



## SocialCar

public transport + carpooling + social media crowd sourcing

Tjalle Groen – 09/05/2017



Do more with less, since 1975

A wide variety of services.

# Share to impact



## Carsharing between individuals

Have you ever considered starting a private carsharing group to share the costs, use and maintenance of a car? Cozycar, co-funded by Taxisstop and Autodelen.net, can assist you.

 [cozycar.be](https://cozycar.be)

# Share to impact



## Focus on people!

A Less Mobile Service connects people with a mobility need to voluntary drivers in order to meet their needs. You probably know someone who can no longer move independently due to age or another cause? Maybe your municipality also offers a Less Mobile Service

[mindermobielencentrale.be](https://mindermobielencentrale.be)

# Share to impact



## A unique vacation!

Do you dream of travelling the world at a small price while enjoying the comfort of your own house? Homelink will definitely seduce you! Exchange houses with another family and enjoy an exceptional vacation.

 [homelink.be](https://www.homelink.be)



# Share to impact



# carpool.be

## Share your rides!

Through Carpool.be you can find a carpool partner for regular or single rides. Why carpool? By carpooling, your journey will become more pleasant, more economic and more ecologic. Register and find travel partners instantly, both for commuting to work and holidays outside the country.



# Share to impact

We provide an answer to a social demand from a sustainable perspective. Doing more with less.

Discover the positive impact of sharing on your daily life!

# Share to impact

Taxistop is a team of 30 people working from the 3 districts of Belgium



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## Office Brussels

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B-1000 Brussel  
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## Office in Gembloux

Rue Buisson Saint  
Guibert 1b  
B-5030 Gembloux



# Share to impact

Taxistop is involved in multiple European projects.

Sharing our know-how in Shared Mobility



## CHUMS

Taxistop offers a unique promotional campaign for carpooling to some companies in Leuven. This campaign helps them develop...

[> know more](#)



## Care-North

Care North+ is an InterregIVB, North Sea regional program, and a sequel of Care North: "Carbon responsible strategies..."

[> know more](#)



## Sharefest

Sharing goods and services in your neighbourhood! Did you already



## NweRIDE

NweRIDE is a European INTERREG IVB NWE-project that wants to increase

What about SocialCar?  
#RideMyRoute



# What is SocialCar

SocialCar is a Horizon 2020 research and innovation project.

Assimilate carpooling into existing mobility systems.

Using powerful planning algorithms.

Integrating big data from public transport, carpooling and crowd sourcing.



# Advantages of SocialCar

SocialCar will optimize access to public transport services.

Using a variety of modes :

car , carpooling, biking, bike sharing, walking, taxi and other on-demand services.

There are multiple ways to reach your destination, let SocialCar give you the optimal route.



# Advantages of SocialCar



solo car use

Anna's estimated  
travelling time: 1 hour 5 min.



conventional trip planner

Anna's estimated  
travelling time: 1 hour 15 min.



SocialCar use

Anna's estimated  
travelling time: 40 min.

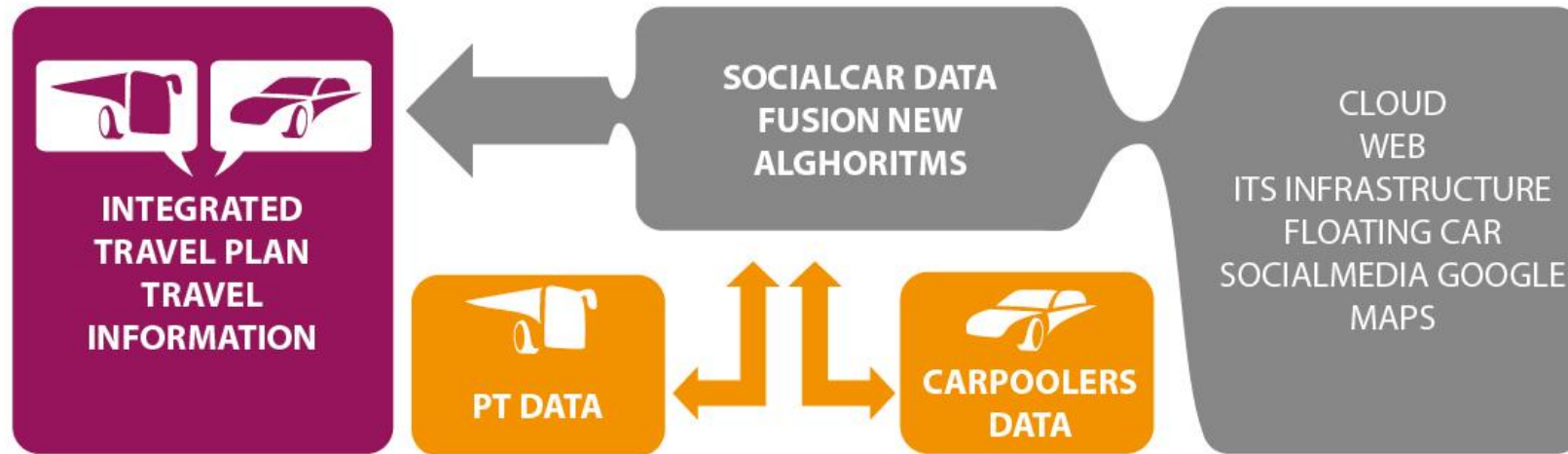


# The test phase

Brussels (BE)  
Brescia (IT)  
Canton Ticino (CH)  
Edinburgh (UK)  
Lazio Region (IT)  
Ljubljana (SLO)  
Luxembourg (LU)  
Skopje (MC)  
Turin (IT)  
Zagreb (HR)



# How



# Getting the Data

## Open Data

Data portals

(Bike sharing, Taxistands, Car sharing, ...)

GTFS from PT providers

## Real Time

MIVB/STIB & NMBS

Traffic information

# Integrating Carpooling

## Challenge :

Handle Carpooling data from different cities/countries  
Different providers = Different data structure

## Solution :

Roadmap for sharing data  
Extending the RDEX protocol  
Internal carpooling system



# Generating data

Analysing the location / behaviour data of users

Using big data methods

Optimizing the user experience

# Can I trust my ride

Trust is a major part of SocialCar

- Advanced rating system
- Reputation based matching
- Confirming Identity
- Real time tracking – where is my ride

# Roadmap

Currently :

- Beta version of the App

- Testing with stakeholders

- Developing & testing of algorithms

End of summer :

- Real life testing in Brussels, Edinburgh, Ticino & Lublijana

Do you want to be involved in testing? Let me know

# The results

## Expected results of the research Project

- RideMyRoute Application  
test - Google Play : “Cities Share, Passengers Enjoy”
- Open Source Framework
- API
- Business & Investment strategy



Thank you!

Want some more info?

**Taxistop :**

[www.taxistop.be](http://www.taxistop.be)

@Taxistop\_BE

**SocialCar :**

[www.socialcar-project.eu](http://www.socialcar-project.eu)

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