

FACTUAL

A pathway towards MaaS level 4

Current situation: the world has changed



Targeted
subsidies

Modular

Integrated

Flexible

"With all Covid-19 travel restrictions lifted in western Europe, public transport traffic has surpassed 80% of pre-pandemic levels. But large differences among countries remain. While government initiatives in France and Germany have boosted the use of public transport, the UK and Netherlands have been impacted by work-from-home policies".

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The 9-euro ticket was a success for Germany, research shows. What's next?



Resources available

Subsidies are inherent to PT; in fact, they are its defining feature. PT is composed of those mobility services that receive resources from a Public Transport Administration (PTA) to lower the price that users have to pay for them

Barcelona, subsidies account for 50% of the cost of providing services of TMB (the main local operator of PT, basically metro and bus services) and this amounts to approximately 500M Euro per year out of the 1000M operational expenses budget of TMB.. In the US, subsidies can amount to between 30 and 90% (see here). In LMICs -Low- and Middle-Income Countries- this figure is probably lower

Increased efficiency in the way subsidies are distributed can open the door not just to increased savings for public authorities, but, more importantly, to a much more equitable and efficient mobility in European cities. –impact on urban mobility as a whole



What are subsidies?

UNIFORM SUBSIDIES

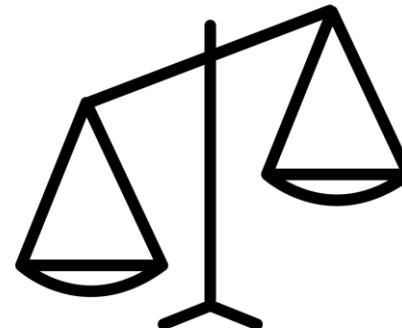
Block subsidies that are given directly to a (most often, public) transport operator to cover operating costs.



UNDIFFERENTIATED

TARGETED SUBSIDIES

- Categorical: they benefit a category of users.
- Geographical: they benefit users living in certain areas or more precisely using PT in certain areas. Typically, rides in suburban areas are more highly subsidized than inner urban ones.



BENEFIT SPECIFIC GROUPS

FACTUAL

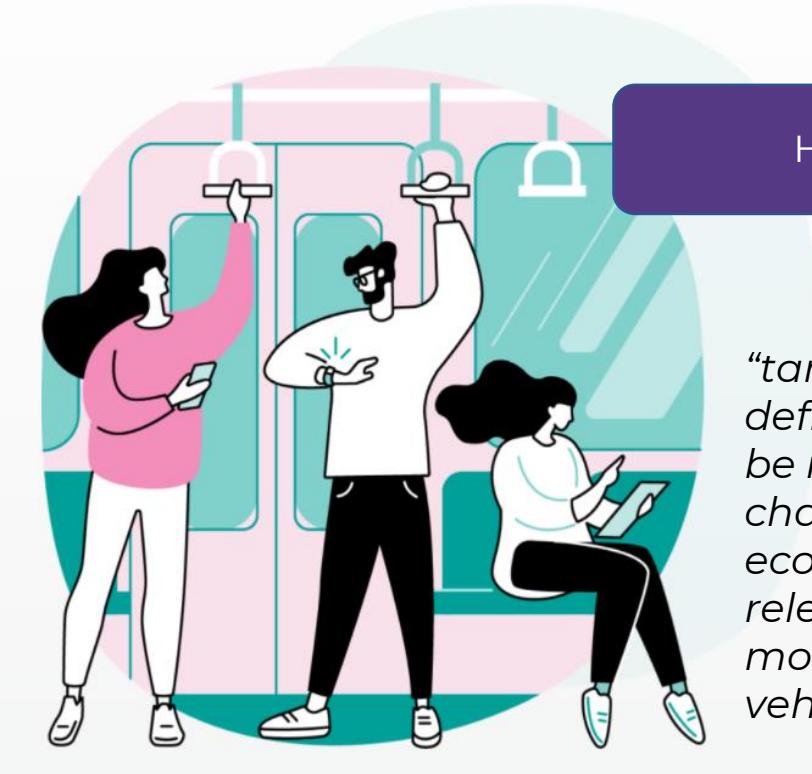


Increased efficiency in the way subsidies are distributed can lead to:

1. Savings for public authorities
2. More equitable and efficient mobility in European cities.

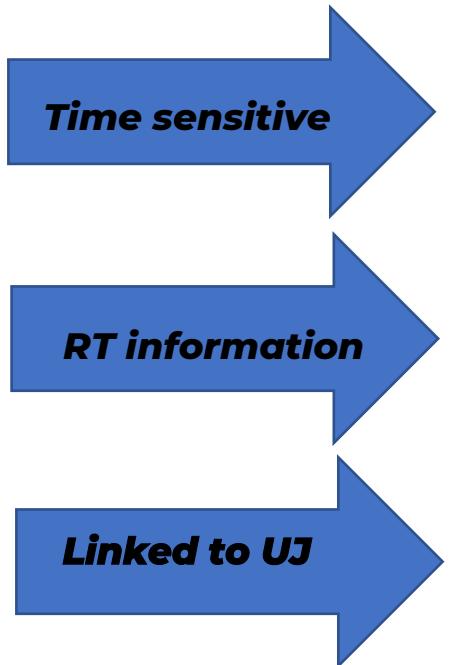
Resources optimization

Subsidies can pave the way to microsubsidies



Higher rate of Efficacy

“targeted subsidies down to the level of very narrowly defined categories or even individual users that can be modulated according to categorical/personal characteristics (age, income, disability, socio-economical groups –like unemployed-, etc) and any relevant feature of the journey (like time, geolocation, mode of transport, type of motorization of the vehicle, occupancy, etc).”



Microsubsidies open the door to a whole new approach in subsidies policies

Incentives vs desincentives

Are we considering the whole set of options available?



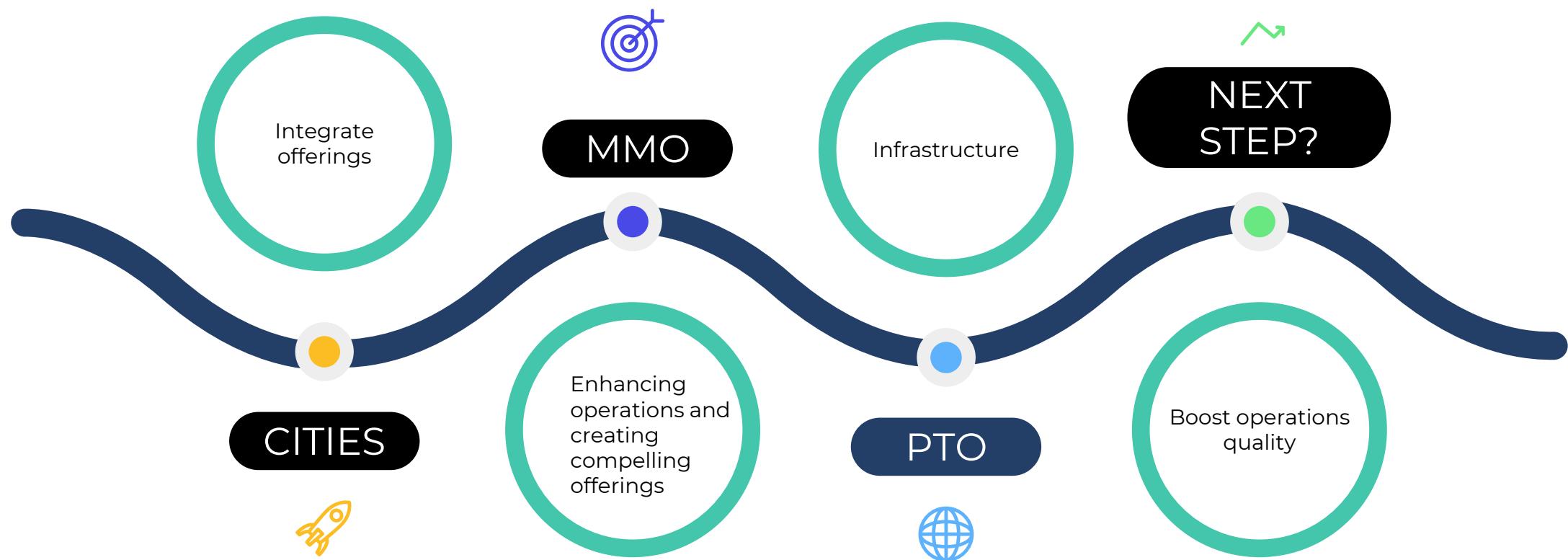
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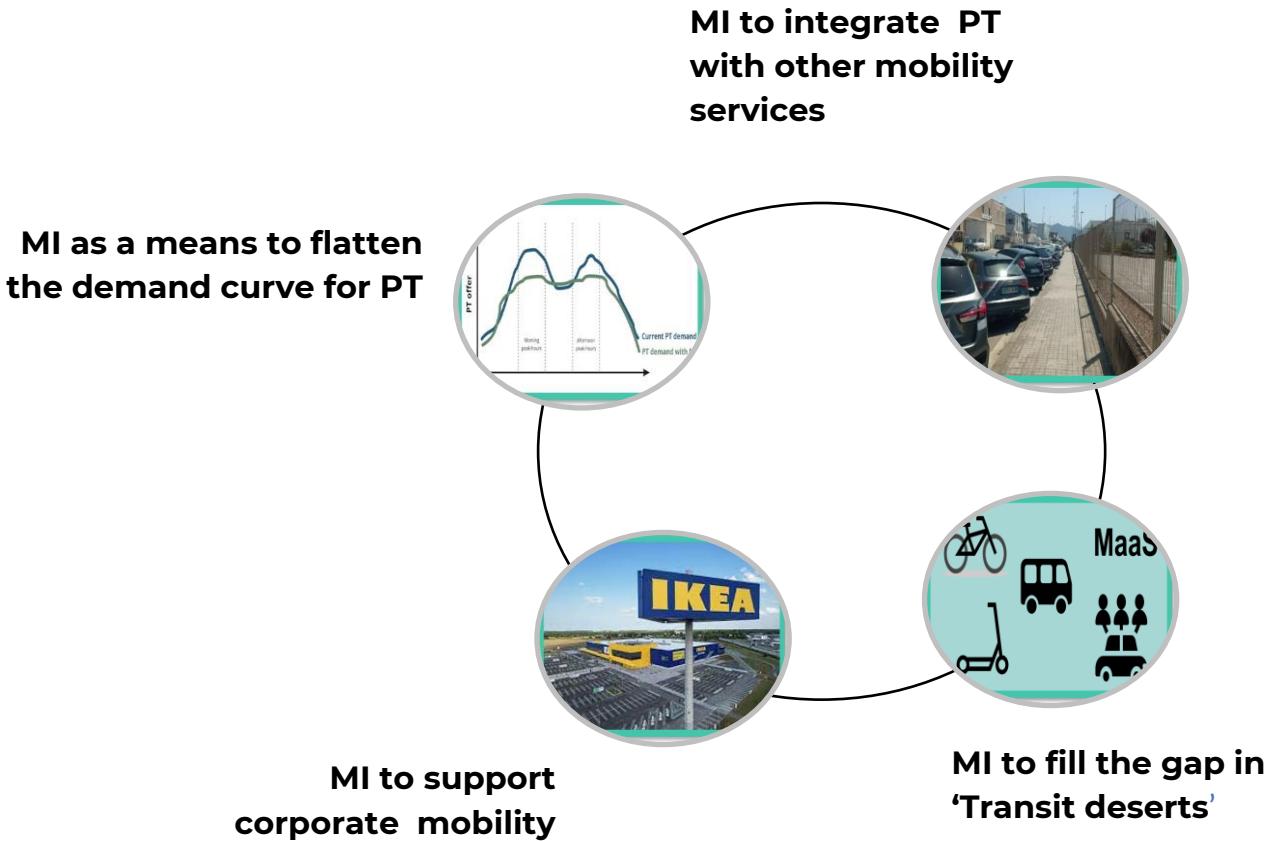
Social goals such as reducing emissions, reducing congestion or improving road safety can be reached through disincentives.

The implementation of which largely depends on political will more than on technology.

Cooperation is needed



Microincentives potential



At FACTUAL we have been working on a way to both engage users and reach MaaS Level 4 faster and smoother

OUR SOLUTION



Our own tool to manage microincentives

Manage, implement, control, analyze, adjust
microincentive programs in real time

CONTROL CENTER

- HOME
- SUBSIDIZERS
- RIDE PROVIDERS
- PROGRAMMES
- SIMULATION ^
 - SIMULATOR
 - DATA GENERATOR

jose.gutierrez@keita.mobi

Logout

Programmes > Programme Shared bike user-help distribution

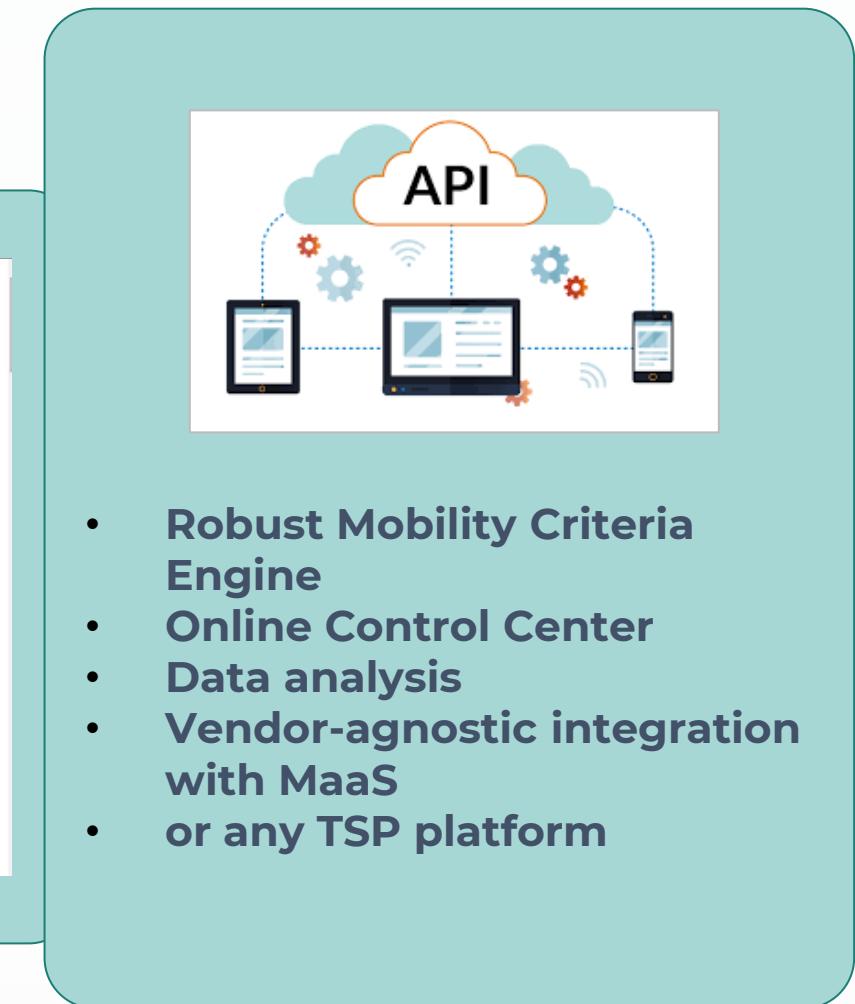
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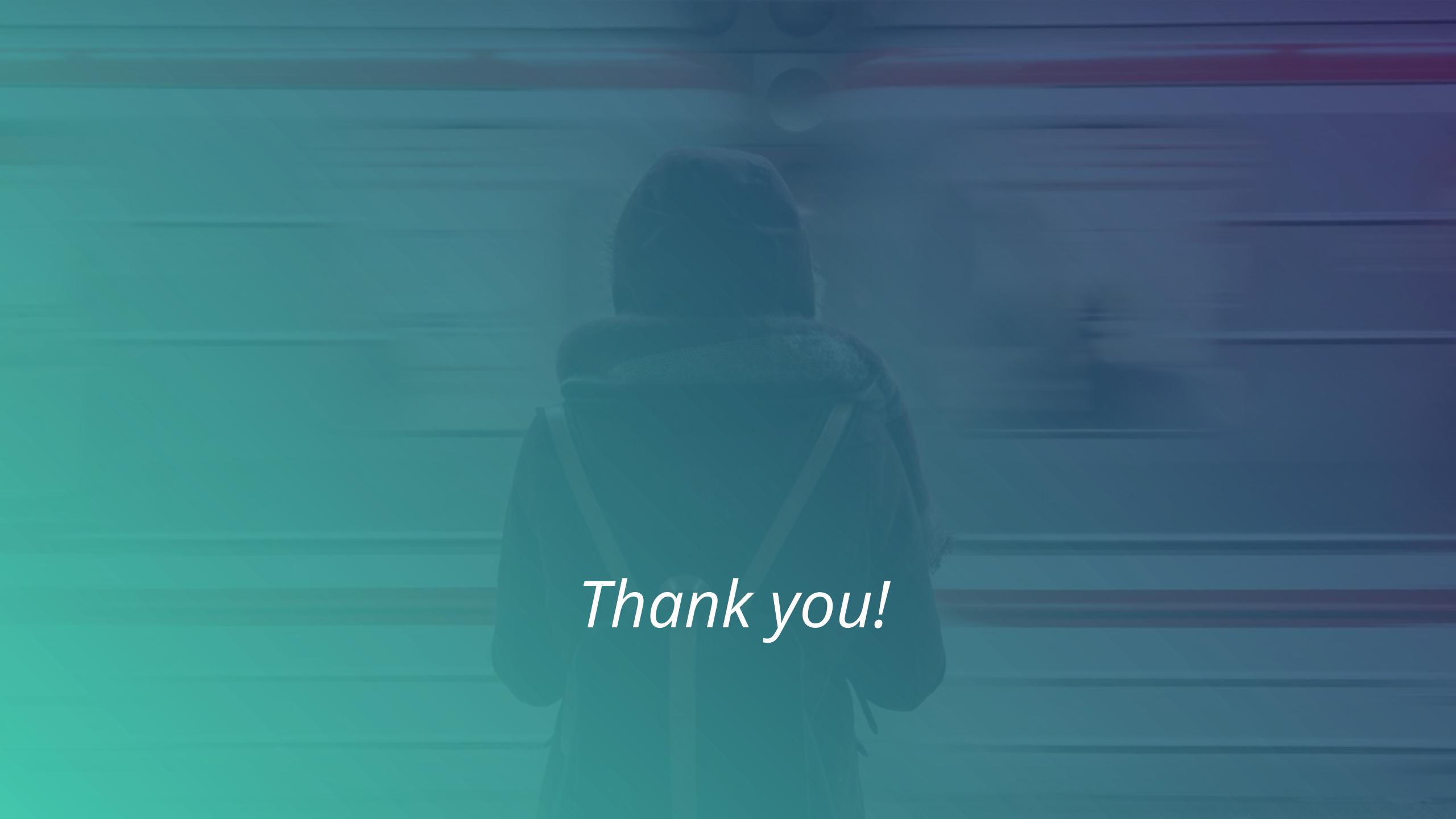
Dashboard	Subsidizer	Criteria	Rules	Deployments
Shared bike user-help distribution				

Start date: 2022-02-01 00:00 am
End date: 2023-01-31 00:00 am
Budget: 200000
Remaining budget: 199285.12 (99.64%)
Timezone: Europe/Madrid
Currency: EUR
Ride providers

- Bike-Sharing public company

Trip requests list



A person wearing a dark hoodie is standing in a dark room. In the background, there is a red light source, possibly a car's interior or a street lamp, which casts a glow on the person's hair and shoulder. The overall atmosphere is moody and low-key.

Thank you!

Contact me:



factual-consulting.com



stefania@factual-consulting.com



<https://bit.ly/3GFnrHa>

