The continuous deployment of European-wide traffic management measures and services
SOCRATES².0 is a horizontal project, paving the way for the future traffic management in Europe: a traffic management that allows for the best use (fast-safe-clean) of existing infrastructure.
SOCRATES\textsuperscript{2.0} Consortium

SOCRATES\textsuperscript{2.0} is co-funded by the European Commission.
Always accurate?

Bayern 3: ‘warning, 15 min. delay’

FLITSMEISTER: Presumes ‘you are not travelling anymore’

VID: ‘Big incident, 8 cars, 2 lanes closed, helicopter is coming’
Current status

Controlled by traffic lights
Warnings by VMS, etc.

VRI's, TDI's, VMS's
Roadside signage, VI, ...

Traffic centres

Loops, CCTV, radar,
ANPR, notifications, ...

Public road-side world:
National, regional and
City road authorities

Traffic status

ROAD USER

PC, smart phones,
navigation,

Back offices

FCD, other sources

Advises on:
trip choices, route choices
Warnings, info, etc.

Private in-car world:
Service providers
Car industries

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Vision

**Better Services**

Road User Self Driving Vehicles

Controlled by traffic lights
Warnings e.g. VMS, etc.

TLC’s, VMS’s, TM measures, ...

Traffic centres

Cooperation
Traffic management information

Traffic status information

NEW FRAMEWORK

PC, smart phones, navigation,

Back offices

FCD, social media

Advises on:
trip choices, route choices,
lane choices, speed choices,
warnings, info, etc.
SOCRATES².0

Objective 1
To design, operate and evaluate new and extended traffic management measures and mobile/in-car services for road users; based on a close cooperation of road authorities, service providers and car industries.
Objective 2

To design, operate and evaluate a cooperation framework (at strategic, tactical and operational level) for interactive traffic management by road authorities, service providers and car industries.
Public policies and business strategies

CEF call on ITS

Strategic level

Act.2: Integrated traffic management framework

Activity 9: Consolidation

Activity 8: Evaluation

Tactical level

Act.3: Common designs and specifications

Operational level

Act. 4, 5, 6 and 7 Pilots in the regions of: Amsterdam - Copenhagen - Munich - Antwerp

V-model
SOCRATES².0
SOCRATES\textsuperscript{2.0}

These pilot projects will deploy and evaluate the following four use cases:

- Smart routing
- Actual speed and lane advices
- Local information and hazardous warnings
- Improved roadside traffic management measures
Focus groups

- **Shared Vision**
- **Intermediary & Data Fusion**
- **Strategy & Coordination**
- **Data Exchange & Use Cases**

**SOCRATES 2.0**

**Fast**  **Safe**  **Green**
“A NEW COOPERATION FRAMEWORK FOR INTERACTIVE TRAFFIC MANAGEMENT”