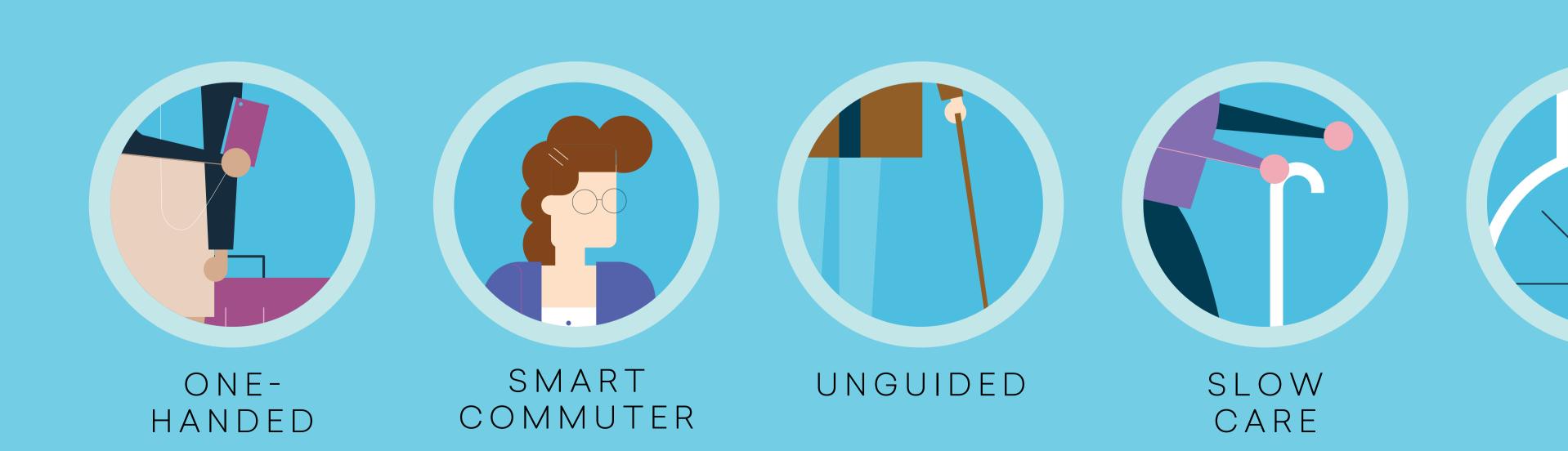


We have developed a unique co-creation tool to explore how the evolution of current trends may affect the mobility sector, to help our clients define their role in the future.

Aviation Train and rail Scooter

Subway Vehicle Trucks

As part of the card set, we introduce various key passenger typologies with their key needs projected onto a mini journey map.



Passenger typology.

One-handed is occupied



mormedi Making tomorrow tangible

Main needs card.

Phases

BEFORE

Being able to organize their route without using their hands.

TRAFFIC HUB

Access to services that free their hands and different wayfinding interface options.

PLATFORM

Secure spaces for waiting and looking after their belongings.

ON/OFF BOARDING

Easy and safe access to transport.

TRANSPORT

Designated and visible space for belongings.

AFTER

Access to services that free their hands and easy connection to other modes of transportation.

This enables us to include role mapping in the process, to empower our service design approach,



... which allows us to ponder complex questions and explore possible futures from a human-centered perspective.

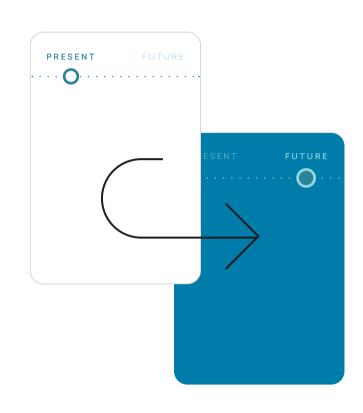


We use this tool to help our client teams explore possible mobility futures by reflecting collaboratively how trends might evolve and thus anticipating possible futures.

How do the trend cards work?

Side 1

The present.
Start here.



Side 2

The future.
Imagine what's next.

Understand changes

We select the trends that you think are most relevant to your organisation. Considering the macro trends that are driving these changes.

Imagine the future

If these trends becomes more common and widespread, how will your world change?

Using your imagination and getting inspired by the idea starters.

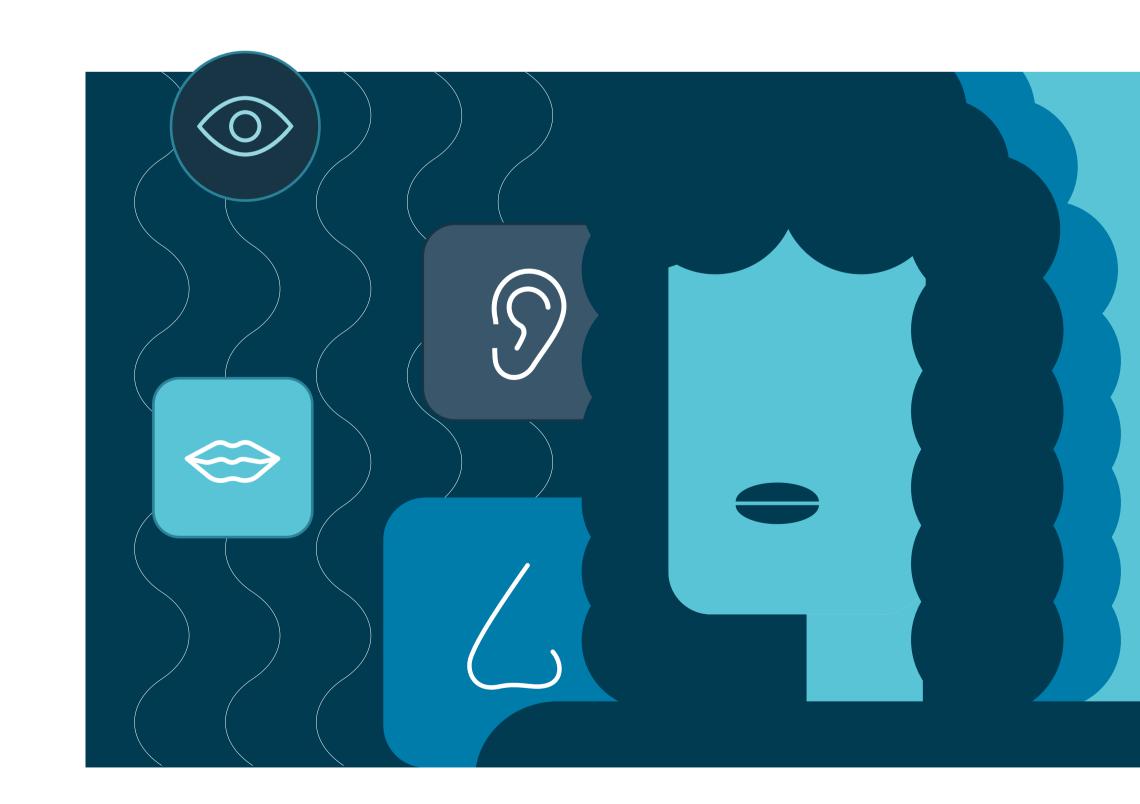
Is this a future that you want? Try getting inspiration from other sectors, too.

FUTURF

Multi-sensory experience

In order to raise brand awareness, companies are working to create emotional and memorable products, services, and experiences that touch all senses, through corporate scents, food that is designed to be "Instagrammable", etc.

Virgin Atlantic offers ultra-British "Afternoon high tea" in all cabins in partnership with master pâtissier Eric Lanlard to create a unique, Instagrammable moment.



FUTURE

How do you imagine sensory experiences will shape the future mobility experience?

Idea starters

- Brand identity guidelines will include aroma, food, gestures, music, etc.
- Experiences will be boosted with new technologies like VR or AR.
- Multi-sensory experiences will be omnichannel e.g. aroma via marketing materials, and even in the cabin.

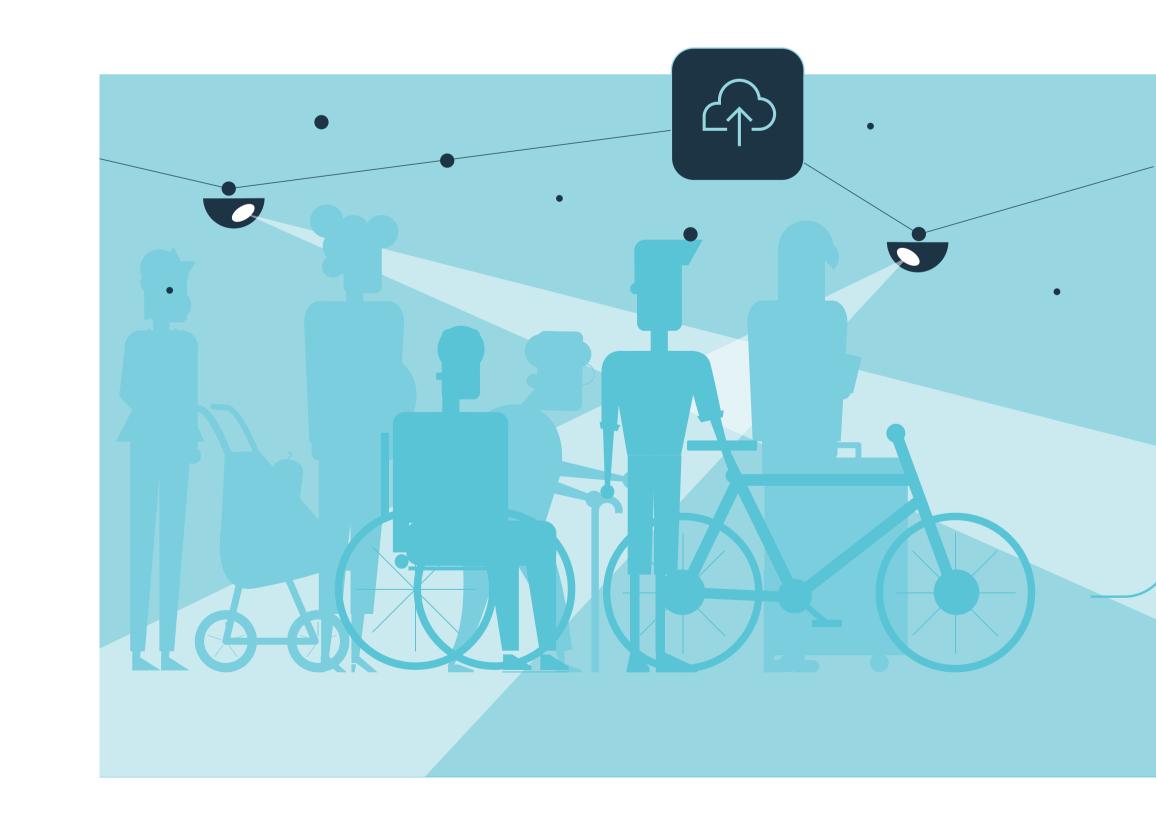
FUTURF

Intelligent safety

New technologies can monitor user behaviour in order to reduce incidents and provide solutions, such as alcohol tests, sleep alerts or anti-theft alarms.

Volvo's

driver-monitoring systems monitors the driver for both intoxication and distractions to reduce traffic fatalities.



FUTURE

How will intelligent safety impact the future of mobility?



Automatic connection to emergency services.

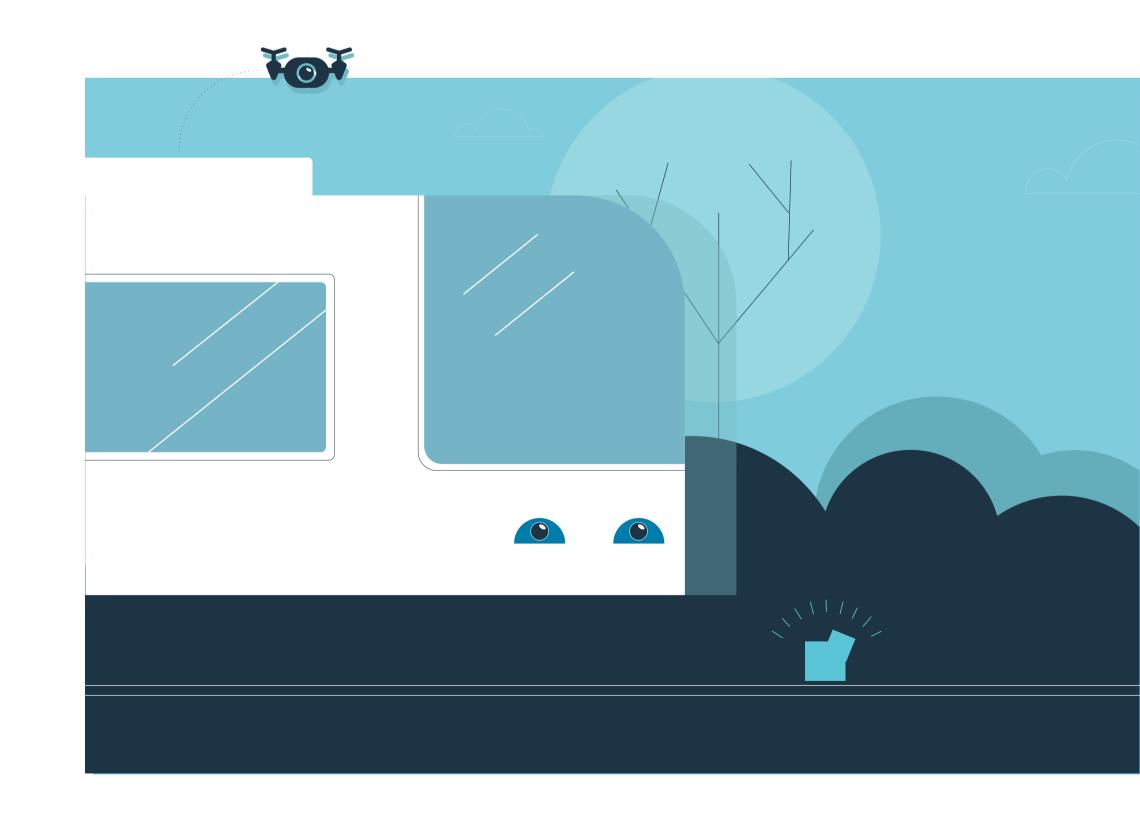
- Different modes to leave kids, the elderly or pets safely inside the vehicle.
- Legal implications will need to be considered once users rely on automated systems.

FUTURF

Smart cities

Cities are using new technologies such as IoT and AI to manage resources, assets, and services more efficiently. Transportation services are starting to collect data to improve cities by sharing data between companies and the government.

Hubble created a more efficient tree-trimming programme for railways using artificial intelligence to map trackside vegetation and identify trees liable to shed leaves.



FUTURE

What will be the role of mobility in the future of smart cities?



On-demand public transport routes based on passengers' requests.



Cyber-security will become much more important in connected cities.



Outdoor monitoring systems will improve maintenance.



Cities will start demanding more shared data from private companies.



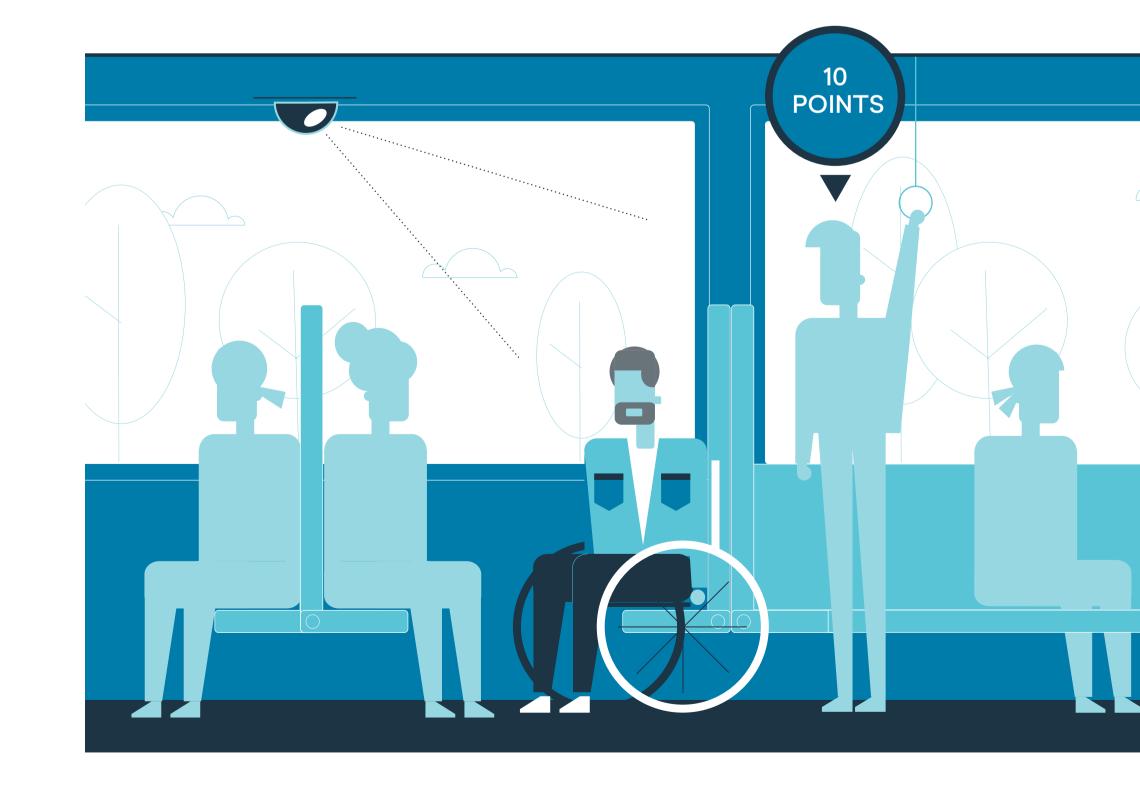
Smart traffic lights will be used to improve transport flows, prioritizing public transport, e.g. buses.

FUTURE

Behavioural rewards

Organisations are promoting more sustainable and ethical behaviour and habits using new technologies like facial recognition and micropayments, combined with gamification tactics.

Dovu is a start-up with a blockchain-powered reward platform that incentivises changes in passenger behaviour by rewarding them with cryptocurrency.



FUTURE

How do you imagine behavioural rewards programs will impact the future of mobility?

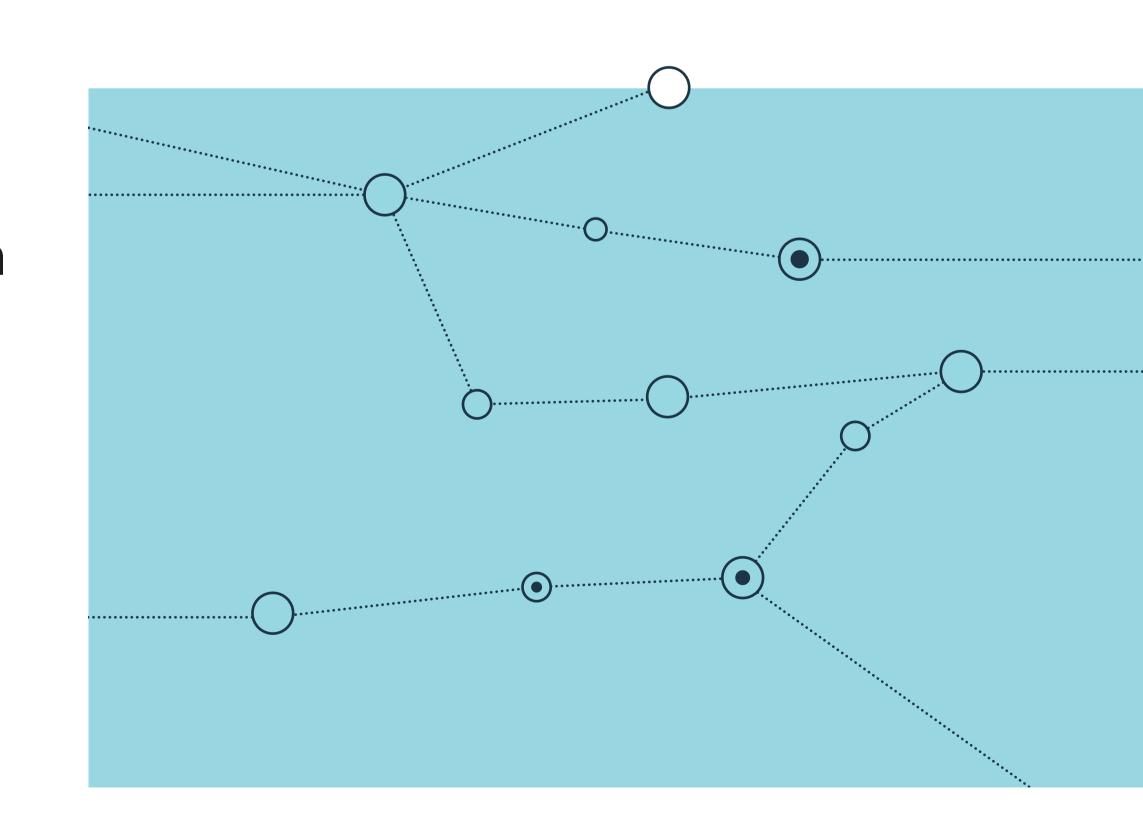
- Social credit systems (like the one found in China) will expand to other countries.
- Users will be able to report other users' behaviours to reduce incidents.
- Could be used to boost accessibility e.g. users will earn points when offering their seat.

FUTURE

Ambient intelligence

Modes of transport are becoming sensitive and responsive to human presence, bringing support to our everyday life. This enables more control over the space, such as humidity, temperature, lighting or security.

Tesla has rolled out a Dog Mode feature that uses sensors to maintain the perfect conditions for pets inside a vehicle, and it displays a message to passers-by who might become concerned for pets left inside.



FUTURE

How do you imagine ambient intelligence will shape the future mobility experience?

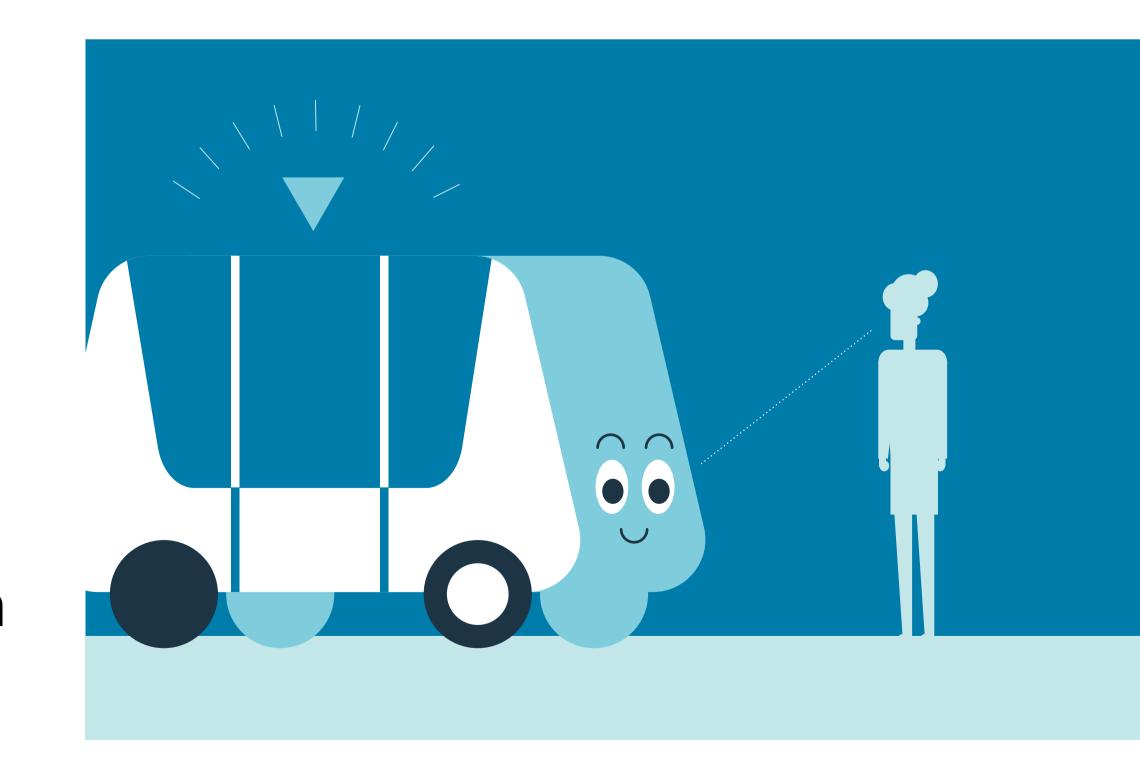
- Different ambient modes will be offered or suggested to customers.
- Onboard maintenance will be done by integrated robots e.g. cleaning.
- Options will be sold to users so they can customize their experience.
 - Travellers' stress or happiness levels will be measured and the ambience will be adjusted accordingly.

FUTURF

Autonomous driving

As autonomous vehicle (AV) technology progresses, driverless cars are looking more likely to become a reality, with all their benefits, including increased personal safety and wellbeing, and reduced transportation costs. But they will also come with lots of challenges, such as cybersecurity.

IKEA's innovation lab unveils self-driving vehicle concepts that offer services such as café, healthcare, farm, gaming, hotel and shop while transporting users to a destination.



FUTURE

How do you imagine AVs will affect the future of mobility?

- Development of new laws, e.g. driving manually in cities could become illegal.
- AVs may attract passengers who have consumed alcohol.
- New innovative uses will be sought for obsolete driveways and garages.
- Services and retail will be integrated into vehicles.
- New forms of human-vehicle interaction will be needed to make passengers feel secure and safe.

The result is a unique tool to identify new opportunities, collaborate and communicate complex questions, exploring possible futures from a holistic perspective that empower our service design approach.

If you are interested to know more about our approach, please get in touch.



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