Adaptable Campus

Path towards Universities of the future

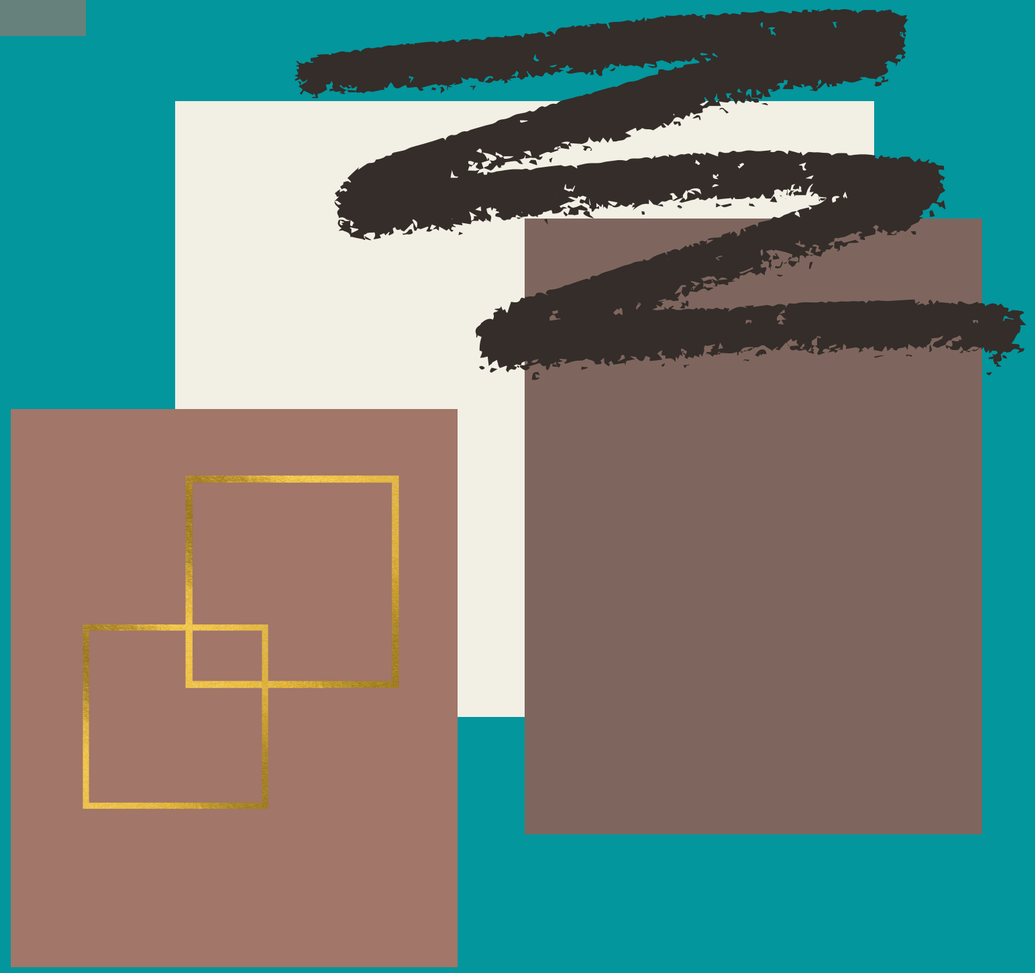
ADAPTABLE CAMPUS

SPACES FOR FUTURE UNIVERSITIES

TEAM 25

Common Problems

- lack of space
- leftover spaces' mismanagement
- low environmental efficiency



UNIVERSITY

From a simple "summation of classrooms"
to a **pedagogical unit** in its own right to
a place where the student is offered
multiple educational and social opportunities.

Objectives

In line with SDGs

MISSION :
Reaching environmental sustainability while ensuring student-centred space management, for the sake of interaction and learning

UNDERLYING IDEA

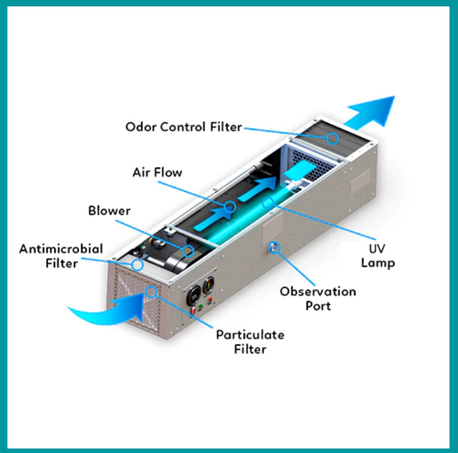
Physical spaces strongly affect **students' performances** and their **social relationships**.

OUR PROPOSAL

- **Redesigning campuses and introducing latest technologies**
- Meet **sustainable standards**
- **Involving students** throughout the project

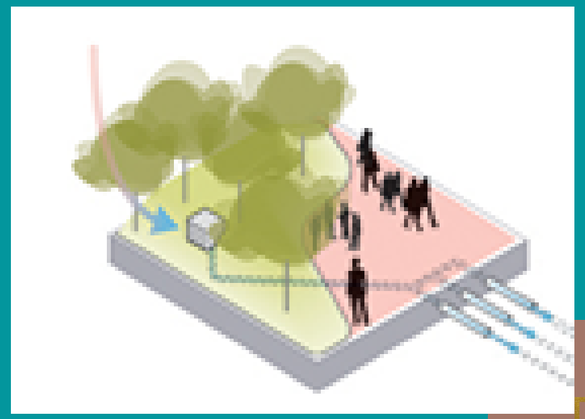
OLD BUILDINGS RESTORATION

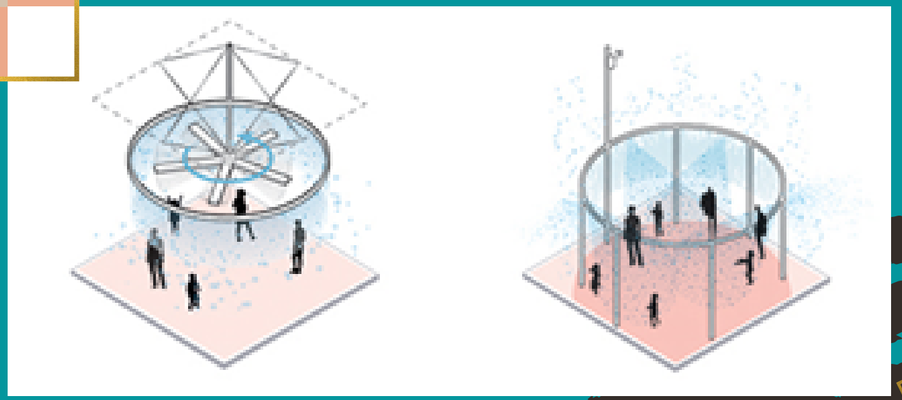
Clean energy sources that the surrounding environment offers



Healthier indoor air circulation and prevention of heating and conditioning wastes

Regulation and setting of the suitable temperature, considering the external weather and the people inside it





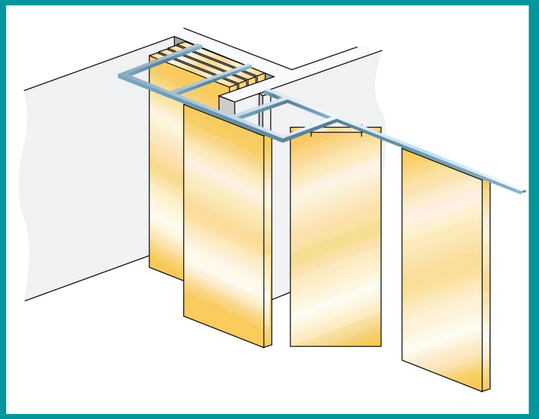
STUDENT-CENTRED SPACE MANAGEMENT

OUTDOORS

Hexagonal modules joint together by any or all of their sides to create a cluster of prefabricated and movable elements, flexible for any space availability and need

INDOORS

Augmented reality:
- technological labs
-lectures tutoring
- career days
- students' associations events
- digital community



Rearrangement of existing study areas with foldable walls, to create group rooms of various sizes for a shared learning experience

Change makers

- **Students** (internship)
- **Professors**

Targets

- **Current and prospective students**
- **University employees**
- **Professors**

Key stakeholders and partners

- **Private and state fund**
- **External experts**
- **Infrastructure companies**
- **Territorial public and private institutions**
- **UNESCO**
- **UNIDO**

Timeline

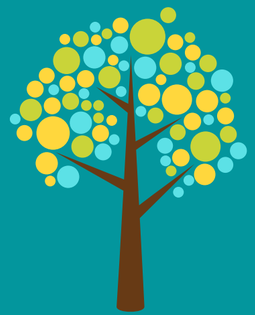
1.**Fundraise**
(e.g. EU “investment plan for a sustainable Europe”)

2. **Think tank** between **students and professors**

3. Launching a **tender**

4. **Working on-site** after choosing tender winners

5. **Delivering the campus initiative**



Added value

Positive study & work environment

Job experience from the student side

Increase in liveability

Education quality enhancement

Economic and environmental sustainability

Climatic comfort