

An ITEA Smart mobility project

# SMART



## Monitoring and reducing congestion in Smart Cities

### Project summary

SMART was set up to mitigate growing urban traffic congestion challenges and associated issues of environmental degradation, economic inefficiency and negative impacts to the quality of life of citizens. SMART Mobility will revolutionise the efficiency of traffic and commuting in cities by leveraging the capabilities of new 4D spatial technology and analysis platforms using real-time vehicle location and movement data.



### Consortium

**Canada**

- esri Canada
- GEOTAB ITS
- ird international road dynamics

**The Netherlands**

- cyclomedia
- TU/e Eindhoven University of Technology
- Royal HaskoningDHV Enhancing Society Together
- ViNotion Making surveillance smart

### Project duration

January 2020 - October 2023

### Key results / Advantages

- Smart Traffic Control to enable policies for sustainable transportation, low emissions and improved traffic throughput.
- Automatic acquisition of Map data to enable city model reconstruction for traffic control, planning and understanding.
- Common 4D Transportation GIS Platform with near real-time data analysis, visualization, and modelling.

## Smart Traffic Control platform for sustainable mobility

SMART project website



www.smart-itea.com



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