

# Simulating Fuel Reduction by Adjusting Velocity to Traffic Lights

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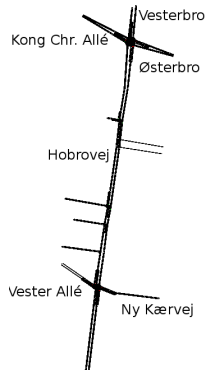
## Evaluation

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## Evaluation

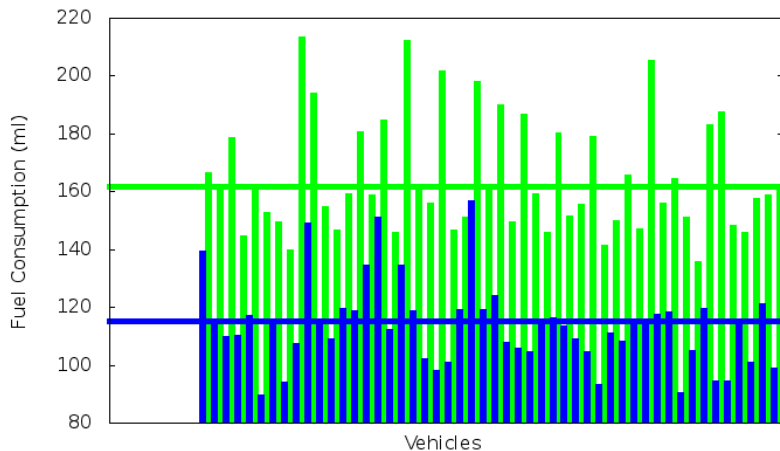
# Test Setup

- SUMO- Simulation of Urban MObility
- Real world road network
- Real world Traffic light phases
- Real world OD matrix



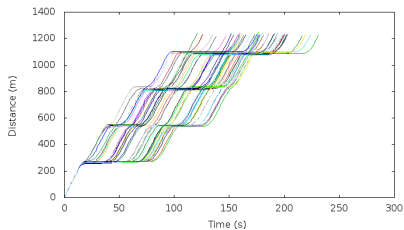
# SUMO presentation

# Fuelsaving

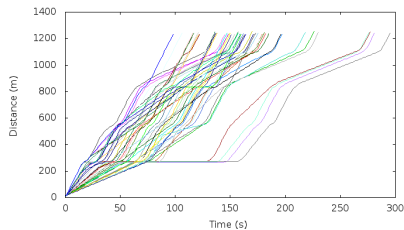


Blue: With system. Green: Without system

# Distance

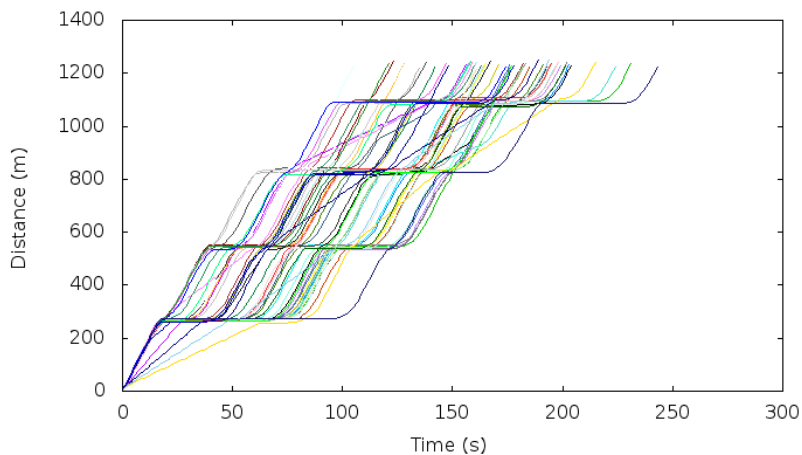


Without system



100% With system

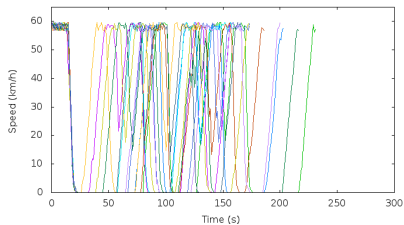
# Distance Traveled



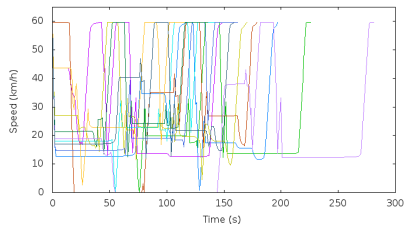
10% With system



# Speed



Without system



100% With system