Digitalization and distribution of Environmental Zone information in the Amsterdam Region

FAST **SAFE** **GREEN** **SOCRATES 2.0**

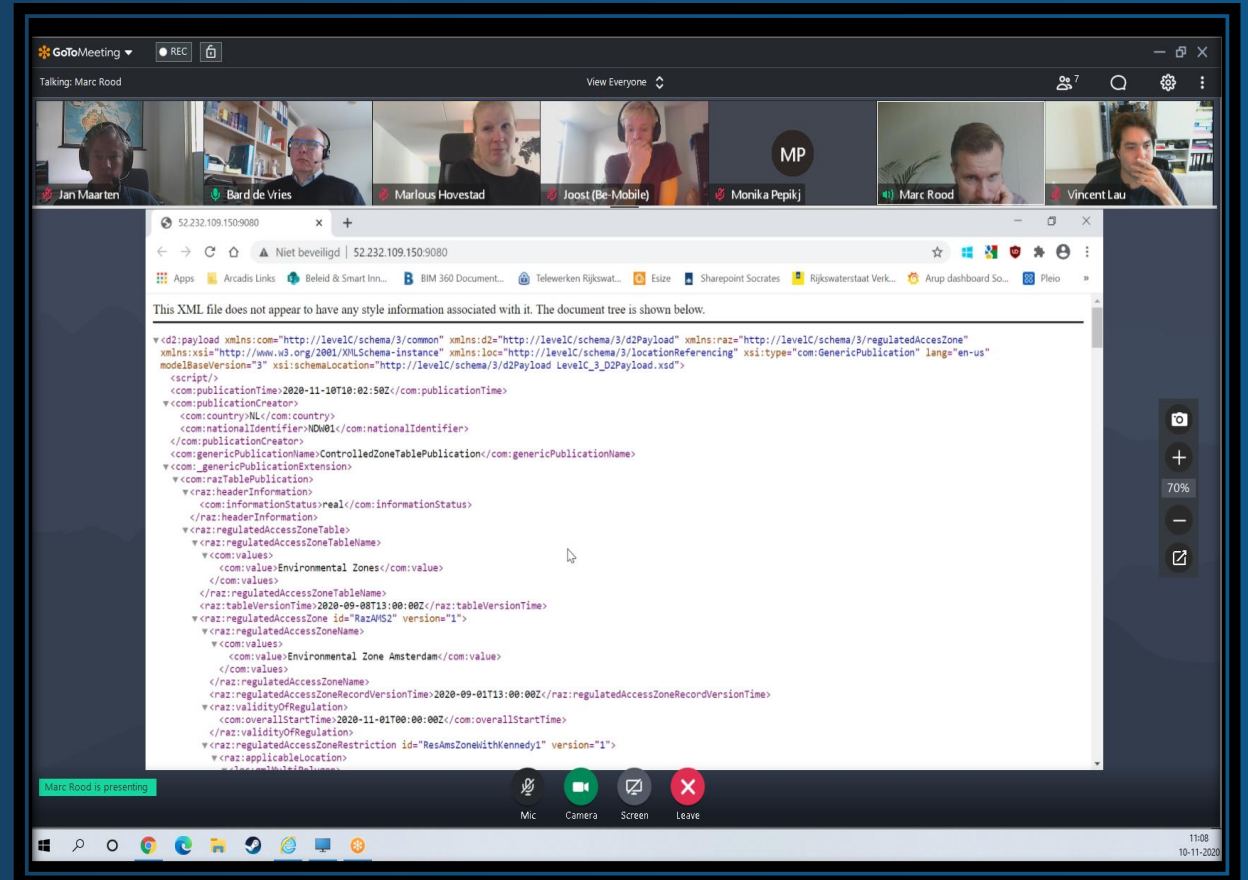Jan Maarten van den Berg

Technical Manager at Rijkswaterstaat

Project overview

EZ use case team

- ✓ NDW (Rijkswaterstaat)
- ✓ Be-Mobile
- ✓ TomTom
- ✓ Amsterdam

SOCRATES²·⁰ is co-funded by the European Commission

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Environmental Zone Amsterdam

Environmental Zone

Alternative route

Standard route

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Challenges

- ✓ No timely notice of the start of the environmental zone

- ✓ Ignorant that your route goes through an environmental zone

- ✓ Not clear what requirements apply

- ✓ Violations and unnecessary fines

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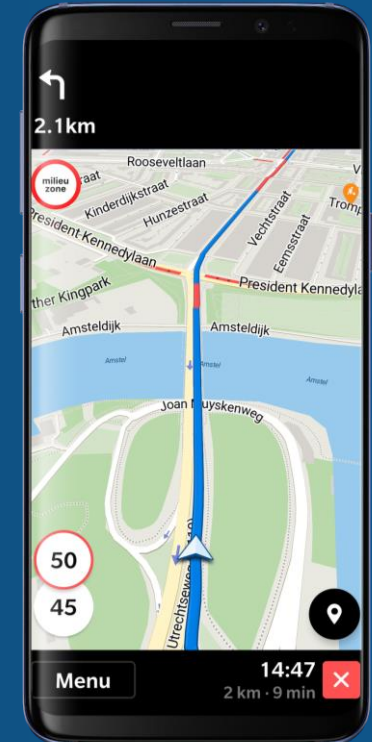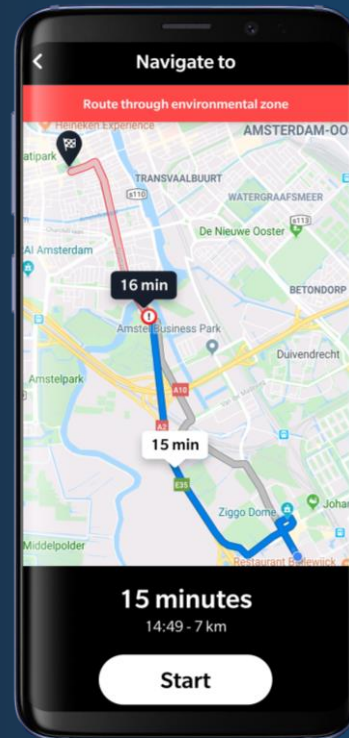SOCRATES² 2.0

What do we want to achieve?

- ✓ Less violations

- ✓ Improved air quality for the community

- ✓ Lead to new business opportunities for private partners

- ✓ Better services and less fines for road users

- ✓ To test a possible scalable solution → UVAR

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System setup
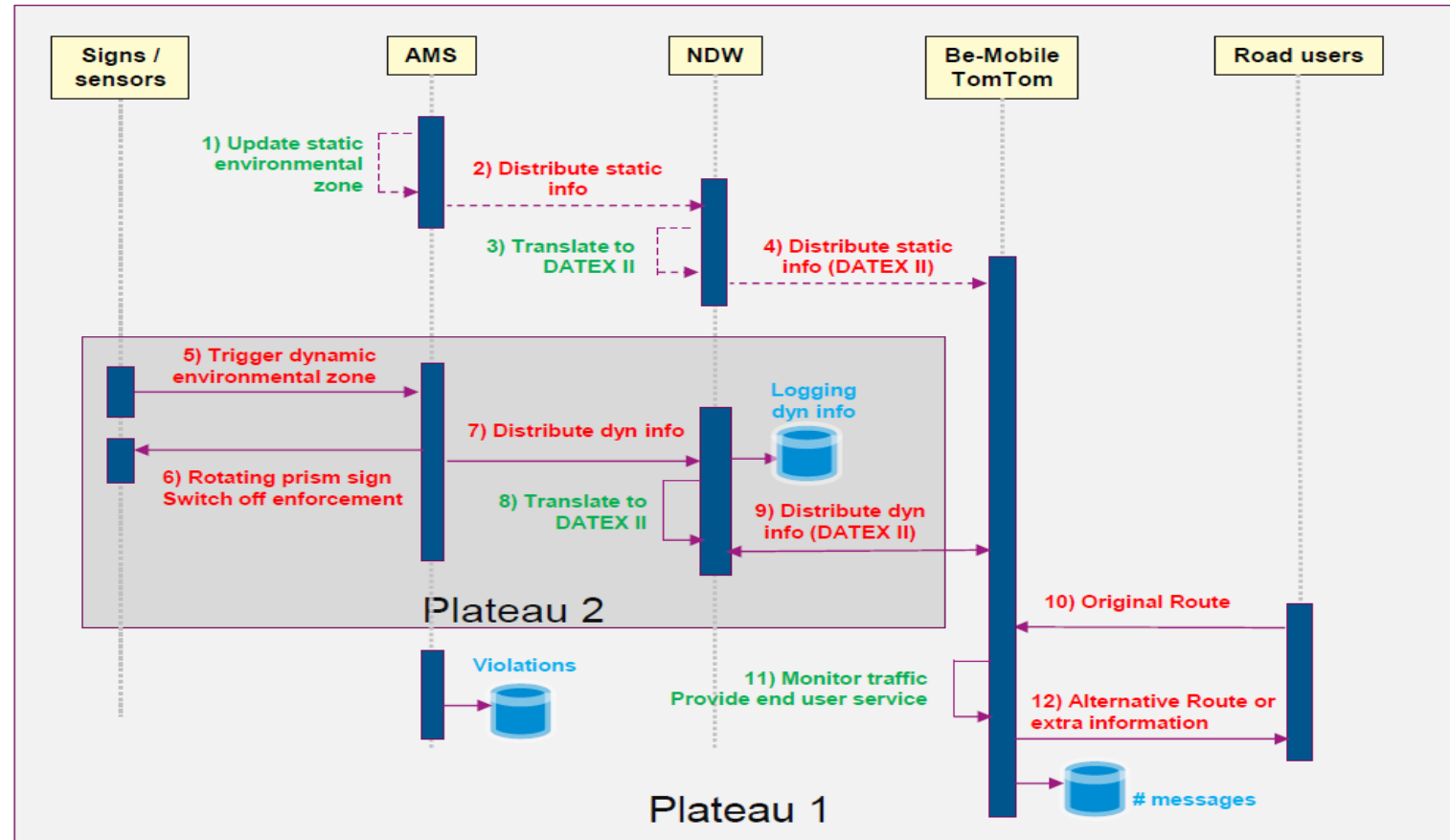
Available services

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Results & Recommendations

1. Services are used and improved after Socrates.

2. Further standardization of profile, terminology, content and use should encouraged.

3. Data from road authorities is not suitable; a NAP is needed to improve and standardize the data and make it publicly available.

4. Pains and gains of truck drivers should be explored more.

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Follow up

- Consolidation and publication of first results Q4 2020 - Q1 2021

- Final results expected in Q2 2021

- UVAR toolbox → European standardization

- Talking Logistics → Dutch collection / digitalization / distribution

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