

# CIVITAS

Sustainable and smart mobility for all

2030



## Urban Mobility for the Future

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THE CIVITAS INITIATIVE  
IS CO-FUNDED BY  
THE EUROPEAN UNION

# Content



- About Urban Mobility and impacts of COVID
- About the CIVITAS Research Programme
- Examples of solutions of CIVITAS
- CIVITAS in the Czech Republic
- Conclusions



# Discover your World

University of Applied Sciences  
& Knowledge Institute



**7,367** STUDENTS



**18%** INTERNATIONAL STUDENTS



**17,2%** INTERNATIONAL STAFF



SINCE **1966**

# Bengaluru has world's worst traffic congestion

(Times of India, 2020)

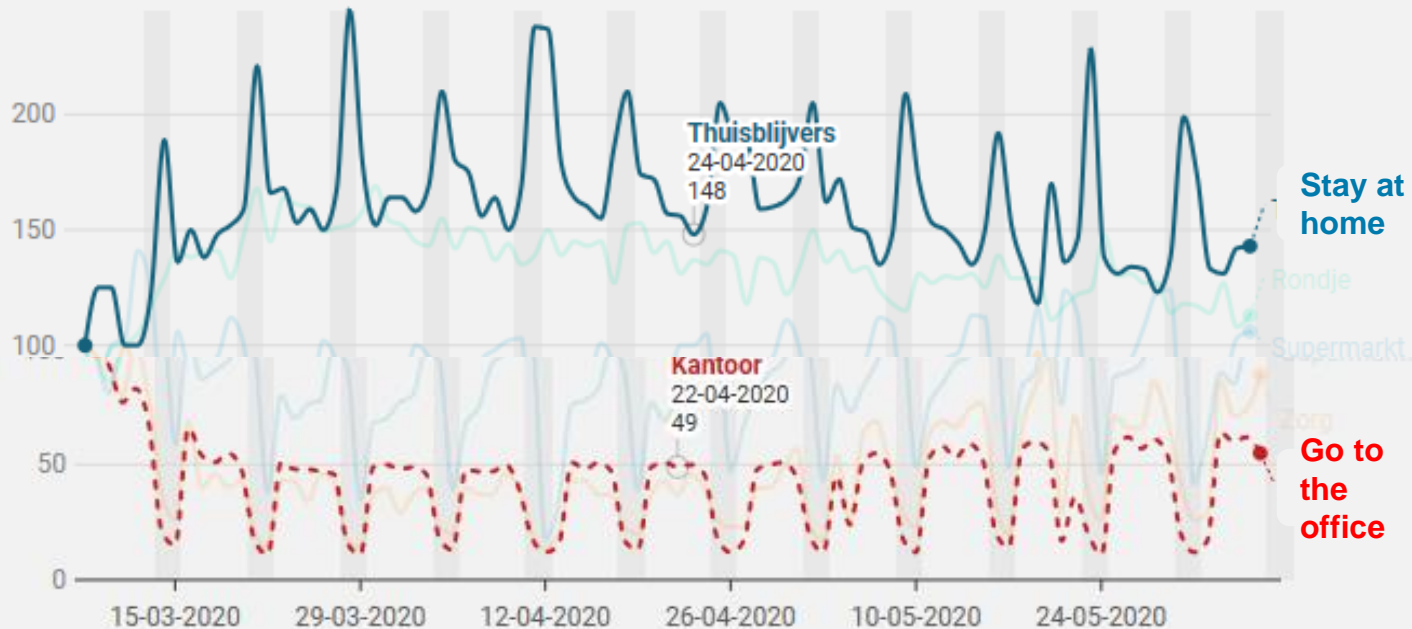


# Utrecht (NL) maybe too successful in cycling?



# Destinations during COVID-19 peak in the Netherlands (1<sup>st</sup> wave of COVID)

Index = maandag 9 maart

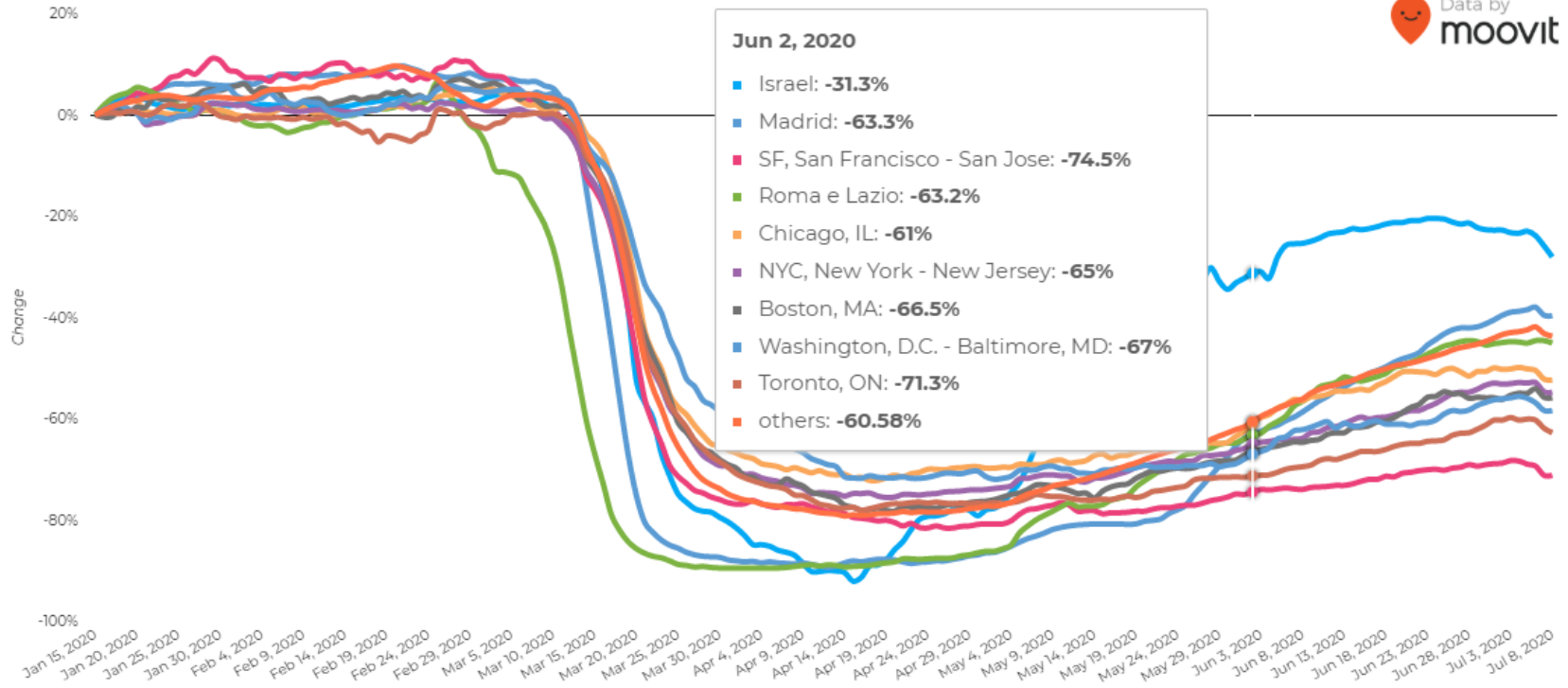


Bron: Nederlands Verplaatsingspanel • Gecreëerd met Datawrapper

# Public Transport usage dropped and partly recovered



Data by **moovit**





## « Corona-lanes »

For example:

Barcelona

Berlin (28km),

Bogota (80km)

Brussels (Centre),

Dublin

Paris/IDF (+650 km)

Lima (300 km)

Milan,

New York (170 km)

Quito (67 km),

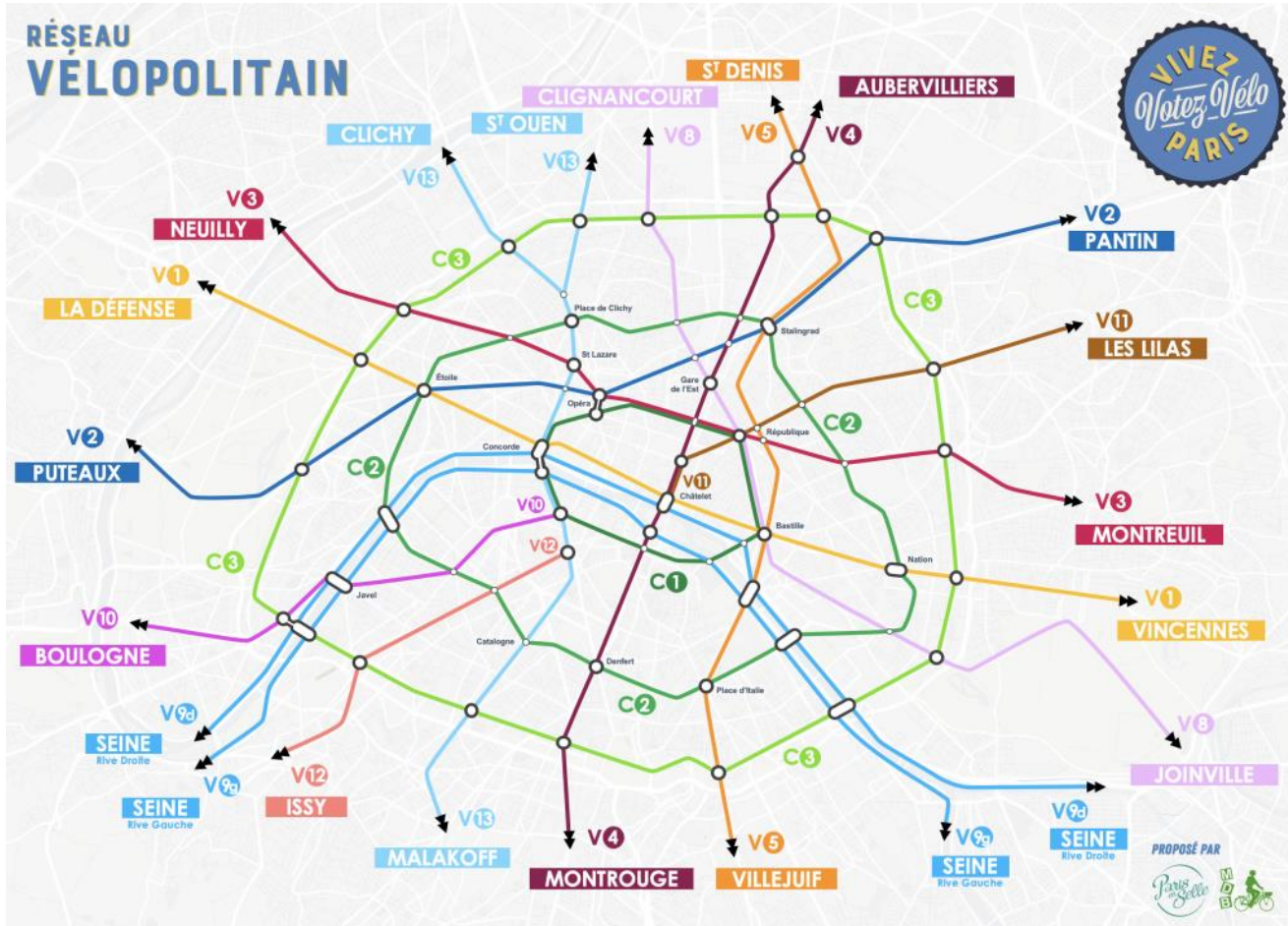
Oakland (126 km)

Philadelphia

San Francisco

Valencia





# Very successful solution to avoid congestion

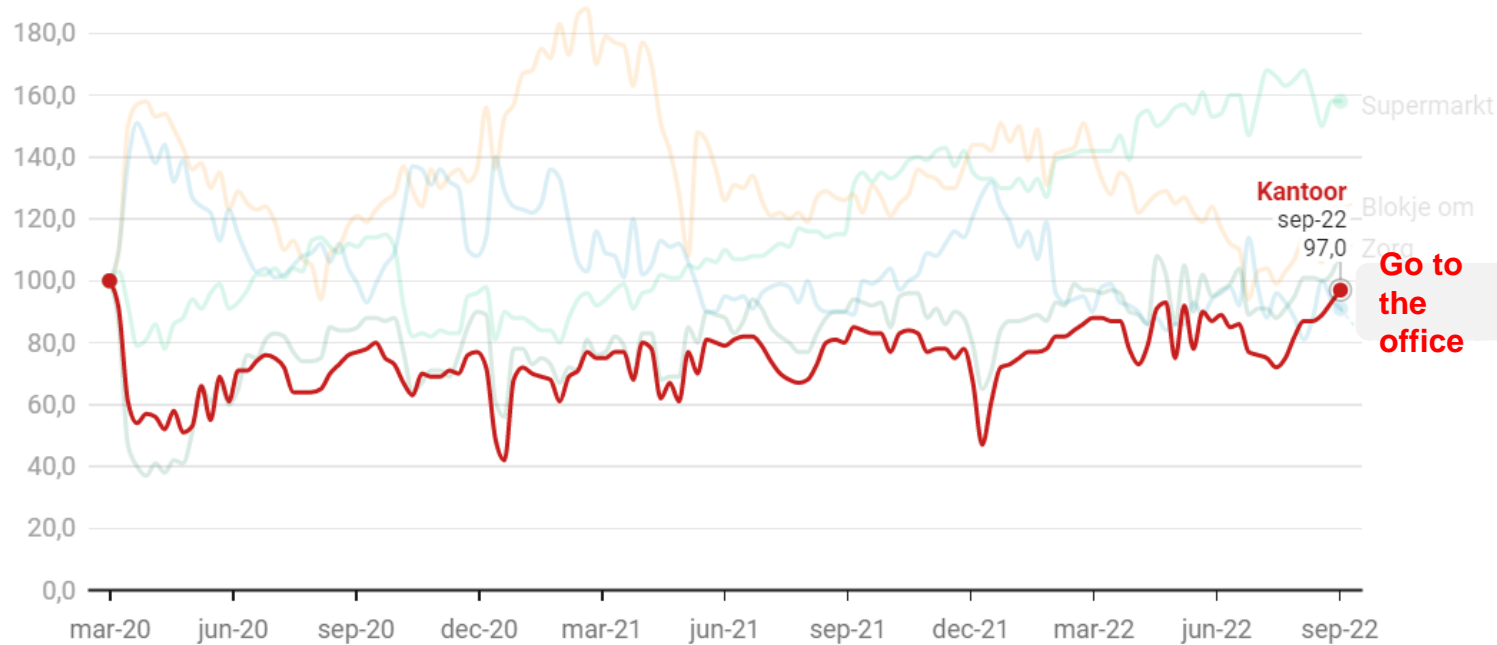


# Activities against isolation and despair



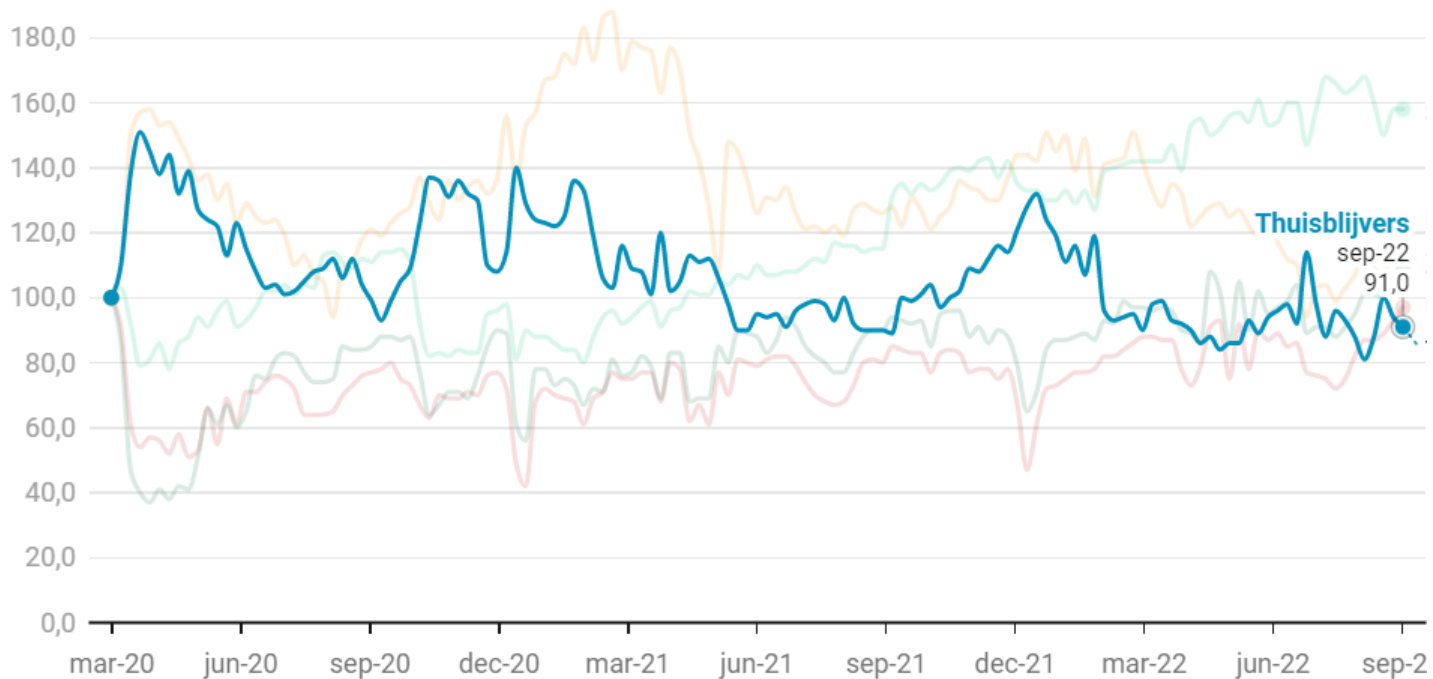
## Destinations during and after COVID-19 in the Netherlands (weekdays) – long term results

Index = week 10 (2 t/m 8 maart 2020)



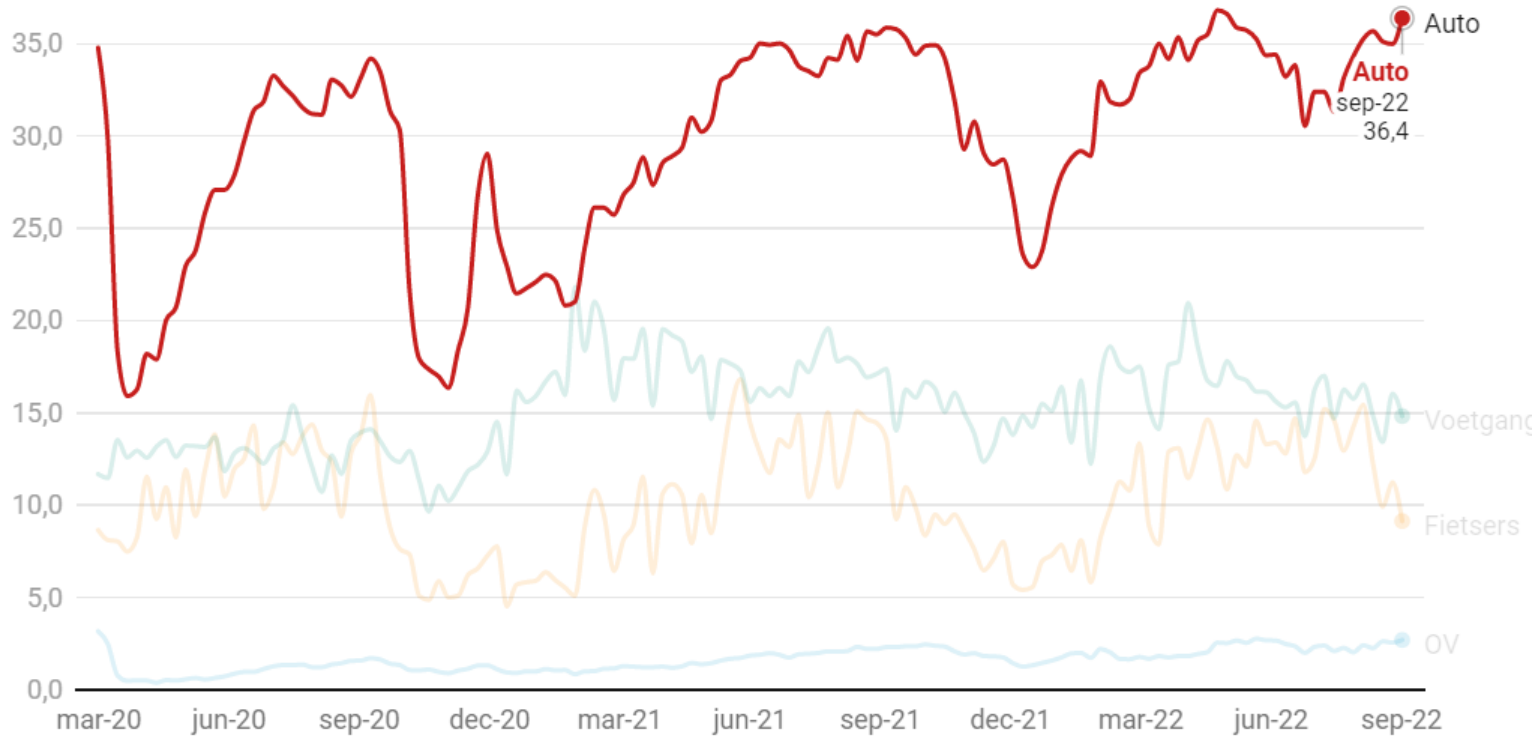
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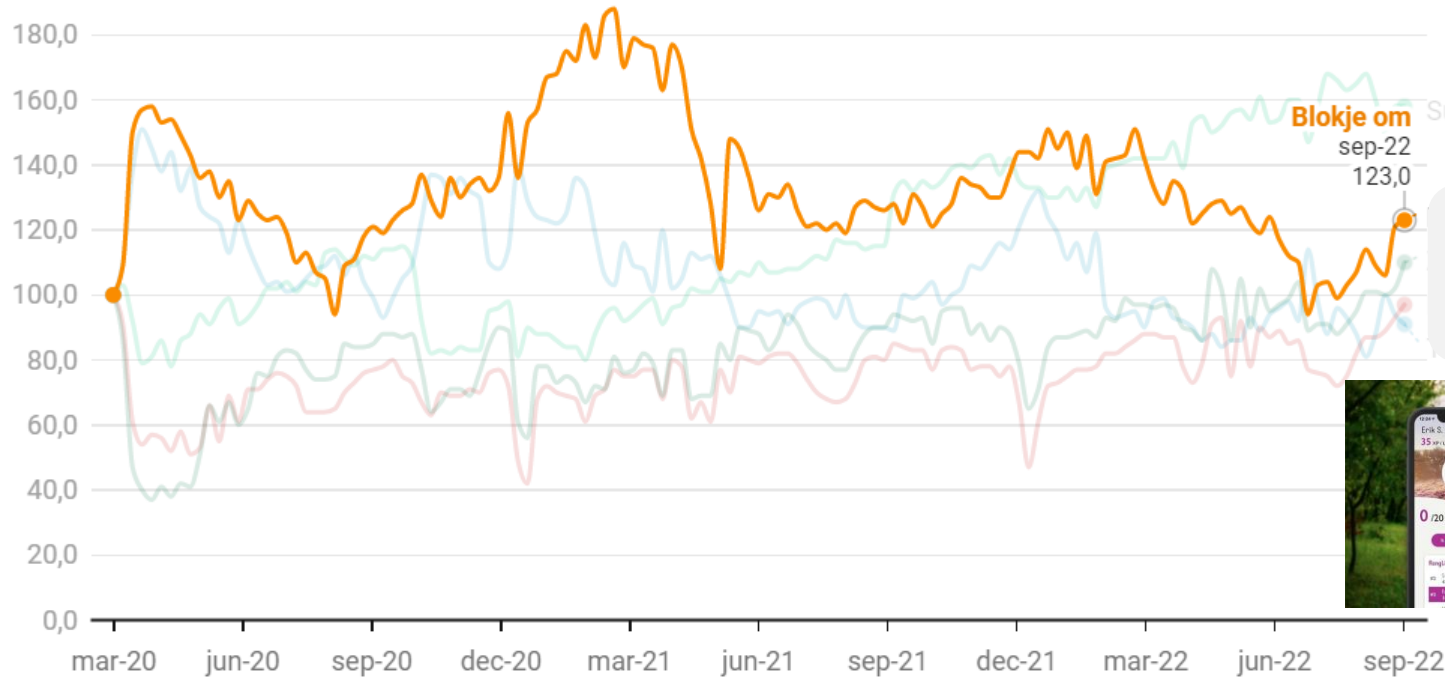
Stay at home

## Average travel time (min) in the Netherlands (weekdays) – long term results



# Destinations during and after COVID-19 in the Netherlands (weekdays) – long term results

Index = week 10 (2 t/m 8 maart 2020)



**Around the block ('Ommetje')**



# First Question

Go to [www.menti.com](https://www.menti.com) and use the code

## What is a good urban mobility measure?

Mentimeter





# Introducing CIVITAS

## The thematic areas



**Active  
mobility**

**Behavioural  
change &  
mobility  
management**

**Clean &  
energy-efficient  
vehicles**

**Collective  
passenger  
transport &  
shared mobility**

**Demand &  
urban space  
management**

**Integrated &  
inclusive  
planning**

**Public  
participation &  
co-creation**

**Road safety  
& security**

**Smart &  
connected  
mobility**

**Urban  
logistics**

**CIVITAS cities have tested +900 mobility measures across 10 thematic areas.**



# Introducing CIVITAS

The Initiative in brief – [www.civitas.eu](http://www.civitas.eu)

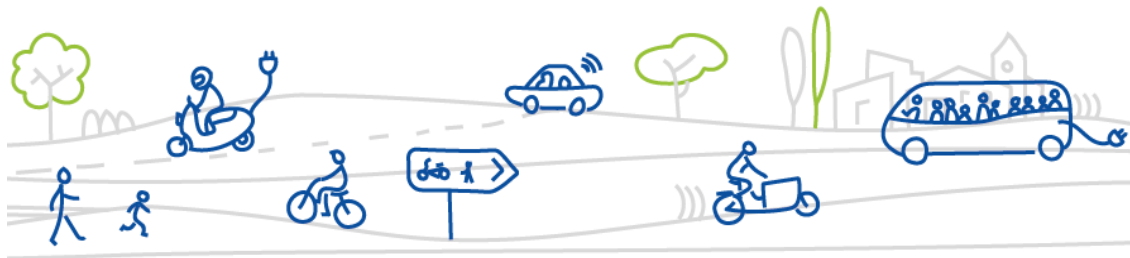


## What is CIVITAS?

- The CIVITAS Initiative is one of the flagship programmes helping the European Commission achieve its sustainable mobility and transport goals.
- CIVITAS is a network of cities, for cities, working to make sustainable and smart mobility a reality for all through peer-exchange, networking, training, and by encouraging political commitment in support of sustainable mobility.

## CIVITAS in four key points:

1. Mobility as part of wider sustainable development goals
2. A network of cities, for cities
3. Living Lab & research projects
4. Fostering political commitment to sustainable mobility

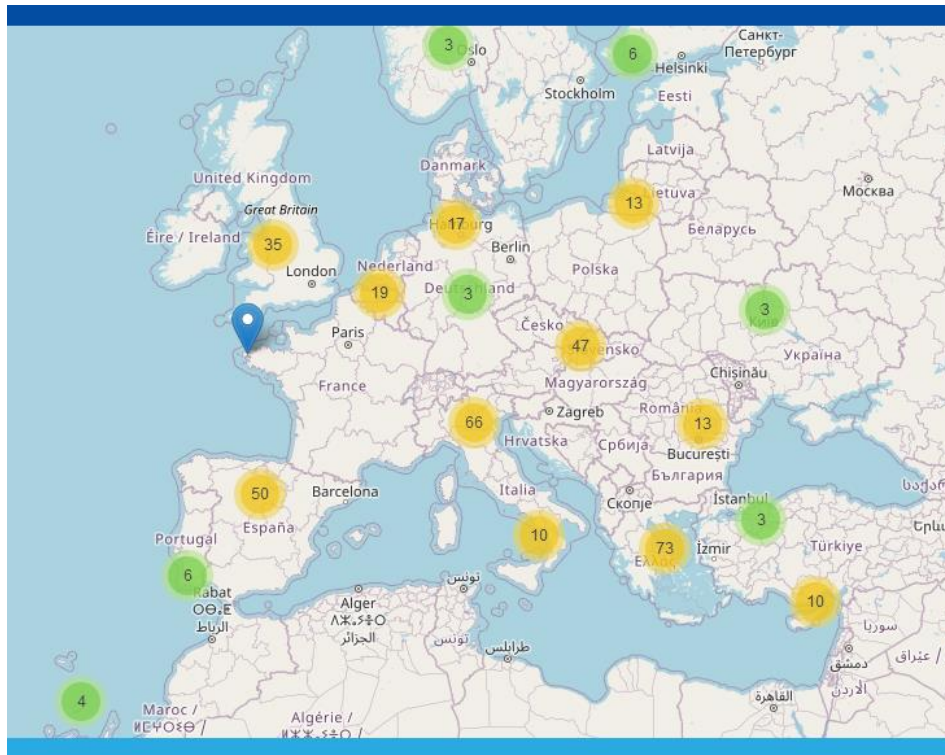


# Introducing CIVITAS

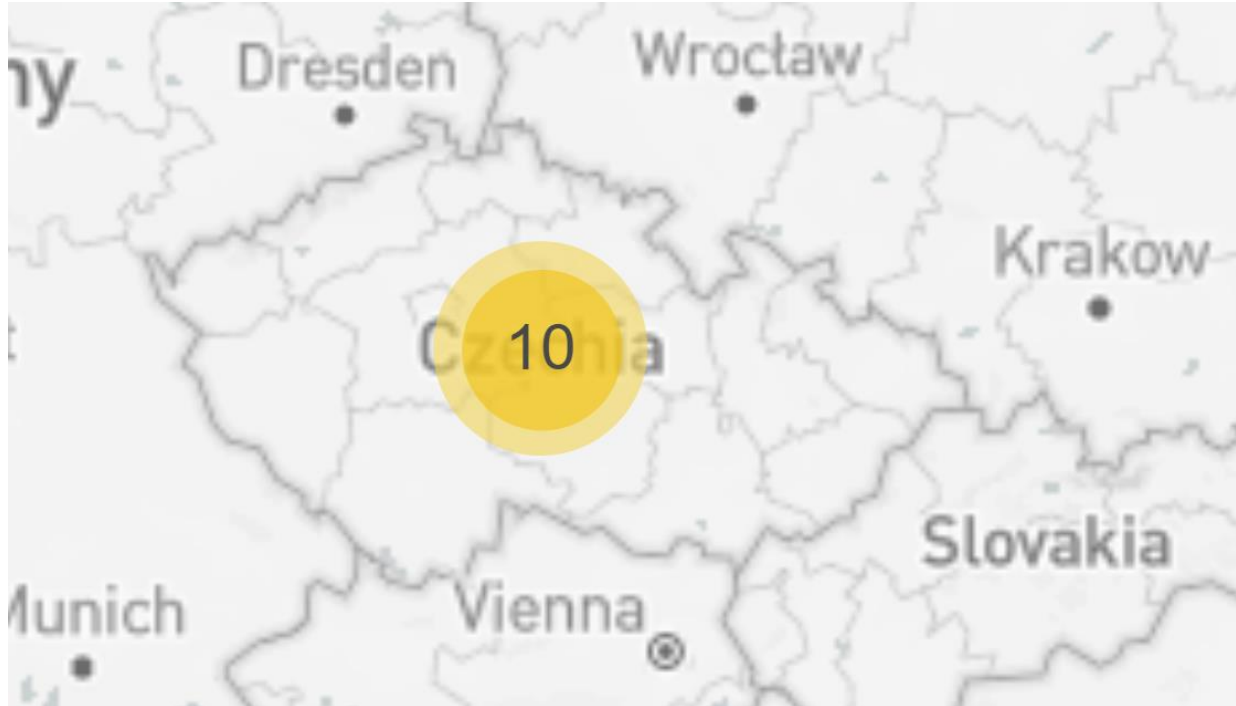
## The CIVITAS Community



**CIVITAS cities** span more than 340 local authorities and 43 countries. To browse the full map of CIVITAS cities, visit [civitas.eu/cities](https://civitas.eu/cities)



# Cities in the Czech Republic in CIVITAS



- Prague
- Brno
- Usti nad Labem
- Olomouc
- Pilsen
- Pardubice
- Hradec-Kralove
- Trebic
- Jihlava



# Introducing CIVITAS

## The projects



### Living Lab projects

Cities test an integrated set of sustainable urban mobility measures, whose complementarity helps cities meet ambitious mobility goals. These measures are evaluated to demonstrate the extent of their potential and impact.

### Research projects

CIVITAS research projects establish new knowledge or explore the feasibility of a new technology, product, process, service or solution. They use a variety of methods and engage interdisciplinary partners to discover new mobility innovation.

### Support projects

Coordination and Support Actions support cross-project coordination, serve as exchange mechanisms and facilitate capacity building – whether for research or Living Lab projects, or focused on certain thematic areas.



# Second Question

Go to [www.menti.com](https://www.menti.com) and use the code

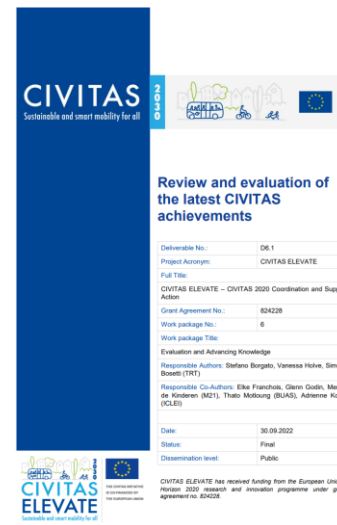
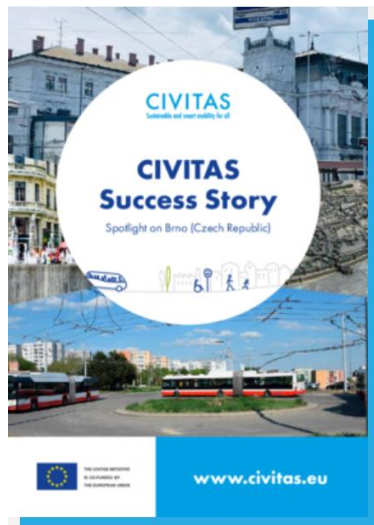


What is a main barrier against sustainable urban mobility?



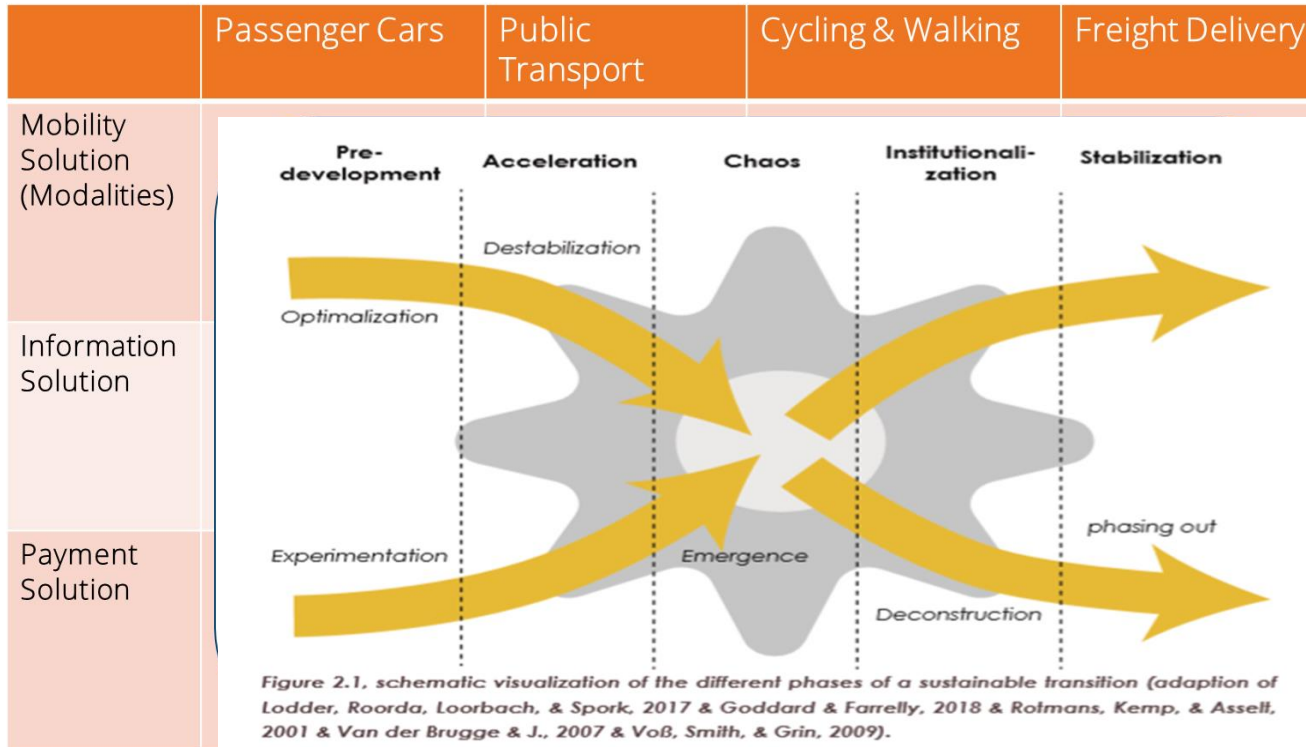
# Sustainable mobility in action

## Browse CIVITAS Success Stories and Topic Guides



# Maybe still missing...

## Topic Guide on New Mobility Services & MAAS





# Next steps to get involved

## CIVITAS activities – [www.civitas.eu](http://www.civitas.eu)



### CIVITAS Forum – the flagship CIVITAS event

- Meet the keenest sustainable mobility minds, debate and exchange ideas on the most urgent topics in the field, and present your sustainable mobility successes.

### CIVITAS National Networks (CIVINETs)

- Engage with local CIVINETs to exchange in your own language and local context on transport policy issues, regulations, and funding.

### CIVITAS Education Network in Urban Mobility

- Team up with Universities across the EU to collaborate on education of future urban mobility practitioners.



# CIVINET Czech Republic and Slovakia



- CDV in Brno is the initiator of the CIVINET CZ/SK
- Bridging the gap between Brussels and CZ/SK (content and language)
- 13 Czech cities and 3 Slovak cities are a member of the CIVINET CZ/SK, + 9 associated members, with some € support from CIVITAS
- Organisation of capacity building events with other CIVINETs
  - Participation in the CIVITAS Forum conference
  - Regional City Exchange Workshop 19–20 September 2022 in Brno
  - Webinars on travel behaviour and SUMP
  - Future of CIVINET (“CIVINEXT’) seminar in Leuven in +/- January 2023



# CIVITAS Catalogue on Education in Urban Mobility



32 institutes | 72 offers  
19 countries | 27 cities

The map on the right pinpoints all of the cities where the universities presented in this catalogue are located.

Chapters 2 presents a summary of all study offers per country, Chapter 3 presents a summary of all study offers per type.

The summary tables in chapters 2 and 3 feature the names of the study programmes (underlined) which when clicked, guide you directly to the fact sheet of the selected offer.

Chapter 4 presents the university fact sheets with more detailed information about each study offer.



## CZECH REPUBLIC

University name	City	Type of offer	Language(s)	Duration ECTS
University of Jan Evangelista Purkyně	Ústí nad Labem	Bachelor's course in <u>Mobility within Territories: management and innovation</u>	English	1 semester 2 ECTS
		Master's online course in <u>Applied Economics in Public Services</u>	English	1 semester 4 ECTS
		PhD degree in <u>Regulation and Behavioural Studies</u>	English Czech	4 years
University of Pardubice	Pardubice	Master's degree in <u>Transport Operations Management</u>	English	2 years 120 ECTS
		Master's degree in <u>Rail Vehicles</u>	English	2 years 120 ECTS
Czech Technical University in Prague	Prague	Master's degree in <u>Technology in Transportation and Telecommunications: Intelligent Transport Systems</u>	English	2 years 120 ECTS
		Master's degree in <u>Smart Cities</u>	English	2 years 120 ECTS
		PhD degree in <u>Transportation Systems and Technology</u>	English	N/A
		PhD degree in <u>Logistics and Management of Transport Processes</u>	English	N/A
		PhD degree in <u>Smart Cities</u>	English	N/A



# Some conclusions



- Urban life primarily social, and only secondary regarded as a technical and logistic problem.
- Build strong partnerships between the city, the research sector, the industrial sector and the population (quadruple helix).
- Aiming for sustainable urban mobility MUST include policies to reduce single car use in cities („the elephant in the room“), regardless of *whether they are traditional, electric, or automatic*. Space for private (car) mobility must be decreased (now 20-25%) if you want to achieve liveable cities.
- Local situations require local solutions, there is no one size fits all.
- Dare to experiment with new types of solutions (new services, drones?, etc.) CIVITAS is a perfect programme for that purpose.
- We do not necessarily lack data, knowledge or money. What we need is more courageous politicians to decide on bold measures (access, pricing, etc.)



**Děkuju!**

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