

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

AI 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