



CONNECTED CAMPUS



Shaping a Better Life

FOLLOW **KATHERINE, JULIA, VICTOR AND PAULO,**
YOUR GUIDES IN THE **CONNECTED CAMPUS.**



VICTOR | ARCHITECTURE STUDENT



PAULO | BRAZILIAN RESEARCHER IN BIOMIMICRY, GUEST ON THE CAMPUS



JULIA | DESIGN MANAGER AT BOUYGUES CONSTRUCTION



KATHERINE | PROFESSOR OF HISTORY OF ART

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VICTOR CHECKS HIS ONLINE SCHEDULE.

- THE VERY HIGH SPEED CONNECTION ON-CAMPUS MEANS VICTOR DOESN'T REQUIRE AN INTERNET SUBSCRIPTION TO ACCESS THE CAMPUS CONTENT..
- VICTOR CAN RENT OUT HIS ROOM WHEN HE IS AWAY BY CONTACTING THE APARTMENT BUILDING'S MANAGER.



HE HAS BREAKFAST WITH HIS FLATMATES.

- VICTOR'S APARTMENT BUILDING IS A ZERO-ENERGY BUILDING. VICTOR IS TAKING PART IN A «LOW CARBON FLATSHARE» COMPETITION, WHERE THE APARTMENT BUILDING'S APP MEASURES THEIR CONSUMPTION AND SUGGESTS ECO-RESPONSIBLE BEHAVIOUR.



HE THEN WORKS WITH OTHER STUDENTS ON A PROJECT IN THE COWORKING AREA.

- A VIDEO-CONFENCING ROOM MEANS VICTOR CAN WORK REMOTELY WITH OTHER STUDENTS.
- COWORKING AREAS AND MEETING ROOMS CAN BE ACCESSED BY NON-RESIDENTS WHO HAVE A SUBSCRIPTION.



VICTOR GOES TO REPAIR HIS BICYCLE IN THE SERVICE HALL.

- THE CONCIERGE POOLS SERVICES THAT ARE ALSO OPEN TO THE NEIGHBOURING PUBLIC.
- THE LAUNDRETTE USES A RAIN WATER SUPPLY.





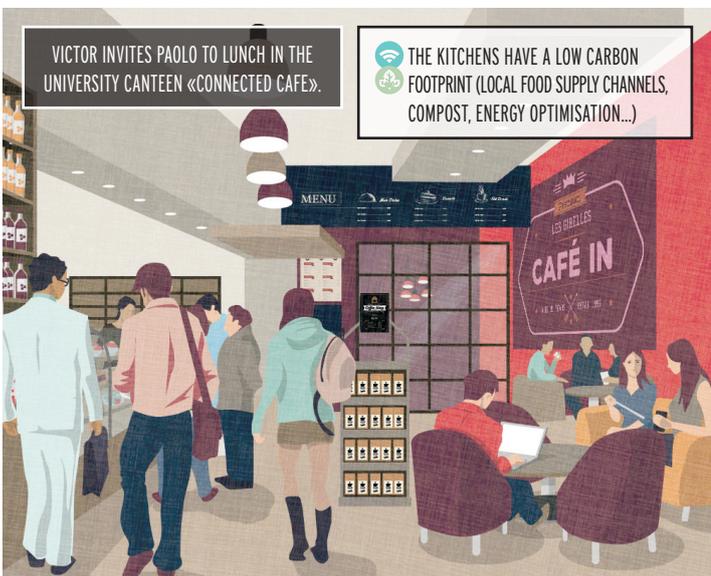
VICTOR ARRIVES AT THE LEARNING CENTRE. THE DYNAMIC DISPLAY SUGGESTS A THEMATIC-ACCESS ROOM.

- VICTOR'S SMARTPHONE PROVIDES HIM WITH ID ACCESS TO AREAS AND SERVICES.
- THE LEARNING CENTRE IS DESIGNED TO WELCOME THE GENERAL PUBLIC.



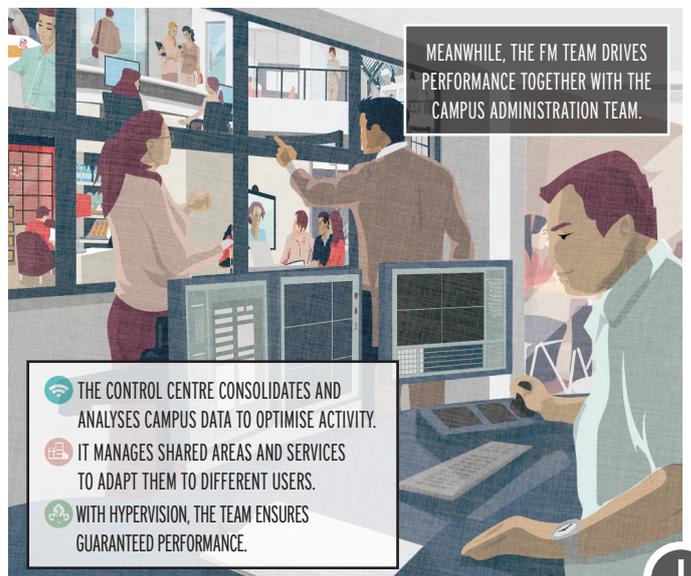
VICTOR JOINS PAULO IN A WORK ROOM DEDICATED TO BIOMIMICRY.

- DIGITAL SIGNAGE HELPS ORIENT PEOPLE AND BRING TOGETHER PEOPLE WITH SIMILAR INTERESTS



VICTOR INVITES PAULO TO LUNCH IN THE UNIVERSITY CANTEEN «CONNECTED CAFE».

- THE KITCHENS HAVE A LOW CARBON FOOTPRINT (LOCAL FOOD SUPPLY CHANNELS, COMPOST, ENERGY OPTIMISATION...)



MEANWHILE, THE FM TEAM DRIVES PERFORMANCE TOGETHER WITH THE CAMPUS ADMINISTRATION TEAM.

- THE CONTROL CENTRE CONSOLIDATES AND ANALYSES CAMPUS DATA TO OPTIMISE ACTIVITY.
- IT MANAGES SHARED AREAS AND SERVICES TO ADAPT THEM TO DIFFERENT USERS.
- WITH HYPERVISION, THE TEAM ENSURES GUARANTEED PERFORMANCE.



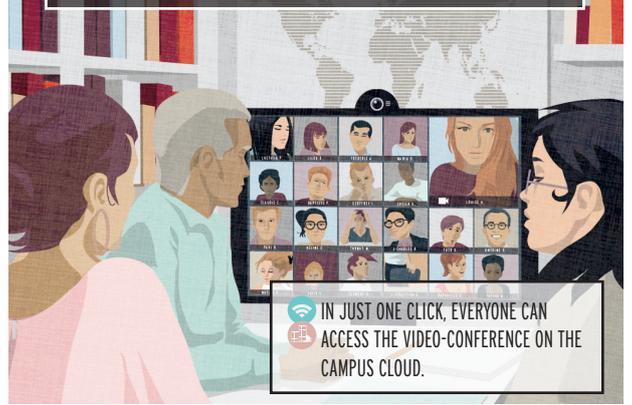
KATHERINE WORKS ON A NEW LESSON AT THE MOOC STUDIO.



📶 KATHERINE IS COMPLETELY AUTONOMOUS WHEN RECORDING HER LESSON, SINCE CAPTURE IS AUTOMATED.
 🏢 THE STUDIO IS OPEN TO PARTNER COMPANIES FOR THE PRODUCTION OF THEIR E-LEARNING MATERIAL.



WITH HER EDUCATIONAL TEAM, KATHERINE ORGANISES A VIDEO-CONFERENCE TO ANSWER QUESTIONS FROM MOOC STUDENTS.



📶 IN JUST ONE CLICK, EVERYONE CAN ACCESS THE VIDEO-CONFERENCE ON THE CAMPUS CLOUD.

KATHERINE SUGGESTS A SERIOUS GAME TO STUDENTS WHO ATTENDED HER MOOC.



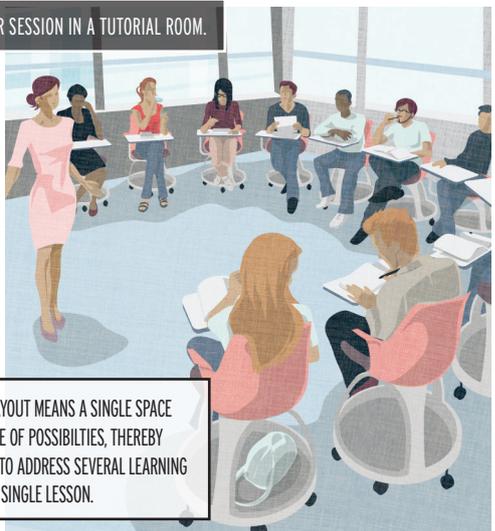
📶 EQUIPPED WITH INTERACTIVE WHITEBOARDS AND COLLABORATIVE SOFTWARE, THE LEARN-LAB IS AN AREA DEDICATED TO CREATIVE TEAMWORK.
 🏢 THE UNIVERSITY RENTS OUT THE LEARN-LAB AND OTHER CAMPUS AREAS TO COMPANIES FOR THEIR SEMINARS AND ONGOING TRAINING COURSES.

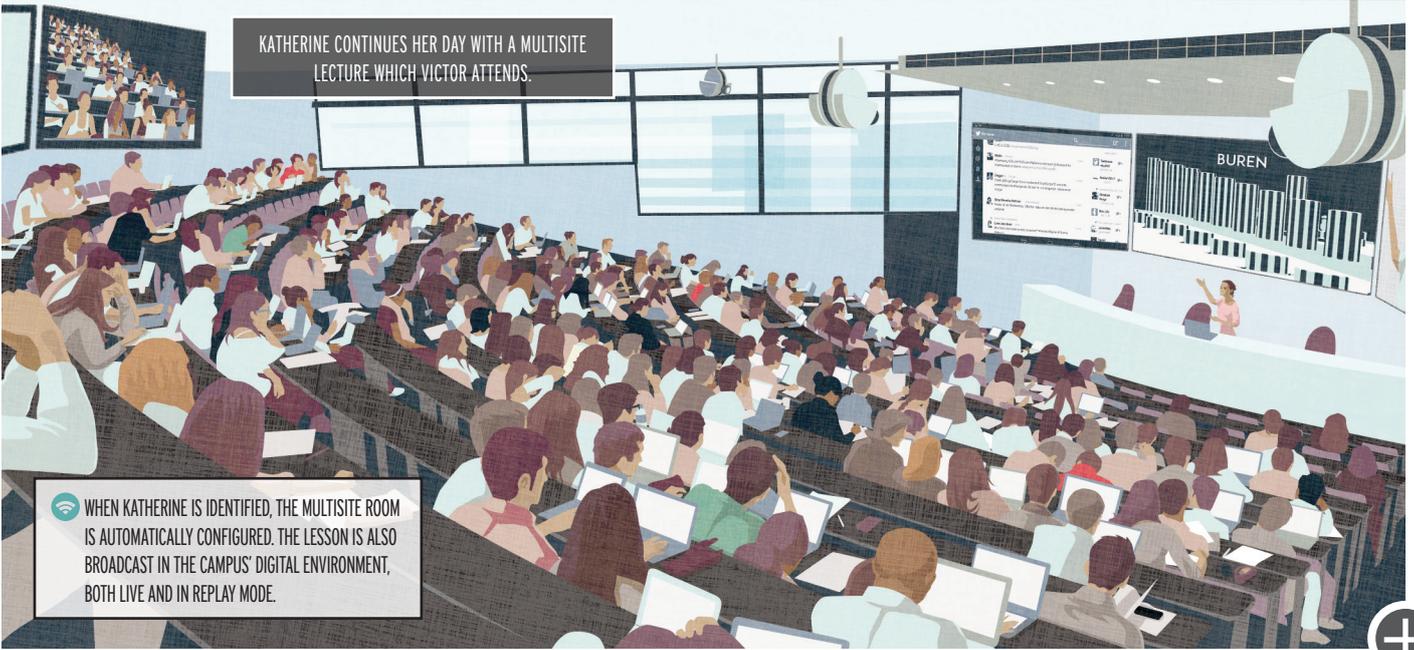


KATHERINE CONTINUES HER SESSION IN A TUTORIAL ROOM.



🔄 THE CUSTOMISABLE LAYOUT MEANS A SINGLE SPACE PROVIDES A MULTITUDE OF POSSIBILITIES, THEREBY ENABLING KATHERINE TO ADDRESS SEVERAL LEARNING SEQUENCES DURING A SINGLE LESSON.





KATHERINE CONTINUES HER DAY WITH A MULTISITE LECTURE WHICH VICTOR ATTENDS.

📶 WHEN KATHERINE IS IDENTIFIED, THE MULTISITE ROOM IS AUTOMATICALLY CONFIGURED. THE LESSON IS ALSO BROADCAST IN THE CAMPUS' DIGITAL ENVIRONMENT, BOTH LIVE AND IN REPLAY MODE.



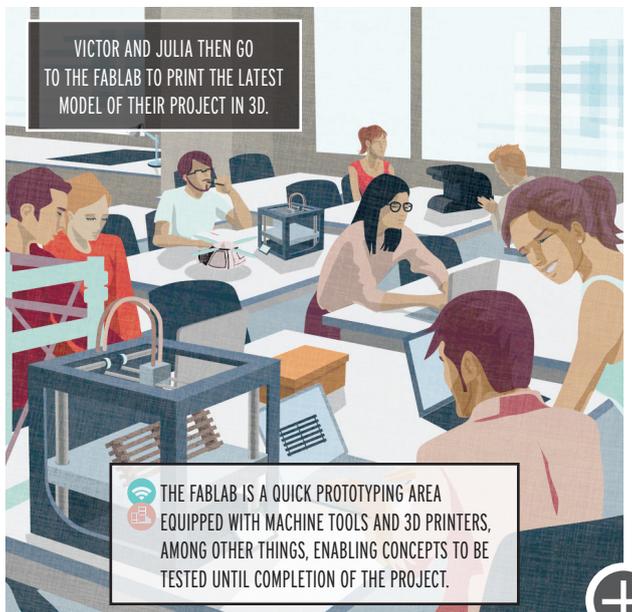
VICTOR LEAVES AFTER THE LESSON AND GOES TO MEET JULIA, A DESIGN MANAGER AT BOUYGUES CONSTRUCTION, WHO IS WAITING FOR HIM AT THE INCUBATOR ENTRANCE.

📶 VICTOR IS INFORMED OF JULIA'S ARRIVAL BY A CAMPUS APP NOTIFICATION ON HIS SMARTPHONE.
🏢 IN THE CAMPUS HALL, CERTAIN AREAS ARE DEDICATED TO COMPANIES IN ORDER TO PROMOTE INTERACTION.



THEY GO ONTO THE PREMISES OF VICTOR'S STARTUP, WHERE HE PRESENTS THE CROWDFUNDING CAMPAIGN HE HAS LAUNCHED.

🏢 THE INCUBATOR IS DESIGNED TO ALLOW STUDENTS TO MEET THEIR EXTERNAL PARTNERS.



VICTOR AND JULIA THEN GO TO THE FABLAB TO PRINT THE LATEST MODEL OF THEIR PROJECT IN 3D.

📶 THE FABLAB IS A QUICK PROTOTYPING AREA EQUIPPED WITH MACHINE TOOLS AND 3D PRINTERS, AMONG OTHER THINGS, ENABLING CONCEPTS TO BE TESTED UNTIL COMPLETION OF THE PROJECT.





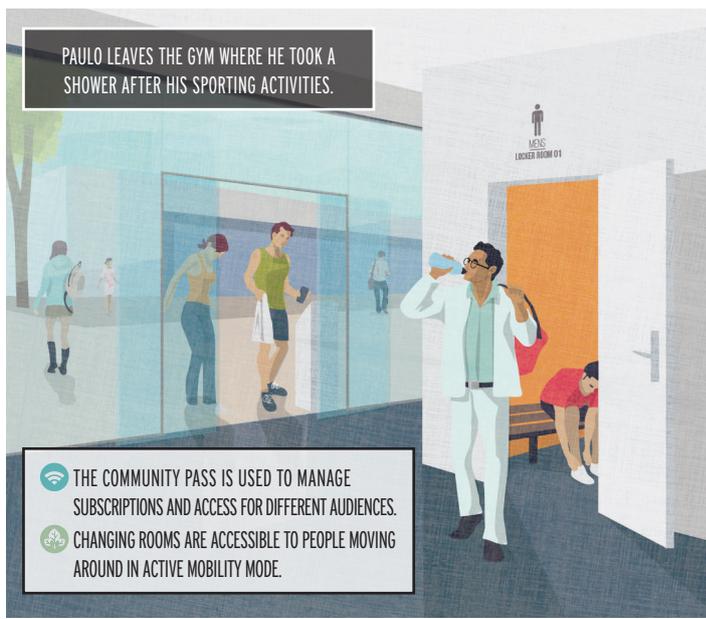
PAULO IS IN A TELEPRESENCE MEETING WITH SINGAPORE.

 PAULO FEELS AS THOUGH HE IS WORKING IN THE SAME LABORATORY AS HIS COLLEAGUE LI WEI IN SINGAPORE. THE TELEPRESENCE SYSTEM CREATES VIRTUAL CONTINUITY BETWEEN DIFFERENT AREAS.



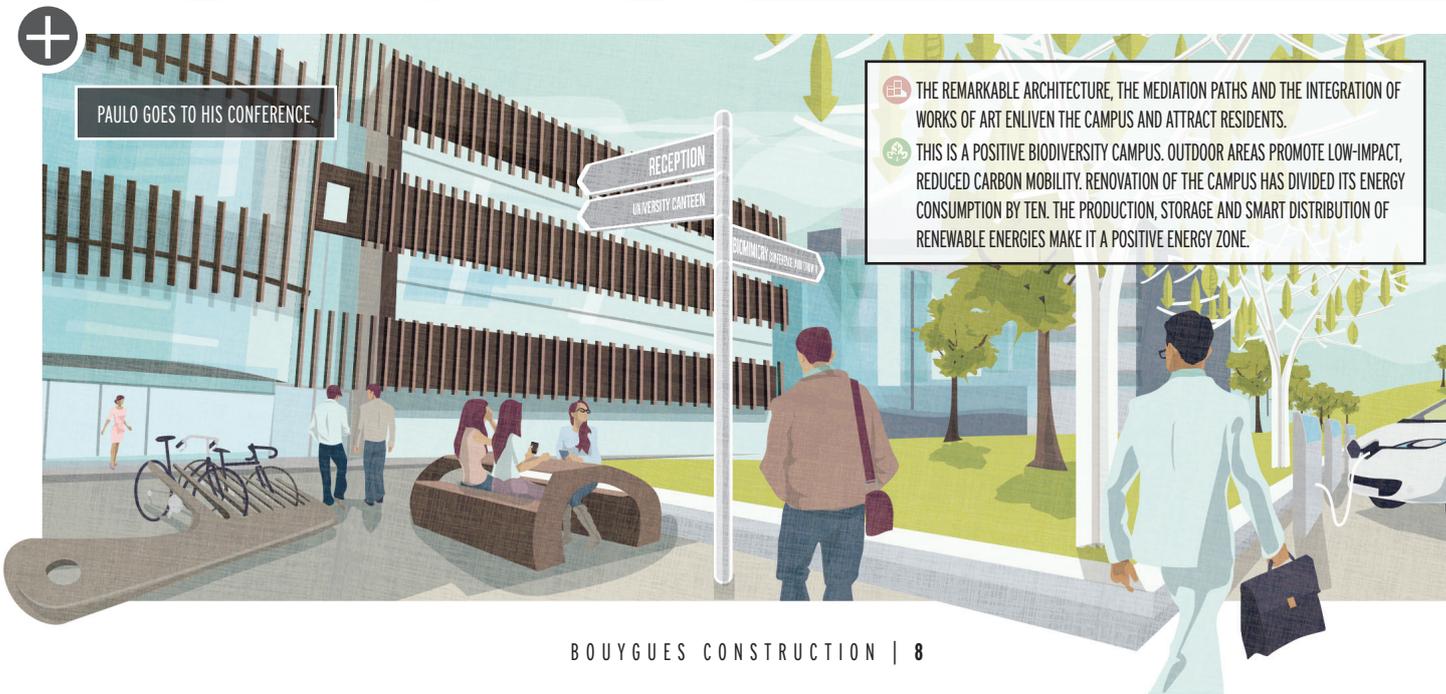
PAULO MAKES THE MOST OF SOME FREE TIME TO DO SOME SPORT IN THE CONNECTED SPORTS AREA.

 THE CAMPUS APP COACHES PAULO IN THE DIFFERENT EVENTS.
 THE SPORTS AREA IS OPEN TO EVERYONE, ATTRACTING SPORTS FANS IN THE EVENINGS AND AT WEEKENDS.



PAULO LEAVES THE GYM WHERE HE TOOK A SHOWER AFTER HIS SPORTING ACTIVITIES.

 THE COMMUNITY PASS IS USED TO MANAGE SUBSCRIPTIONS AND ACCESS FOR DIFFERENT AUDIENCES.
 CHANGING ROOMS ARE ACCESSIBLE TO PEOPLE MOVING AROUND IN ACTIVE MOBILITY MODE.



PAULO GOES TO HIS CONFERENCE.

 THE REMARKABLE ARCHITECTURE, THE MEDIATION PATHS AND THE INTEGRATION OF WORKS OF ART ENLIVEN THE CAMPUS AND ATTRACT RESIDENTS.
 THIS IS A POSITIVE BIODIVERSITY CAMPUS. OUTDOOR AREAS PROMOTE LOW-IMPACT, REDUCED CARBON MOBILITY. RENOVATION OF THE CAMPUS HAS DIVIDED ITS ENERGY CONSUMPTION BY TEN. THE PRODUCTION, STORAGE AND SMART DISTRIBUTION OF RENEWABLE ENERGIES MAKE IT A POSITIVE ENERGY ZONE.





C O N N E C T E D C A M P U S

Connected Campus brings together the proposals of Bouygues Construction to design, build and operate educational spaces ready for digital teaching and learning, open to the world and with low environmental footprint.

COME AND VISIT OUR CONNECTED CAMPUS SHOWROOM
AT CHALLENGER, BOUYGUES CONSTRUCTION HEADQUARTERS.

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Credits

Bouygues Construction

Steelcase (learn-lab et node classroom p.6)



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