Smart City Mapping for Safer and Eco Driver Behaviour Through Smartphone Sensor Big Data

smartmaps

Duration

30 months (June 2021 – Dec. 2023)

Objectives

- Exploitation of large-scale spatio-temporal data from smartphone sensors
- Development of smart driver behaviour maps with online information on safety conditions and eco-driving
- Creation of a comprehensive tool to promote safe driving behaviour

Methodology

Development of statistical models and innovative machine learning algorithms which consider:

- ☐ traffic data
- ☐ road geometry data
- ☐ road network data
- ☐ road crash data
- ☐ wider area/built environment data

Impact

Innovative and intuitive tools for individual road users and decision makers

Exploitation of multidisciplinary data

Exploration of the influence of different policies on safety and environment

global link
International Marketing Research

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DRIVING FORWARD>

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ΕΡΕΥΝΑΣ ΚΑΙ ΤΕΧΝΟΛΟΓΙΑΣ

European
Commission