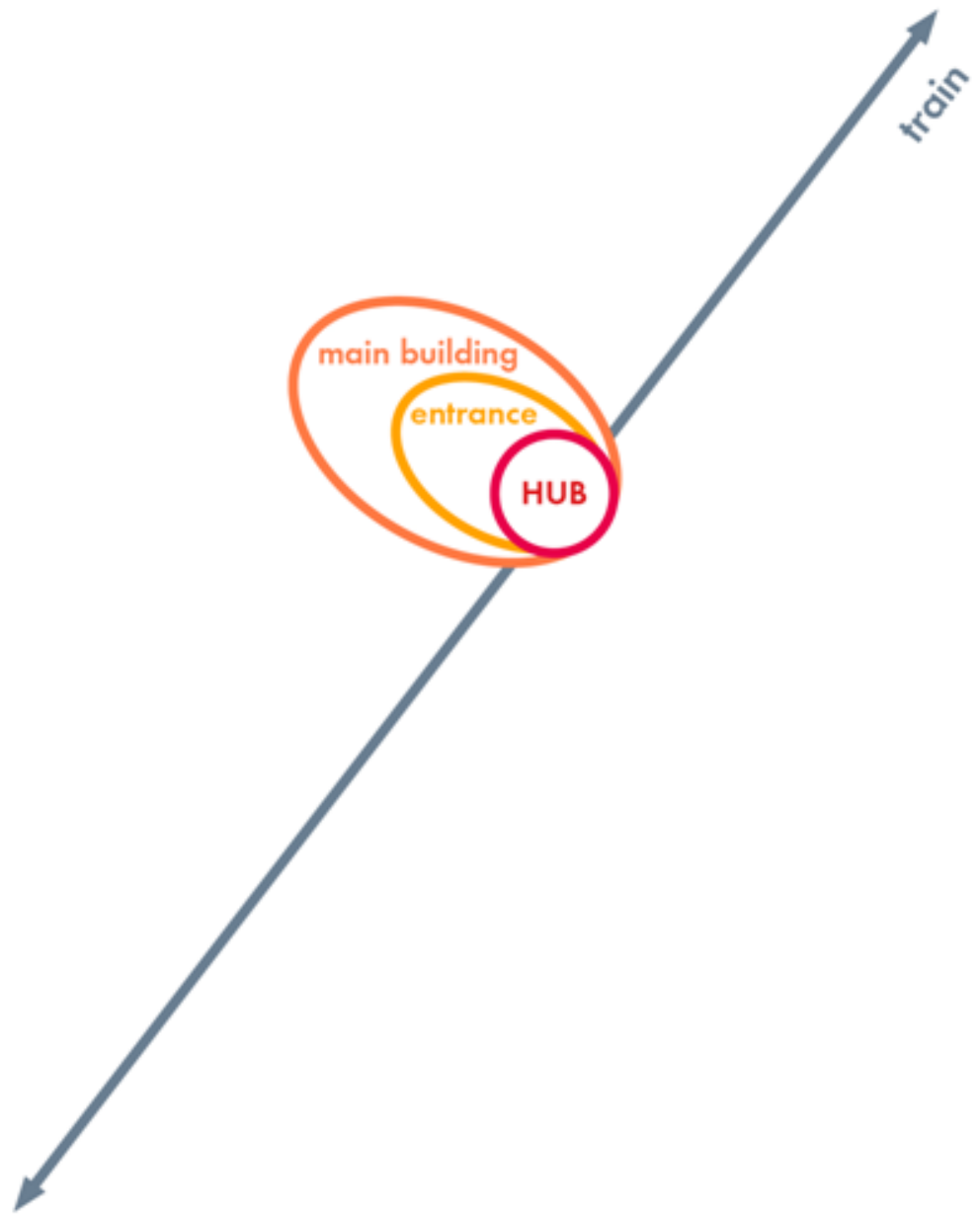


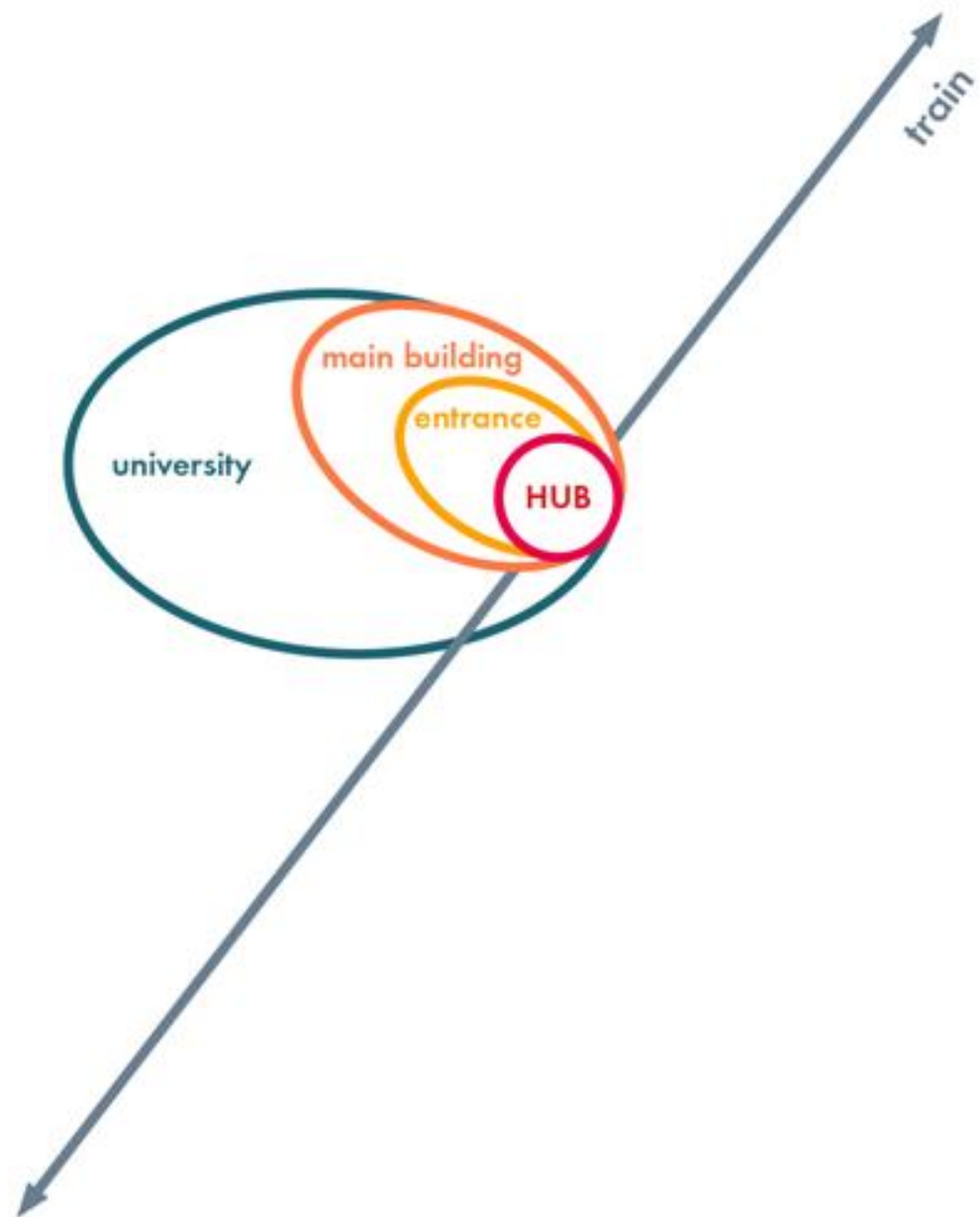


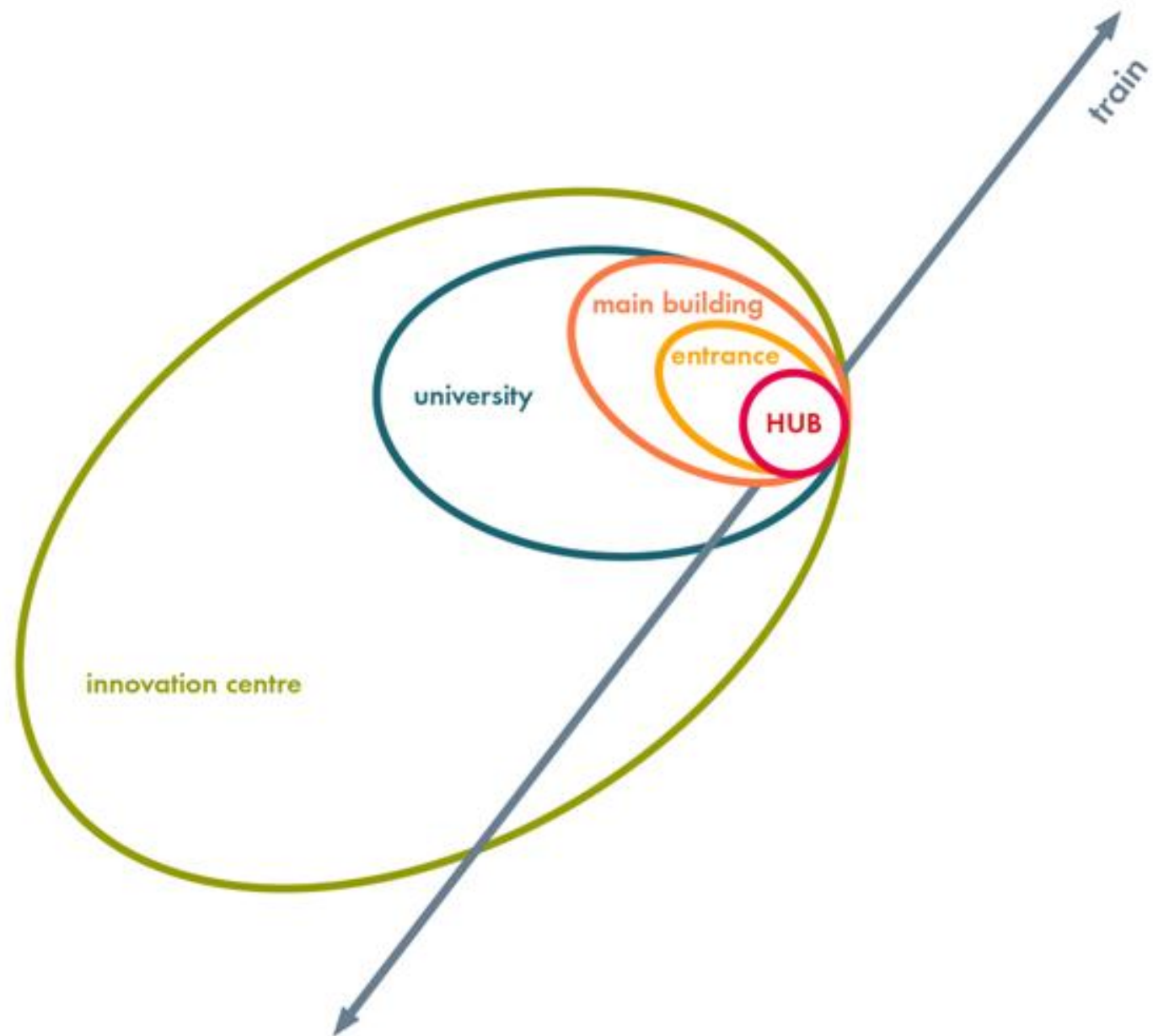


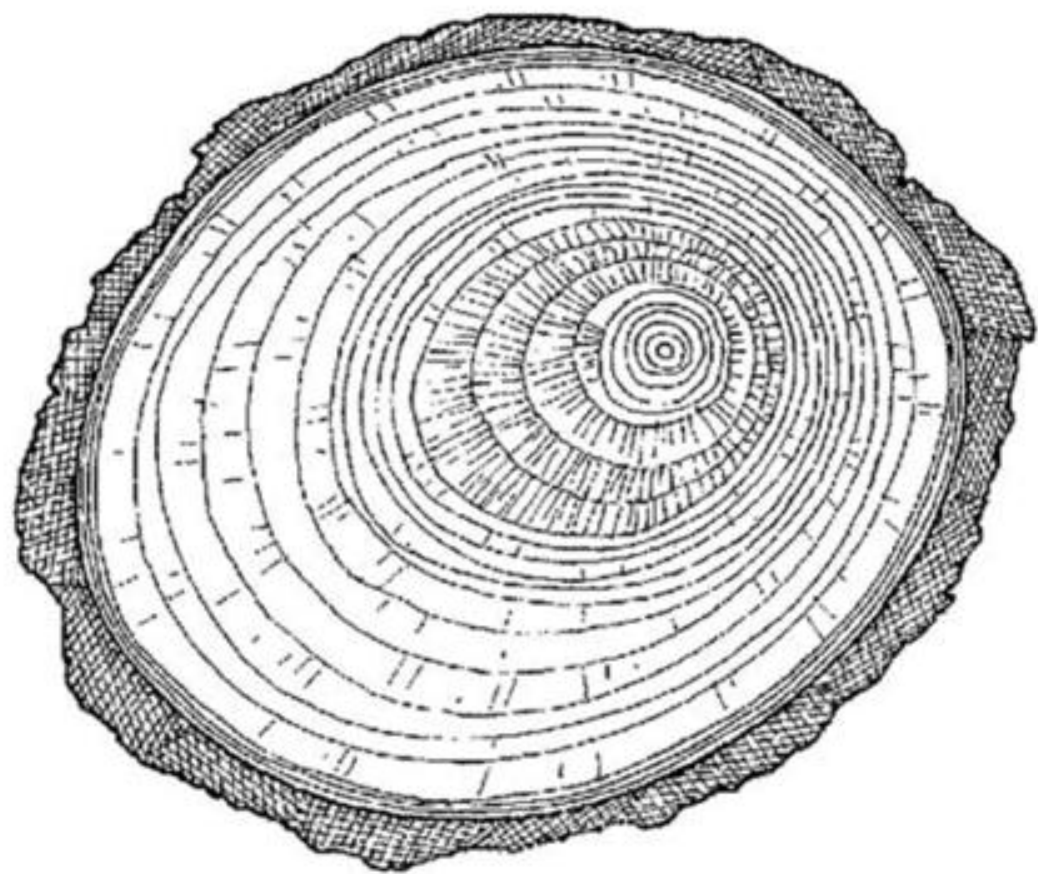
















CAR

TRAIN

TRAM

BUS

CAR

TRAIN

TRAM

BUS

AUTONOMOUS SHUTTLES

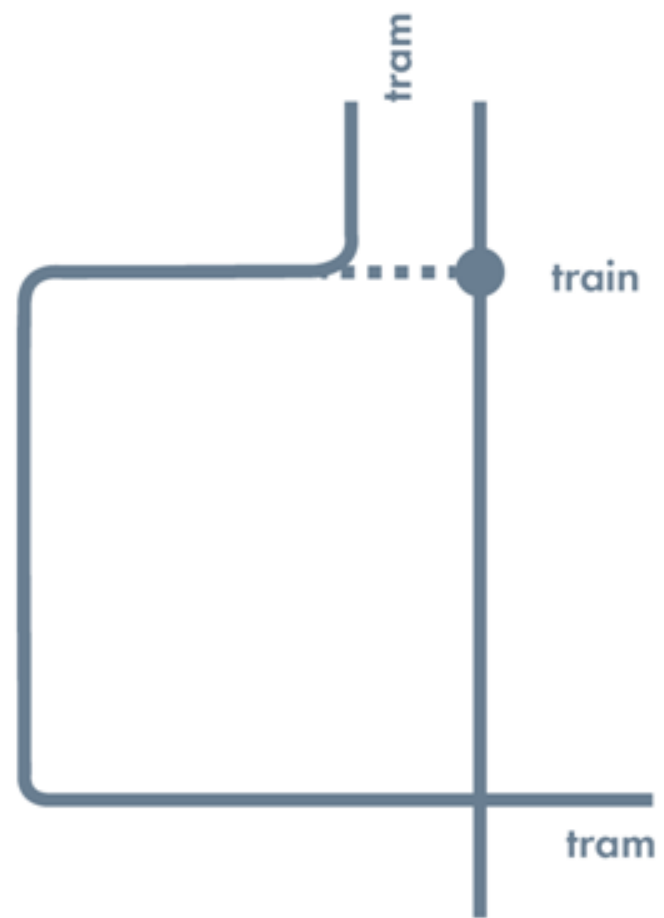
ELECTRIC SCOOTERS

CYCLING

WALKING







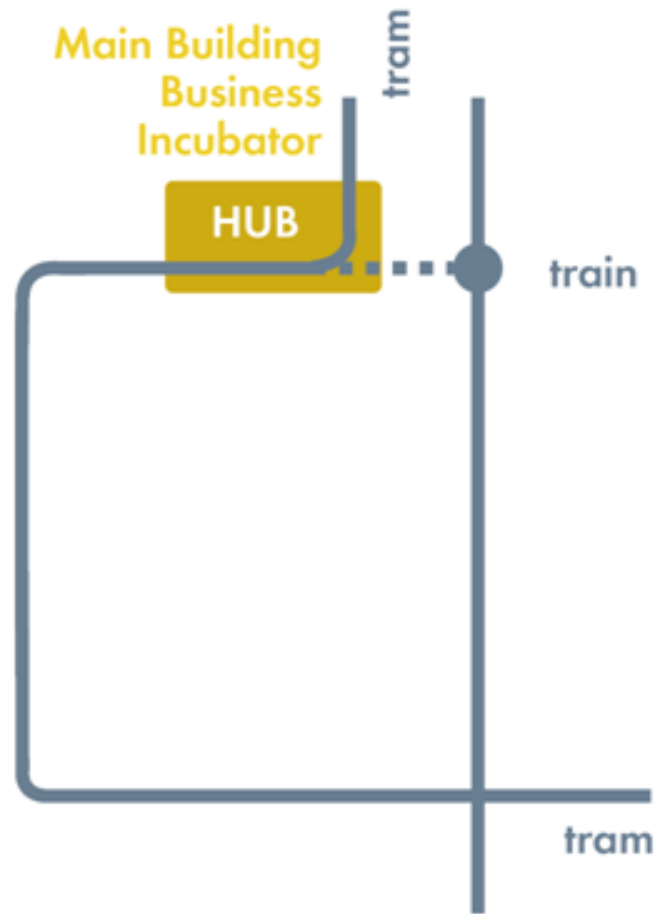
Main Building
Business
Incubator

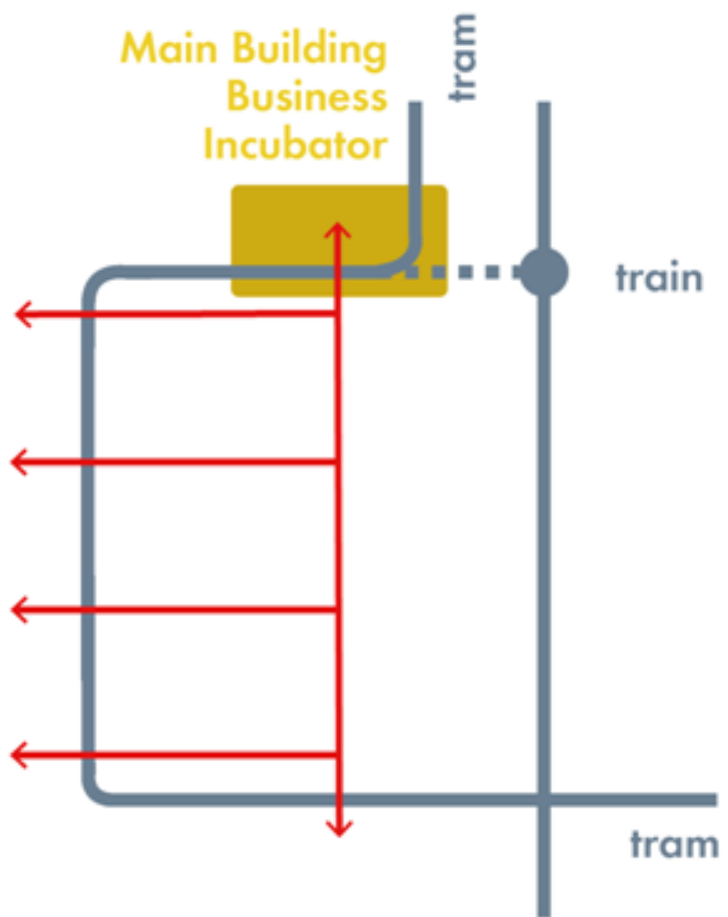
HUB

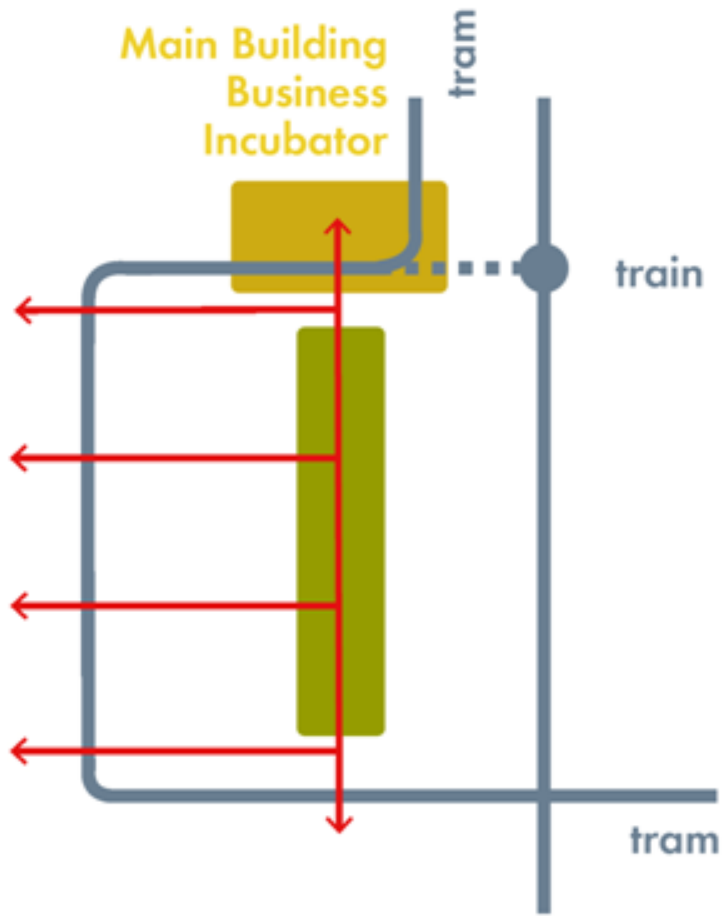
tram

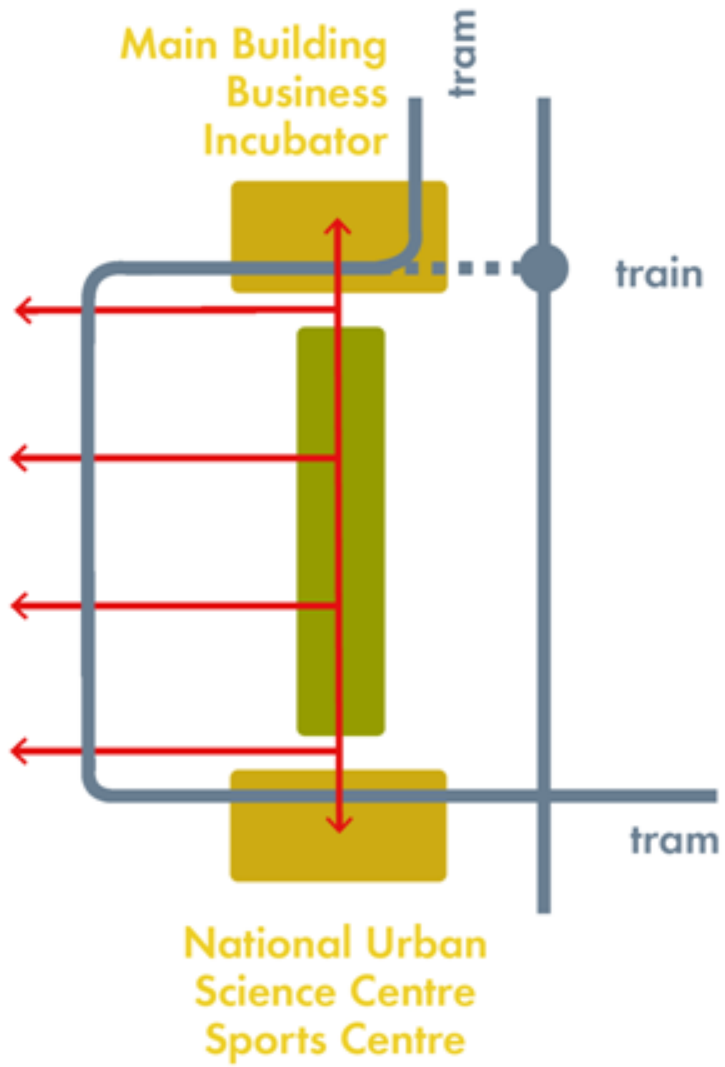
train

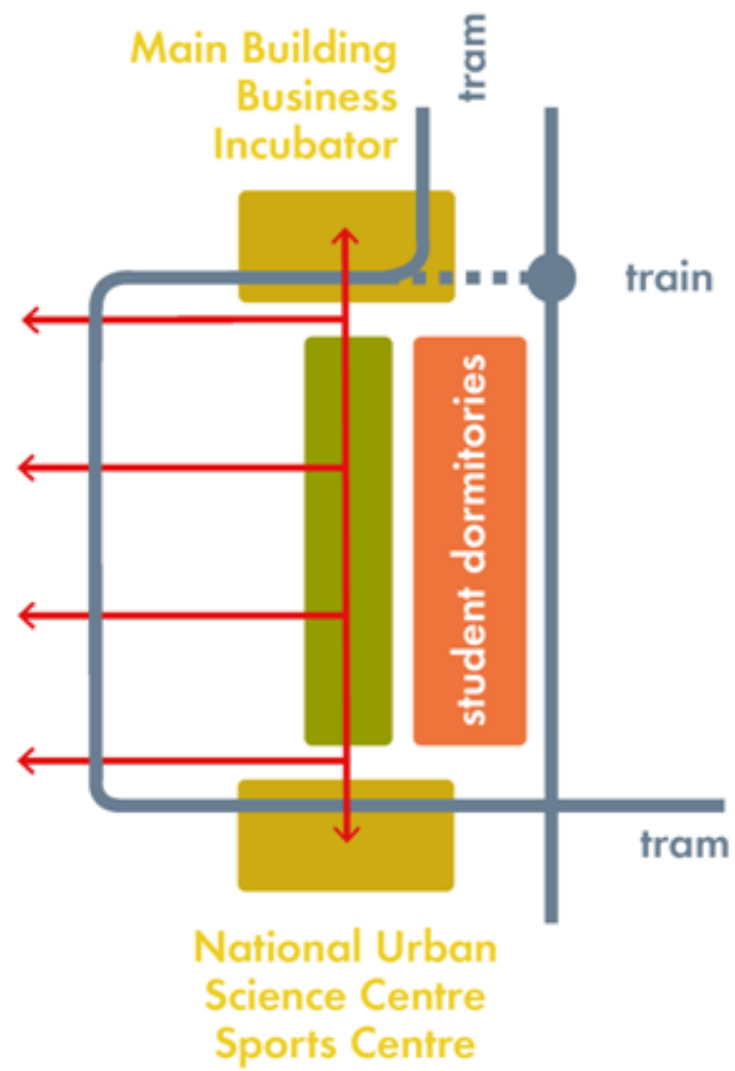
tram

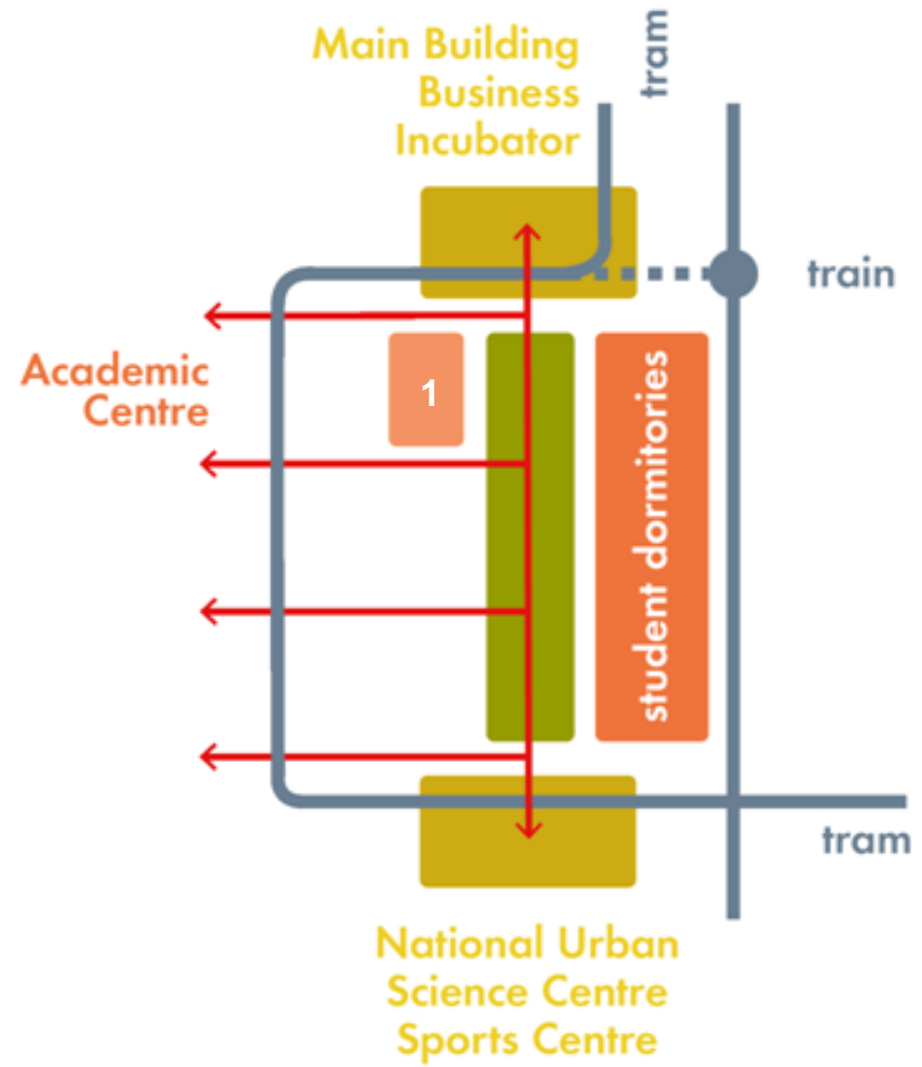


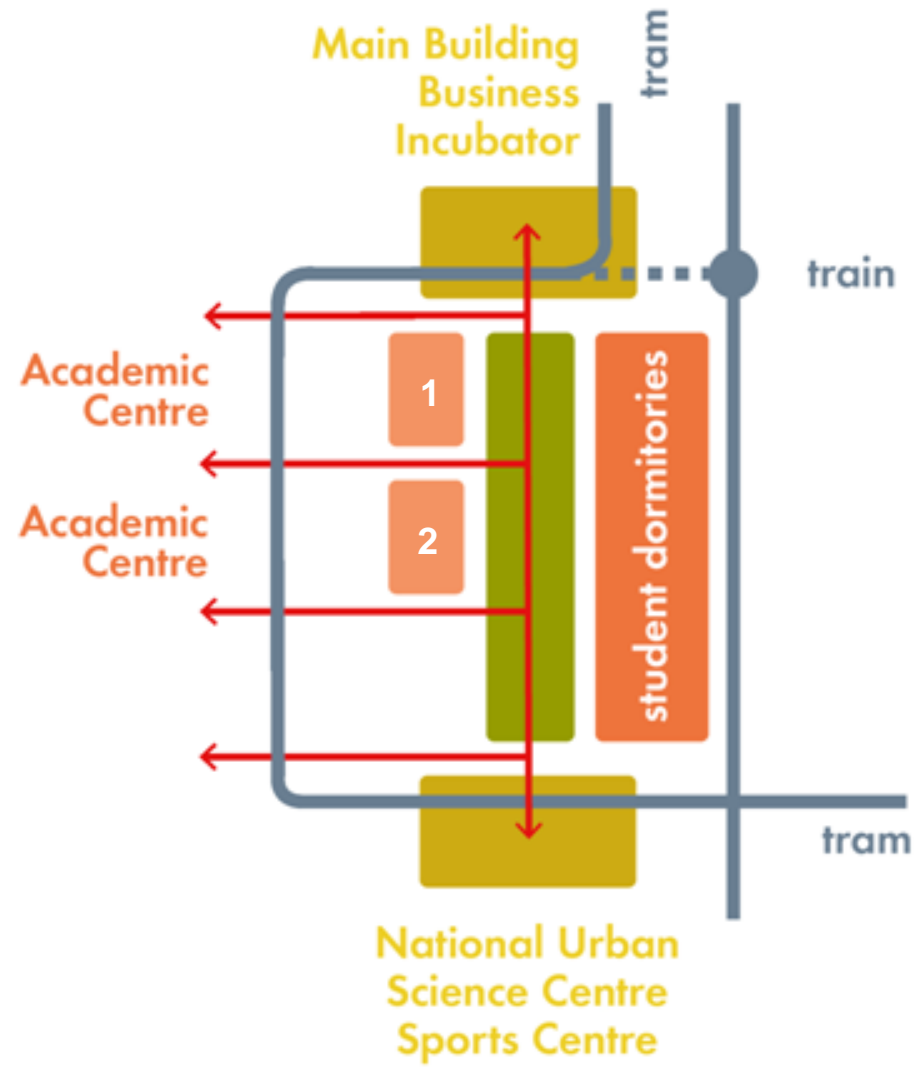


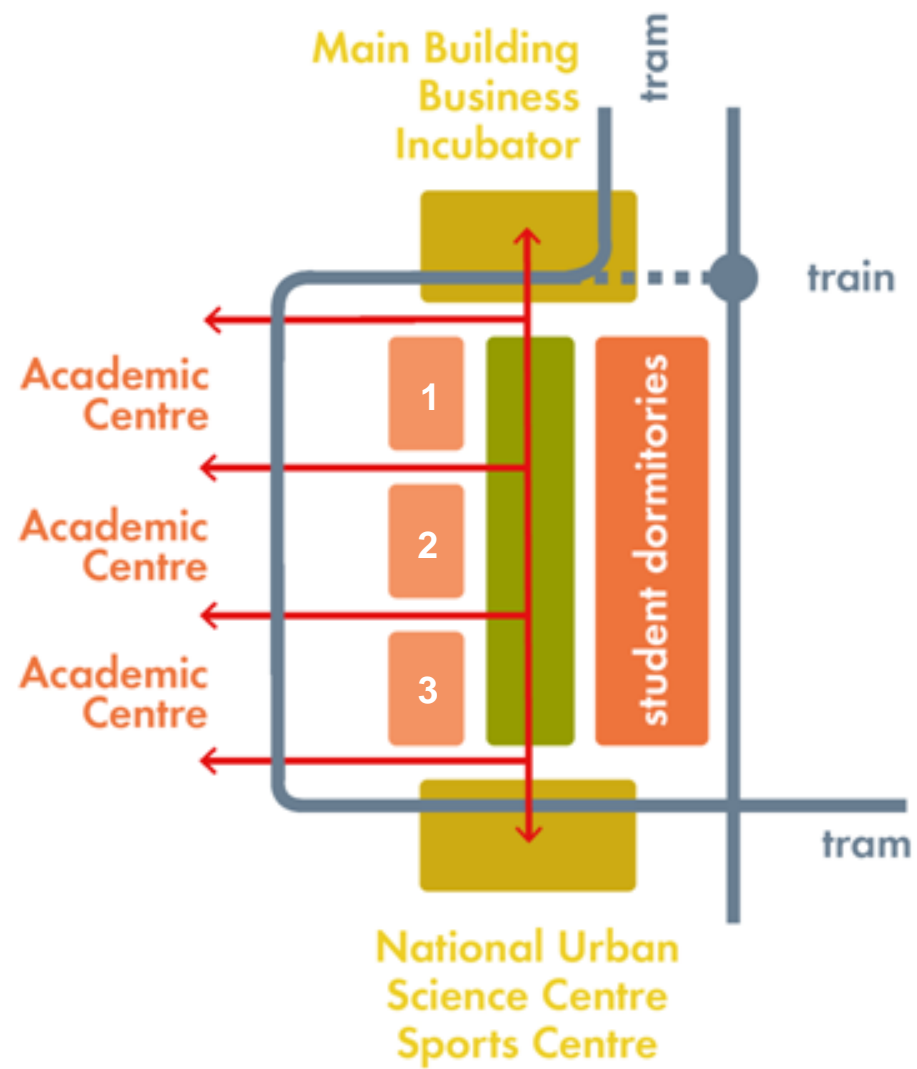


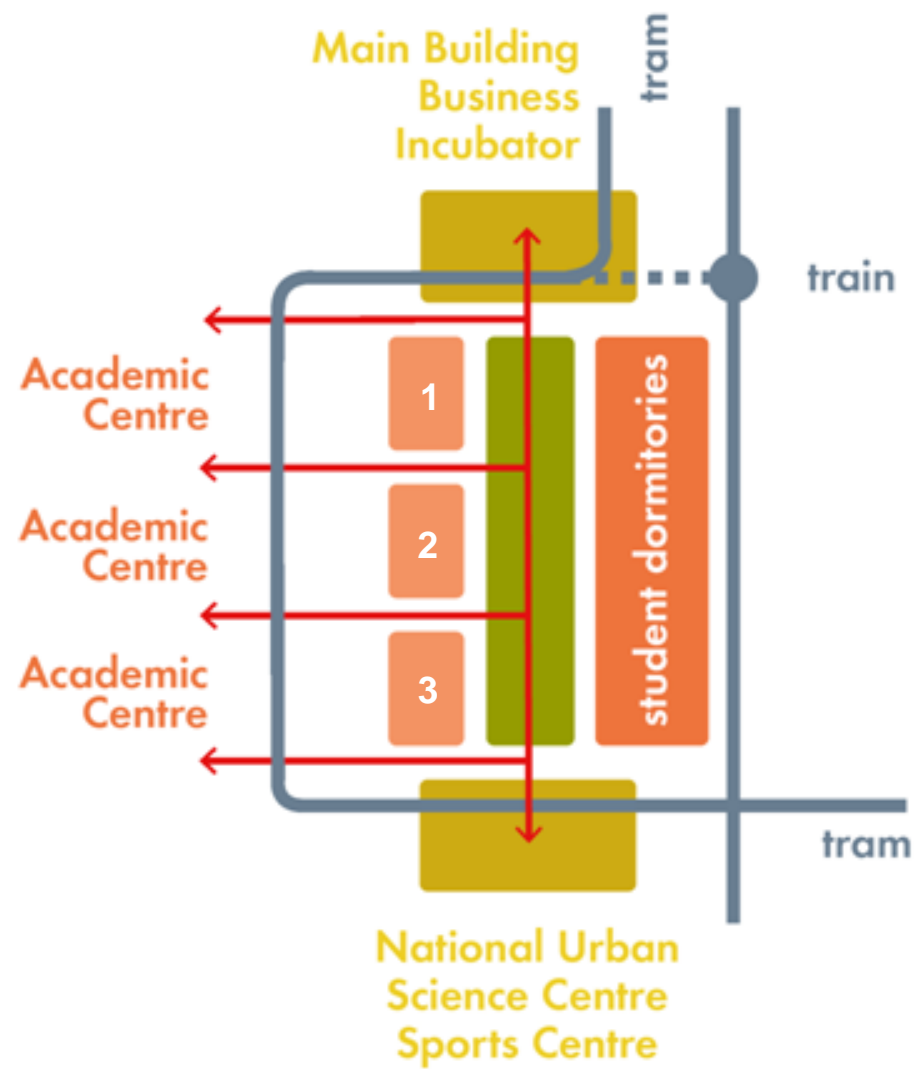


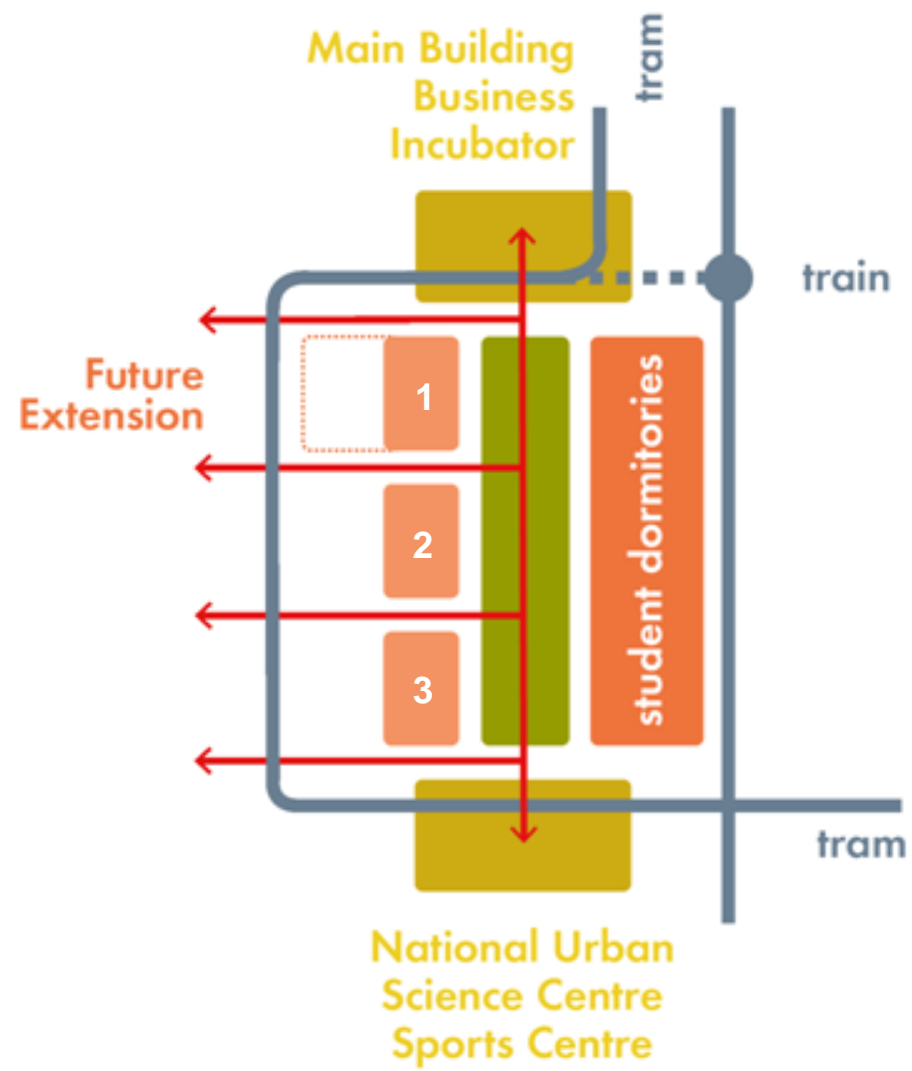


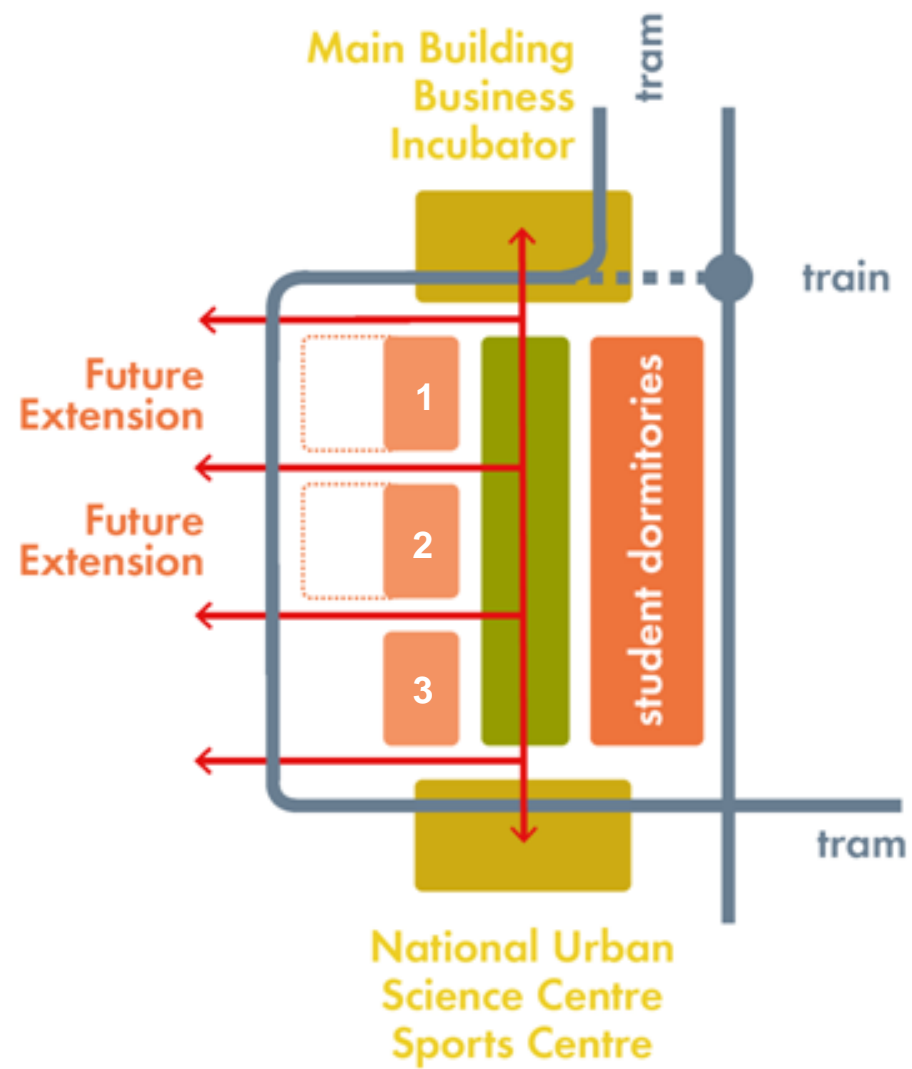


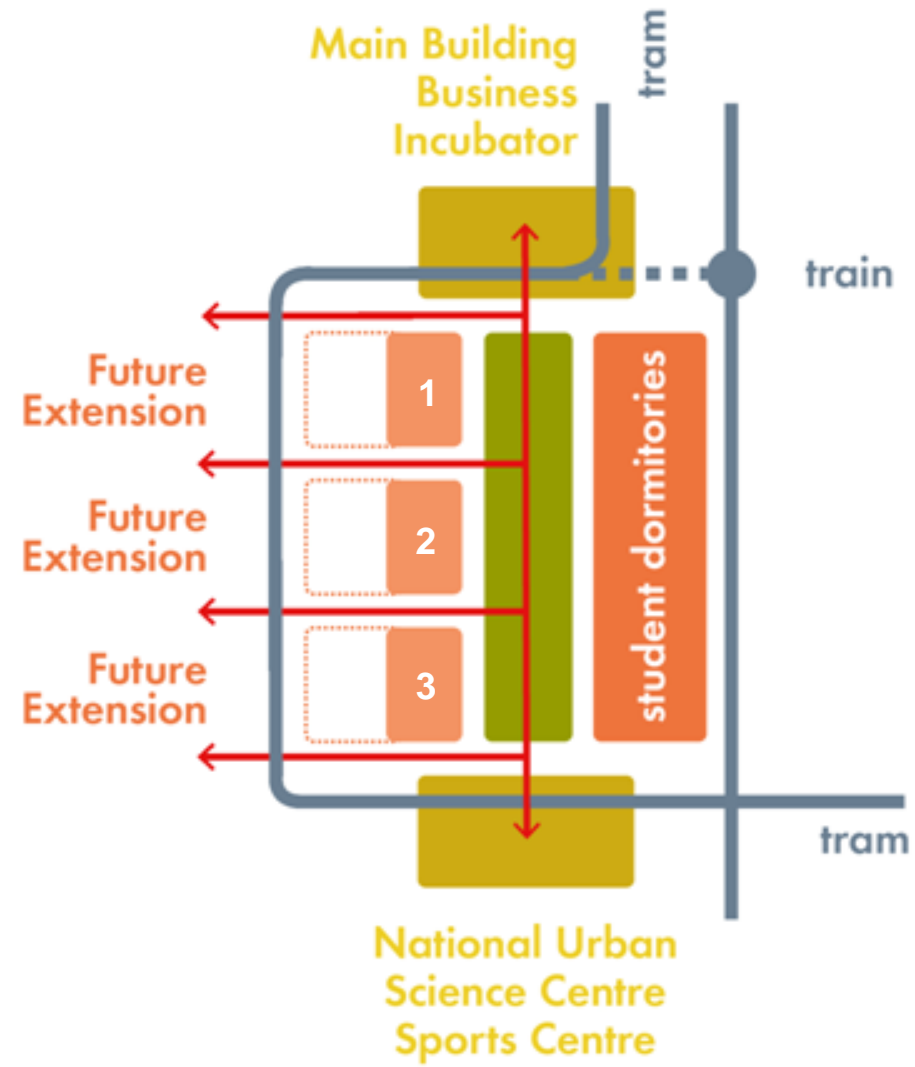


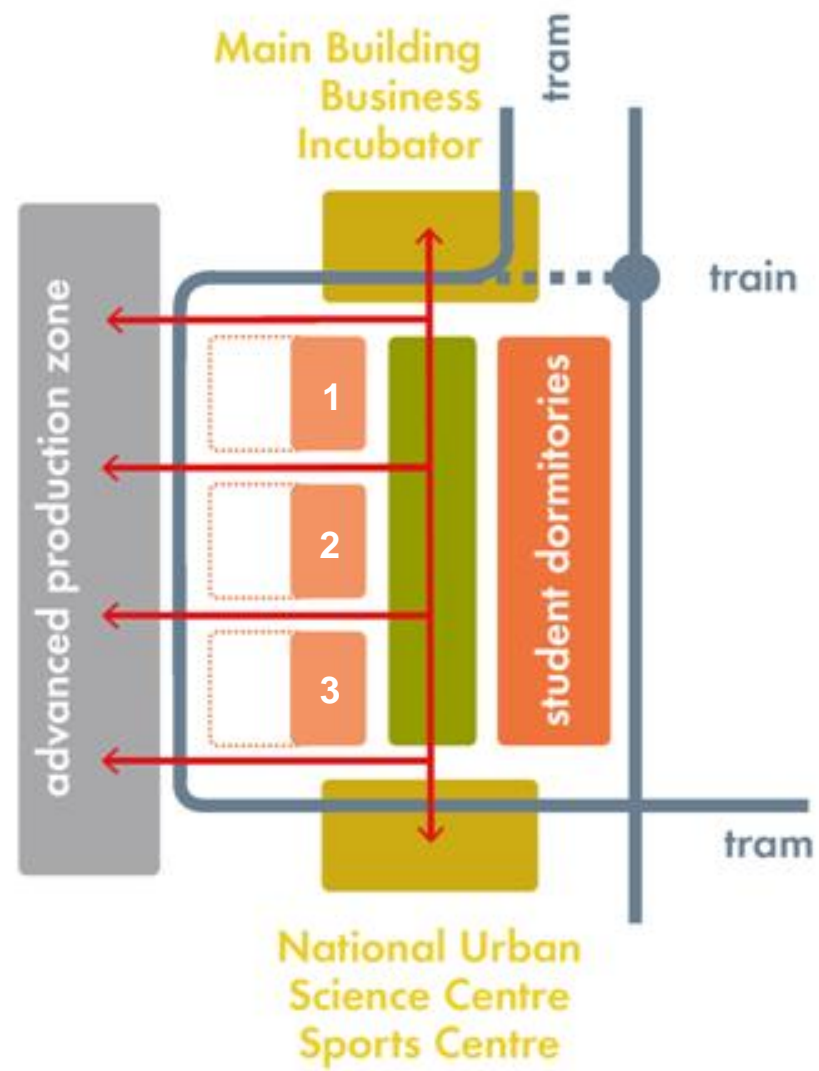


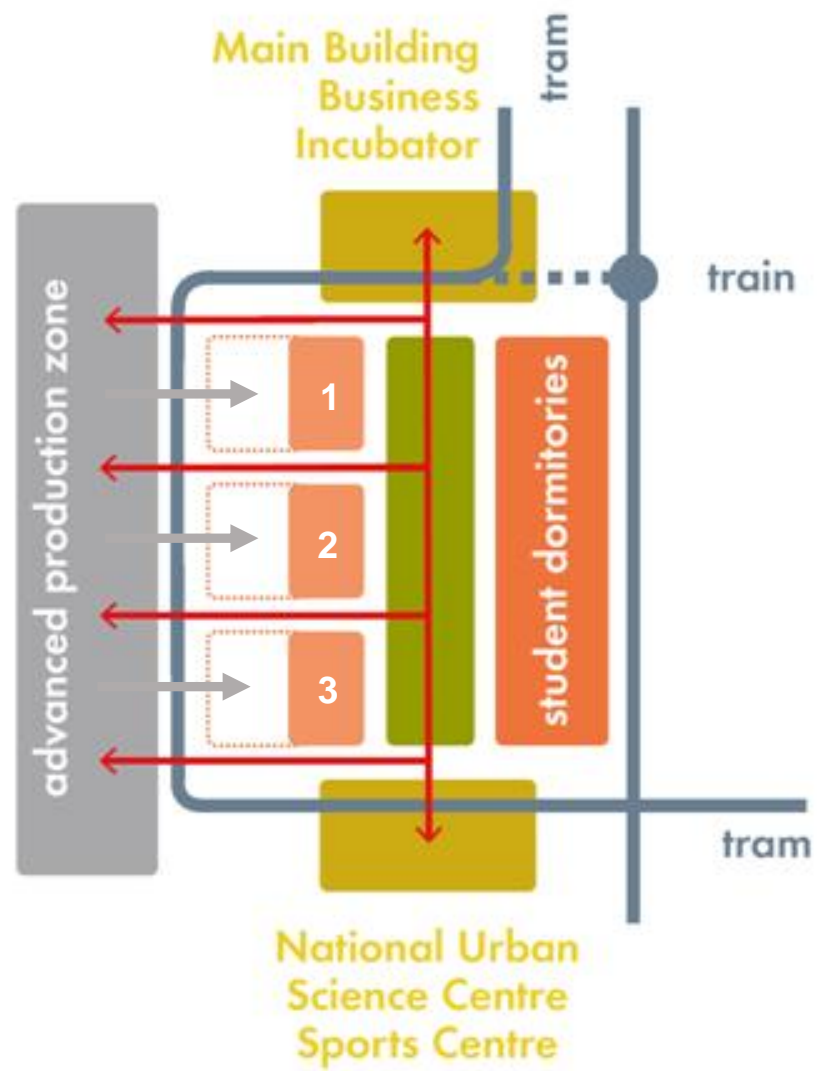












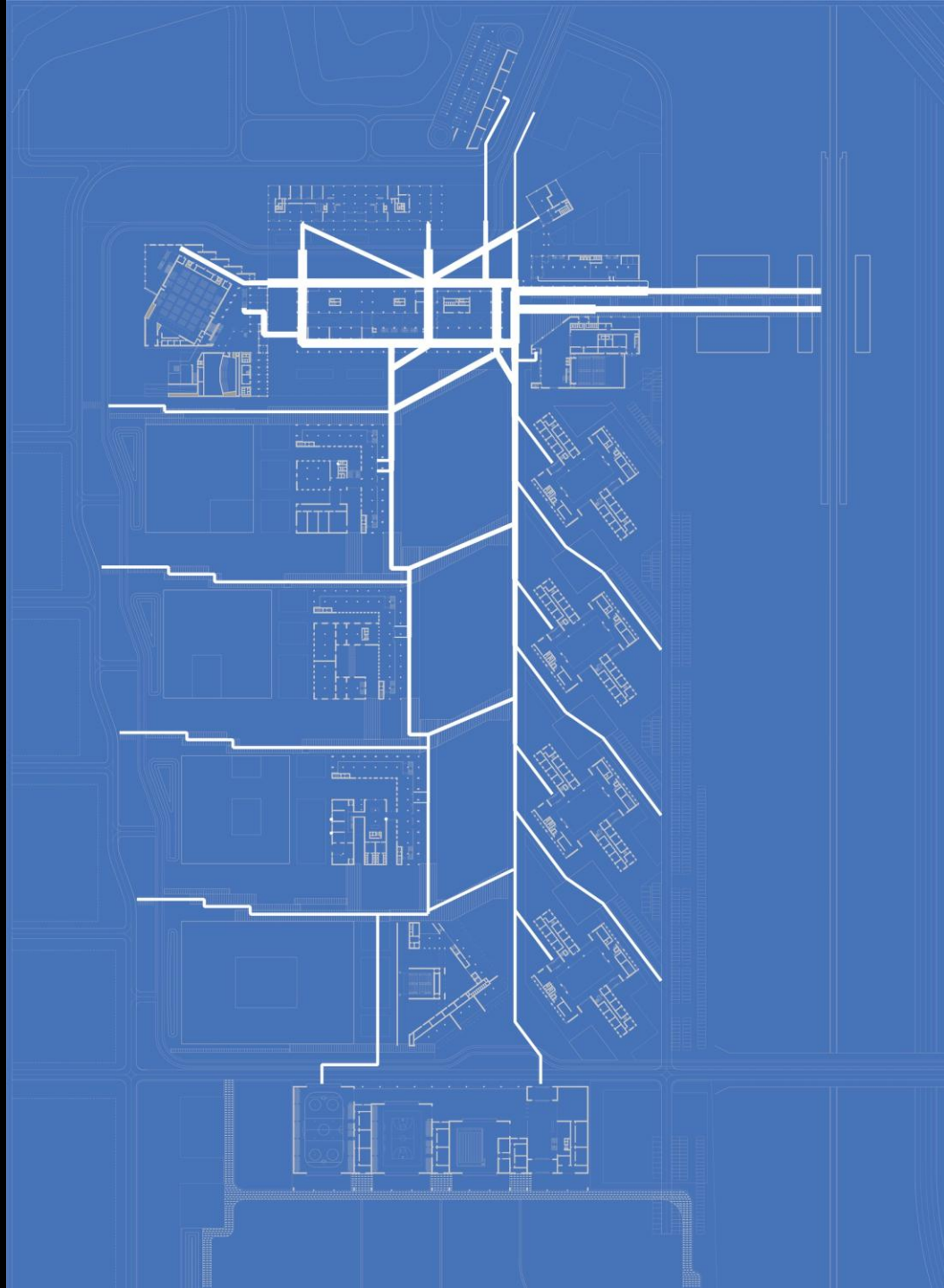


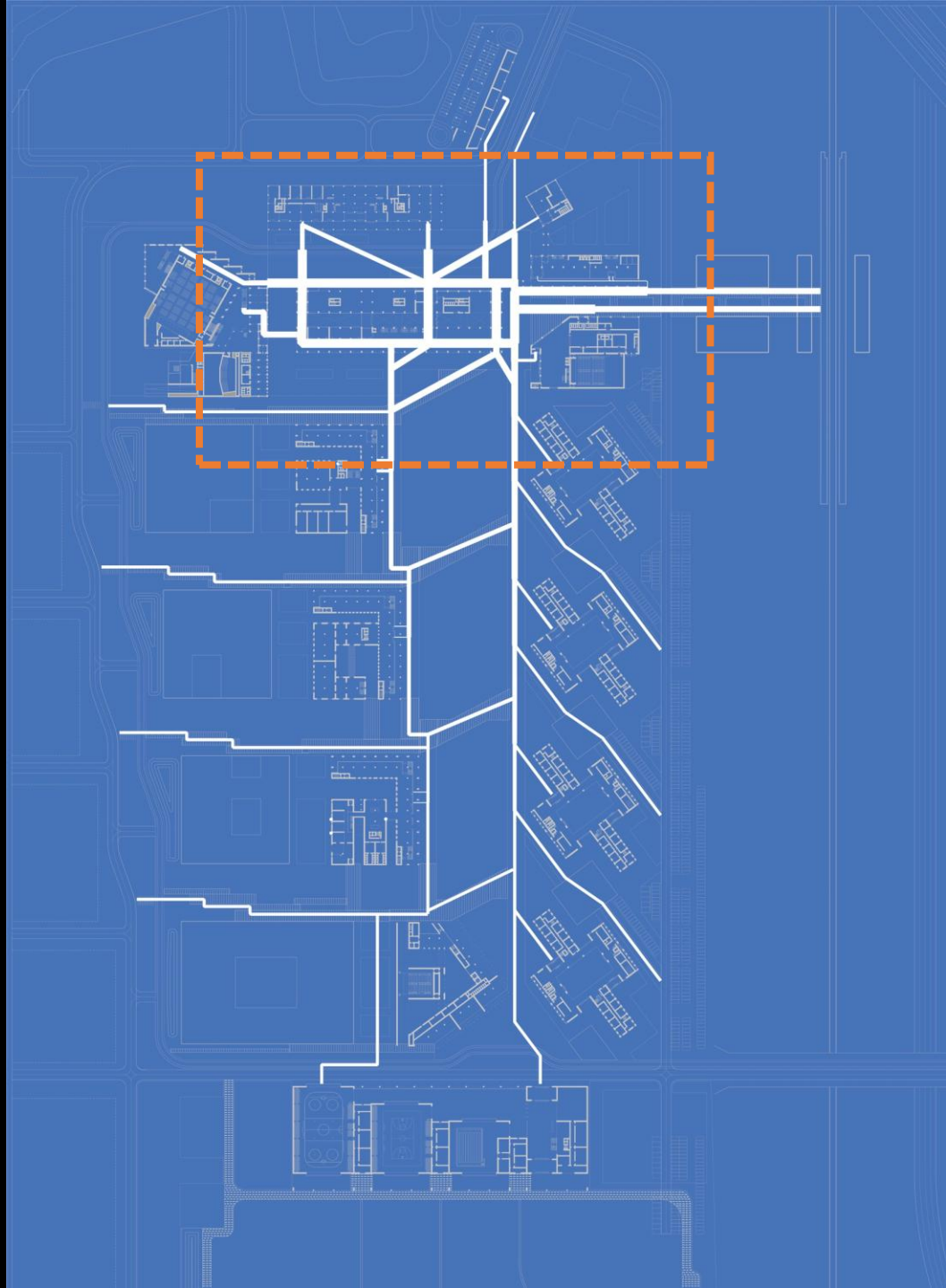


















Car park
and Transport Hub

Business Incubator

Data Centre

Conference Hall

Office and ITMO Reception

Learning Centre, Museum and Exhibition Space

Lecture Hall
and Centre for Culture and Creativity

Student Union



Car park
and Transport Hub

Data Centre

Business Incubator

1

Office and ITMO Reception

2

Learning Centre, Museum and Exhibition Space

3

Conference Hall

Lecture Hall
and Centre for Culture and Creativity

Student Union



Car park
and Transport Hub

Data Centre

Business Incubator

4

1

Office and ITMO Reception

Conference Hall

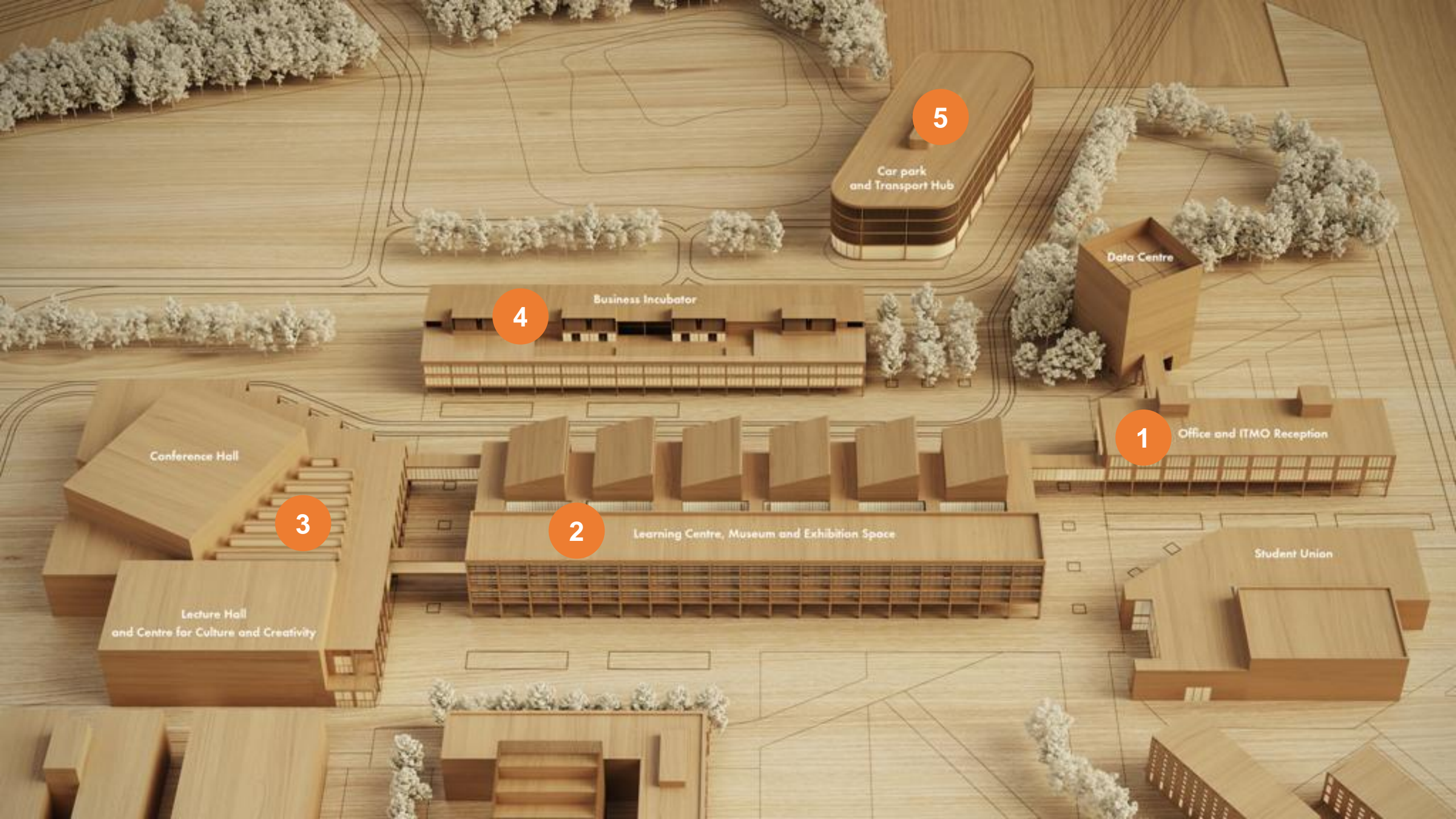
3

Lecture Hall
and Centre for Culture and Creativity

2

Learning Centre, Museum and Exhibition Space

Student Union



5

Car park
and Transport Hub

4

Business Incubator

1

Office and ITMO Reception

3

Conference Hall

Lecture Hall
and Centre for Culture and Creativity

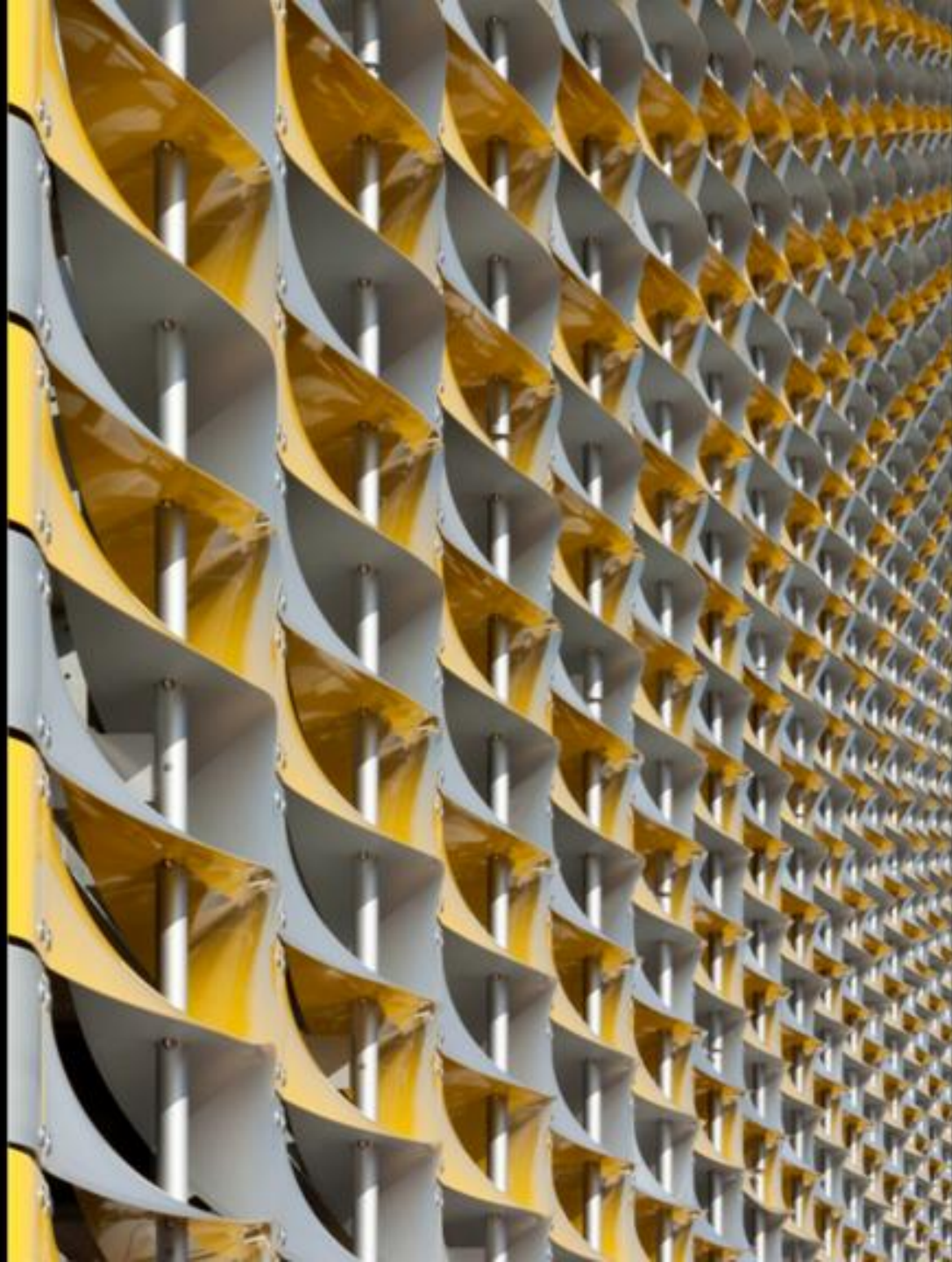
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Learning Centre, Museum and Exhibition Space

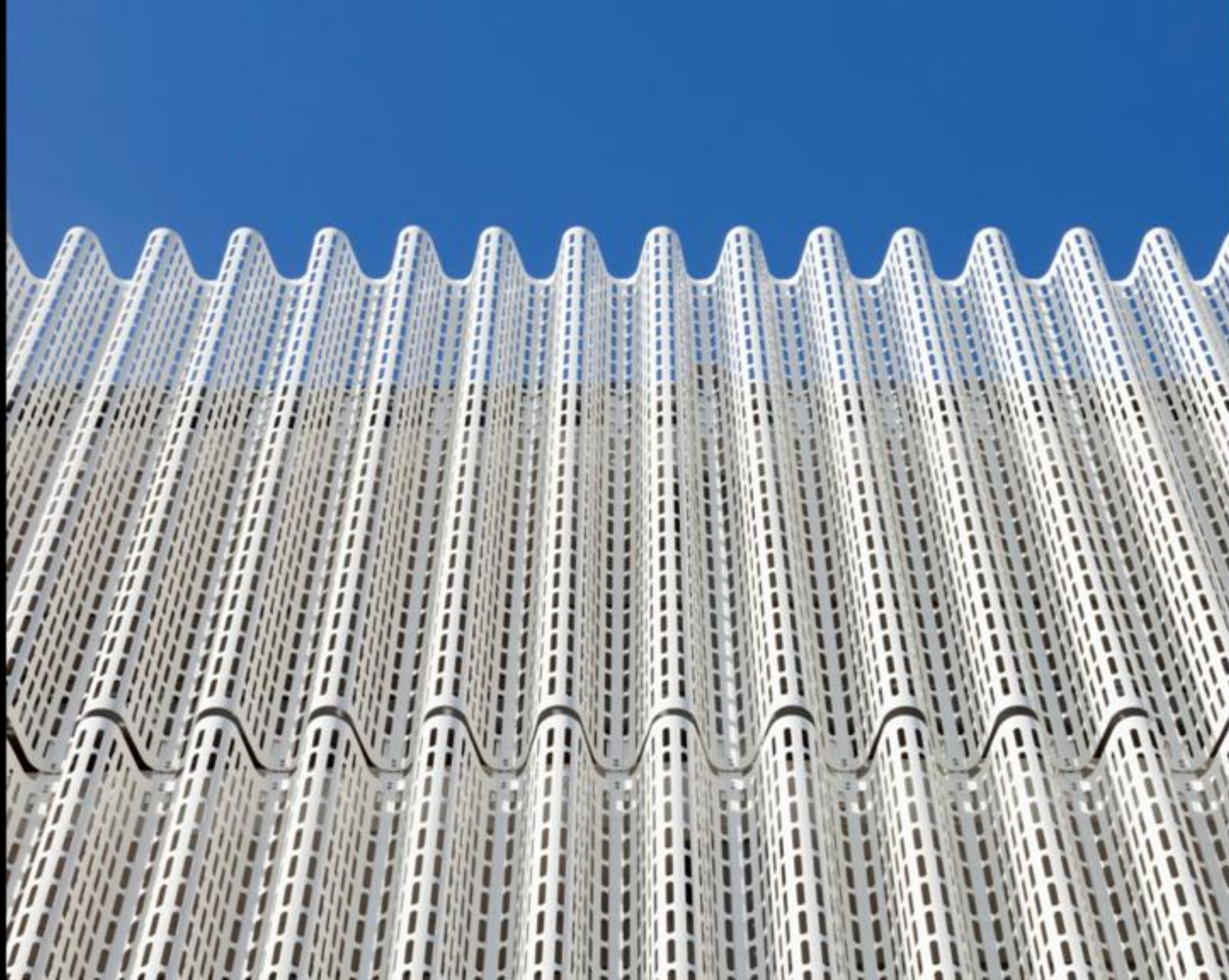
Student Union



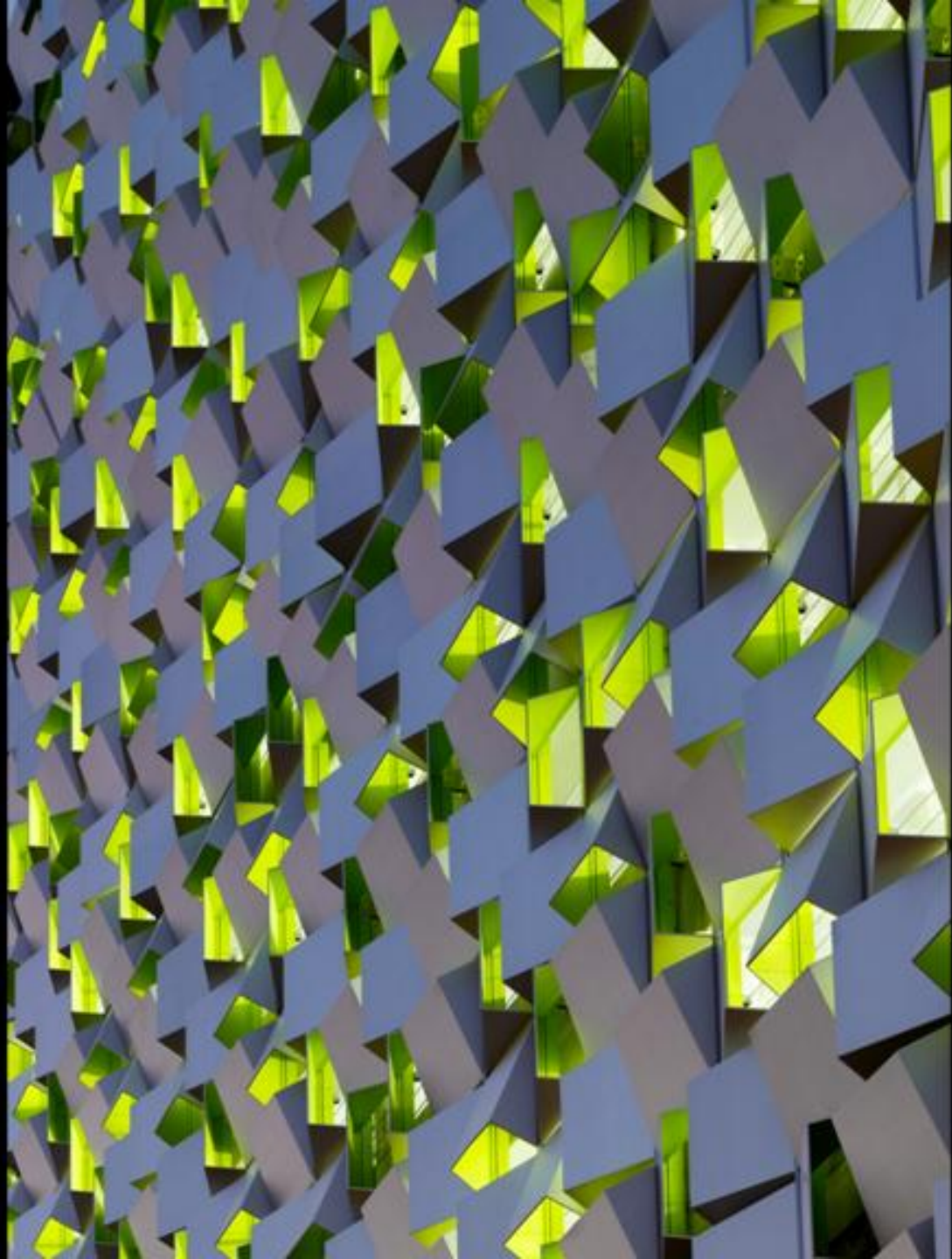


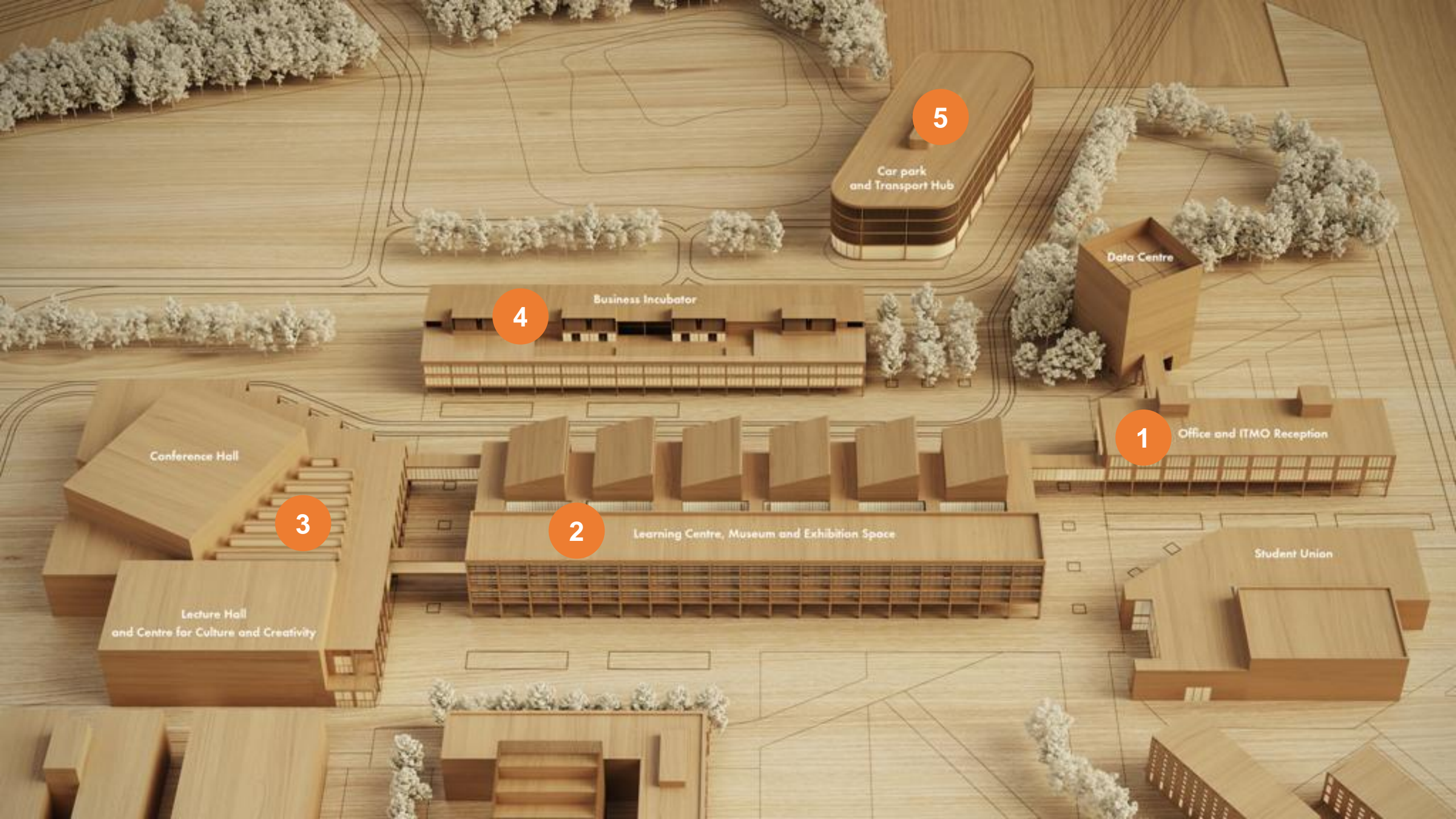












5

Car park
and Transport Hub

Data Centre

4

Business Incubator

1

Office and ITMO Reception

2

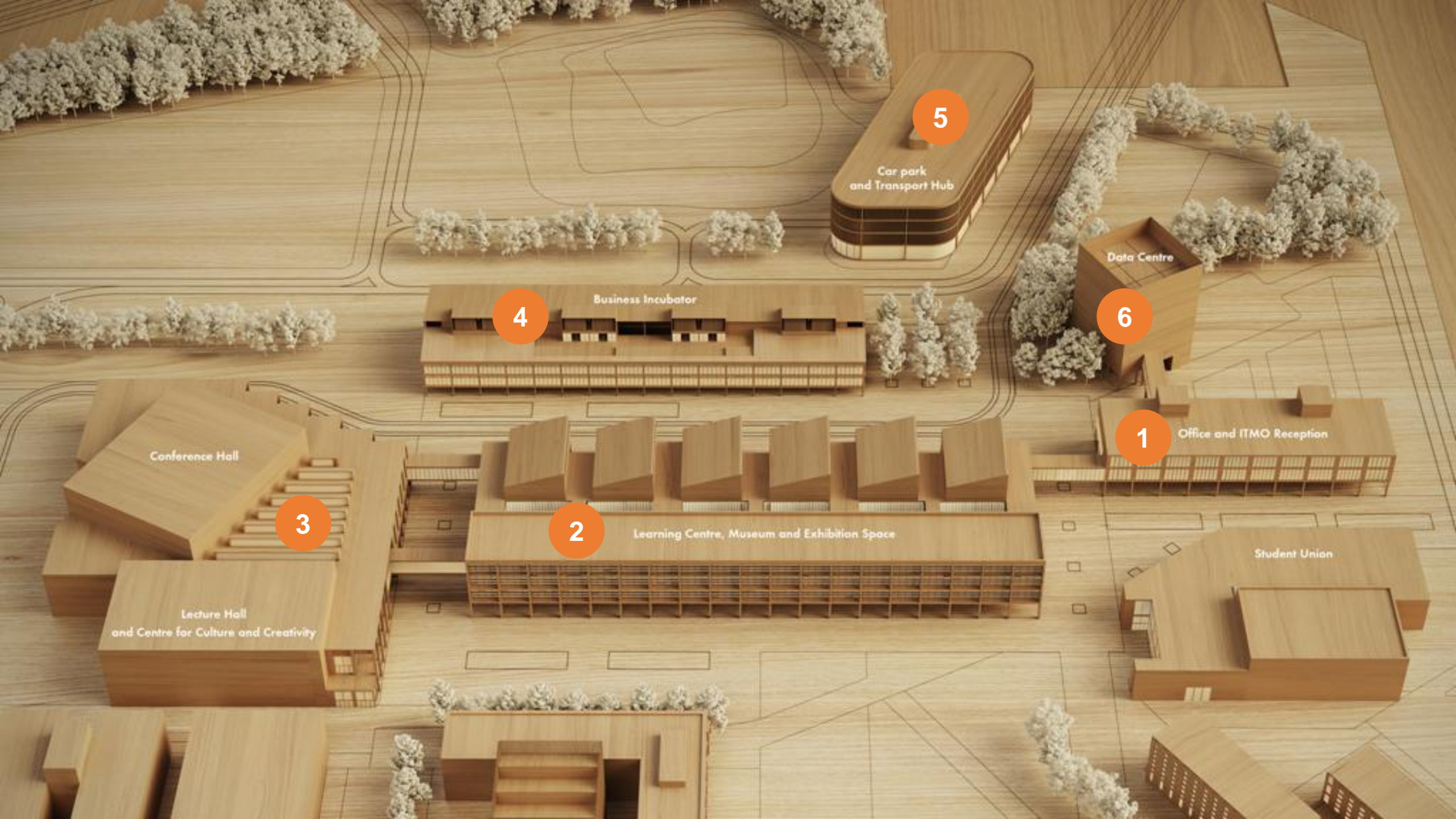
Learning Centre, Museum and Exhibition Space

3

Conference Hall

Lecture Hall
and Centre for Culture and Creativity

Student Union



5

Car park
and Transport Hub

4

Business Incubator

6

Data Centre

1

Office and ITMO Reception

2

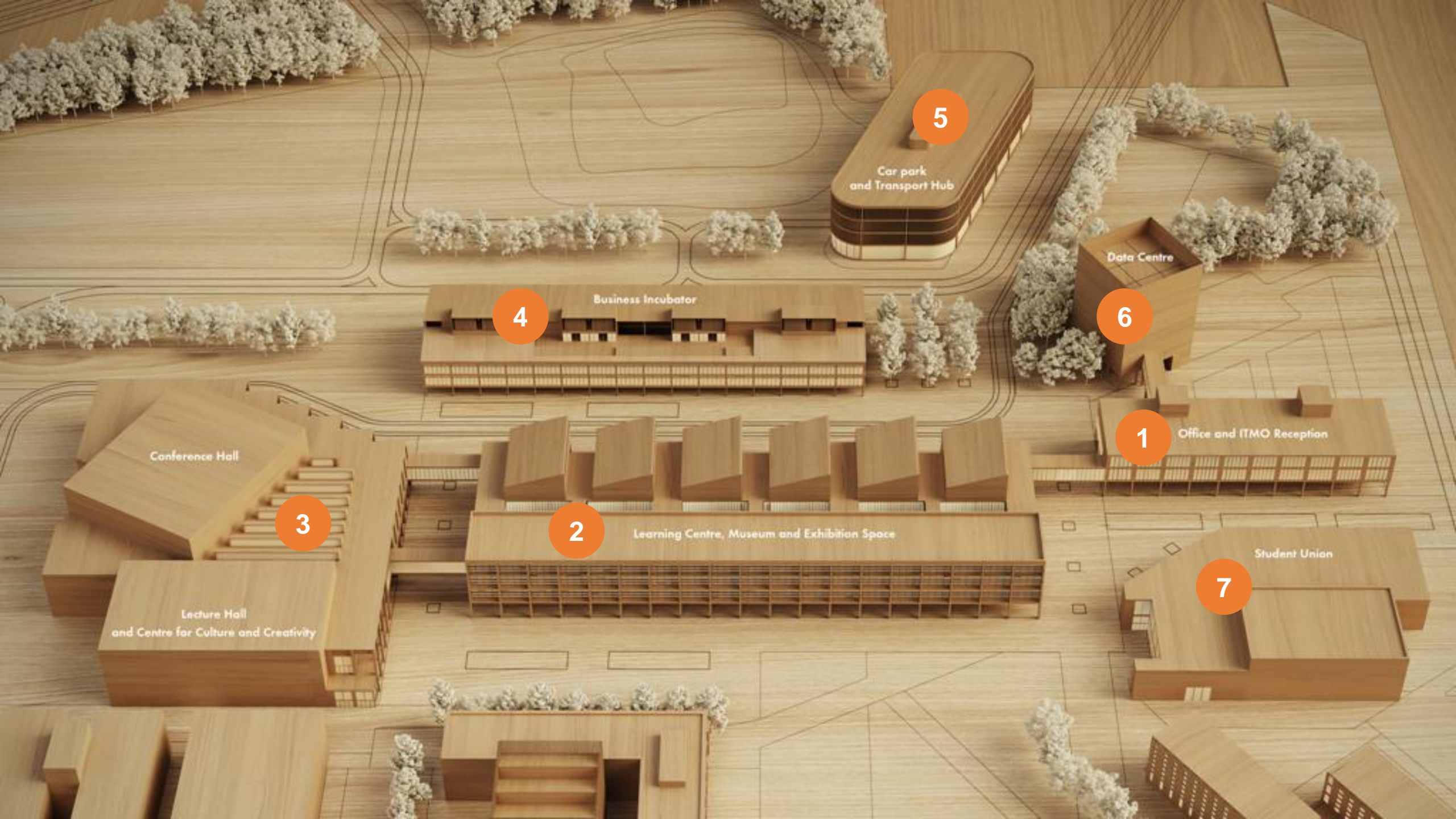
Learning Centre, Museum and Exhibition Space

3

Conference Hall

Lecture Hall
and Centre for Culture and Creativity

Student Union



5

Car park
and Transport Hub

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Business Incubator

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Data Centre

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Office and ITMO Reception

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Conference Hall

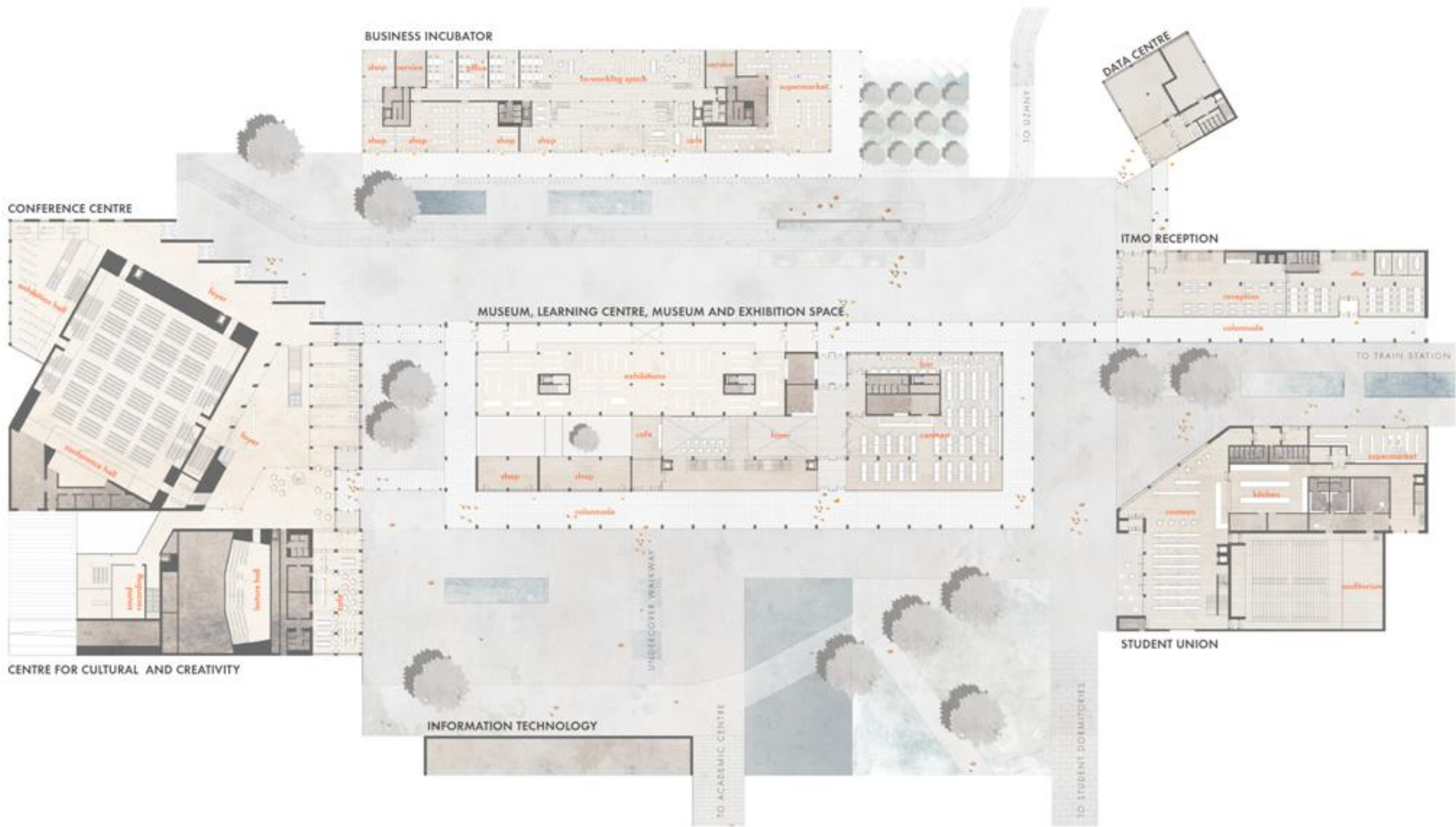
Lecture Hall
and Centre for Culture and Creativity

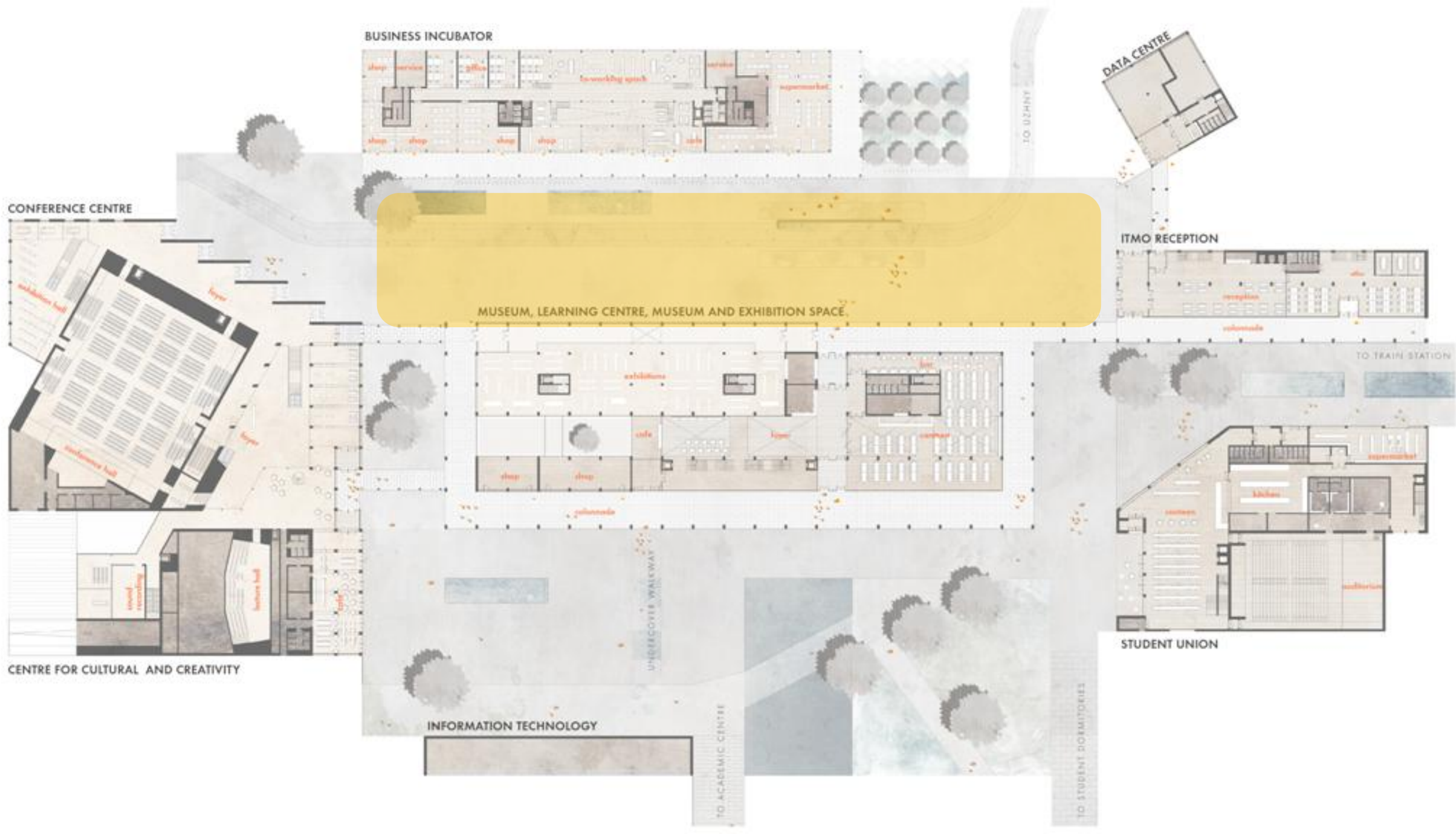
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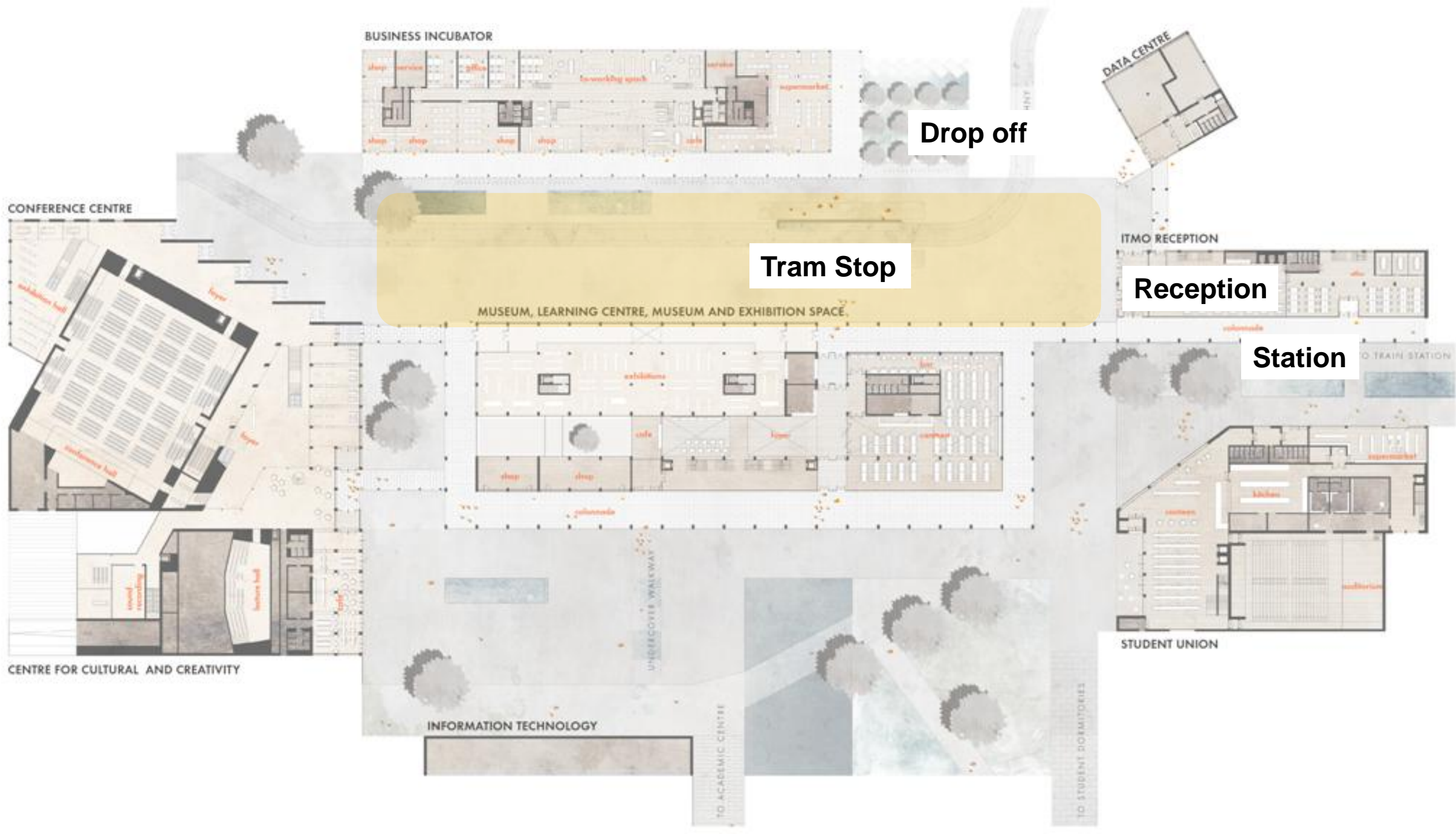
Learning Centre, Museum and Exhibition Space

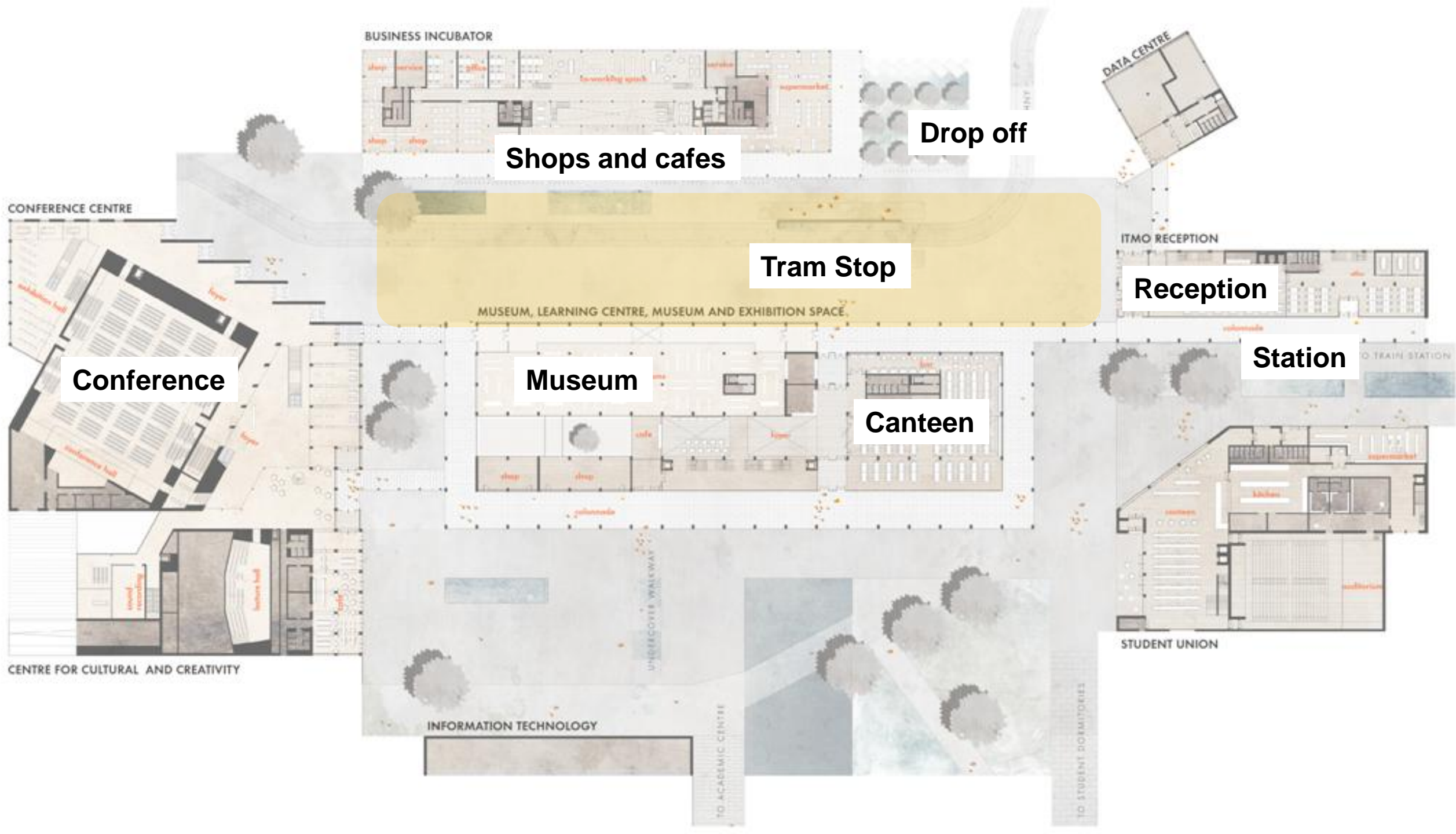
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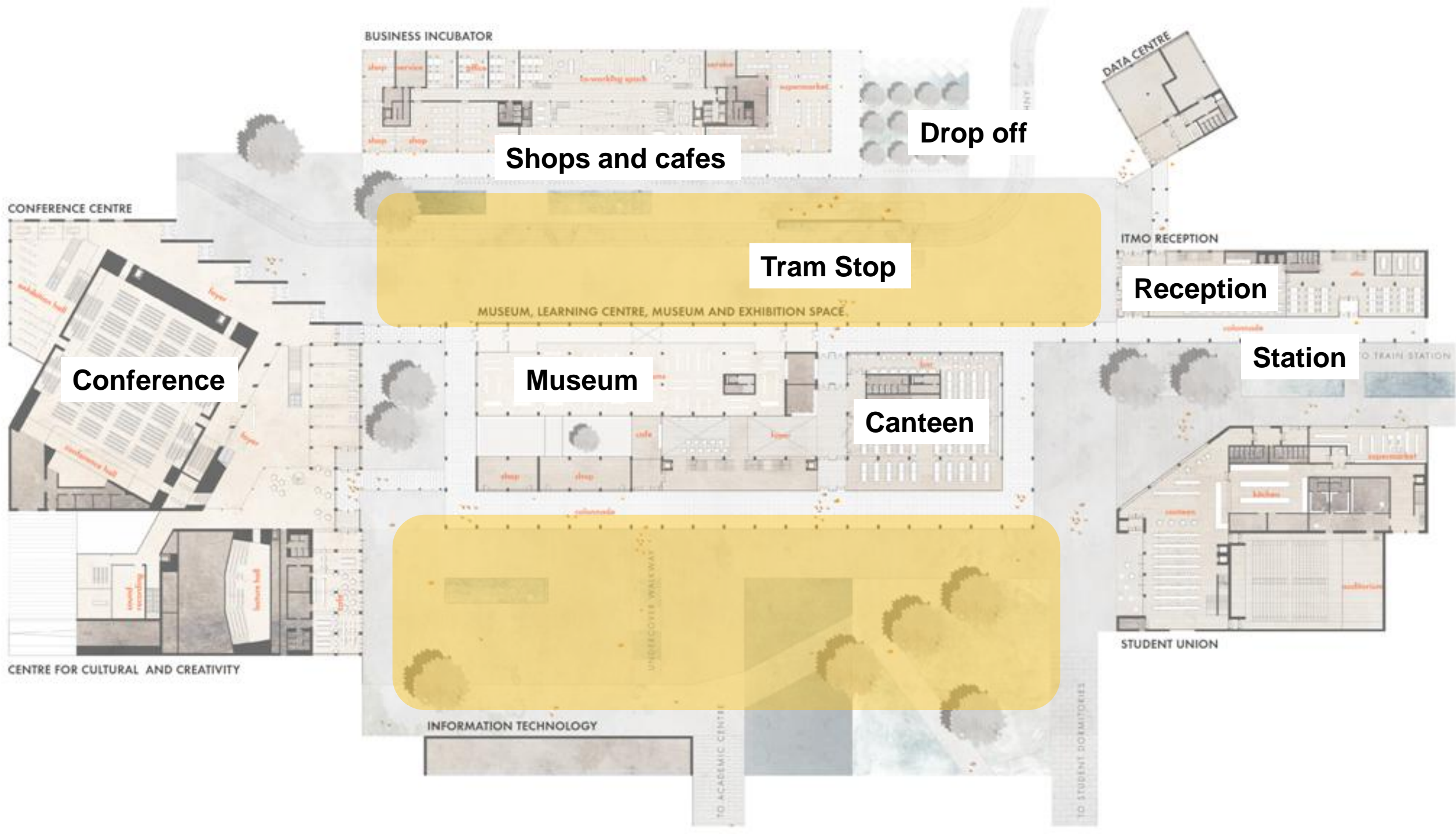
Student Union

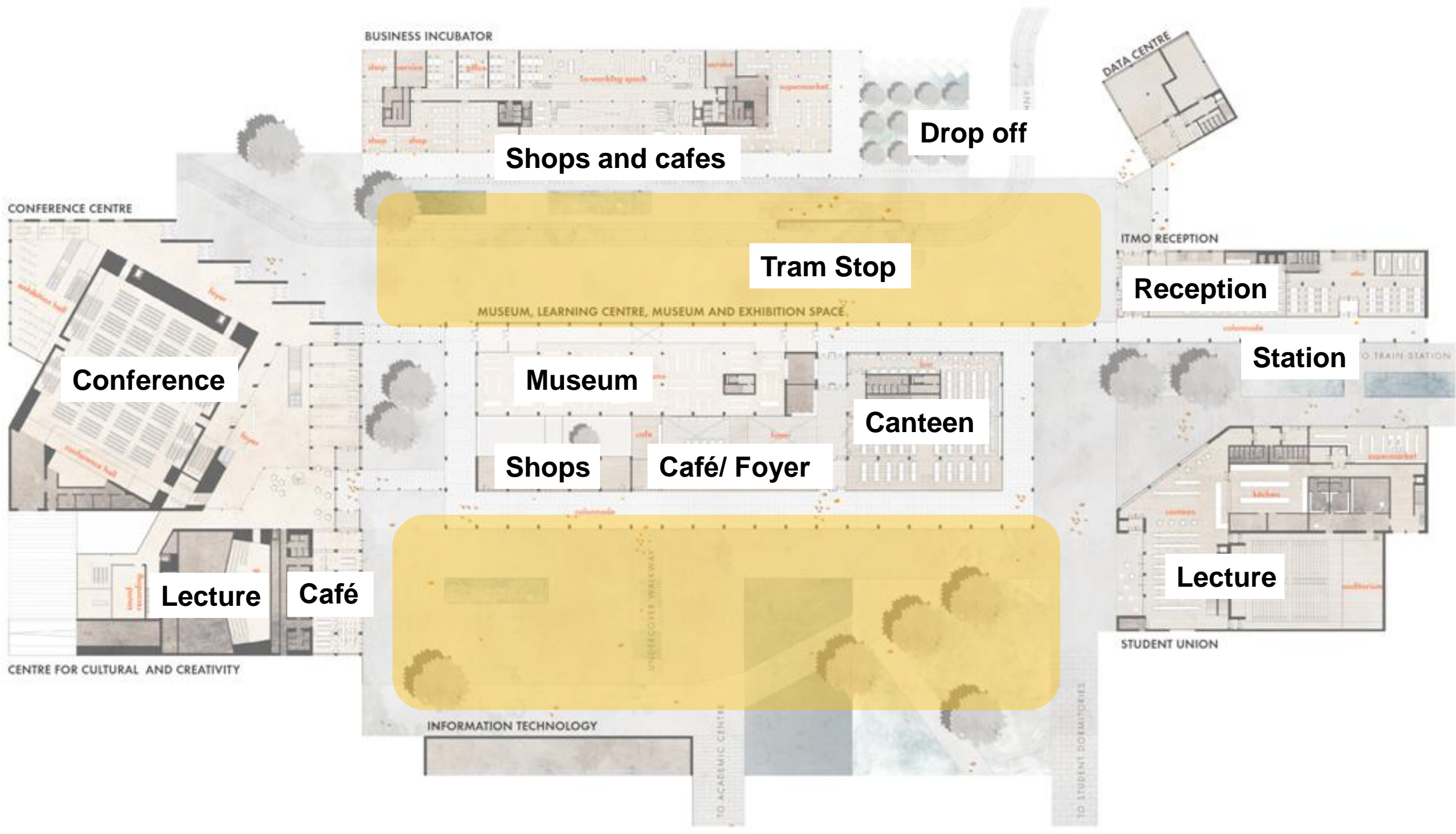


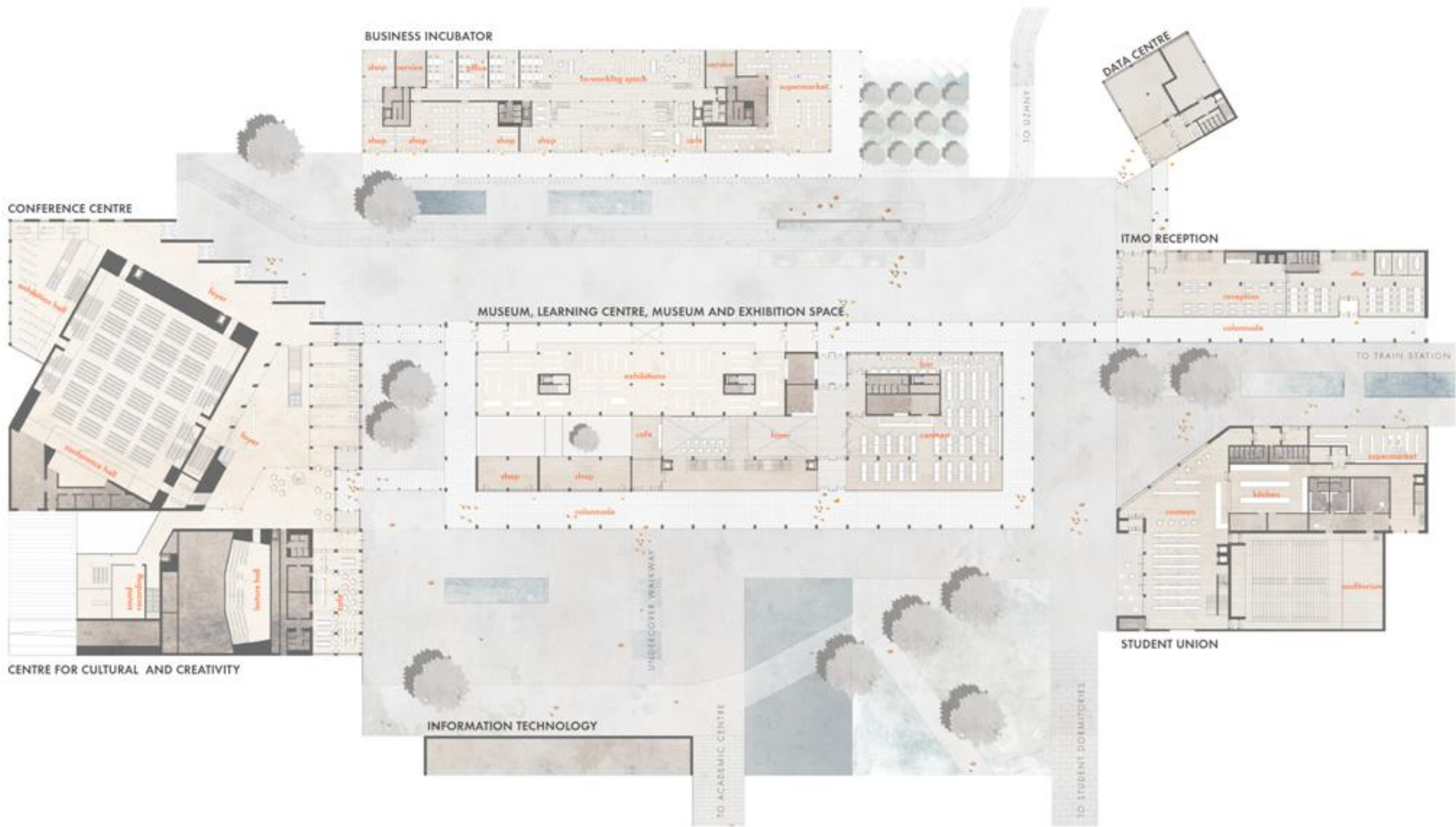


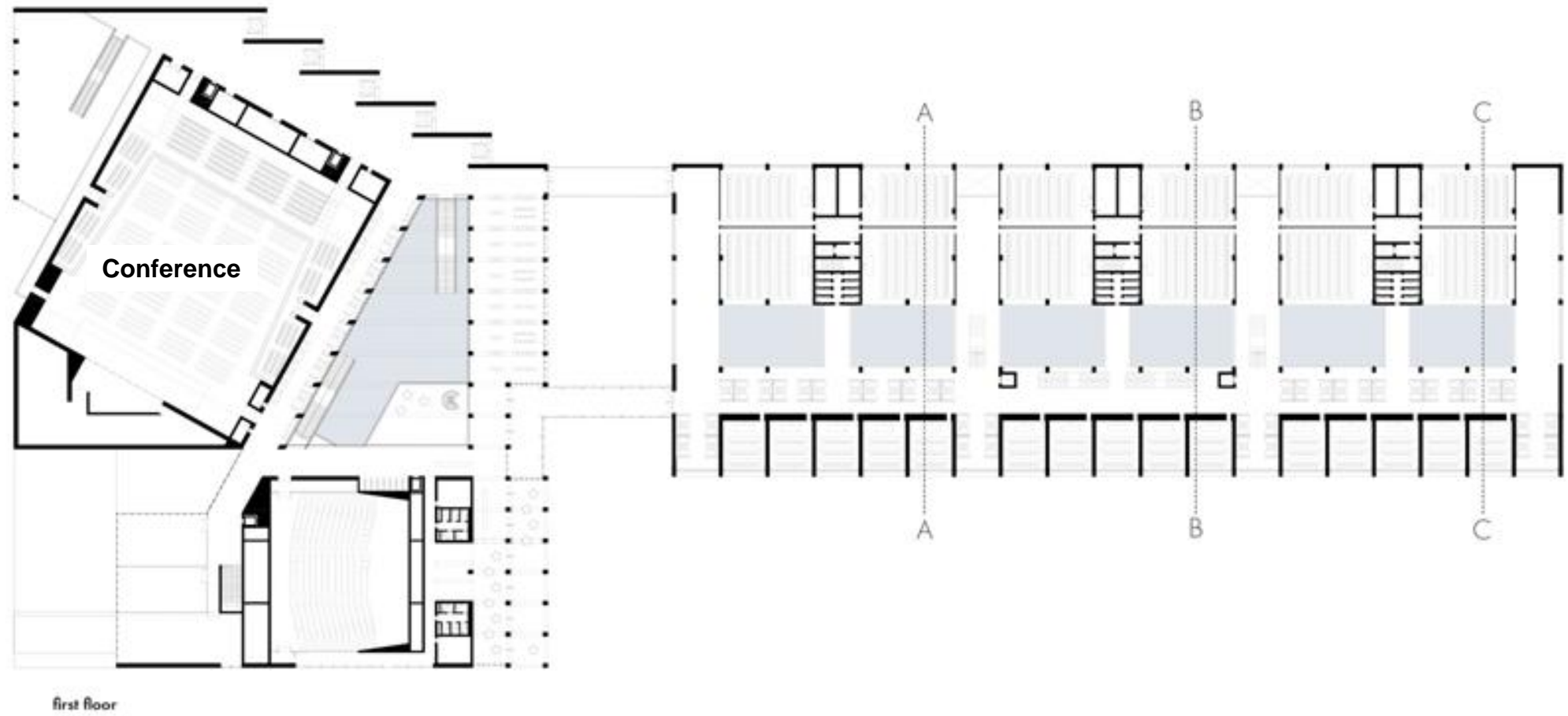


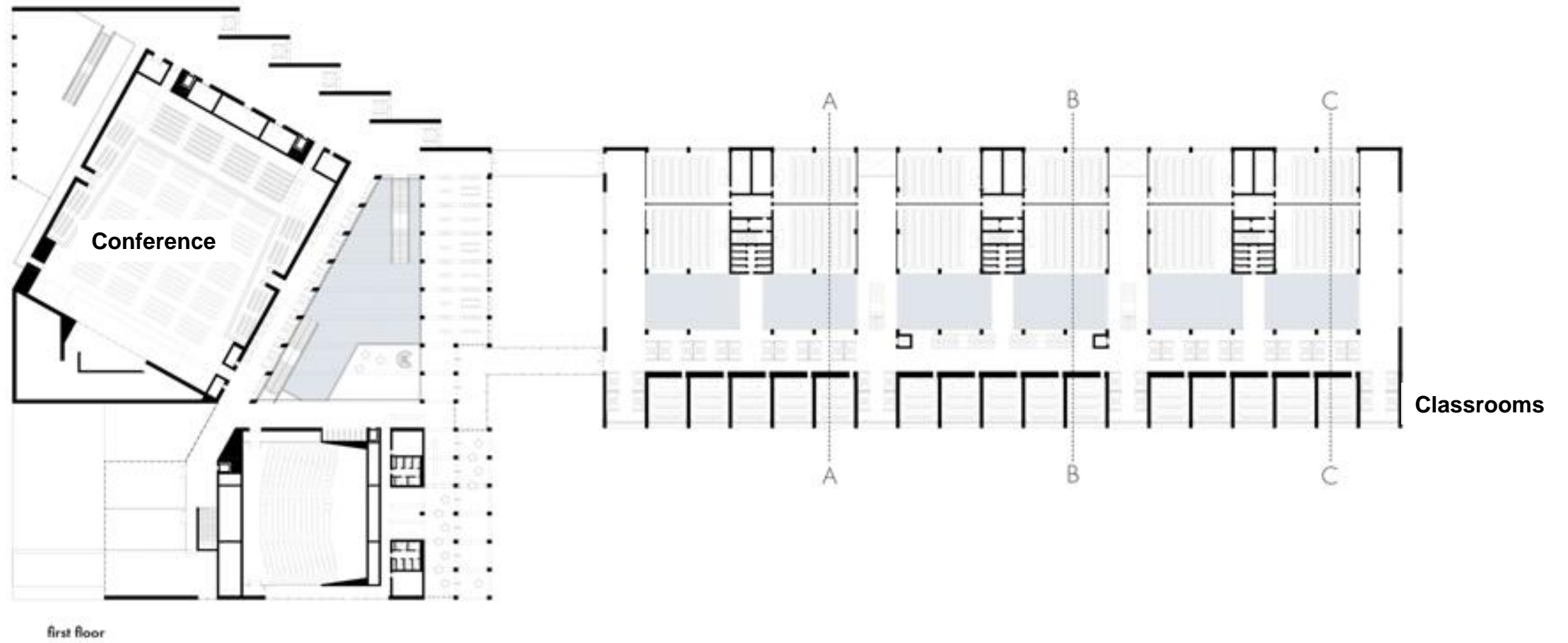


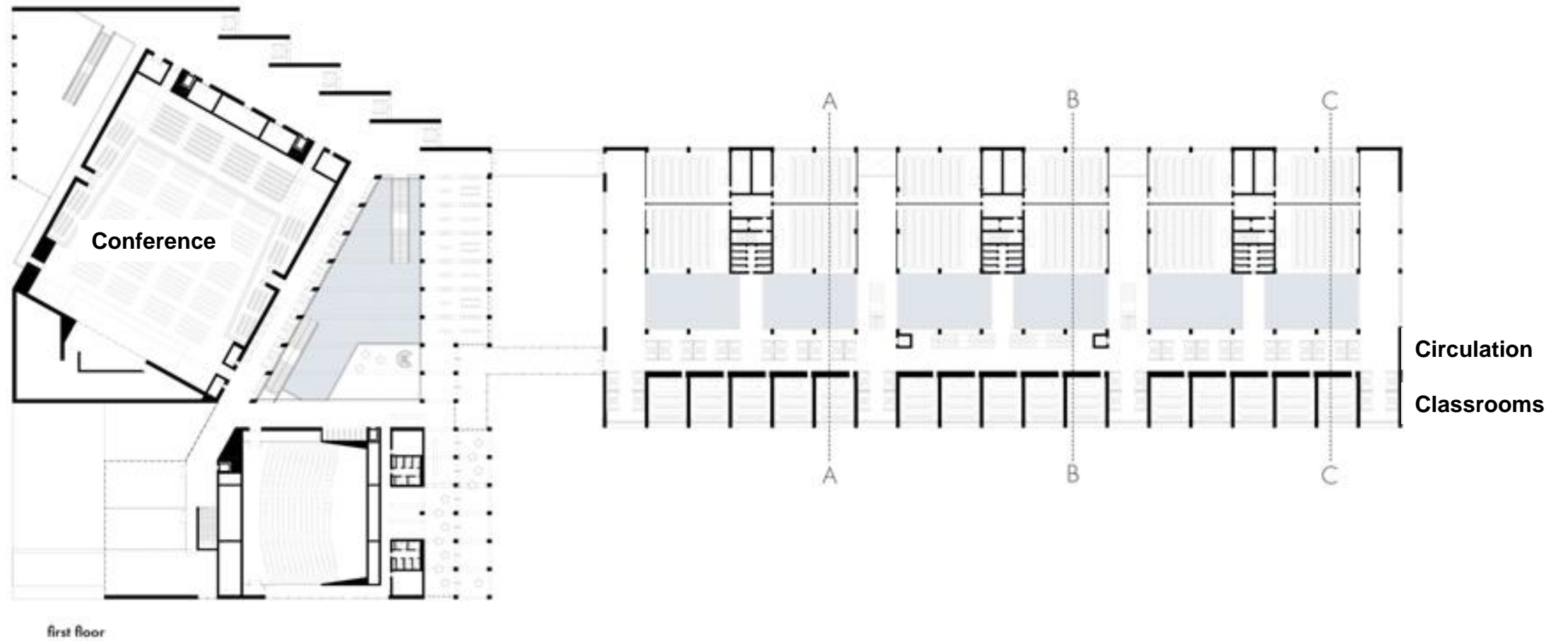


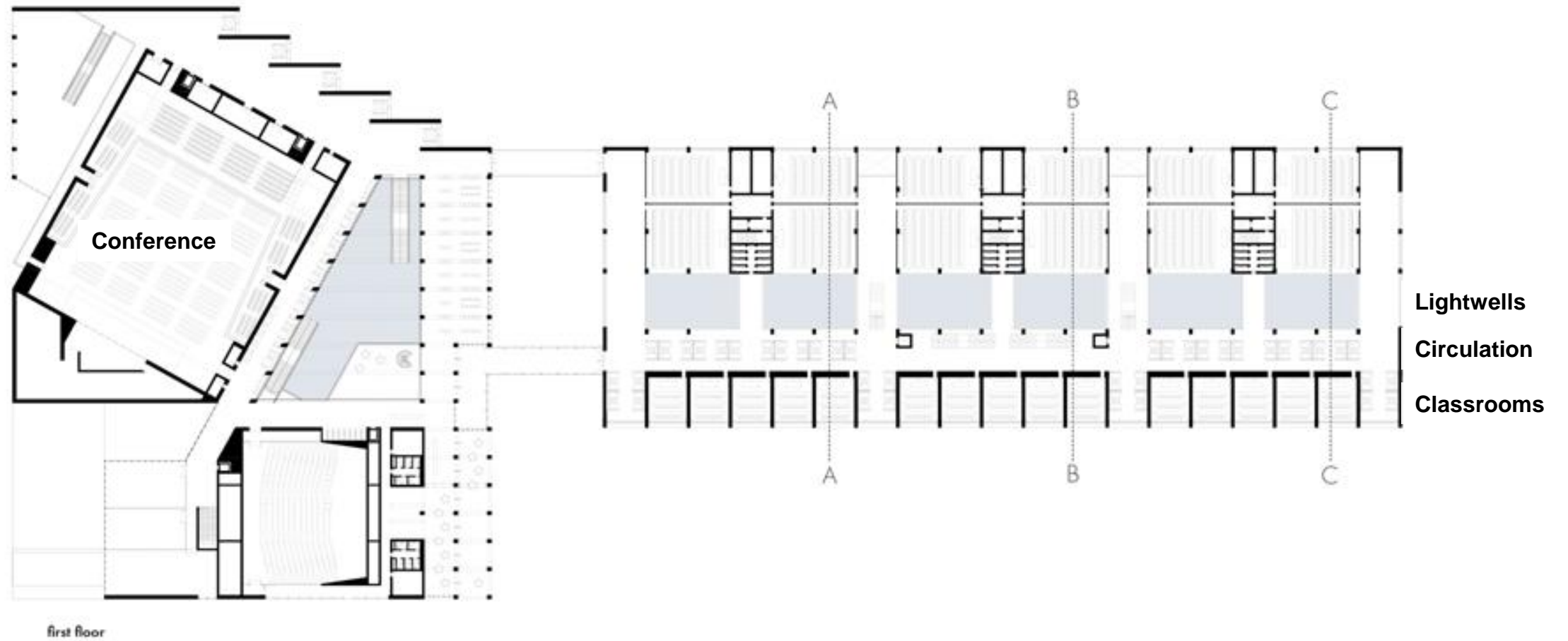


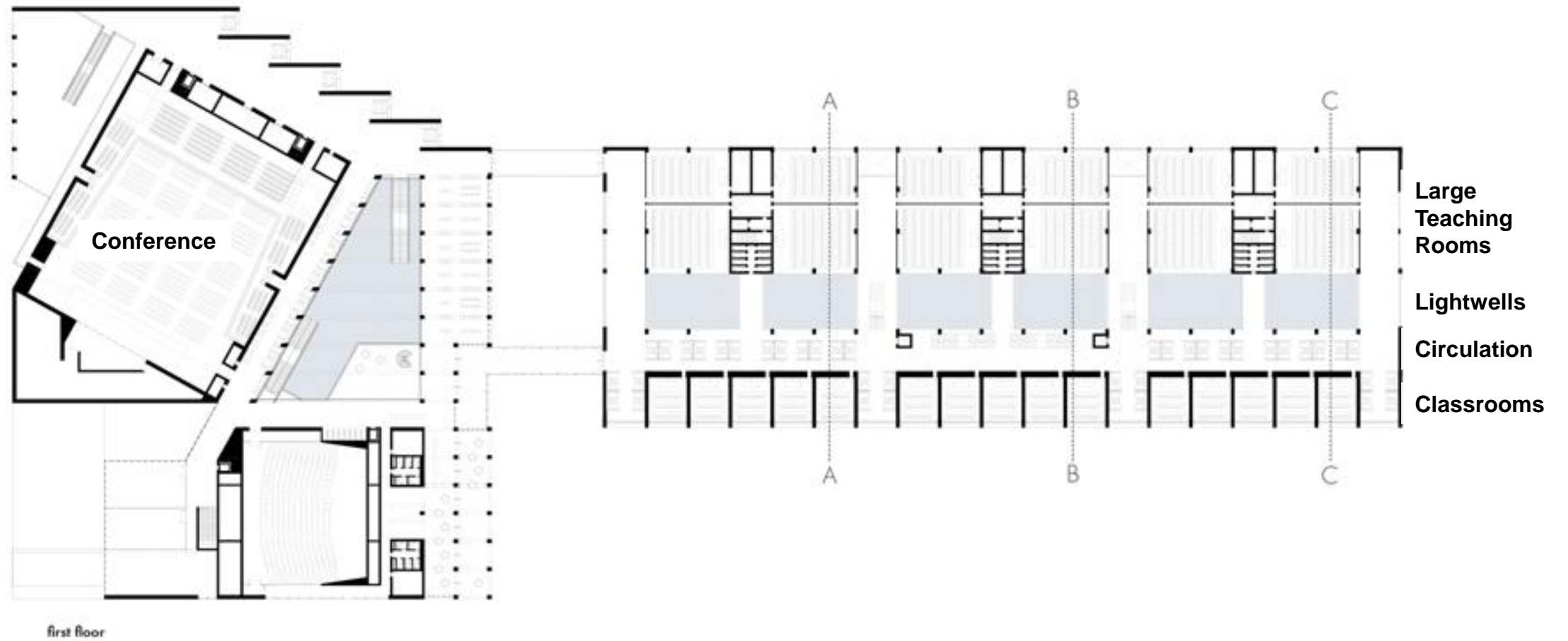


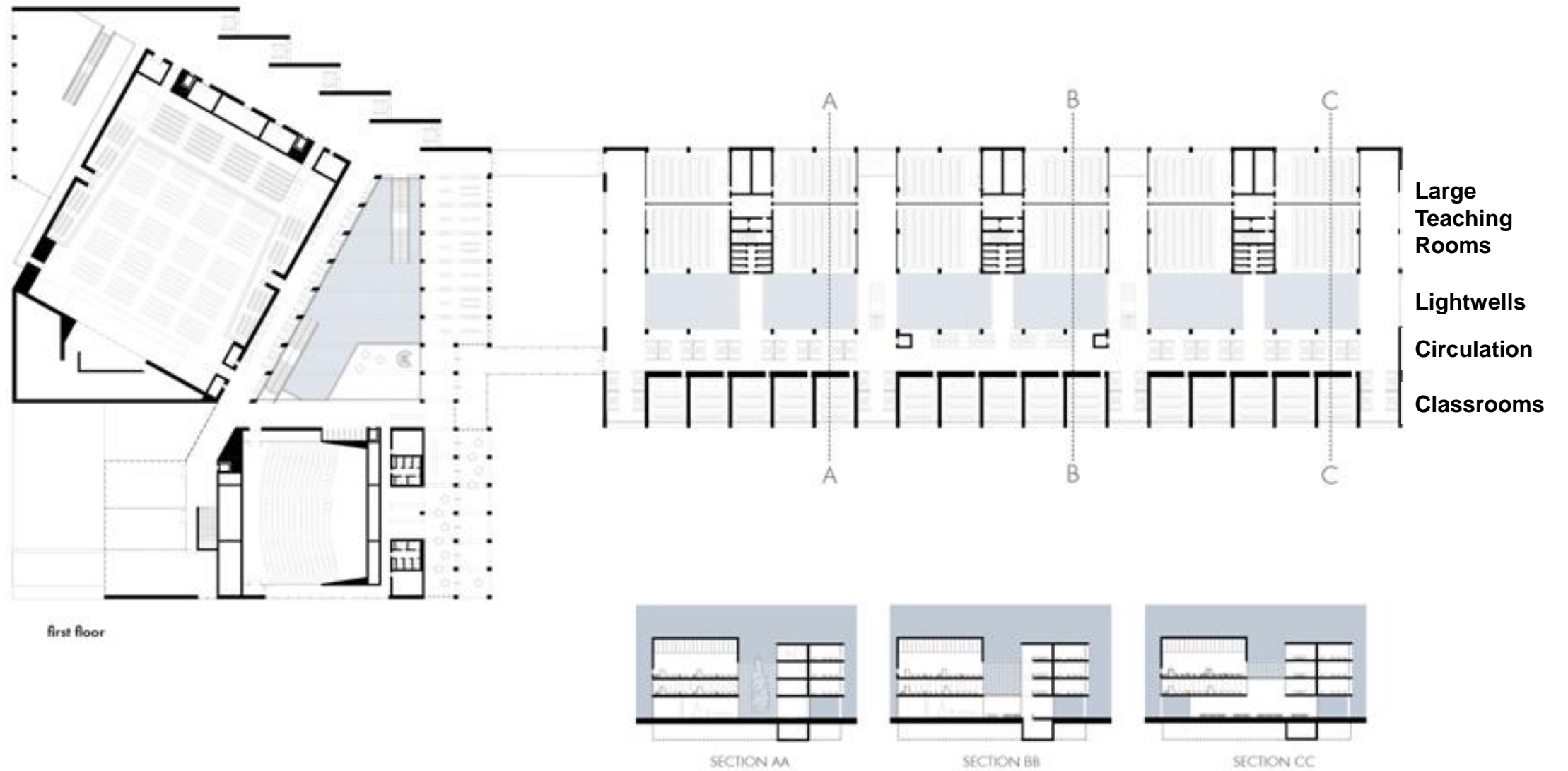


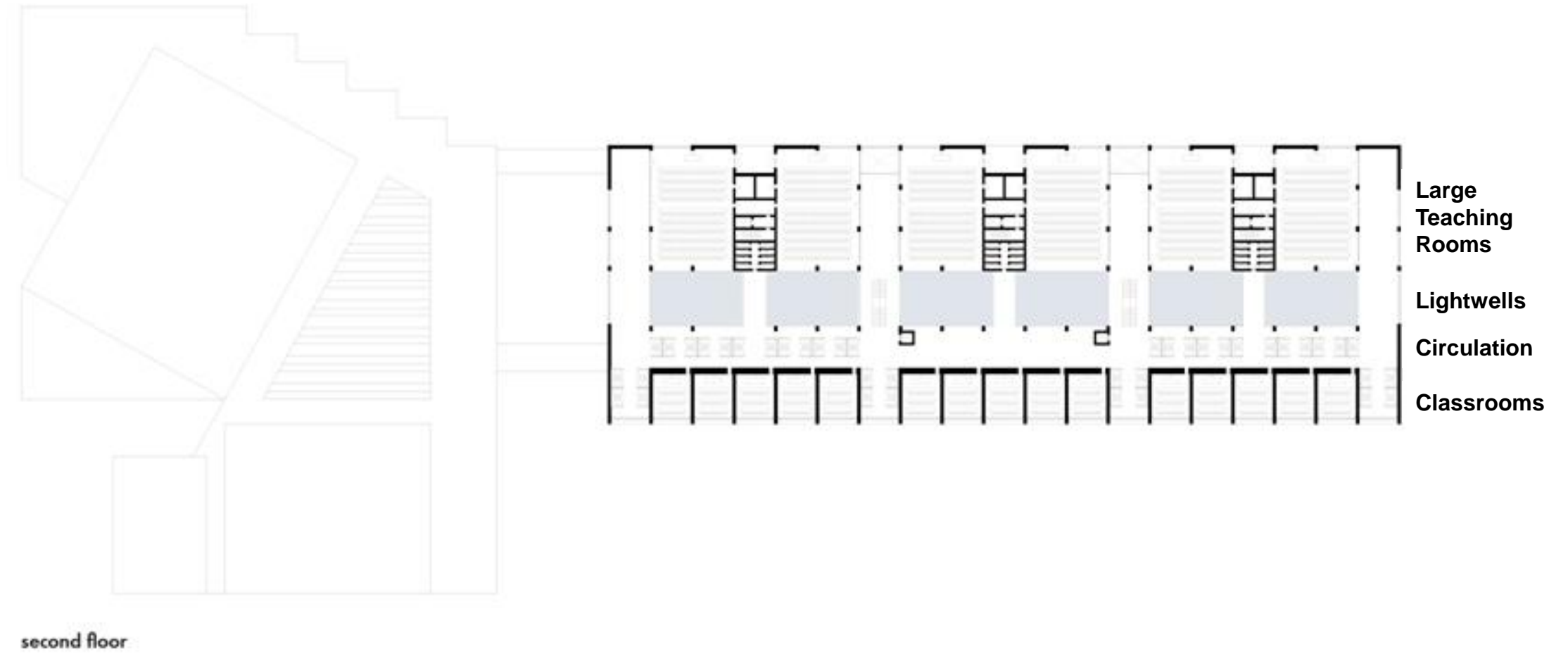














learning centre cafe



museum



learning centre foyer









a room

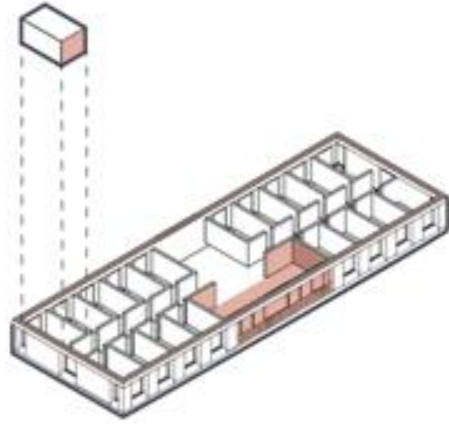


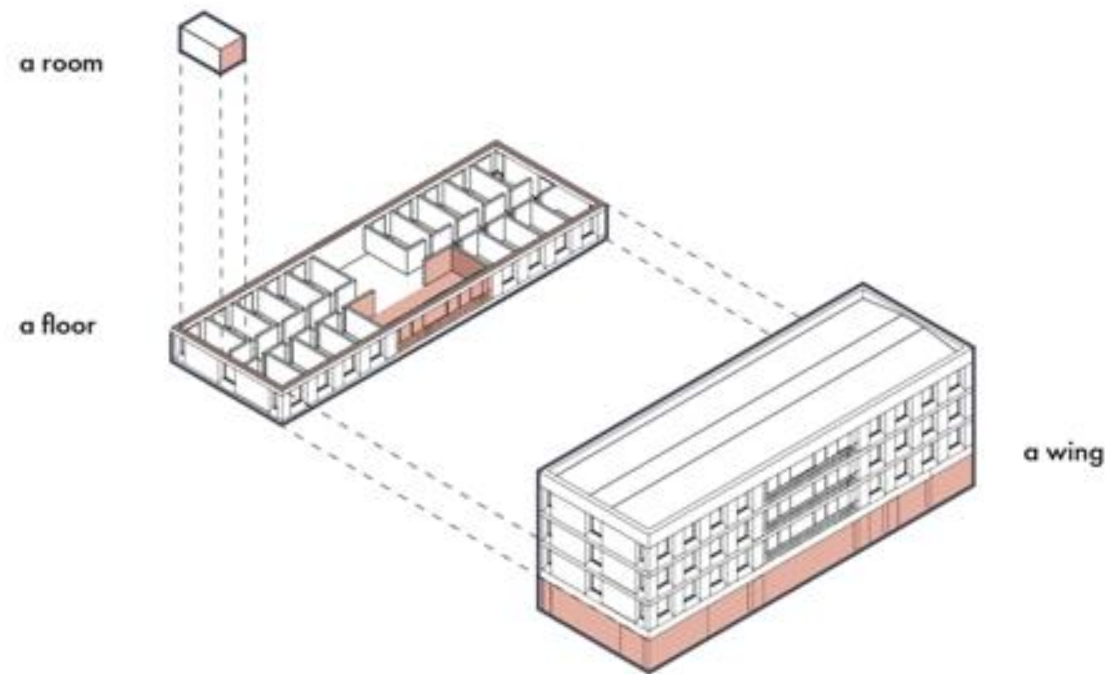
a room

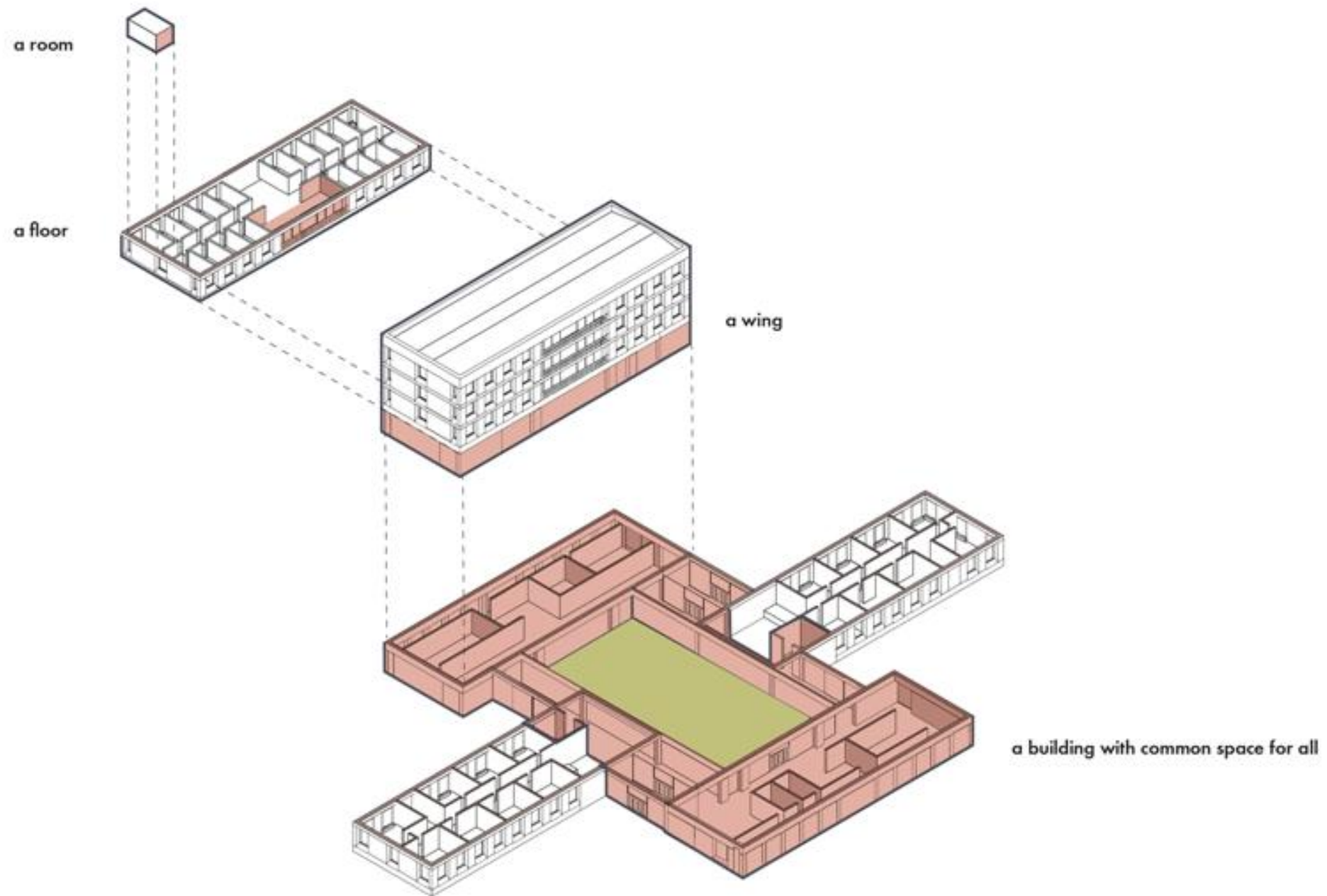


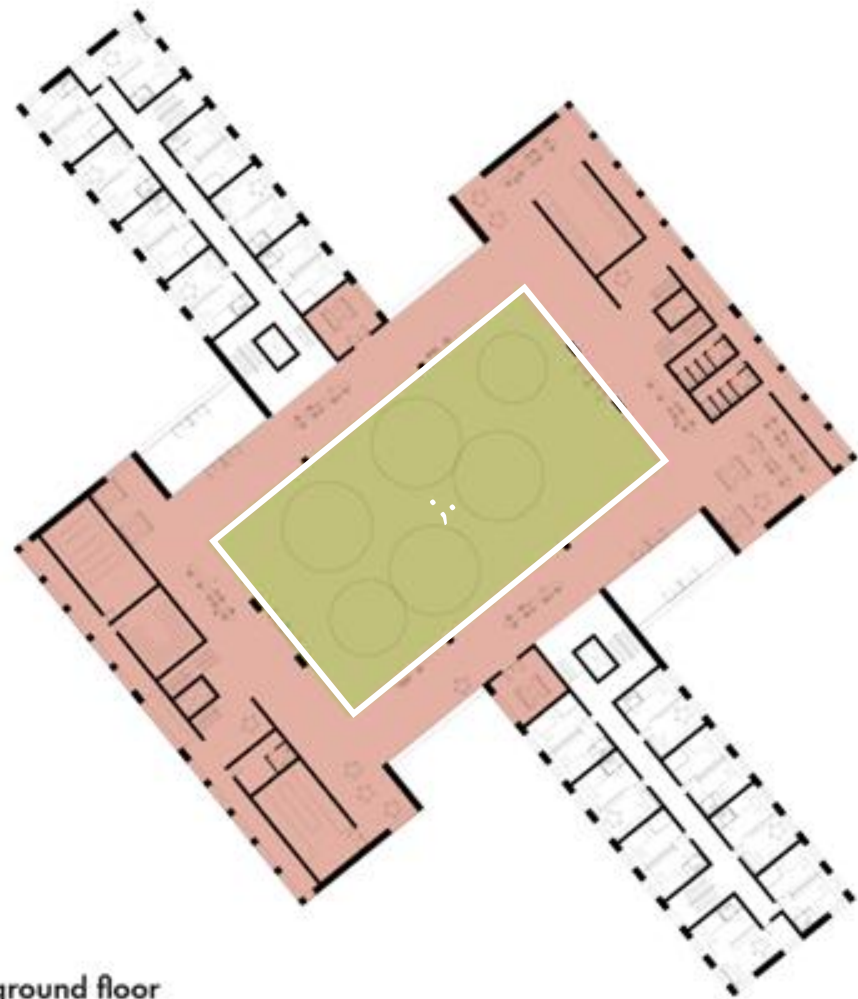
a room

a floor

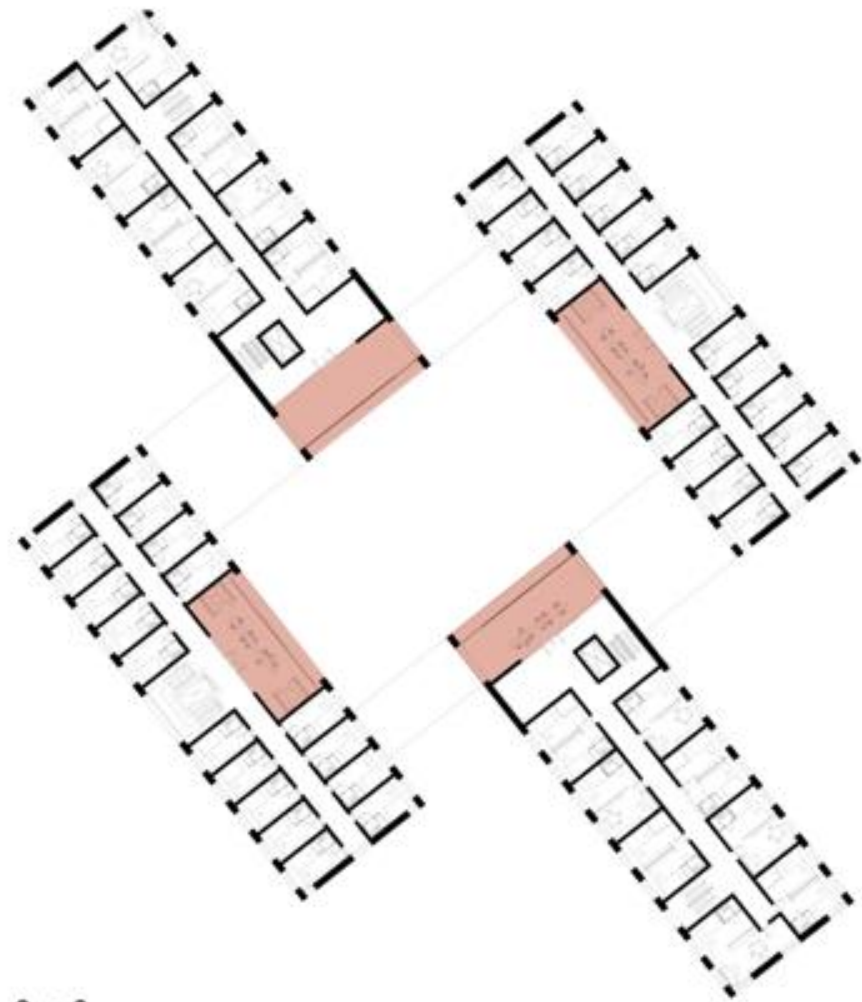








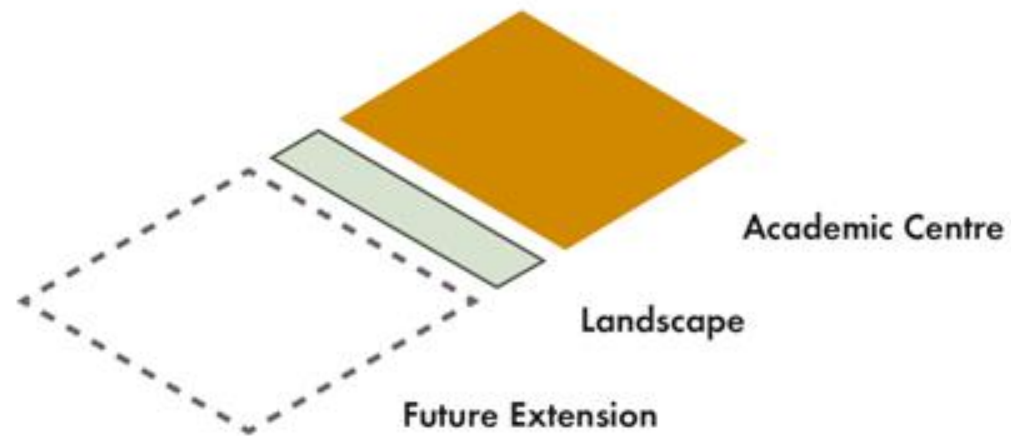
ground floor

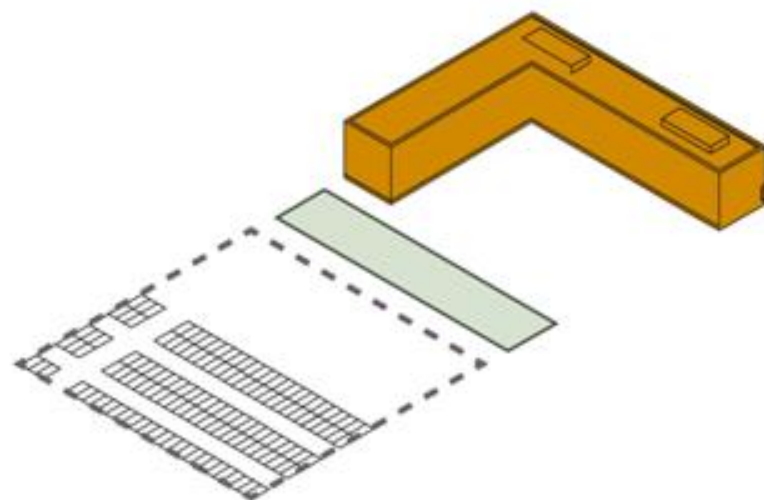


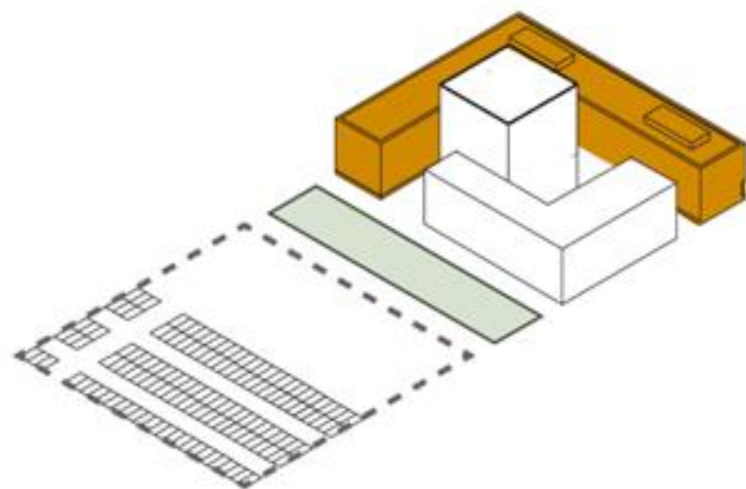
first floor

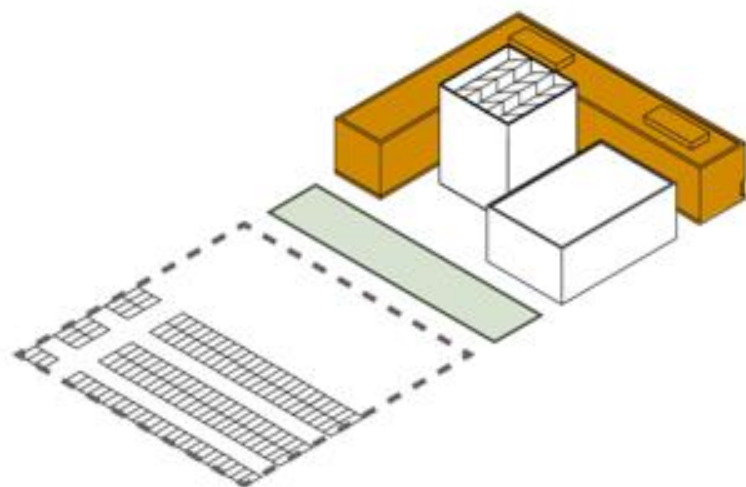


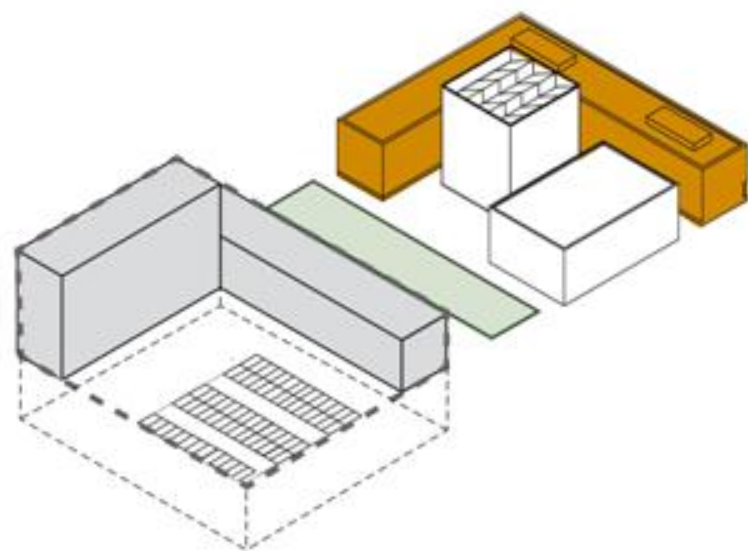


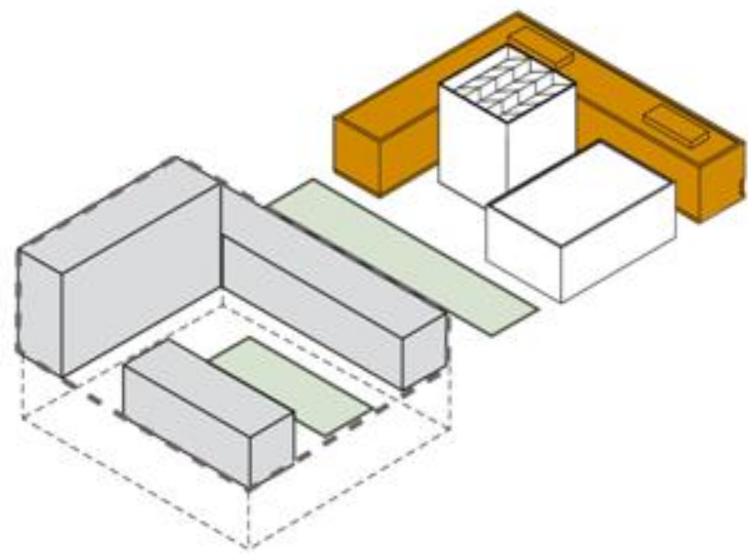






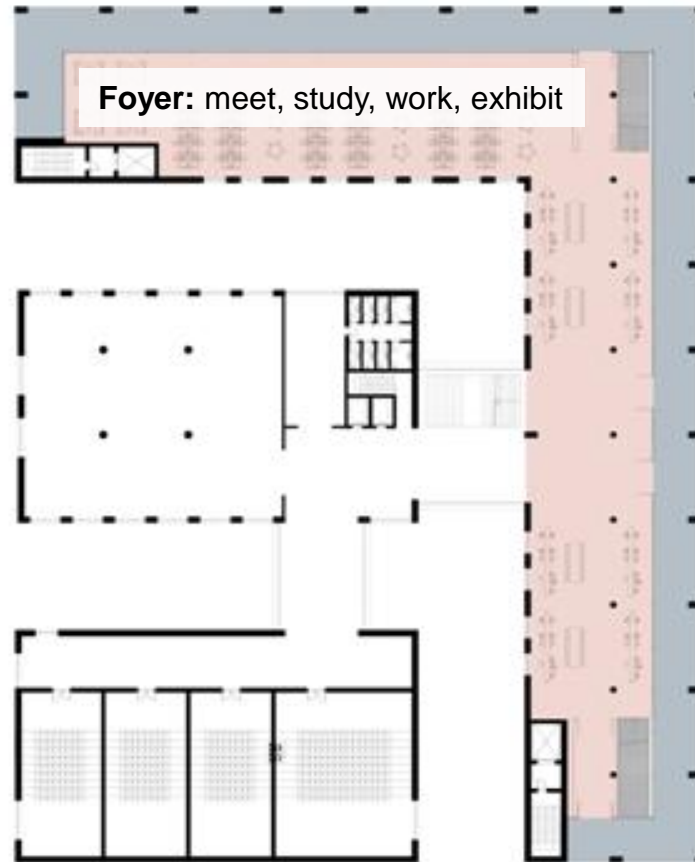






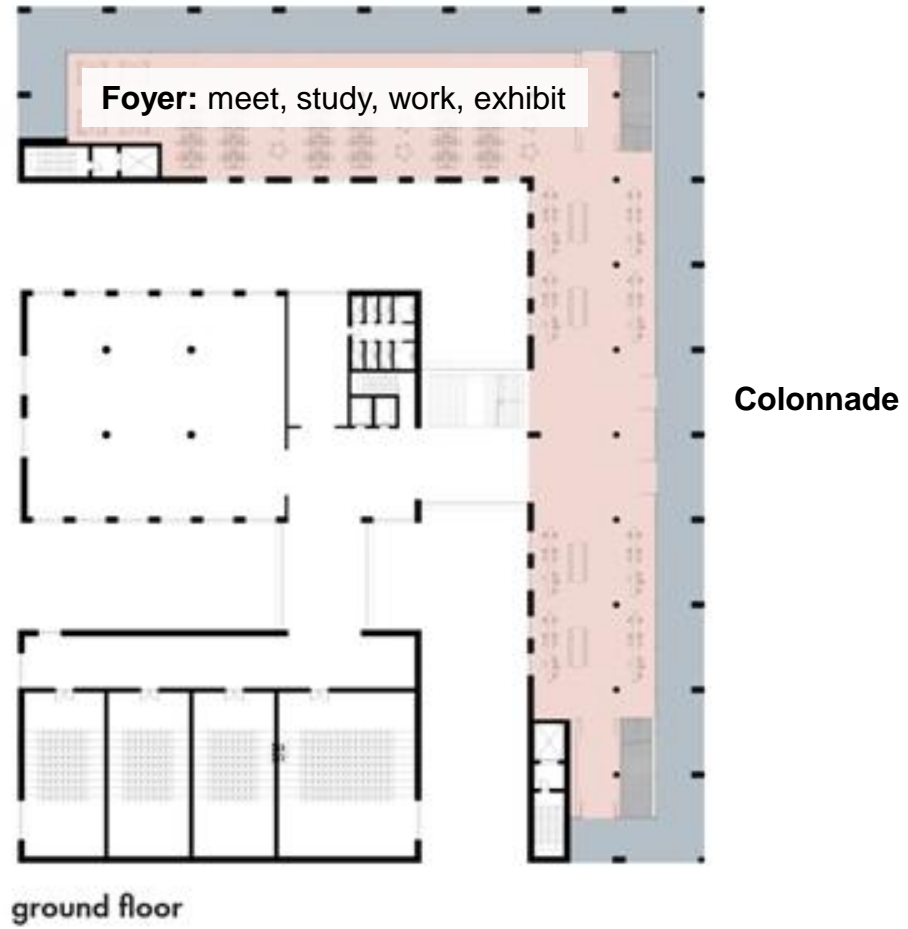


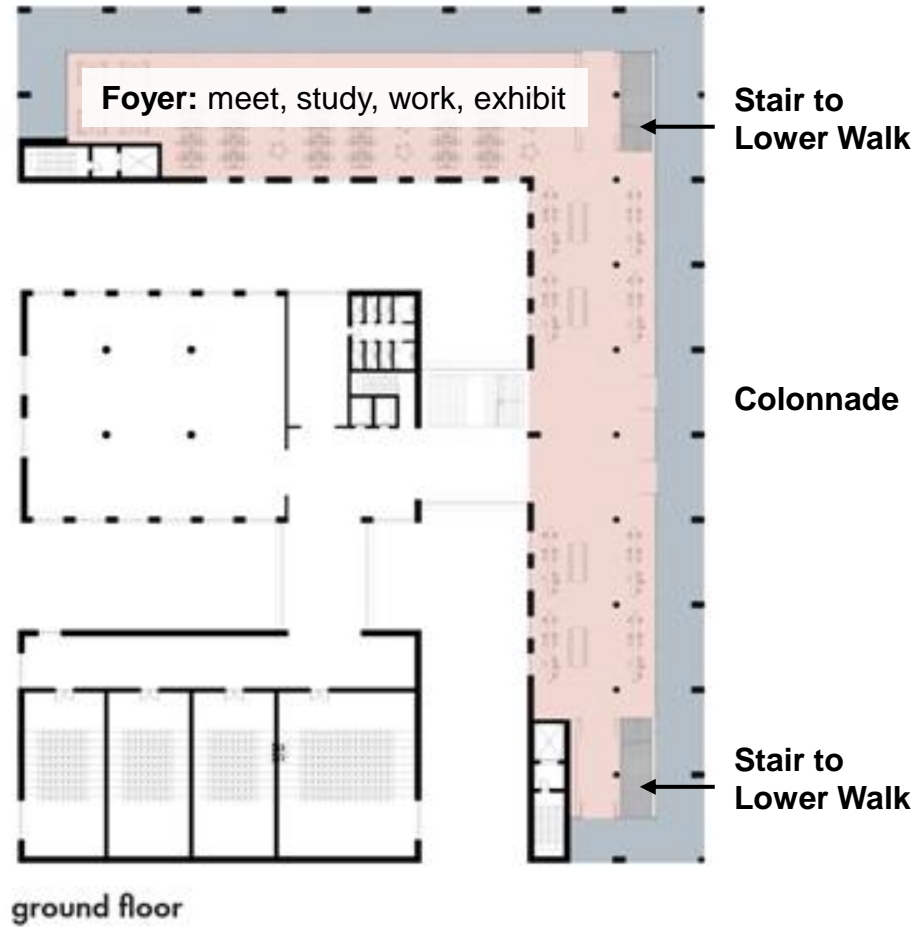
ground floor



Foyer: meet, study, work, exhibit

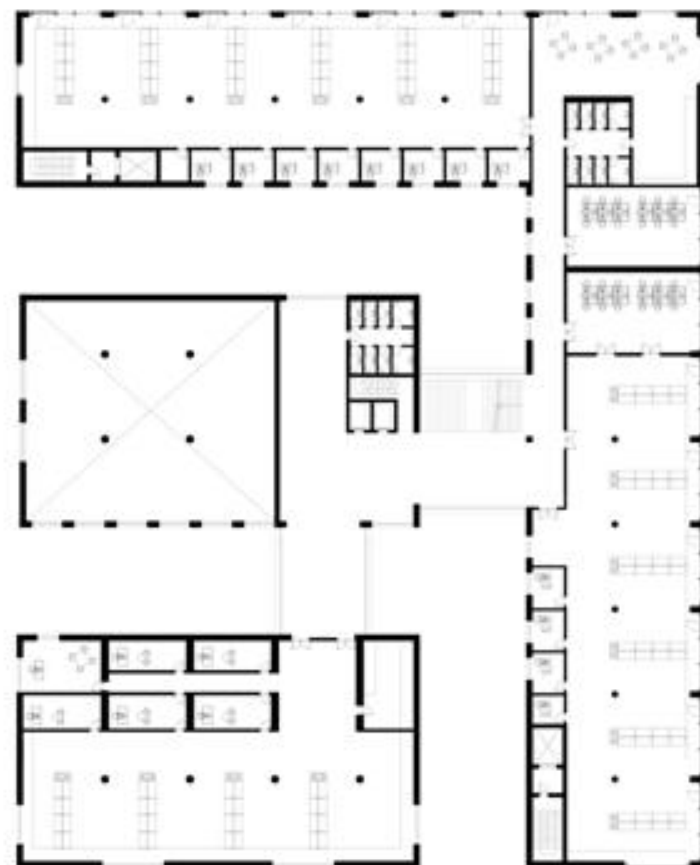
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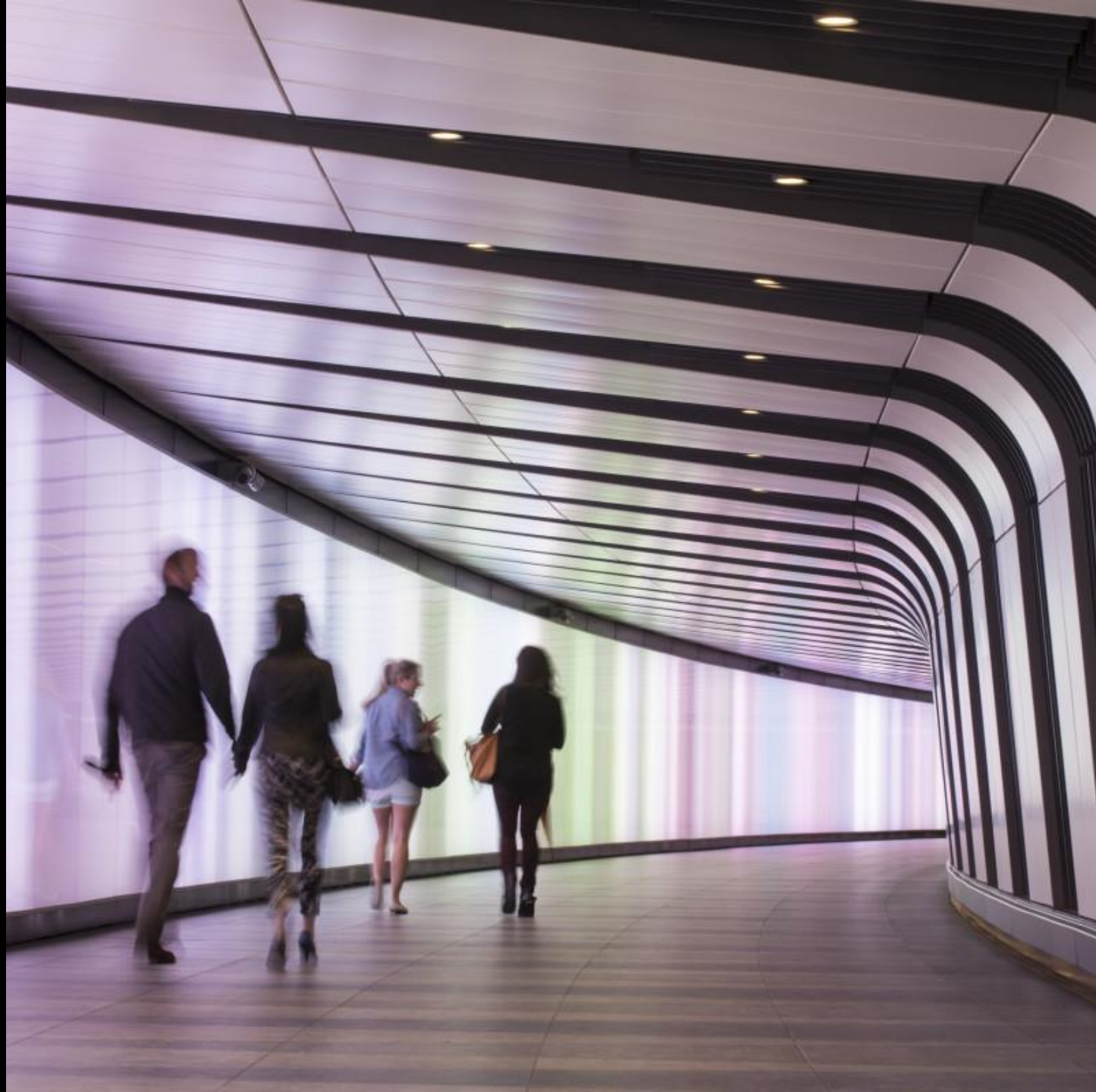
ground floor



first floor

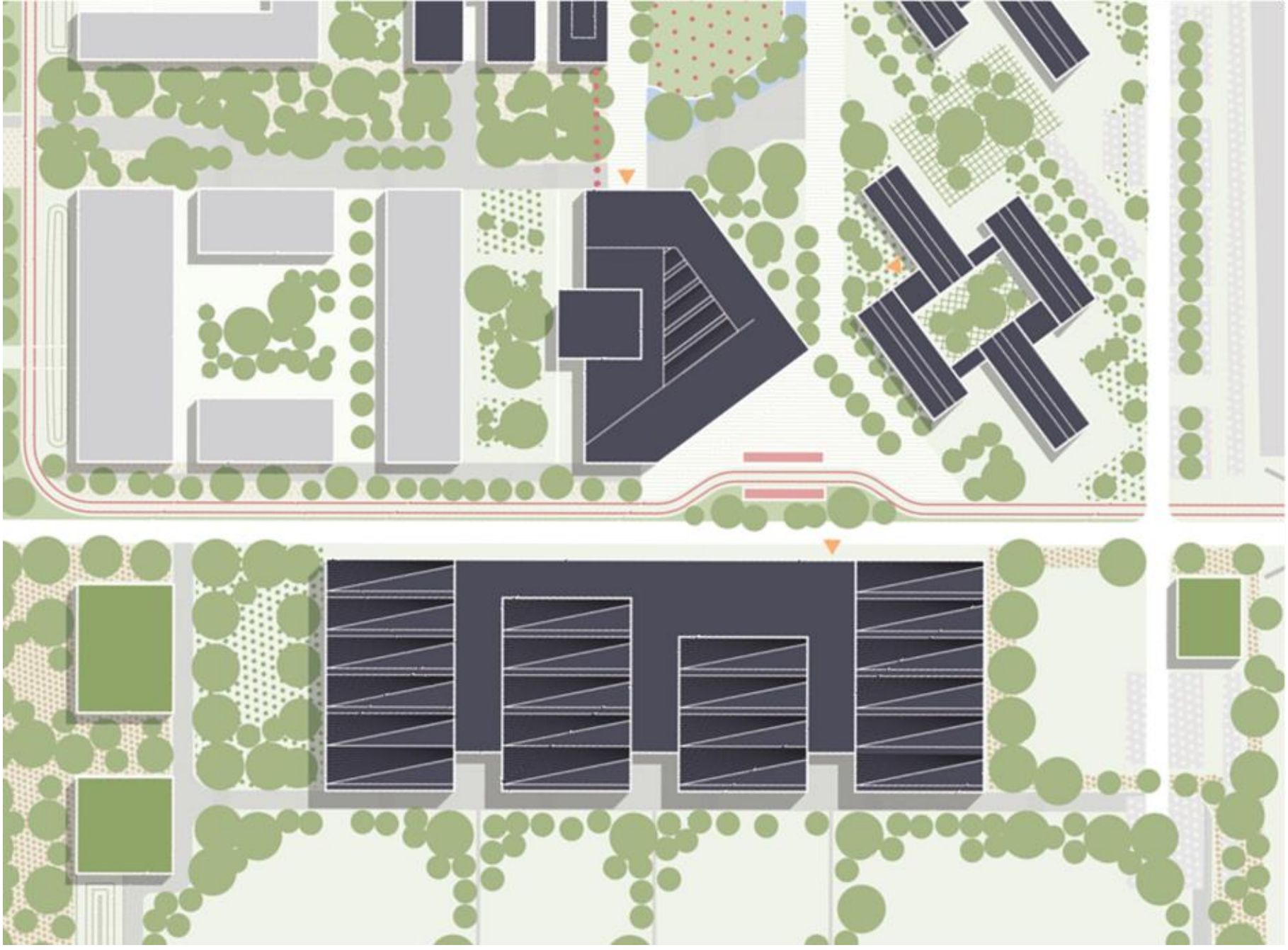


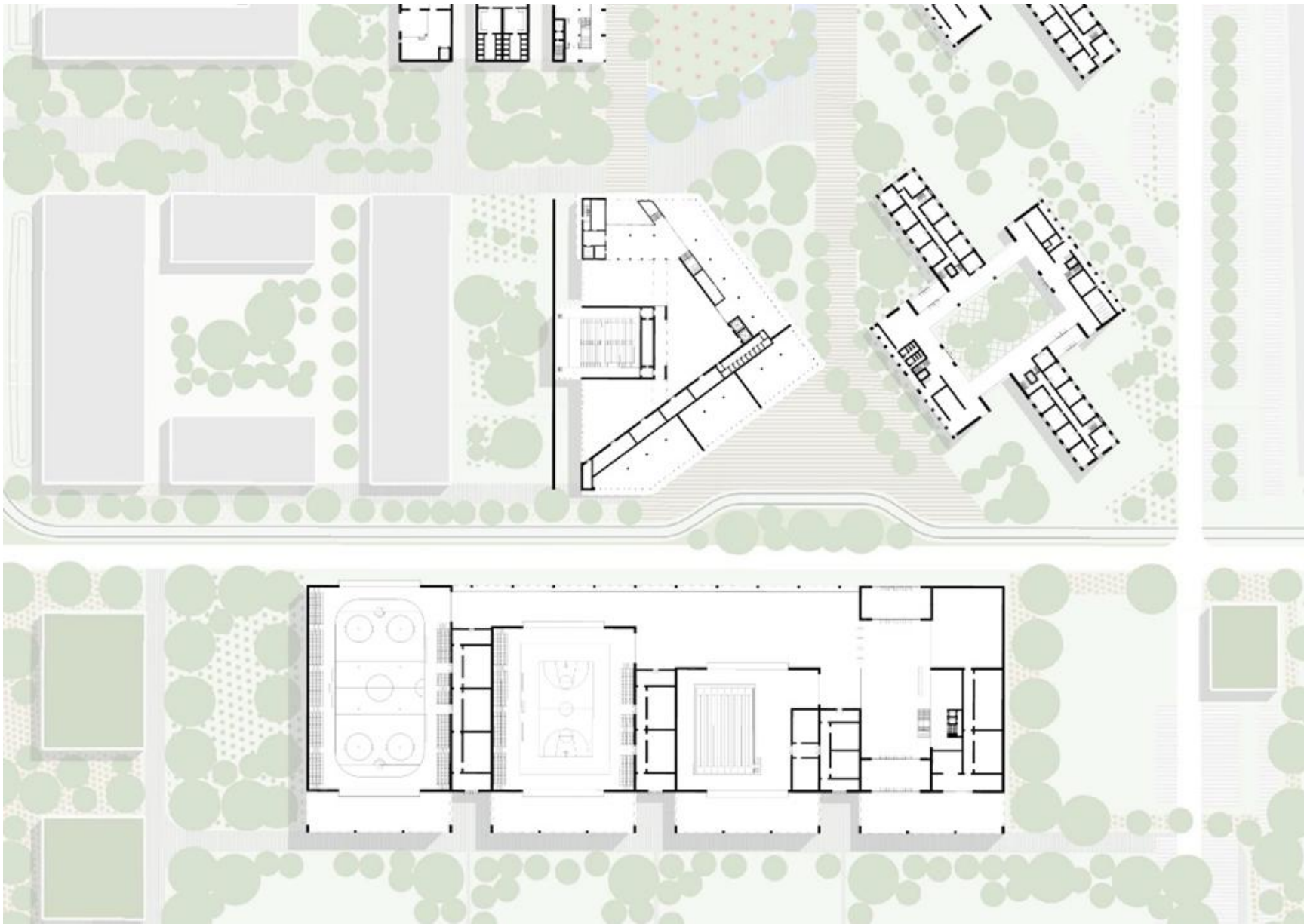


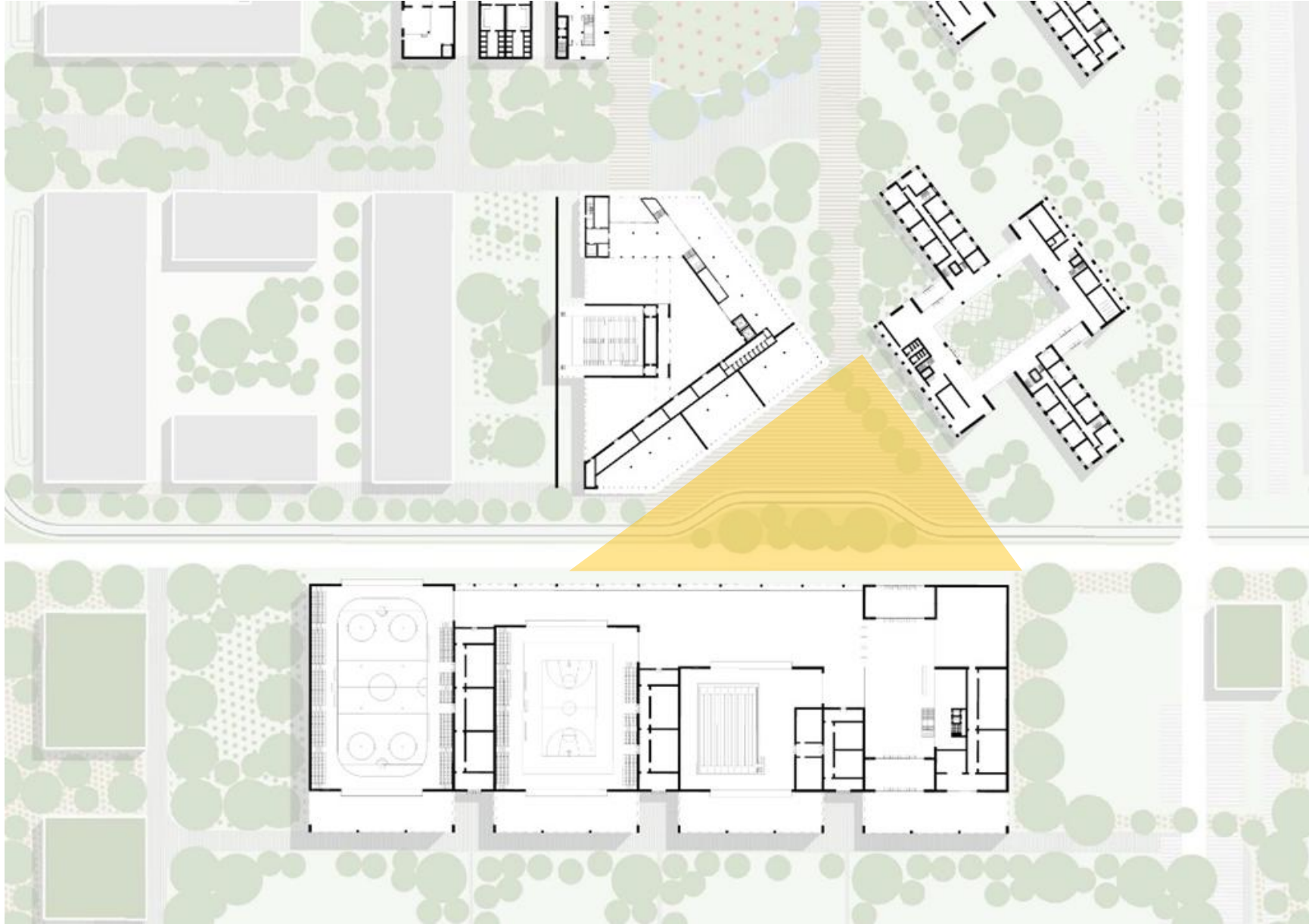


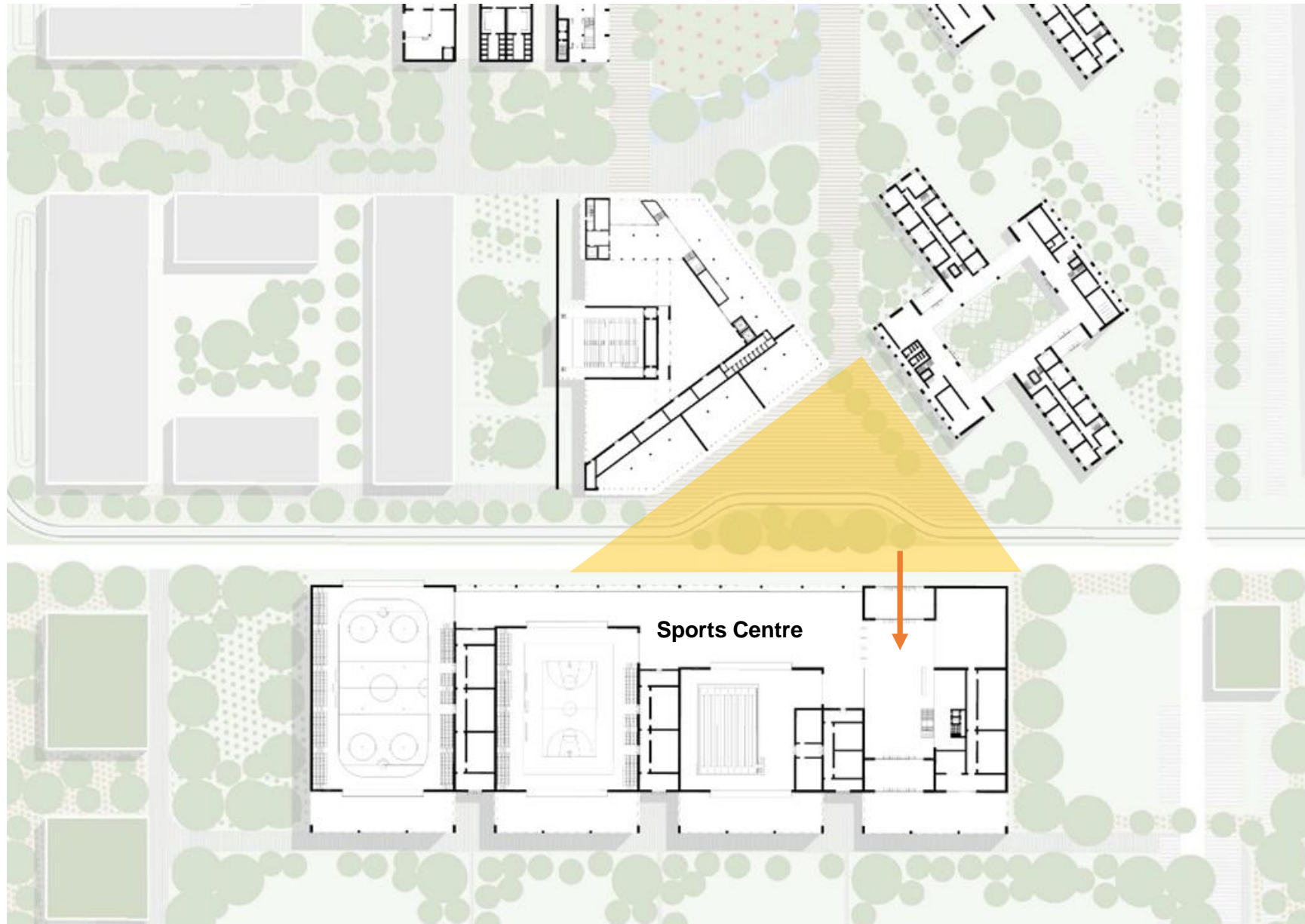






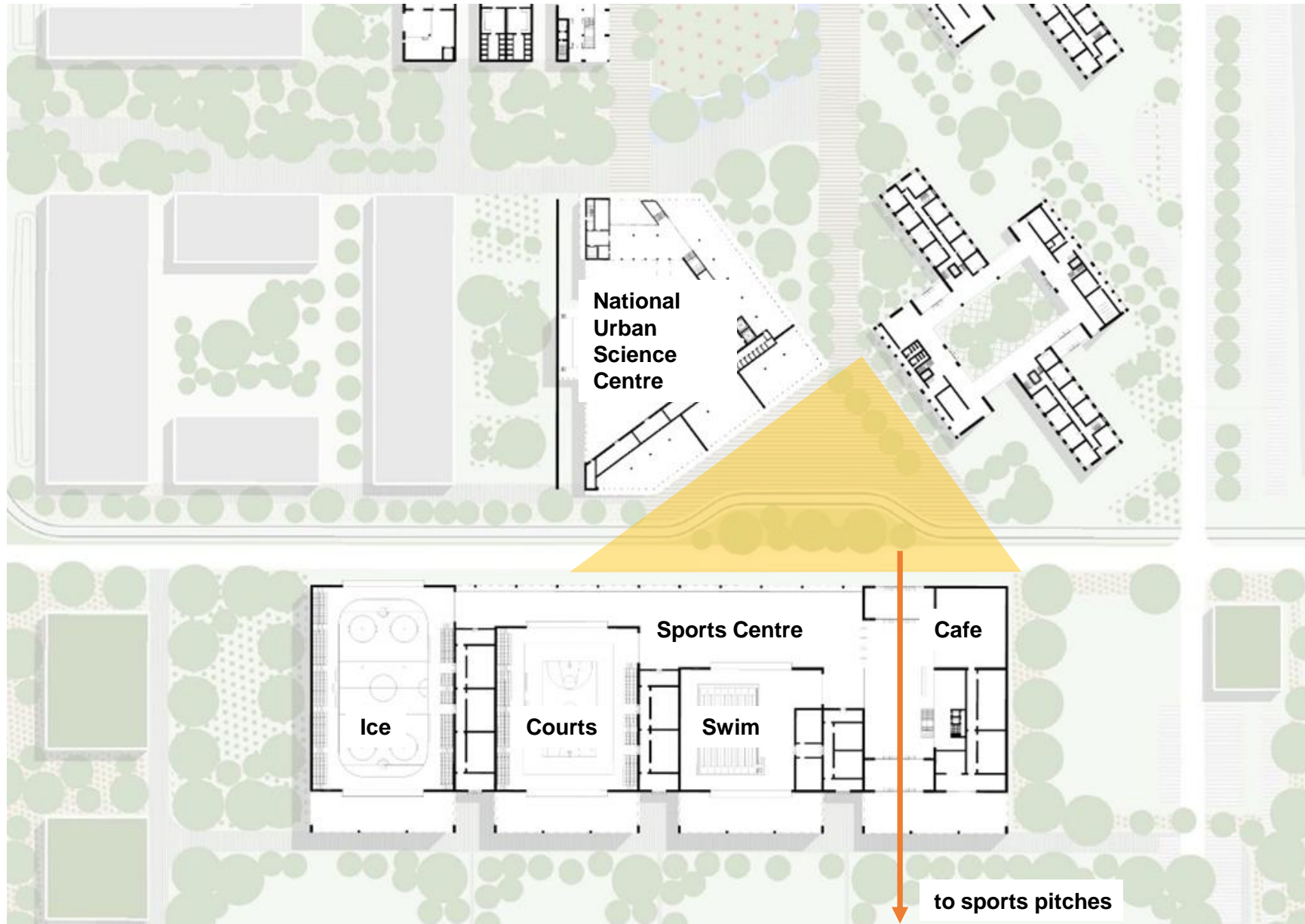








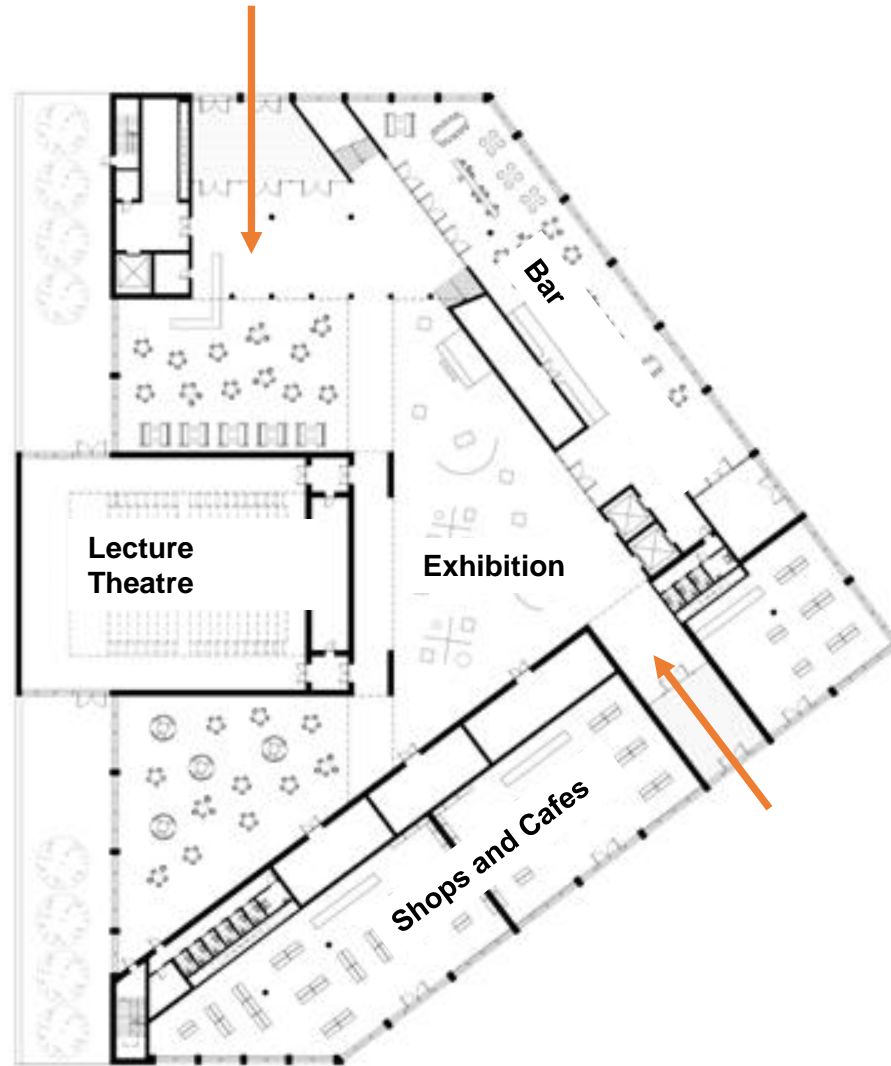




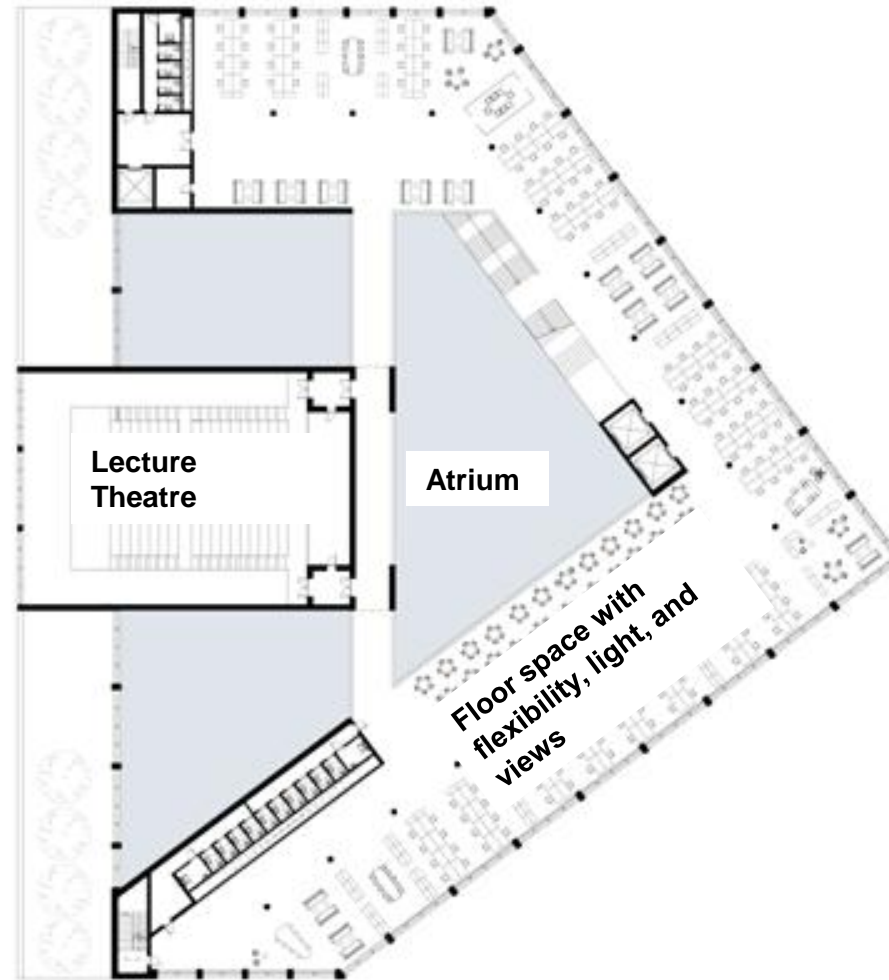




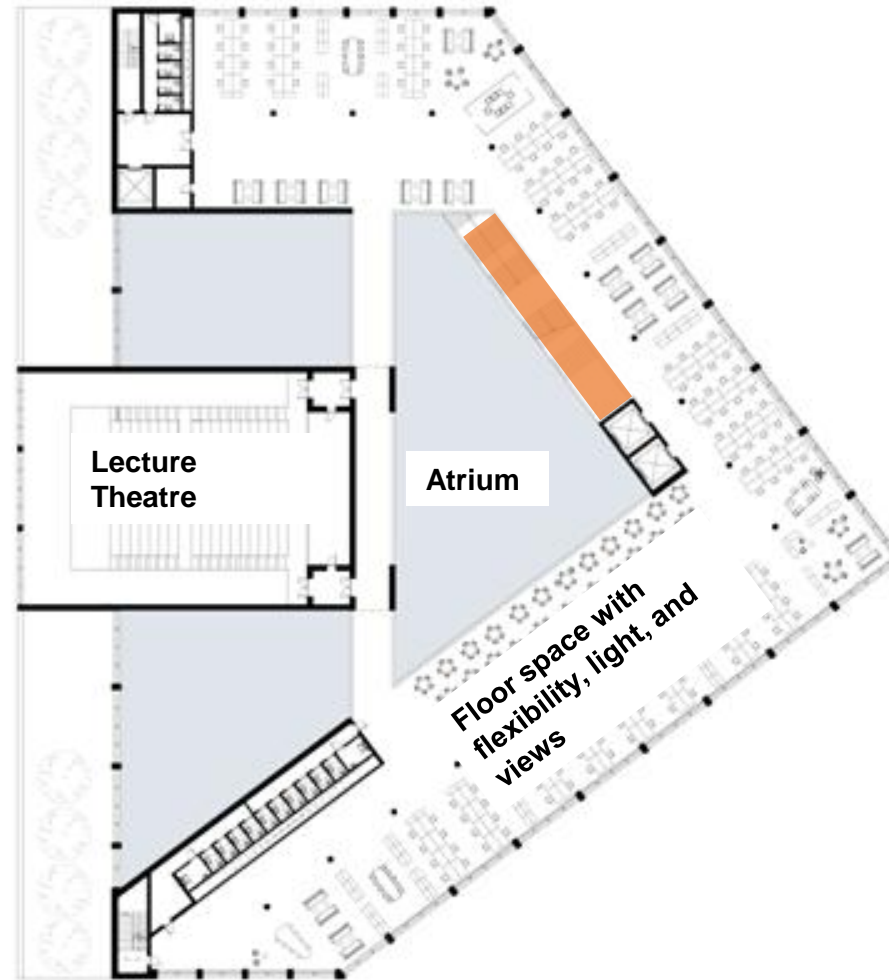




national urban science centre

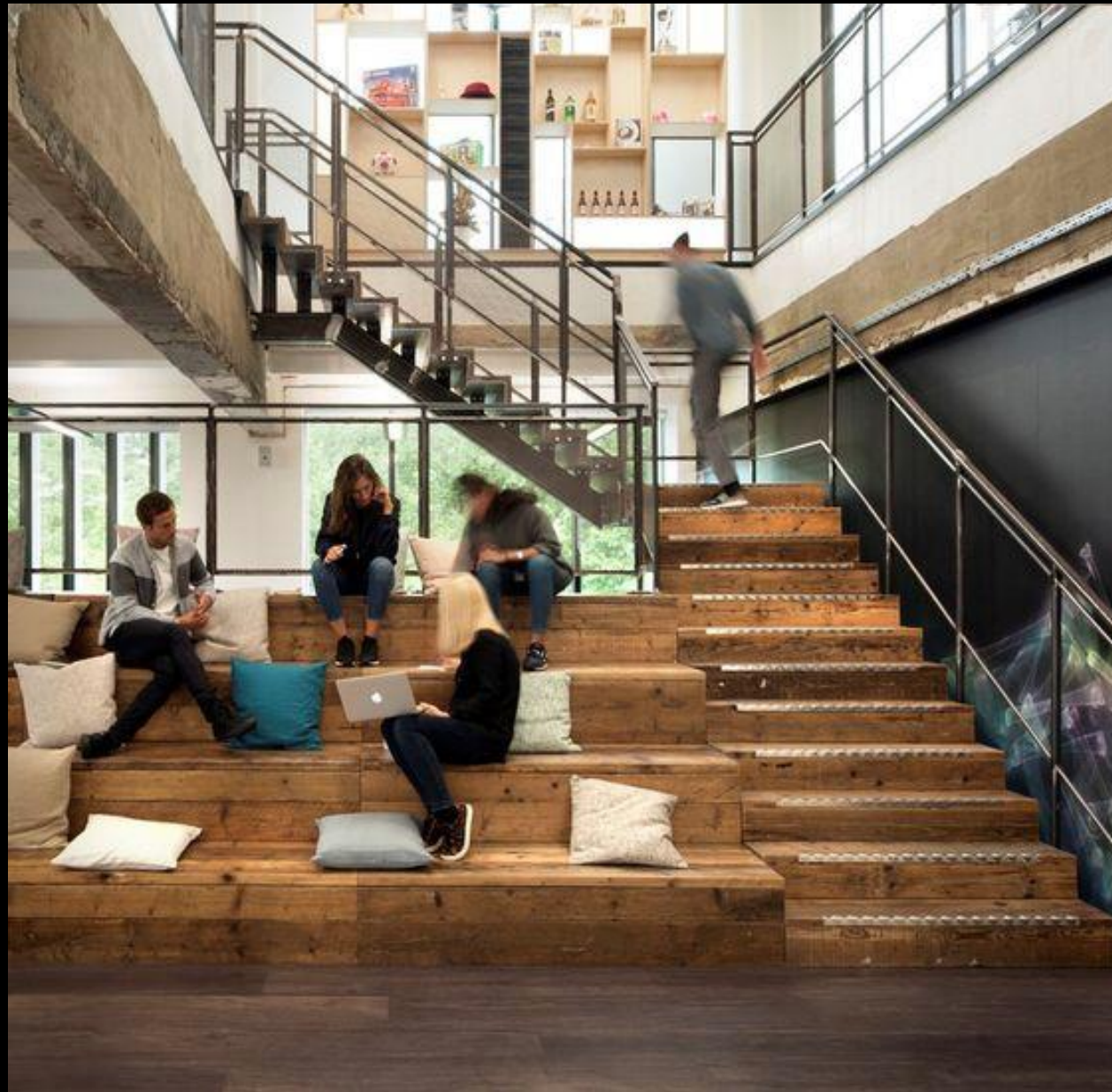


national urban science centre



national urban science centre

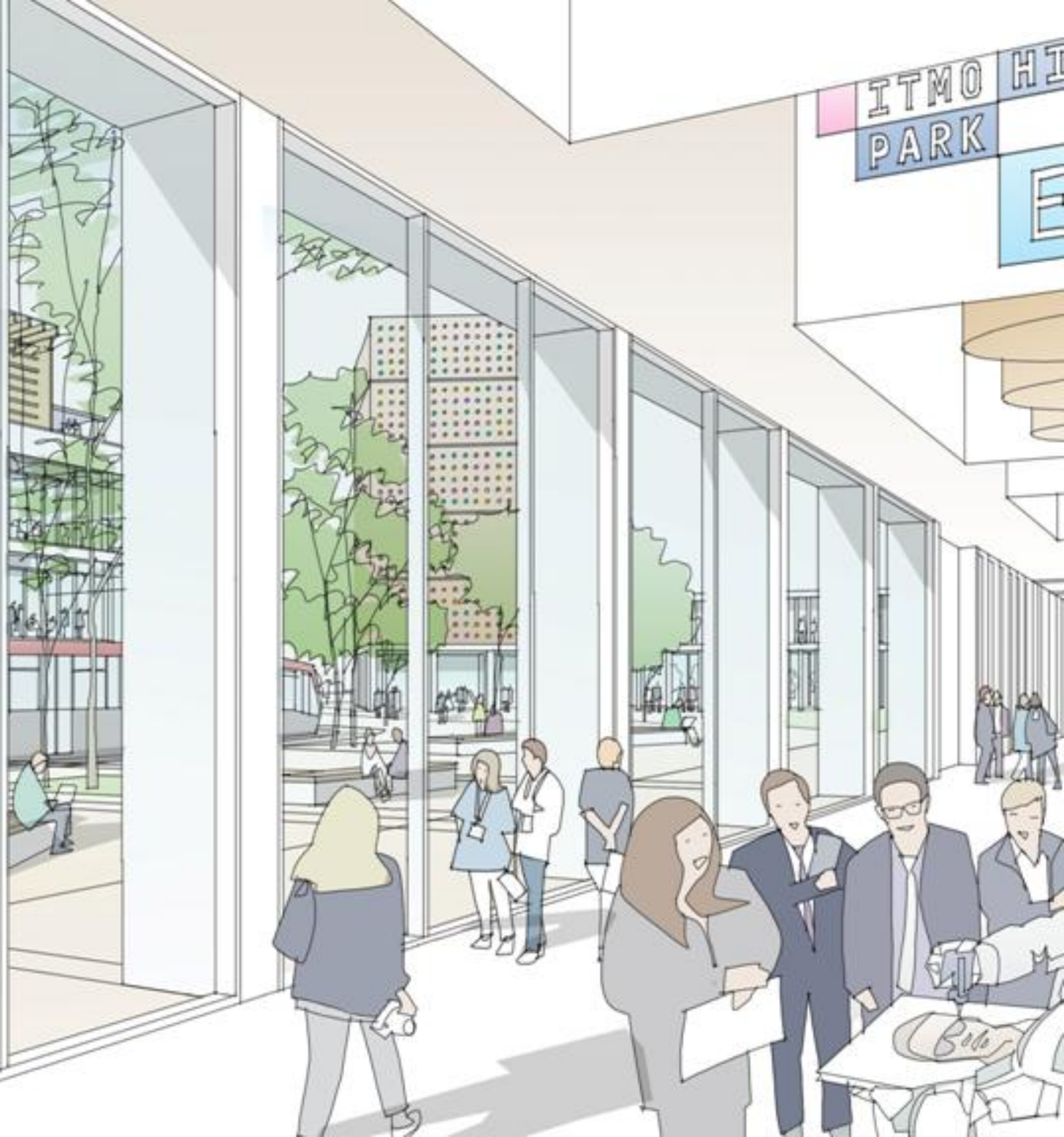
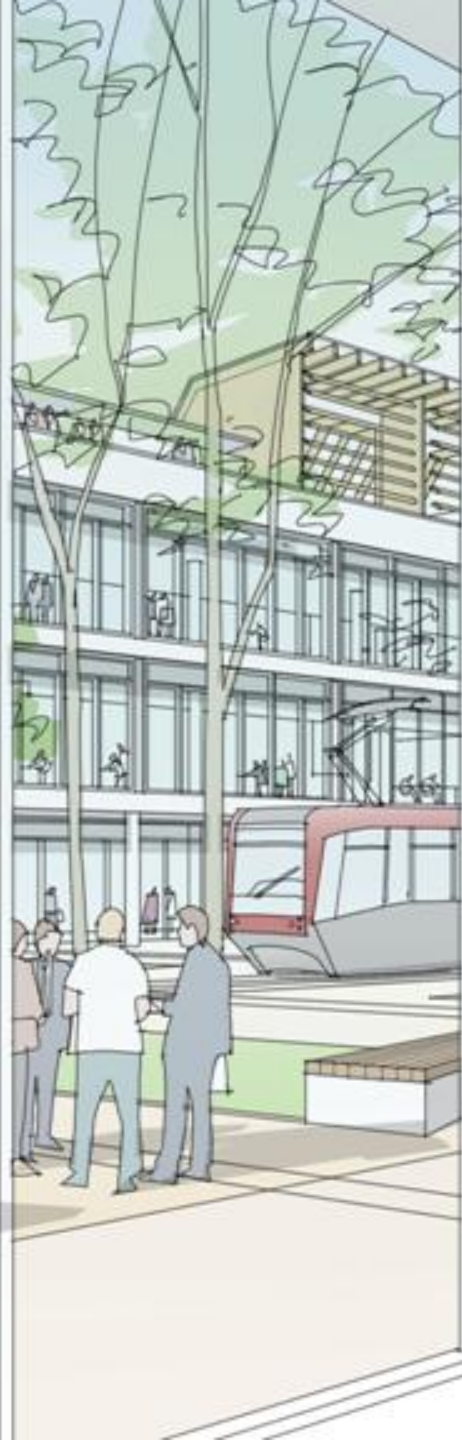


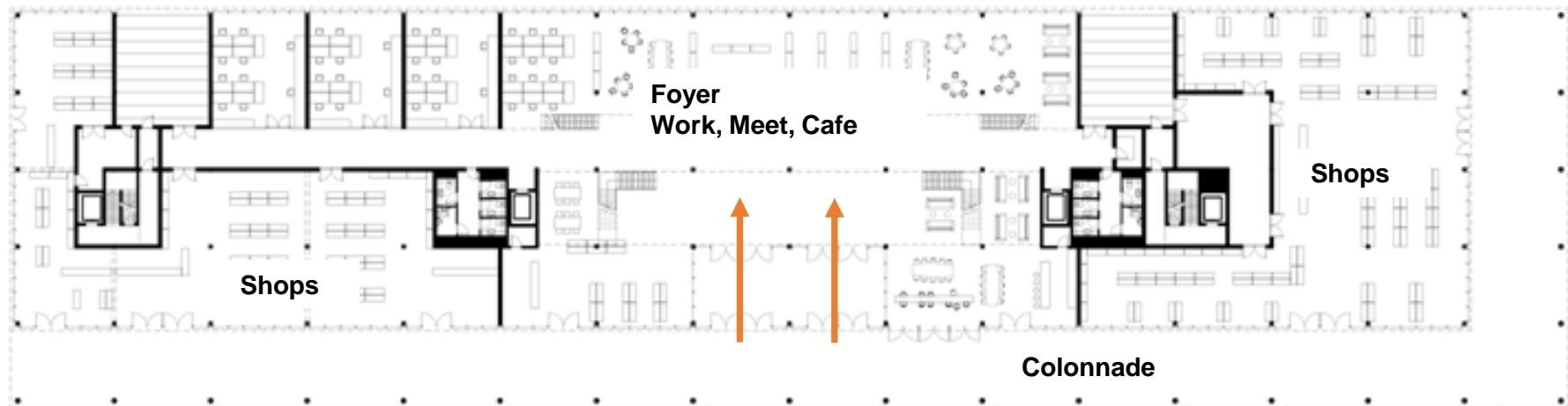




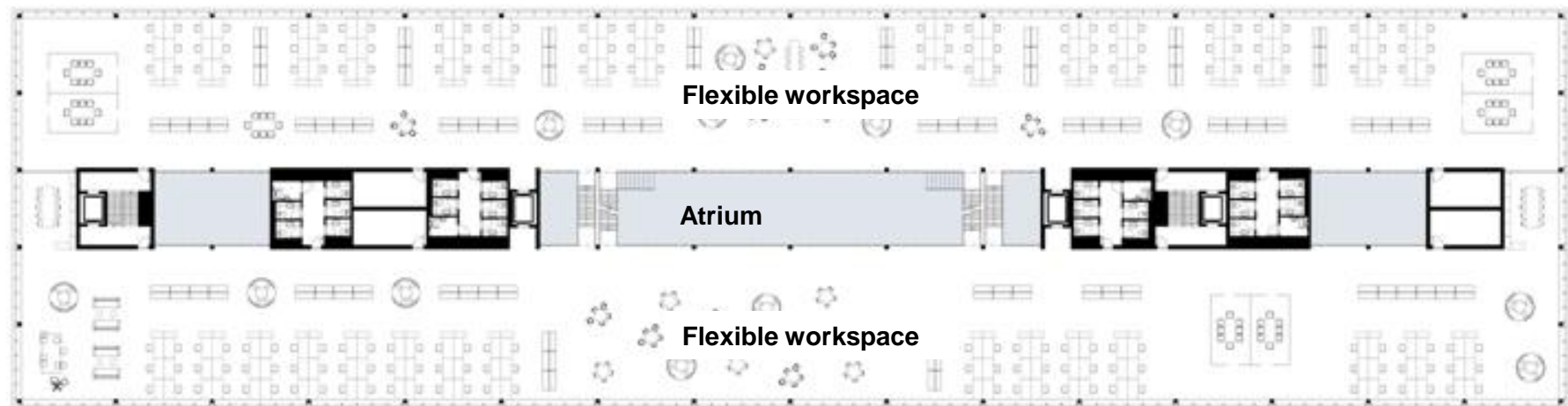




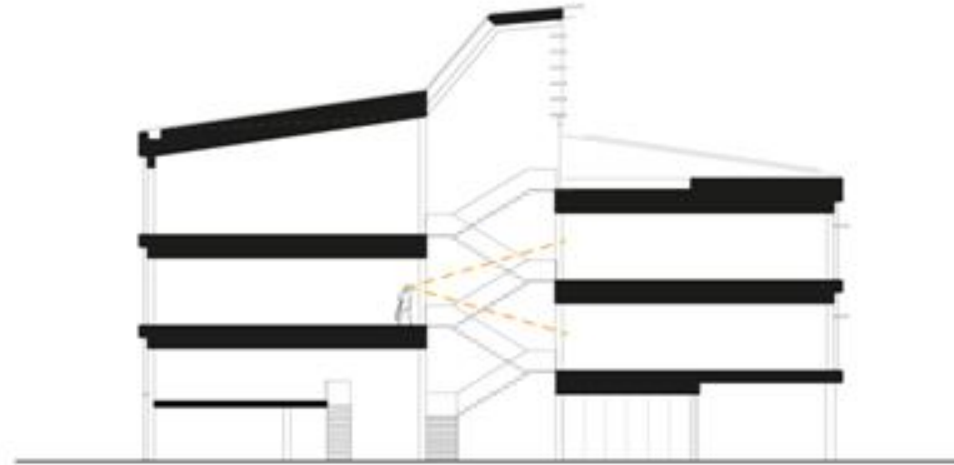




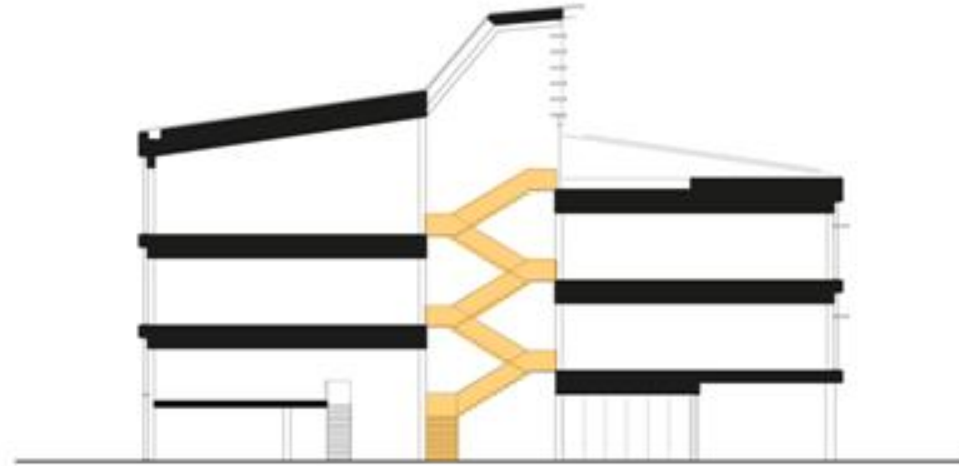
ground floor



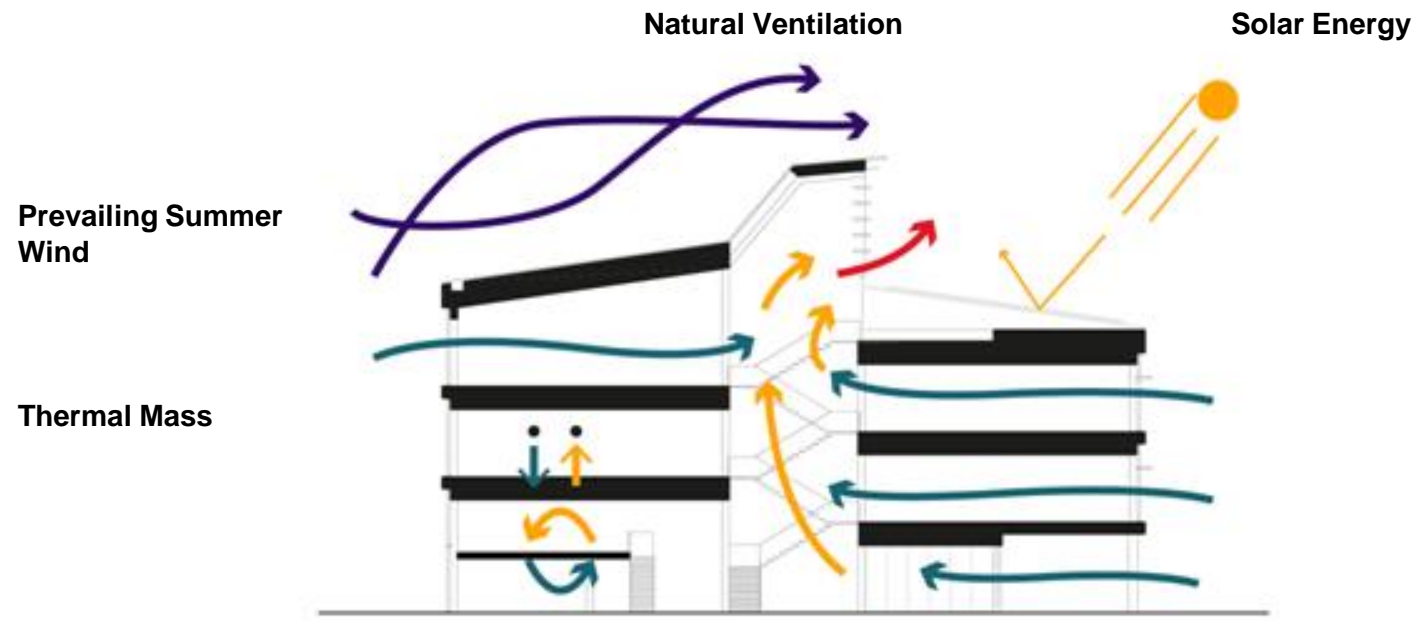
first floor



Split Level







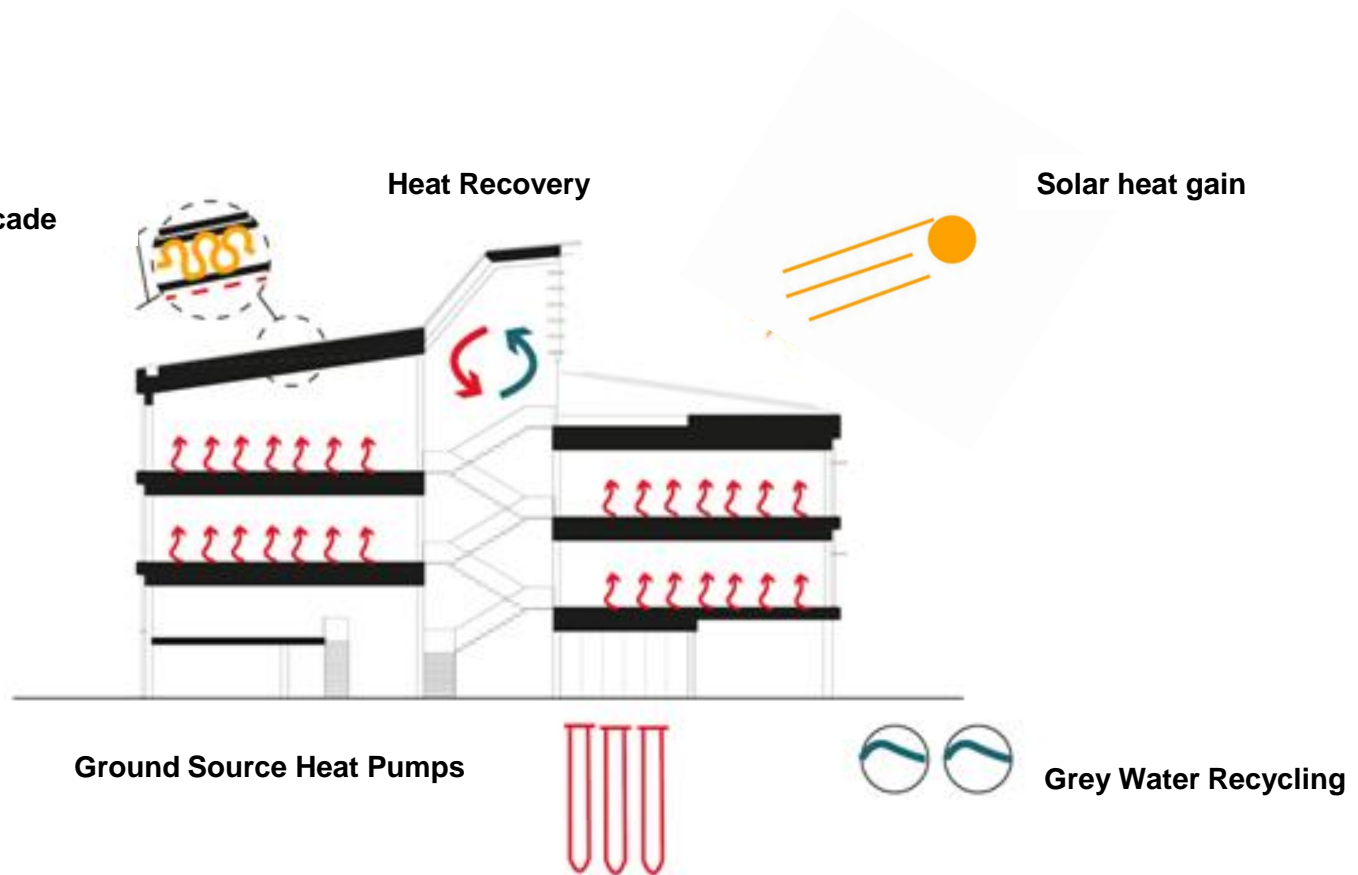
summer

High Thermal
Performance Facade

Heat Recovery

Solar heat gain

Thermal Mass



winter







APZ



2

3

APZ





sports centre

national urban
science centre

advanced
production
zone

academic centre

student dormitories

student union

office and
ITMO reception

data centre

car park
and transport hub

conference centre

learning centre,
museum and
exhibition space

business incubator









1 SUSTAINABLE
NEIGHBOUR
HOOD



2 GREYWATER
RECYCLING



3 PROMOTE
ORGANIC
INITIATIVE



4 USE CUT FOR
FILL WHERE
POSSIBLE



5 RAINWATER
HARVESTING
AND REUSE



6 RENEWABLE
ENERGY
PRODUCTION



7 SUSTAINABLE
MATERIAL
PALETTE



8 PROMOTING
BIODIVERSITY

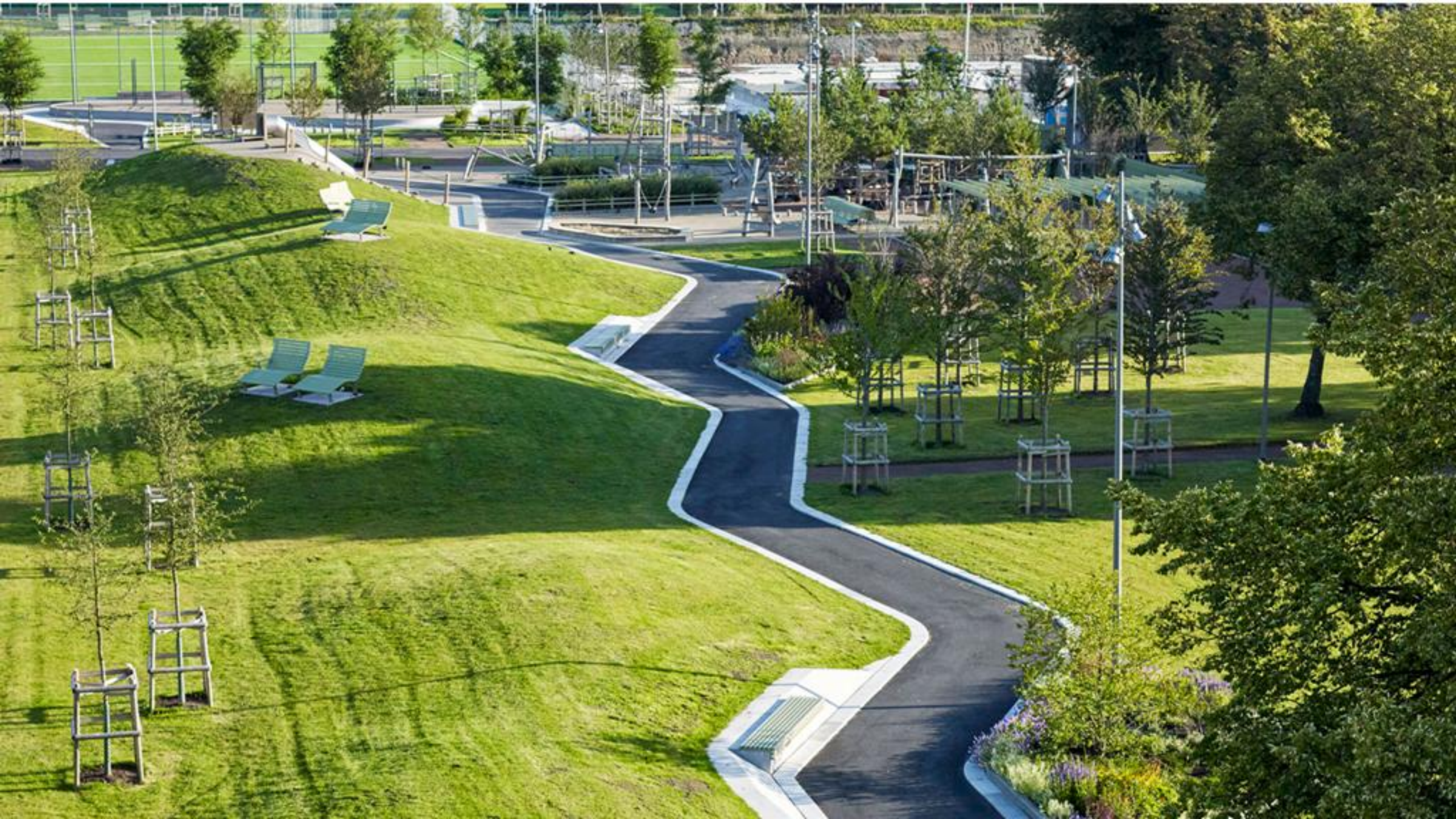


9 SUSTAINABLE
LANDSCAPE
MANAGEMENT



10 SUSTAINABLE
MOVEMENT

































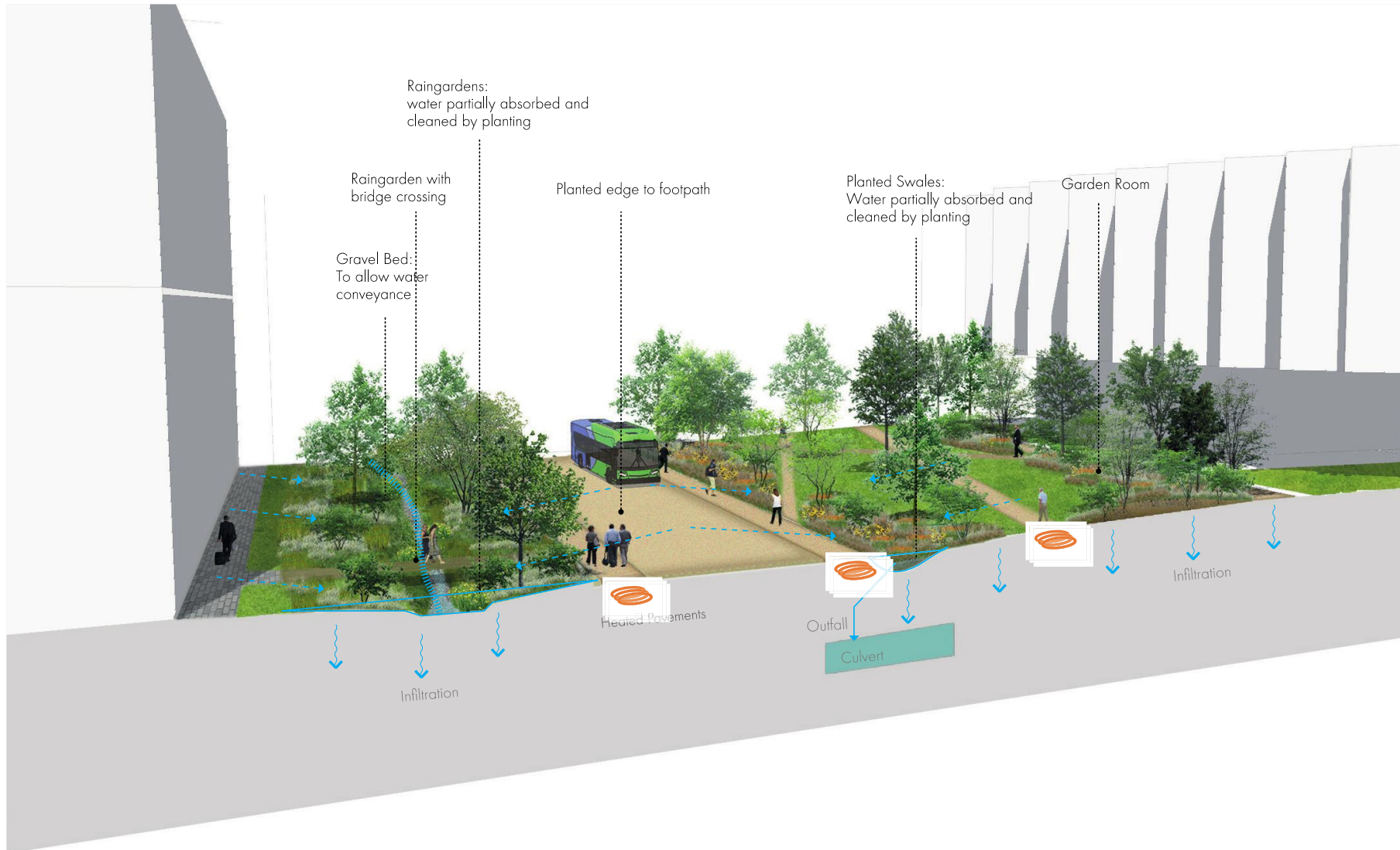


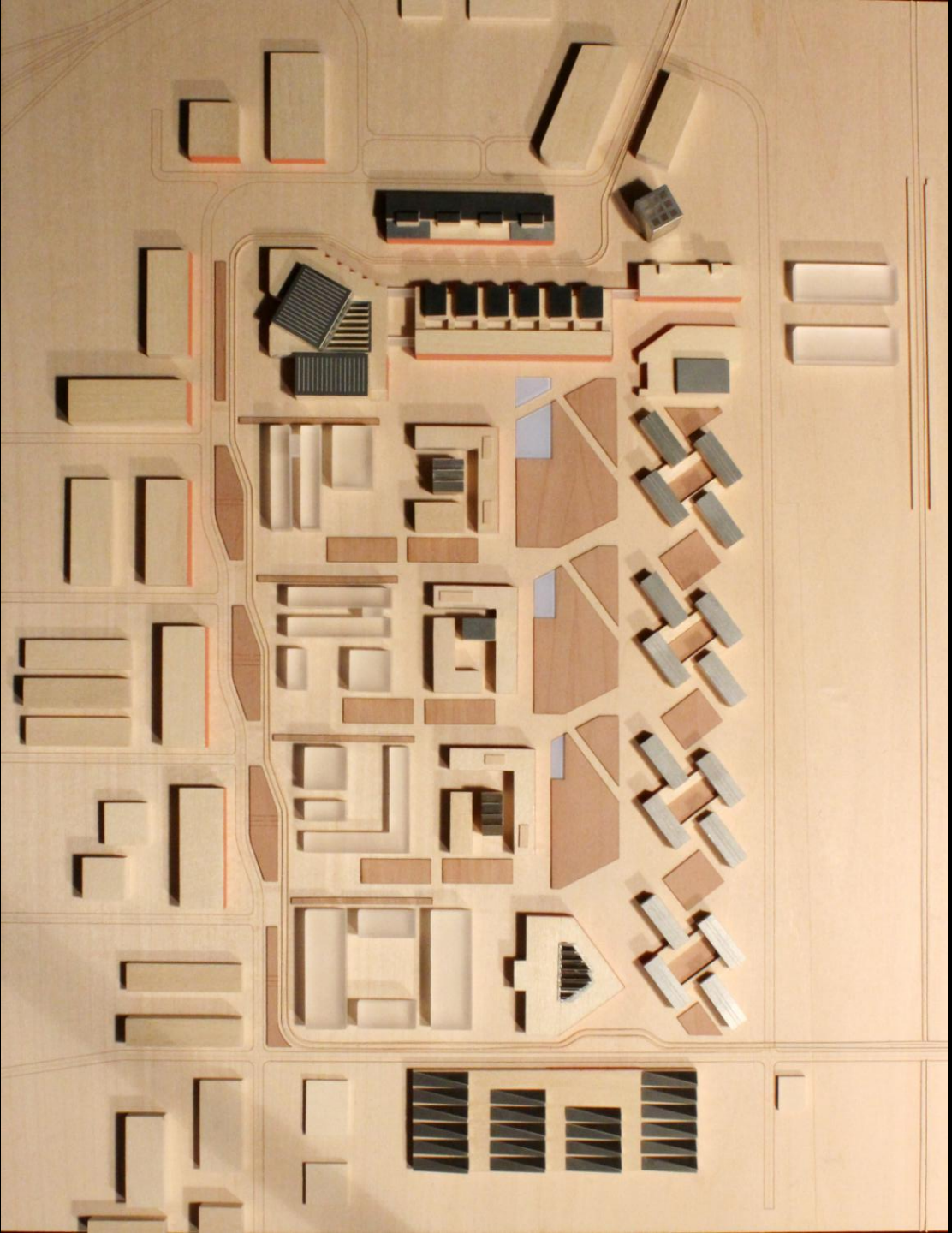




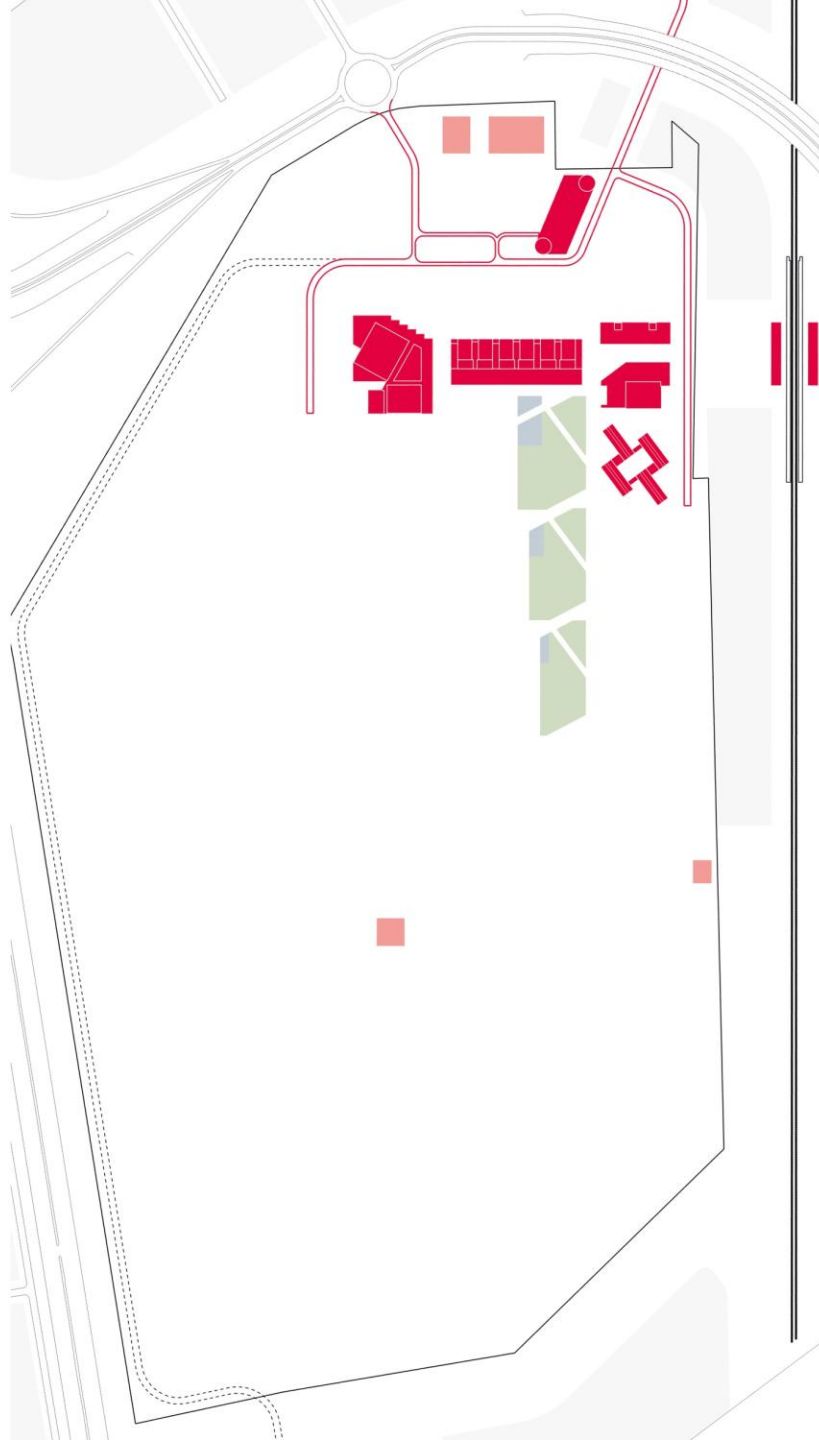








1



ITMO University Main Building

Student Union

Student Dormitory, building 1

spine road

improved train station

transport hub

energy centre and substation

water treatment plant

2



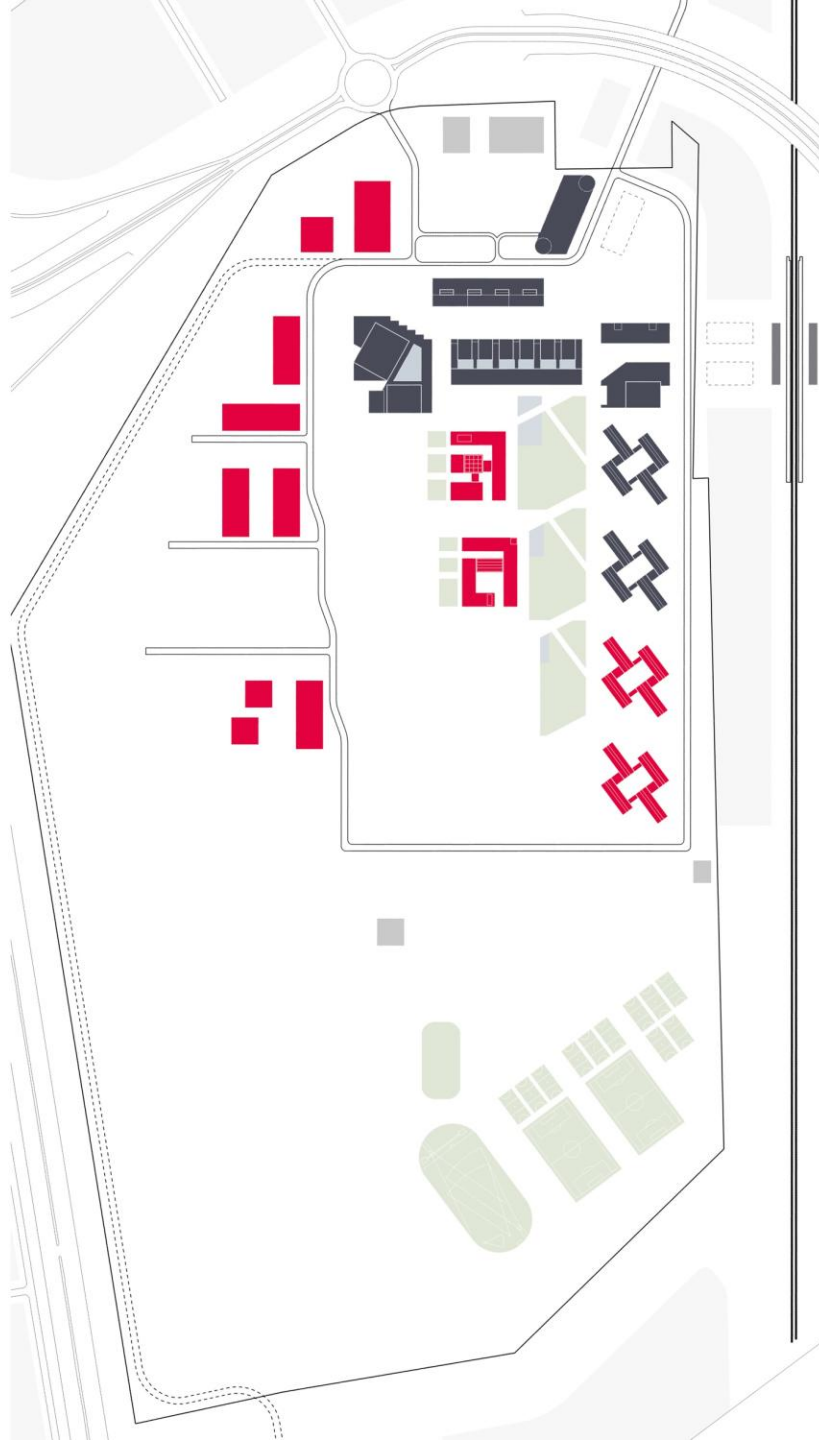
Student Dormitory, building 2

Business Incubator

Campus Green

Temporary landscape in the APZ

3



Student Dormitory, building 3 and 4

Centre for Information Technologies

**Centre for Photonic
and Quantum Technologies**

Advanced Production Zone

Playing fields

4



Centre for Health and Life Science

Sports Centre and Cafeteria

Advanced Production Zone

energy centre 2

data centre 2

5



Data Processing Centre

National Urban Science Centre

Advanced Production Zone

6



Tram Line

