

The (mis)education of automated vehicles

The implementation of automated road transport: Predictions and implications for efficient and equitable transport planning

URBANISM NEXT EUROPE
2021
09/06/2021



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2021
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ONLINE CONFERENCE



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Let's interact!

Why the
(mis)education of
automated
vehicles?

A person is seen from behind, wearing a dark green t-shirt. A large white rectangular sign is attached to the back of the shirt with black text that reads "A.R.T. YOU READY?". The person is standing in a room with red walls and other people in the background. The sign is the central focus of the image on the right side of the slide.

A.R.T.
YOU
READY?



Corbis Getty Images

It's funny how money change a situation
Miscommunication leads to complication
My emancipation don't fit your equation
I was on the humble, you on every station
Some wan' play young lauryn like she dumb
But remember not a game new under the sun
Everything you did has already been done
I know all the tricks from bricks to kingston

I know you don't want to hear my opinion
But there come many paths and you must choose one
And if you don't change then the rain soon come
See you might win some, but you just lost one

You might win some but you just lost one

Financial Literacy Can Help Save People Who Are Poorly Served

Those in underserved communities have to scale high barriers

'We were always in lockdown': Disabled people call for better transport options 

The true meaning of leaving no one behind

How a transportation safety net could keep more people off the streets

Metro programs that work toward racial justice

Homeless advocate upset after police kick people out of Edmonton LRT station during cold snap

L.A. Metro should provide free public transit for all children

Four misunderstandings about sustainability and transitions



Transportation infrastructure could be key to inclusive economic recovery, but investment has languished

Amid Pandemic, Programs Struggle To Reach Vulnerable Seniors Living At Home

Why we need to champion diversity in cycling

STUDENT LIFE

TUESDAY, MAY 4, 2021

'Poor bureaucracy': UC Berkeley student transit passes canceled without notice

Efficiency



sustainability



**Mobility as a
part of a
larger system**

Ecological

- Energy
- Space
- Emissions

Social

- Cohesion
- Costs
- Accessibility

Awareness, dialogue and activation



**A TRIBE CALLED
TRANSPORT**

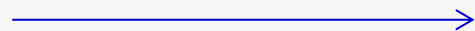
Research

Lost Lectures & Thesis

International Student Challenge



Insights



Awareness & Talk
Value



Engagement



RELIABLE



On foot



Car as a driver



Bike



RATHER RELIABLE



Car as a driver, with others



Public transport



Car as a passenger



E-scooter



Shared bike



Shared car as a driver



Motorcycle



Shared car as a passenger



NO OPINION



RATHER UNRELIABLE



Car service with driver



...your own
bike?



YES

88.7%

NO

11.3%

... a public
transport
subscription?



YES

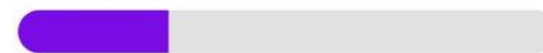
70.6%

NO

29.4%



...your own car?

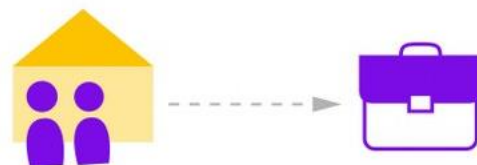
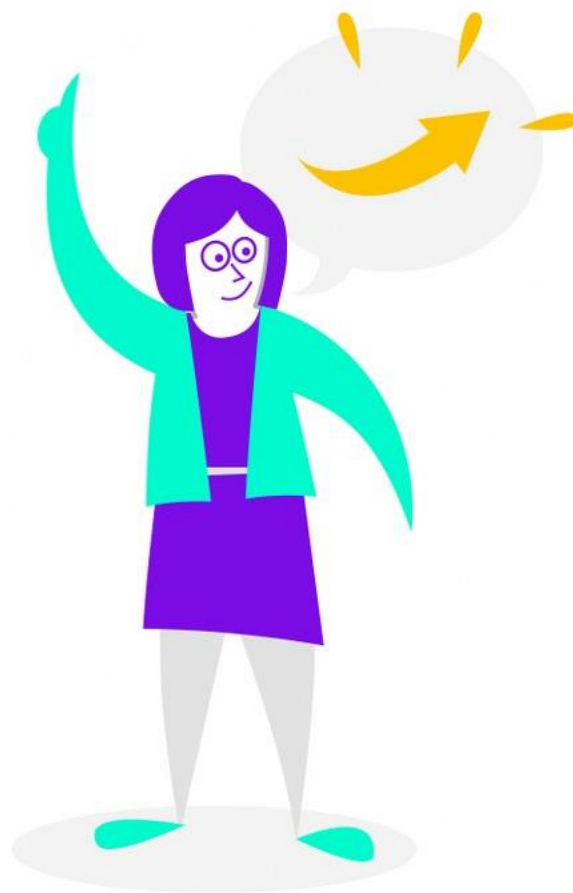


YES

27.9%

NO

72.1%



Parental home to class

44.5% 
of respondents wants improvement



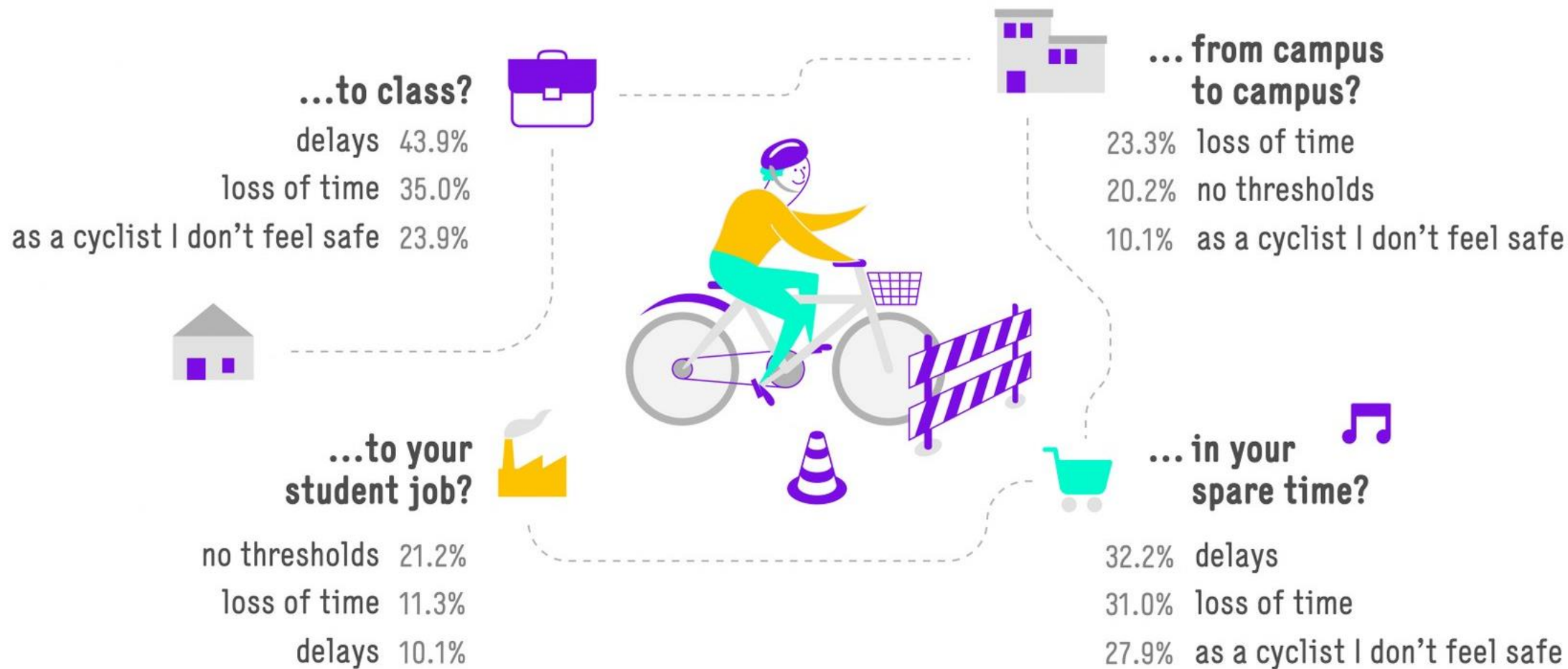
Parental home to student accomodation

40.2% 
of respondents wants improvement



Going out

27.0% 
of respondents wants improvement





**“The concerns about the safety
of 5G and self-driving vehicles
are exaggerated.”**

agree



rather agree
34.0%

don't
agree



“Self-driving vehicles will only be
of interest **for collective use**
and not for private use.”

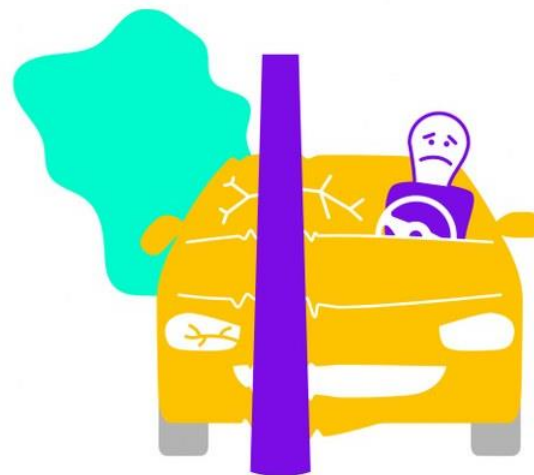
agree



rather disagree

24.2%

don't
agree



“Human errors on the road are more dangerous than technological errors of a self-driving vehicle.”

agree



rather agree
27.3%

don't
agree



“Self-driving vehicles will provide
more safety on the road.”

agree

rather agree
36.5%

don't
agree



“The self-driving car is the most recent attempt of the industry to secure **the primacy of the car.**”

agree

rather agree
33.1%

don't
agree

Awareness & Talk value: Lost Lectures

University of Hasselt: The impact of AV's on different transport modes

Experts

Dr. ir. Rob van der Bijl
Gastprofessor UGent

- Robot-freak
- Japan-freak (maakt eigen manga/stripboek)

Prof. dr. Tom Brijs
Hoogleraar UHasselT

- Bijdrage boek over verkeersveiligheid van autonome voertuigen
- Gepassioneerde fietser (heeft al eens Mont Ventoux bekomen)

interreg North Sea Region
UHasselT
Taxistop

University of Ghent: The impact of AV's on vulnerable groups



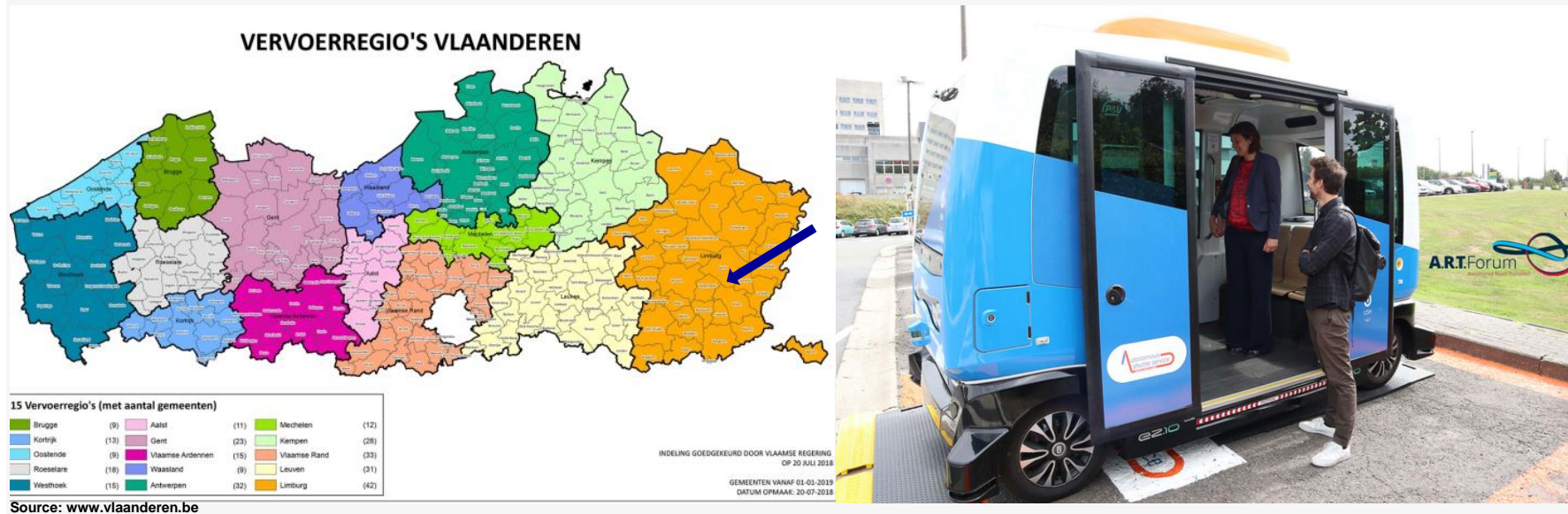
College of HoWest: The role of AV's in the city of the future

Statement 3:

Autonomous vehicles will be the main driver towards a more data-driven economy since a huge amount of data will be generated by these vehicles.

interreg North Sea Region
howest

Awareness & Talk value: Thesis



Engagement: International student challenge

Edition
2021

Second Edition

Let's go international !



How can we improve the mobility experience of students during their trips to their class/campus?



Why the Student Challenge?

Edition 2021

Based on our research on the travel behaviour of students in Belgium,

We saw that students experience quite some challenges during their trips to the campus (and other frequent trips). Instead thinking about a solution for the students, we think it is more interesting to involve and activate the students to create their own solutions. That is the reason why we launch this international student challenge.

WHAT THRESHOLDS DO YOU ENCOUNTER DURING YOUR JOURNEY...



Lessons learned

System thinking

Get out of your bubble

Collaboration

Future generations





mpact[✓]

Statements

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THANK YOU!



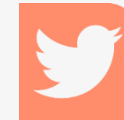
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