Buber

Uber for buses

Elina, 21, Aalto student

She needs to take a bus to go to her school almost everyday.

"I don't want to wait for the bus for 15 minutes when the winter comes."



Alexandra, 24, Junction hacker

He is a Junction participant from St Petersburg. He needs to take bus from his hostel to Väre, Otaniemi.

"I wish I could just go there with uber but I don't have enough money."



Finnish football supporters

They need to get back home after celebrating hard for Finland team.

"Uber rate doubled at night and the next bus is coming in 30 minutes. And it will be full-packed."



Buber

Enable buses going dynamically according to transportation demand.

Features



Detect demand

Detect the demand by the number of people at the bus stop with neural network.

Calculate route

Find optimal route for bus drivers based on open data.

Bus as a Service

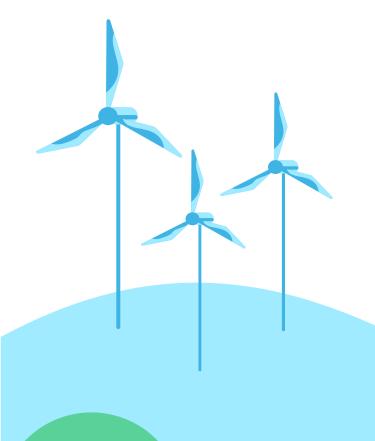
Help passengers get bus faster.

HOW IT WORKS

Al based solutions to predict demand

Vehicle Route Problem using Google OP-Tools and Euristics Parallel Cheapest Insertion





WHY BUBER

Social impact

Efficient bus distribution improve the overall transportation system and make people's daily life better.

Environmental impact

Imagine contributing to the reduction of ecological waste while using bus conveniently, win - win.



Buber DEMO