



CO-DESIGN SESSION | 05/03/2019

1/CURRENTLY

What other topics or approaches have we not mentioned and of which you are aware?

Do you know of any initiatives that would enrich the action panel of the Live TREE program?

2/ EVERYDAY LIFE – DINING OPTIONS WORK – TRANSPORT – EDUCATION – LEISURE

What are the major problems you encounter in the buildings in which you work and in the urban centers that you frequent?

What services would you need most to make your daily life easier ?

3/ FUTURE

Armed with a magic wand and without any financial restraints, what would your 3 main actions be to create a more sustainable city and smarter buildings?

What are you thinking when you imagine a new city being built?

- working on water network
- to recycle more
- micro-wind-turbines
- research on bio-control (invasive species)
- developing university local production for university (fruits, vegetables, beer, milk...)
- local seeds, seed banks
- water-management
- reducing plastic bags
- develop cheaper electric car
- smart lighting on the campus
- recycled plastic into 3D printing filament
- creating insulation systems
- geo-thermal energy
- trying to minimize the transport on the university to lower pollution
- purified rainwater
- how can we motivate each individual to contribute? Using an application that give the individual carbon consumption and energy needs and resources saved, and the more you take care, the more you have discounts
- change management is the main difficulty
- pedestrian area with no busses and cars during the week end
- use wave energy in the sea
- have a curriculum on the sustainability
- more bike stations close to university
- plastic reduction
- reduce paper use
- micro-charging station
- food loss and waste
- what about the future waste (batteries, PV panels..) ?
- a legal framework to prevent car polluting
- what rentability when living in a smartbuilding? (social norms, social standards, ethics, behavior..)
- bio-fuel from biological microalgae ?
- what happens to batteries after their life time?
- recycling thermal waste
- light pollution?
- noise pollution ?
- green covers on the flat roofs
- vertical gardens (decrease CO2 gas)
- biogas plant?
- collect wastes from cafetaria-campus-brewery
- website where you can buy a tree and have a tracking of where it is planted
- and eat what is planted with the name of the purchaser
- more research in energy fields
- ecotourism promotion ?
- greener environment
- increase the involvement of the farmers from rural areas

- not enough water fountain / too much plastic bottles
- no facility for physically disabled people
- what to do with very old buildings?
- what kind of heating systems in old cities?
- badly insulated buildings
- more plants inside the building
- wider road to share place with bikes and cars
- more public transport
- more solar panel
- we need cheaper gas
- too many coal energy plants
- old busses
- huge air pollution
- no sun roofs
- buildings are not efficient
- noisy buildings
- no heating regulation, light always on
- air pollution
- need smart systems that turn off when not used
- crowded trains
- need power storage in the buildings
- need to develop the awareness to protect environment
- work on wall spaces
- share information about room availability in real time
- not enough plugs in a room
- cleaning up after pets
- use natural light
- use natural light
 work from home
- more parking places for bikes
- air purification for polluted cities
- possibility to cancel smartbuilding orders
- noise pollution control mobile app to collect data about air pollution
- developing connection between rural and urban areas

- more public transportation / shared bikes and cars
- integrating more greenery into the buildings
- no smoking in official places (restaurants, coffee shops...)
- imagine NO city: advanced technologies enables peoples to stay in rural places and work there
- people should have obligation to take care of the environment or they will be punished
- zero CO2 transport, only electric energy allowed
- isolated covered cities
- small buildings, 3 levels max
- colored buildings
- gravity bikes
- self-sufficient city
- education + ethics
- no cars
- rain re-use
- more robotspublic transport in only one color
- better laws / changing laws
- large garden with lots of animals
- stop coal power plants, develop renewable energy
- help old people in rural area, avoiding they stay alone
- consciousness of people
- finance
- need flexible time of work (public transport adapted)
- old building insulation made with green plants
- car-sharing and underground garage
- change people's mind (stairs instead of lift ...)
- great public transport
- education from a young ageself-driving vehicles
- individual and collective transportfree social services (transport,
- medicine..)
 changing laws
- air and underground transport not to damage the green surface
- ecofriendly constructed buildings with integrated solar panel and other heating systems