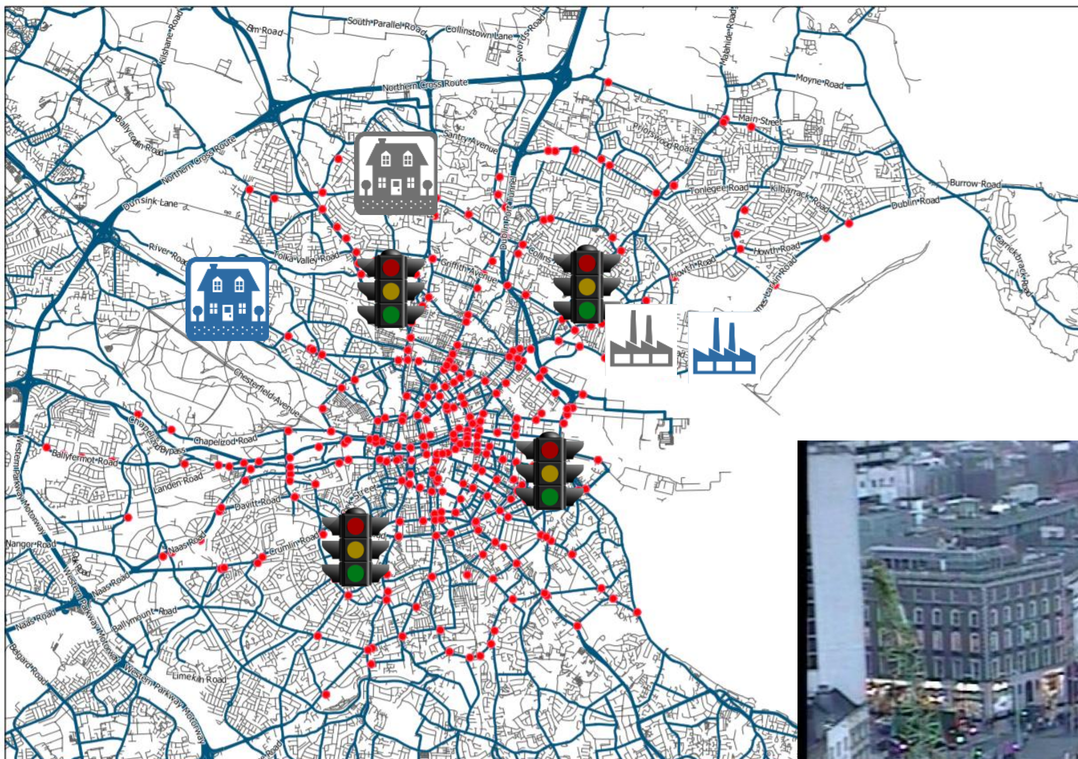
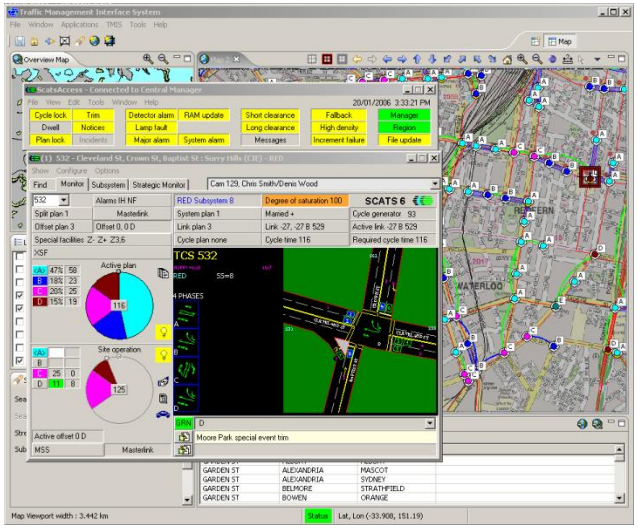
VaVeL: Variety, Veracity, VaLue: Handling the Multiplicity of Urban Sensors (Highlights)

Thomas Liebig @t_liebig
TU Dortmund

Heterogeneous Urban Data Sources





VaVeL Project

http://vavel-project.eu

HELLENIC REPUBLIC
National and Kapodistrian University of Athens

technische universität dortmund

Technion Israel Institute of Technology

Fraunhofer IAIS

orange

IBM

AGT international

CITY OF WARSAW

Comhairle Cathrach Bhaile Átha Cliath
Dublin City Council

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DEVELOPED SOLUTIONS

FOR WARSAW

An Intelligent Transport Planner

Real-time route planner for citizens with the emphasis on public transport and alternative means of transportation (bikes). The solution is to be enhanced with crowdsourcing capabilities to observe the citizens' preferences and track feedback.

Intelligent emergency response

The mobile application is to collect and analyze data on the events in the city. It should alert the users about the events according to set preferences.

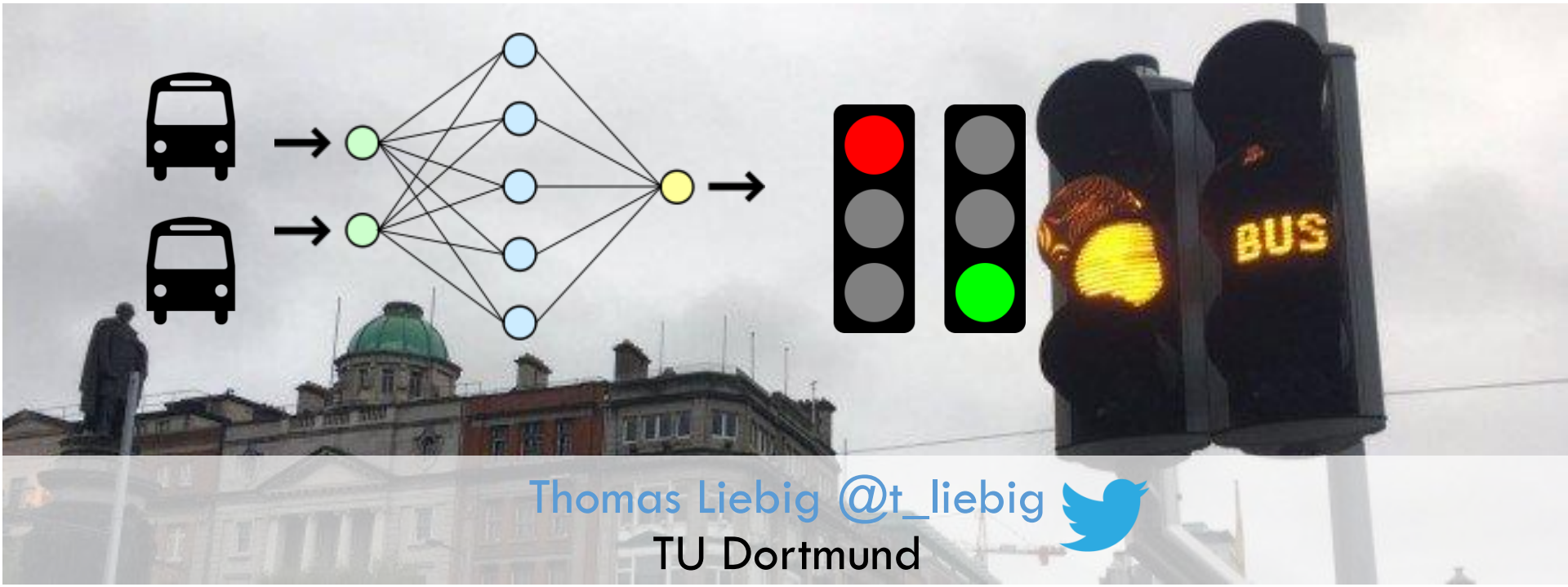
Personalized Services to Citizens

The system is to provide personalized traffic information to citizens considering their daily routines.

Efficient Transportation Schedules

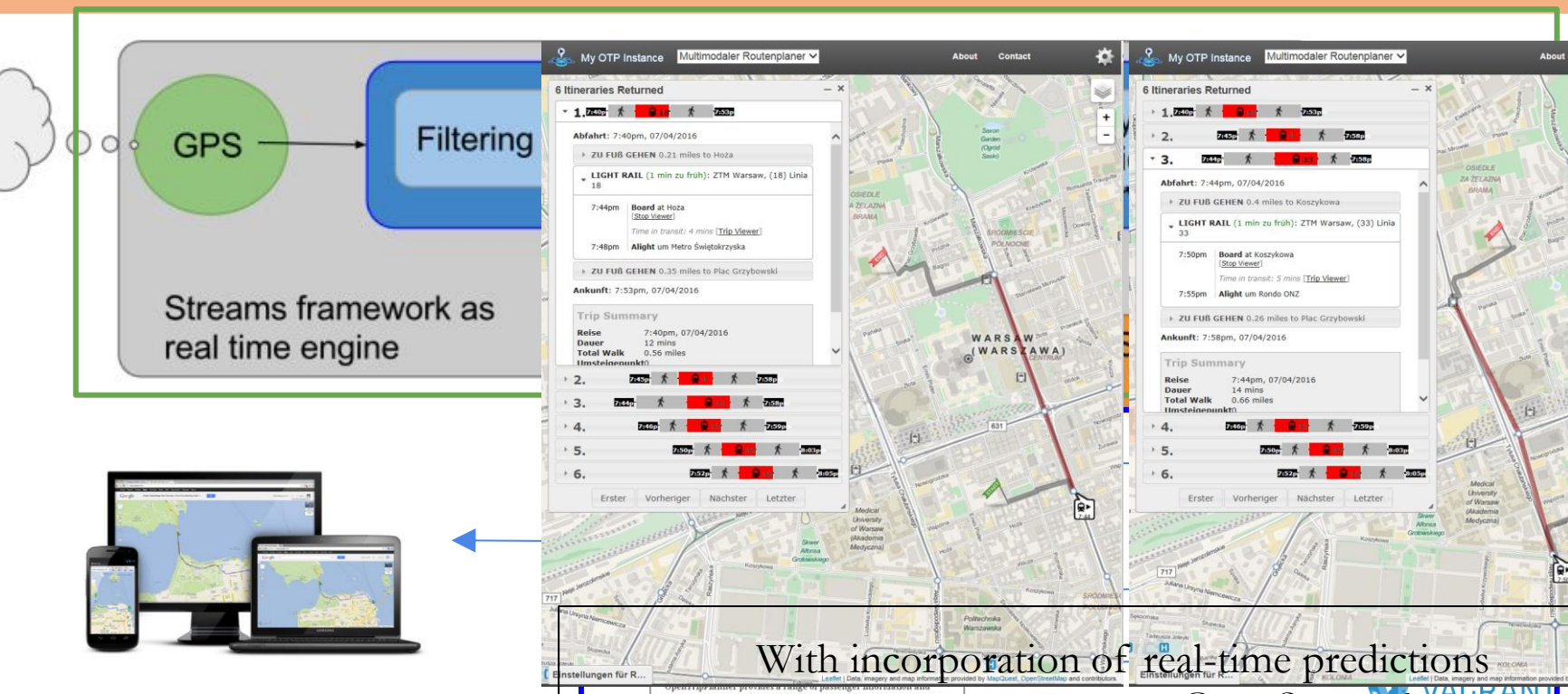
City transport routes are to be improved based on the analysis of mobility data collected thorough a dedicated mobile application for citizens (traffic loads, bottlenecks, and etc.).

Example: Avoid Public Transport Delays with Smart Signalling



Thomas Liebig @t_liebig
TU Dortmund

Example: Situation-Aware Multi-Modal Route Planning



With incorporation of real-time predictions

OpenStreetMap

Partners Seeking

- Large Scale Logistics and
- Big Data Companies
- Telecommunication Companies
- Smart Infrastructure SMEs