

# Mobility as a Service – The End of Car Ownership



616€ 76%

4%

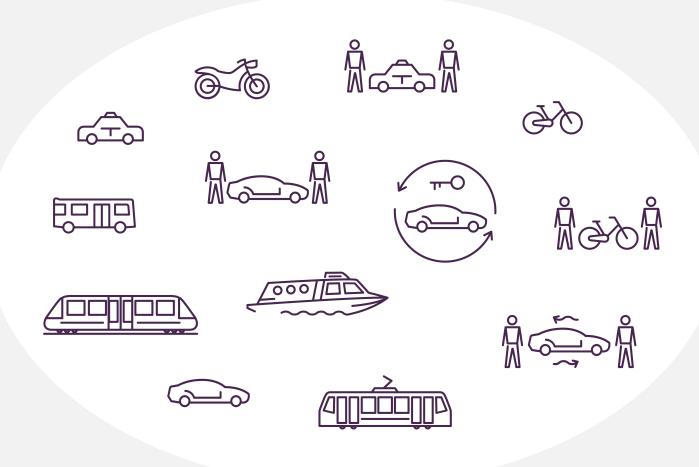
The European monthly average cost of owning a car. Private car share of all transportation costs

Private cars in use during their life cycle



### What if all transportation was converged...

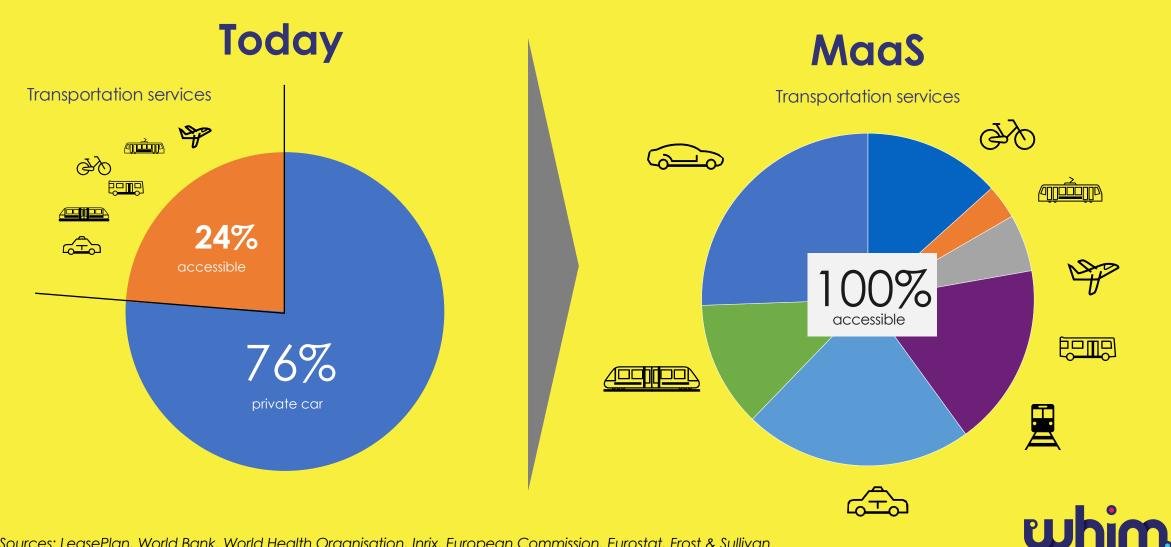
### ...and tailored to your need as monthly packages?







### Goal is to grow to usage of services



# Your global roaming subscription: better than owning a car



Today:
Ownership model with all related inconvenience



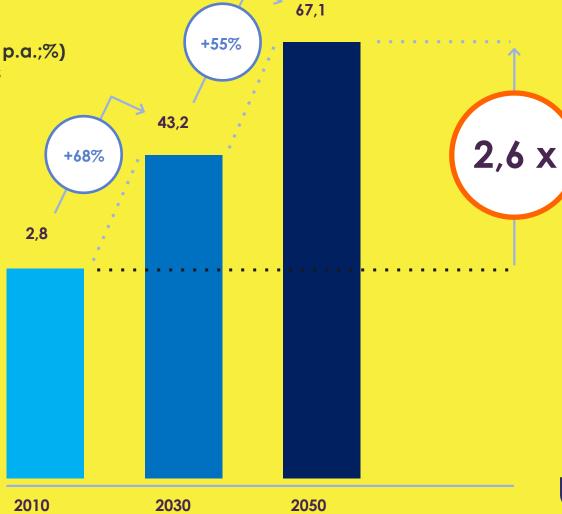
Tomorrow:
Ultimate freedom with variety of services worldwide \_ \_ \_ \_\_\_\_\_



More **people**, more **traffic**, more **needs**, more **impacts** 

Urban mobility demand 2010-2050 (trillions pkm. p.a.;%)

PKM = Passenger-kilometre travelled by passengers on transit vehicles













Car

al Cityk

1 app,1 registration,1 payment









**Public transport** 



Taxi rides



Cars



City bikes







In-app Payments

Pay As You Go
Monthly
Subscription

### Mobility as a Service is the Netflix of transportation



#### Pay as you're moved:

- Bike and segway service included
- 20 cents per minute in vehicles with others in
  - 30 cents per minute for a nice car
- 50 cents per minute for a personal driver
  - Only vehicles that use renewable energy

#### 15 minutes package for 135 € / month:

- 15 minutes from call to pick up with no more than 15 minutes delay compared to driving.
- No parking hassle





- 5 minutes pickup in all EU
- Black car status everywhere
- Working conditions guaranteed



#### Family package for 1 200 € / month:

- Enough space and child seats guaranteed
  - Always traceable and safe trips for kids
- Includes one long family trip every month
- Home delivery included



- All your rides combined
  - Morning tea included
- Tinder extension for a great weekend
  - Movember special rides





### Mobility as a Service is the **Netflix** of transportation



#### Light

/month

includes HSL Helsinki season ticket

1.000 Whim points

Use your Whim points as you like, for example:



Taxi trips (~10 km/trip) daytime





**Unlimited** local public transport

#### Medium



Limited Offer:

/month

includes **HSL** Helsinki season ticket

5.500 Whim points

days

with a

Use your Whim points as you like, for example:



Taxi trips

(~10 km/trip)

daytime





**Unlimited** local public

transport rental car

#### **Premium**

317€ /month

includes **HSL** Helsinki season ticket 8.000 Whim points

Use your Whim points as you like, for example:







Taxi trips **Unlimited** local public (~10 km/trip) daytime transport

days with a rental car

**Try Whim without** commitment and upgrade whenever you like.





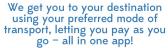
Transport providers:





















### Public transport is the backbone of MaaS



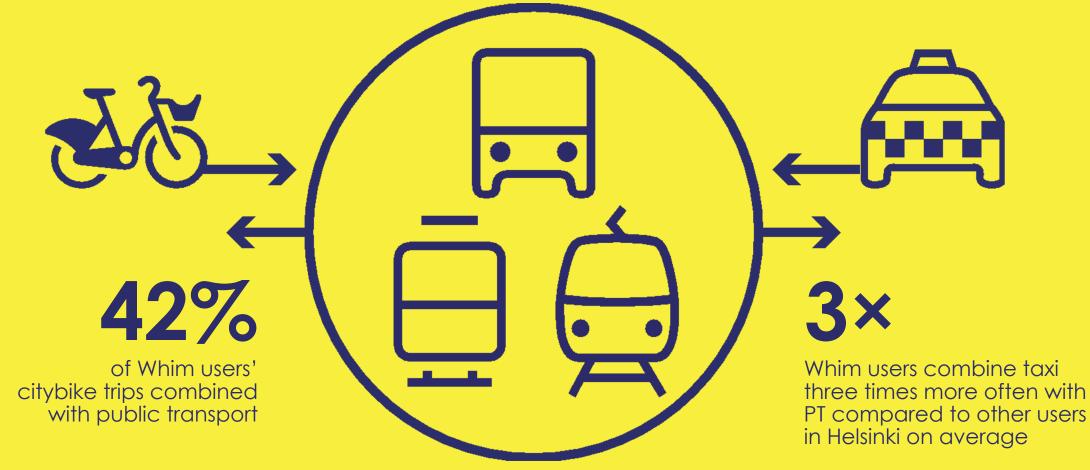
trips per day with public transport by Whim users



trips per day with public transport by Helsinki residents on average



### Whim is truly multimodal

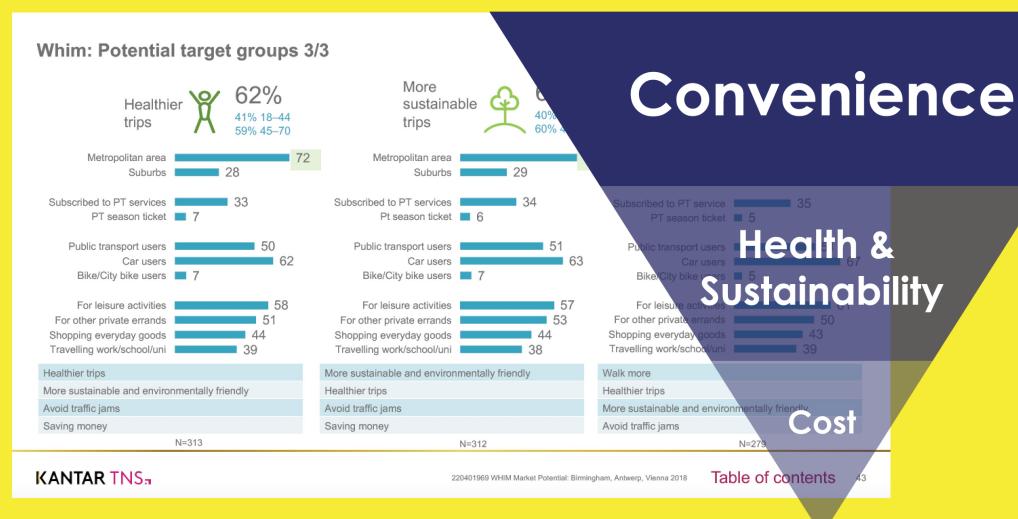




### Clear intent from customers



### Trigger motivators among early adopting population





# BUT...



I'll use when Can I use this shared cars Monthly ticket already in are available I could use this other city? instead of as an employee single tickets! benefit Shouldn't need to buy Monthly ticket for single tickets longer than 1 More paying month at a time options, please Does not work More service where I live Family options Would like to currently package pay my parking with Whim

### Users dictate services

It's what the consumer feel that matters.

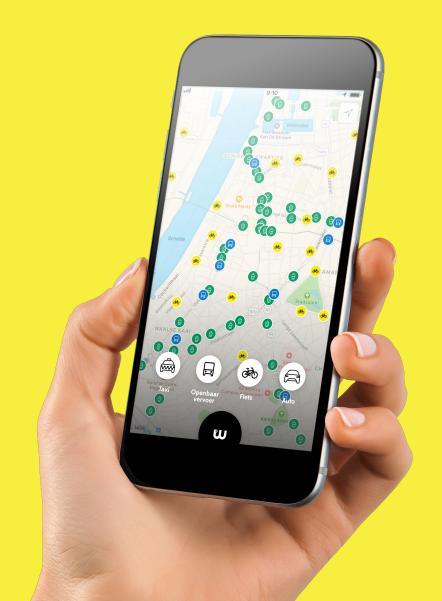
Not what we as a company or all of us as an industry are most comfortable with.





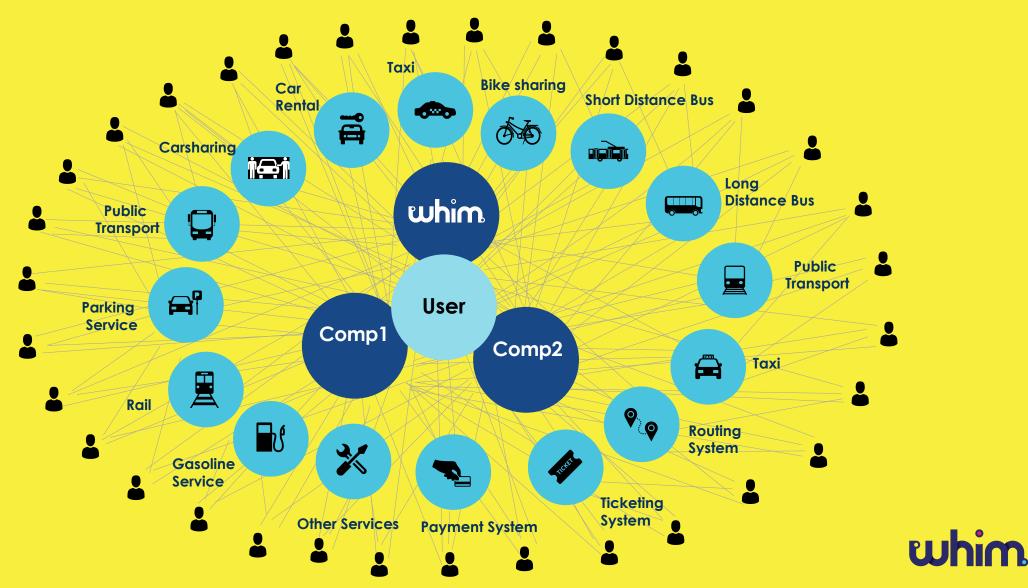
### Customer deserves

- Everything from onestop-shop
- Choice of an operator
- Roaming subscriptions





### Open ecosystem, not an Egosystem



### How markets can evolve?

#### **Every provider** Winner **Public transportation Open Ecosystem** has their own ecosystem takes it all takes it all **Customer choice** Public whim Uber Mobility as transport a service Tram Train (Aggregators) Public Taxi Scooters Tram transport ATO Bike Private Bike **Transportation** Tram Private Bike Tram Private Tram Taxi Bike sharing sharing sharing providers Taxi car Taxi sharing Train sharing sharing Car rental AD) ATO Car Bike Train Bus Car Train Bus Car Train Bus Car Taxi Bike Bus sharing sharing sharing rental rental rental sharing Taxi ATO ATO Citybike Citybike



2050

#### **BUSINESS AS USUAL**

2.1 billion



4600 megatonnes



#### **ELECTRIC AND AUTONOMOUS**

2.1 billion



1700 megatonnes



#### **SHARED AND MULTIMODAL**

0.5 billion



700 megatonnes



# Thank you!

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