

# Cloud-Based Traffic Technology and Simulation



© CityMos, Huawei

Huawei's Research Center in Munich had engaged in traffic technology, in the context of corporate product development in the fields of traffic safety, real time traffic data, signal optimization and traffic simulation. At the time, traffic was a relatively new field of application for Huawei's ICT technology. The main target and pilot clients are China's mega cities who are challenged by increasing car traffic and severe traffic congestion. The Intelligent Cloud Technologies Lab in Munich was assigned with research goals focusing on core technologies for traffic products and collaborations with third parties, mainly international research institutions.

## Services Provided by MOVENTES:

- Support of various research projects with input of traffic engineering practice and traffic flow theory
- Support of product management with market analysis and translation of government traffic planning practice into requirements for technology development
- Quality control of a cloud-based traffic simulation product developed by the Munich lab in collaboration with a university spin-off in Singapore
- Contribution to the development of core technologies in traffic flow simulation, smart city visualization
- Review of publications

## Contracting Entity

Huawei, Munich Research Center,  
Intelligent Cloud Technologies Lab

## Time Period

2021-2023

## Country

Germany, China

## Contact and Links

Wolfgang Scherr  
Wolfgang.scherr@moventes.net

Publication