

# Urbanism Next Europe Workshop

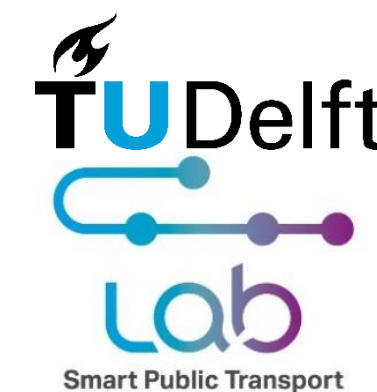


## THE FUTURE OF PUBLIC TRANSPORT

In the era of emerging modes



Ministerie van Infrastructuur  
en Waterstaat



URBANISM NEXT EUROPE  
**2021**

 @UrbanismNextEU #UNextEU →

11 June, 2021 | 9:30-11:00 CEST | PARALLEL SESSION 6.B.

# The future of public transport in the era of emerging modes

## Urbanism Next Europe Workshop

### Maike Snelder - Maria Alonso-Gonzalez - Niels van Oort



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# Urbanism Next Europe Workshop



## Schedule

Intro: trends and emerging modes

Demand Responsive Transport

Autonomous shuttles

Shared bicycles

Discussion

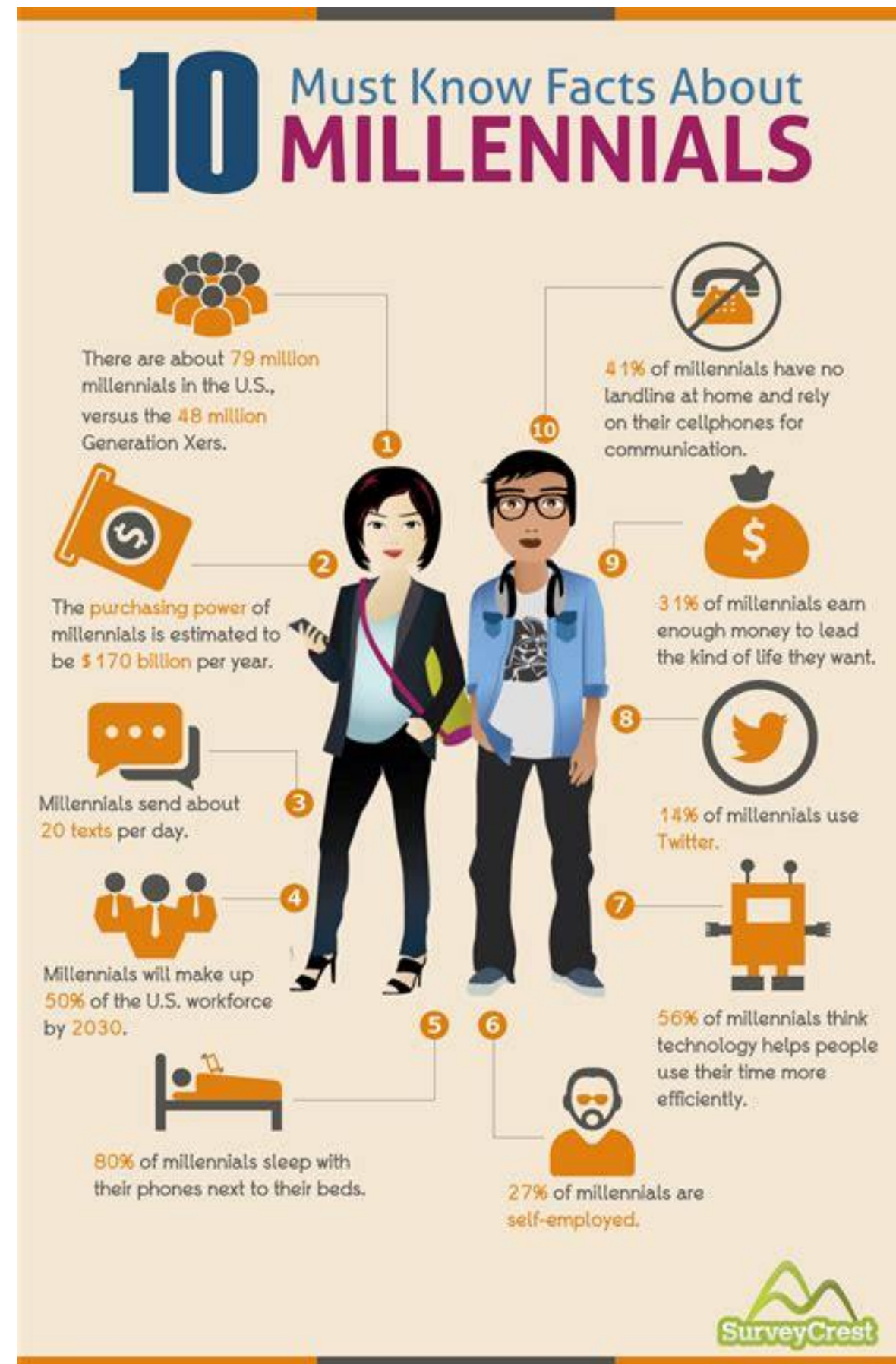
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Please add your comments and questions to the chat at any time!



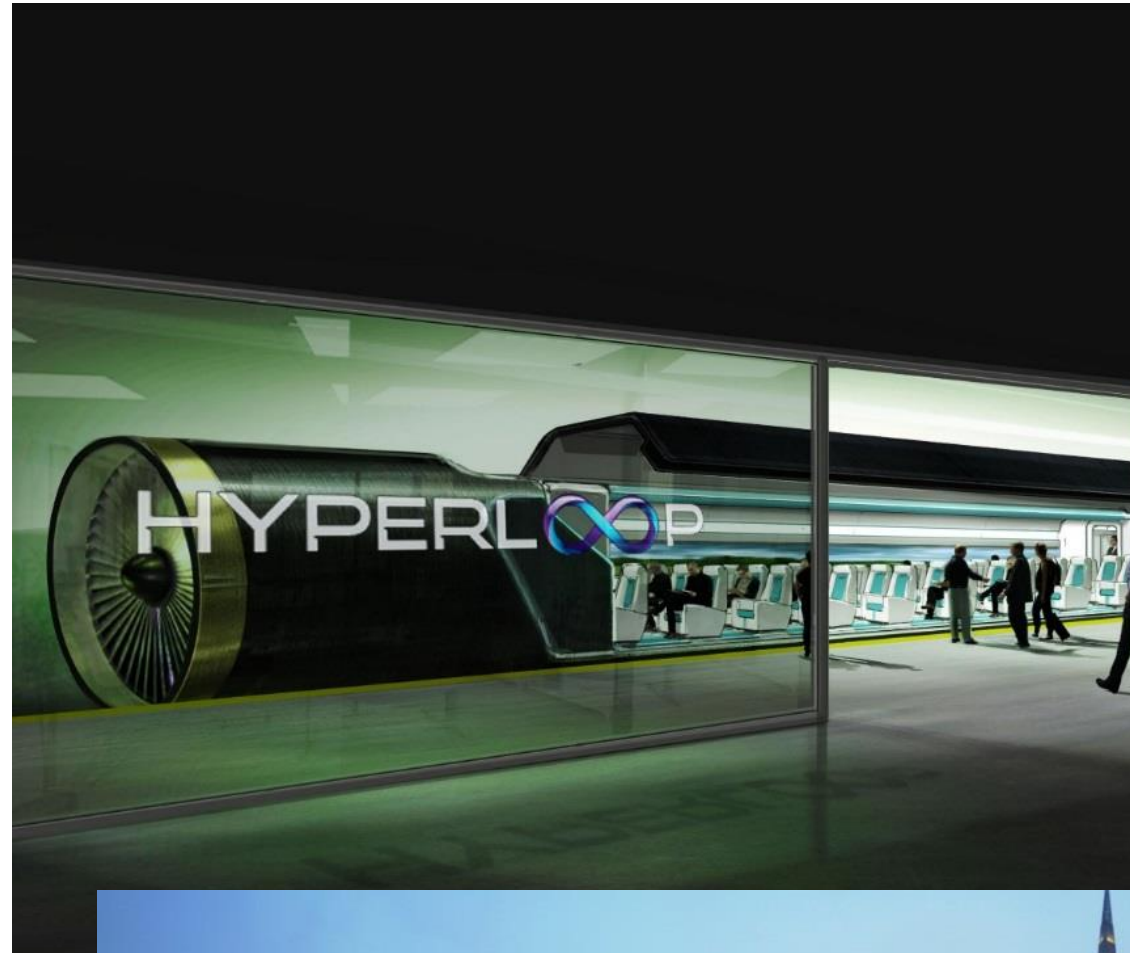
# Societal trends



Population ageing  
Behavior of the *Millennials*

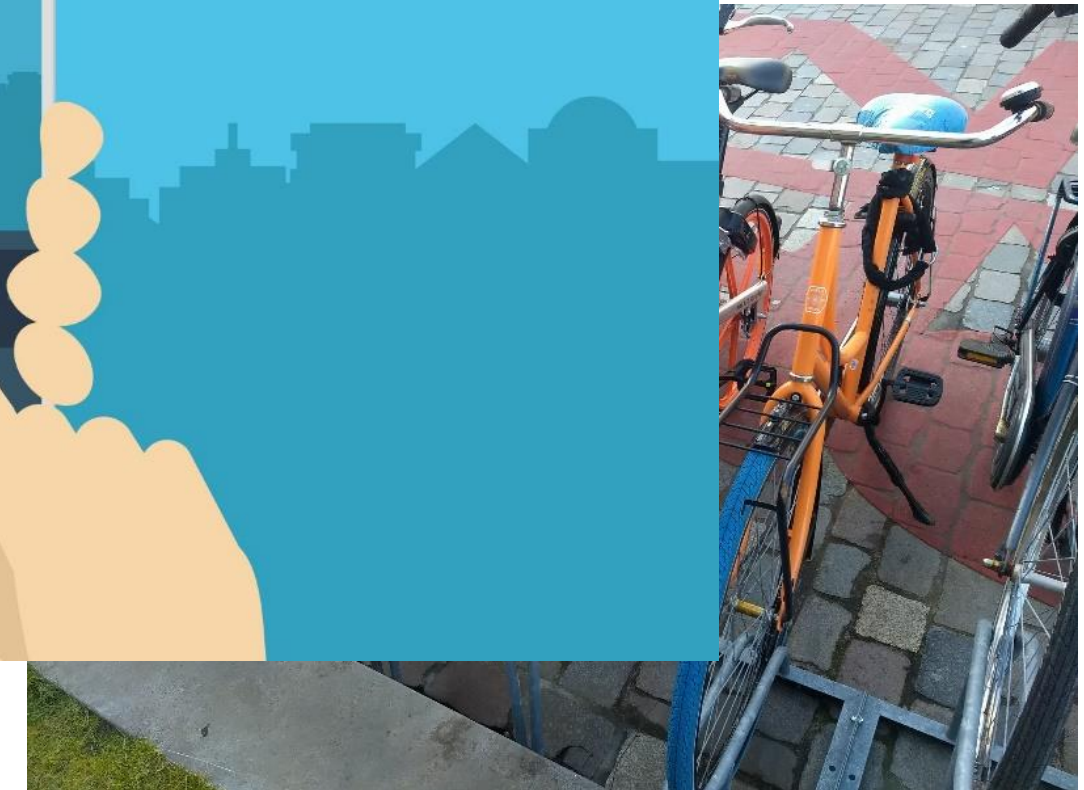


# New Technology





# First and last mile





# Covid

Urban Transport Magazine | Decline in ridership, adapted timetables...

## Decline in ridership, adapted timetables and disinfection-robots – The impact of Corona/ Covid-10 on public transport

by Jens Bernhardt

*The Atlantic*

**CORONAVIRUS: COVID-19**

Fear of Public Transit Got Ahead of the Evidence

Home / Public Safety

**Coronavirus hits public transport numbers**

16th March 2020 [Christopher Carey](#)

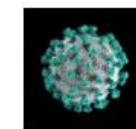
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SPECIAL SERIES  
The Coronavirus Crisis



### How Uber And Its Riders Are Adapting To The New 'Social'

June 10, 2020 · 9:58 AM ET

SHANNON BOND



QUARTZ

**America is entering its third great bicycle revival in 150 years thanks to coronavirus**

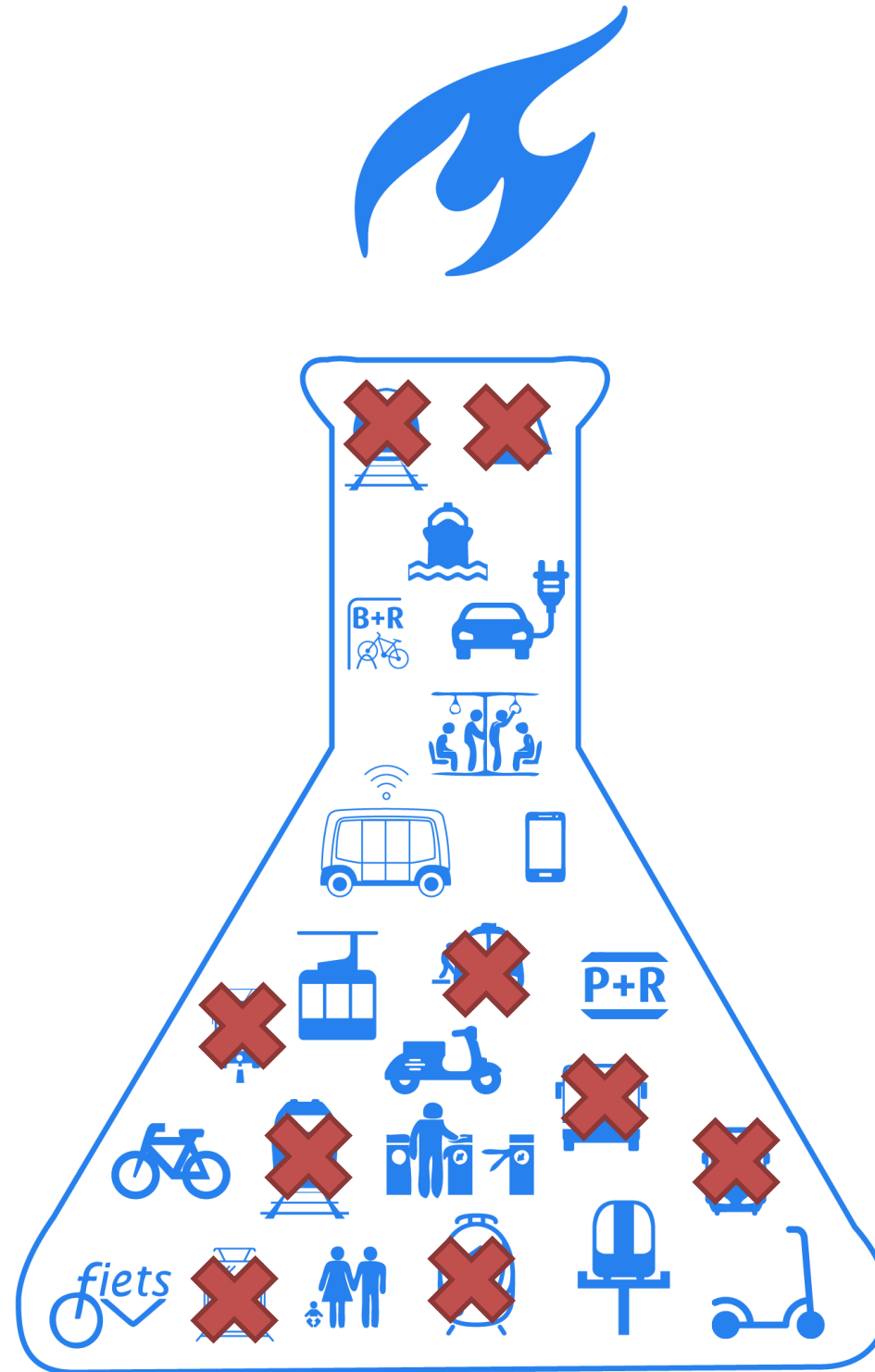


**Self-Driving Shuttles Find New Uses During Pandemic**

FUTURESTRUCTURE

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# What is the optimal mix?





# Objectives and impacts?



- Fast, reliable, comfortable door-door
- Efficient land use
- Wealth, Wellbeing
- Sustainability, Health
- Social inclusion

# New technology/modes





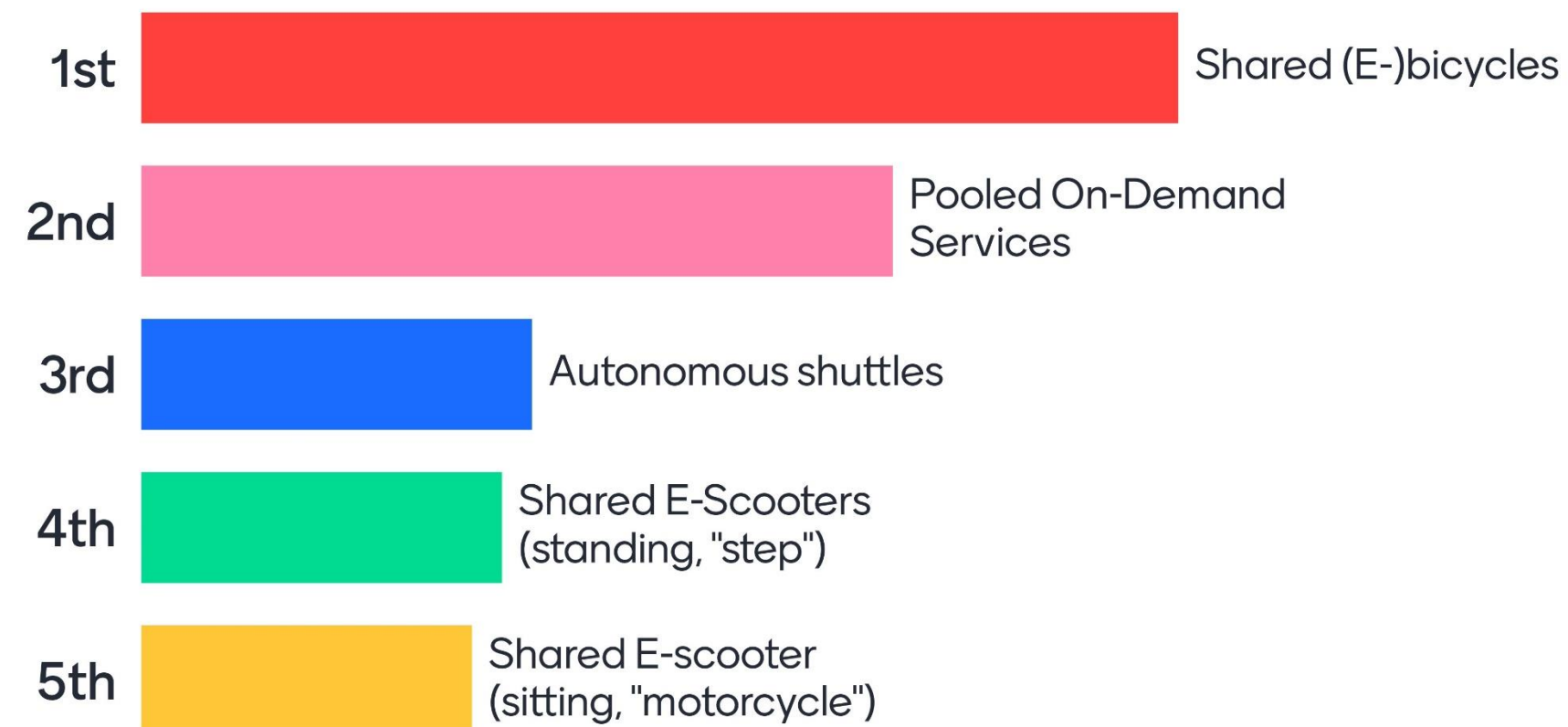
# Most promising?



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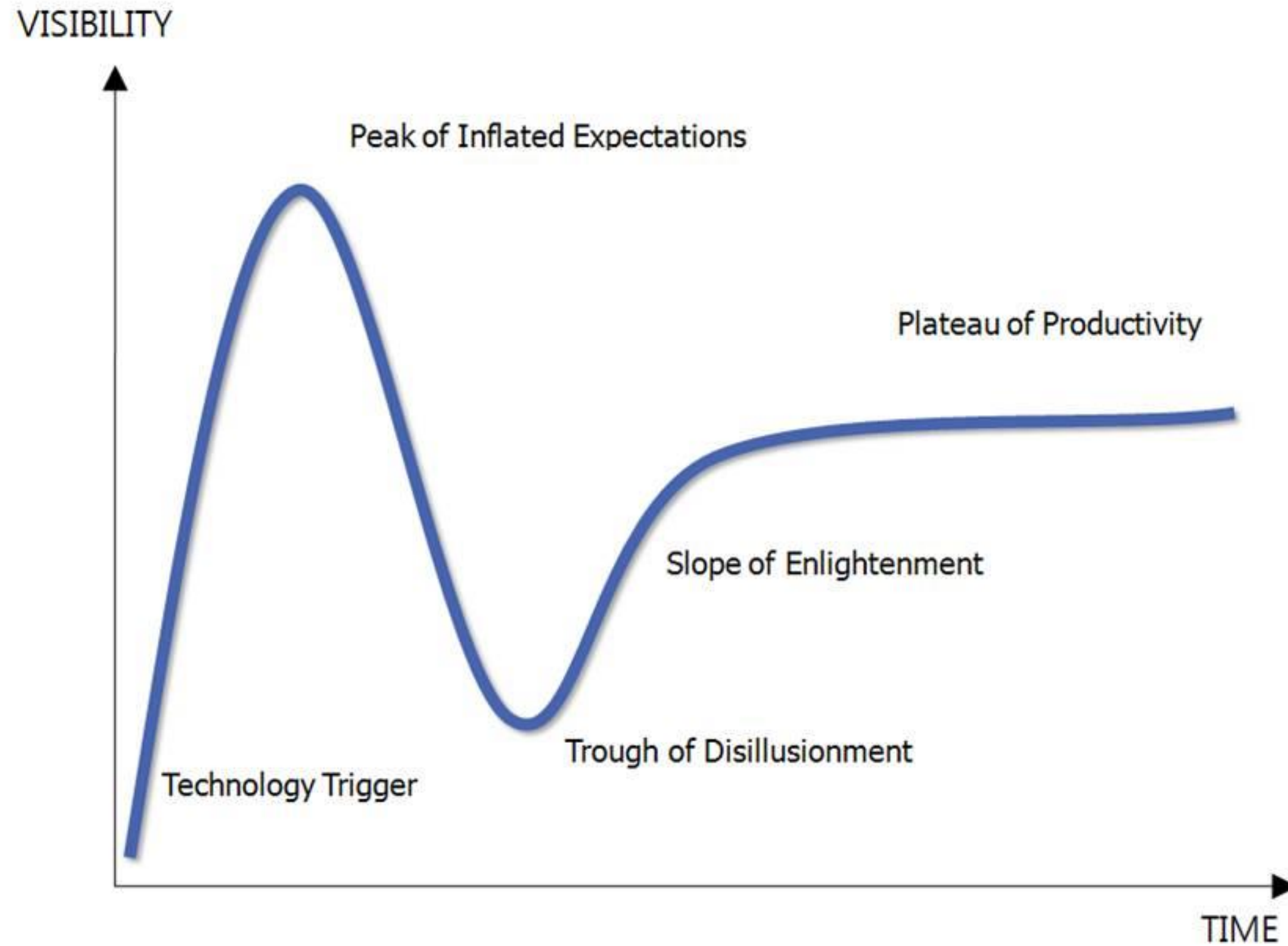
# What is the most promising emerging mode?

Mentimeter



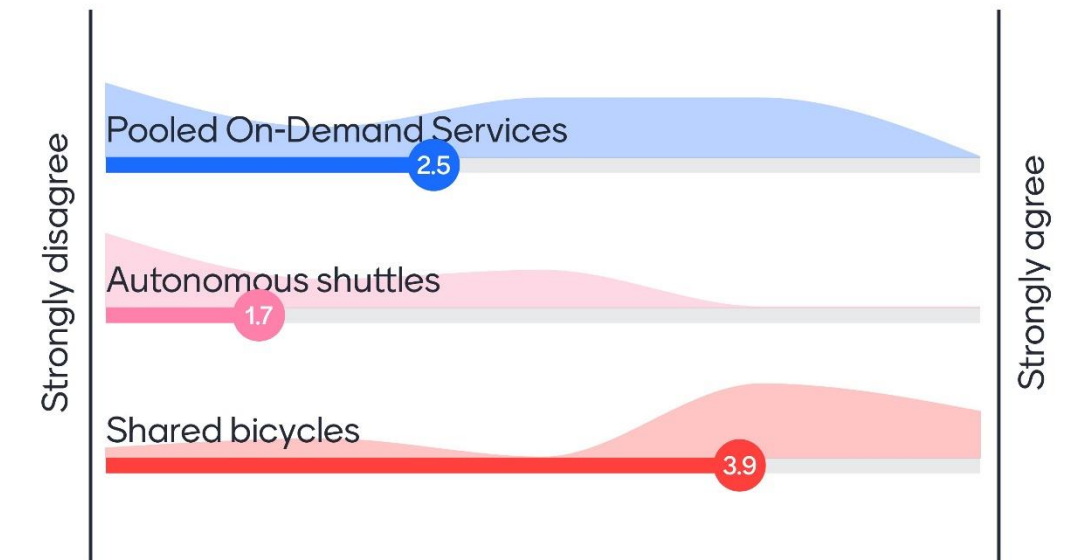


# Hype Cycle



Which stage of the hype curve? (1 trigger; 2 peak; 3 disillusionment; 4 enlightenment; 5 productivity)

Mentimeter



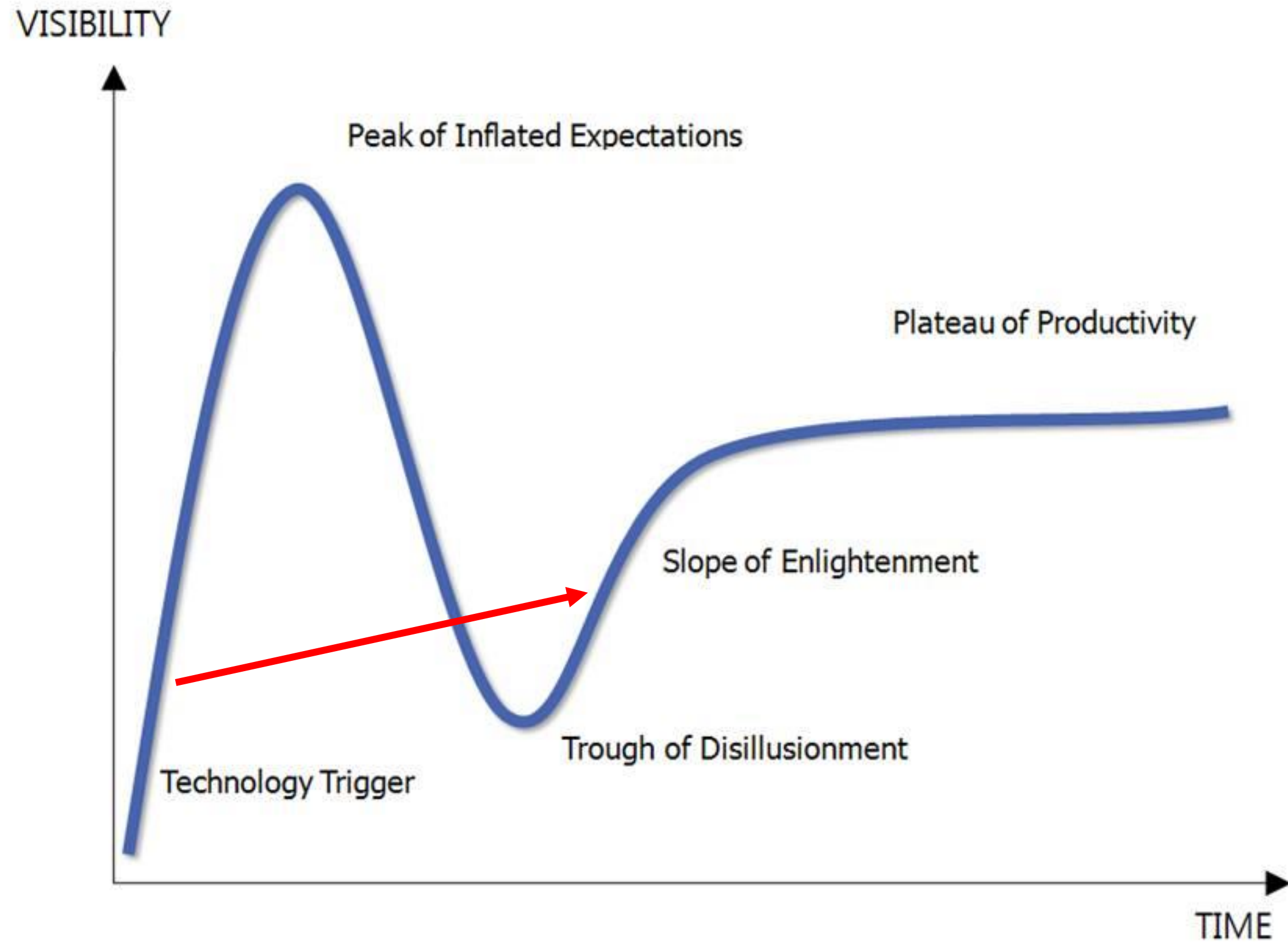
16

# What do you think?





# Hype Cycle



# Research results





# Discussion

Fully disagree (0) -- neutral (5) -- fully agree (10)

Mentimeter

Emerging modes will make public transport redundant

1.8

Emerging modes do offer substantial added value to cities

6.9

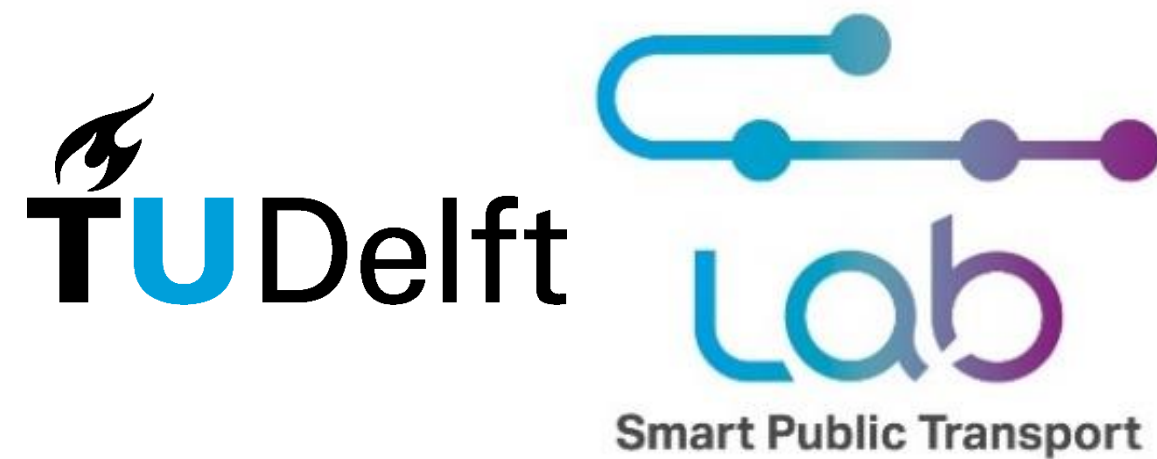
Covid strengthened the need for emerging modes

4.4

# Contact/questions



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