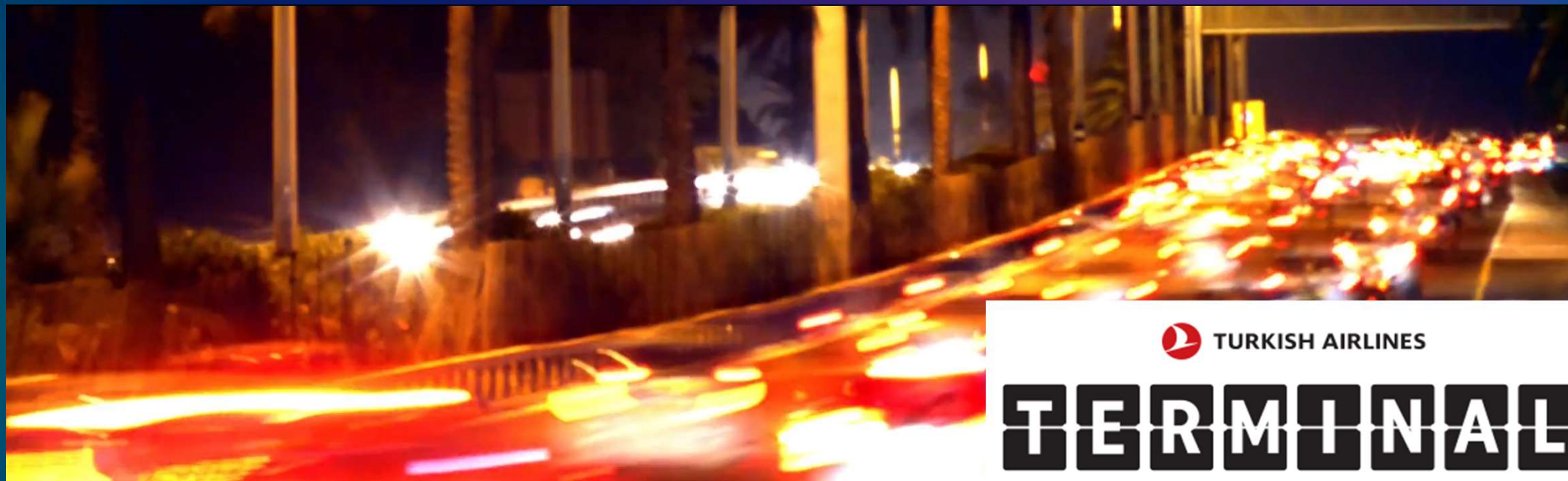




TURKISH AIRLINES

TERMINAL

TURKISH AIRLINES

Eureka Investment Readiness Programme
Vehicle Optimization



Scenwise

TABLE OF CONTENTS

1. Project team
2. Background & Expertise
3. SmartRoads accident detection
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5. Marketability
6. Development plans



OUR FOUNDING TEAM



Kin Fai Chan
CEO



Marcel Schoemakers
CDO



Tim Volk
CTO



Marte ten Dam
Project manager

A robust team consists of experts in intelligent transport system (ITS), data science, AI & traffic engineering
Each expert has more than 20 years experience in Smart Mobility

BACKGROUND & EXPERTISE

- Traffic management utilizing In-car & road-side traffic data
- Decision support: real-time accident detection and alerts
- Public Transport: vehicle tracking & delays
- Combine multimodal data to support smart city solution



12/04/2025

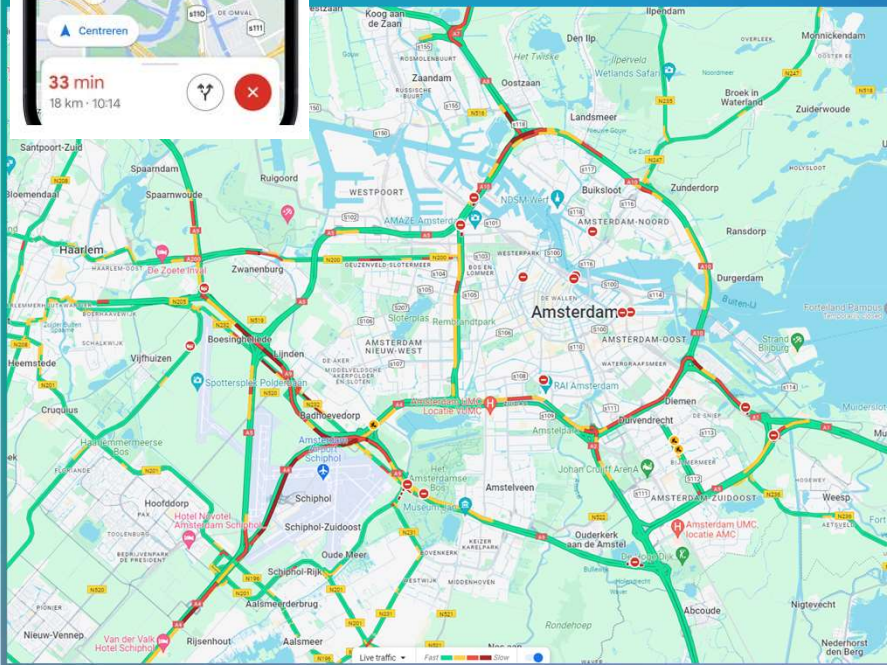
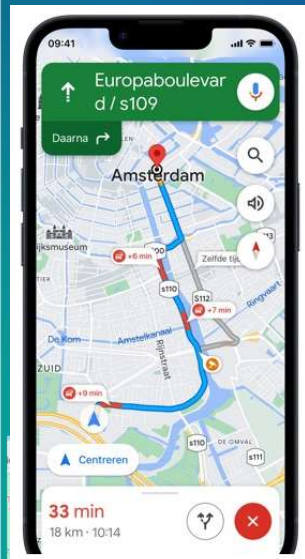


PITCH DECK

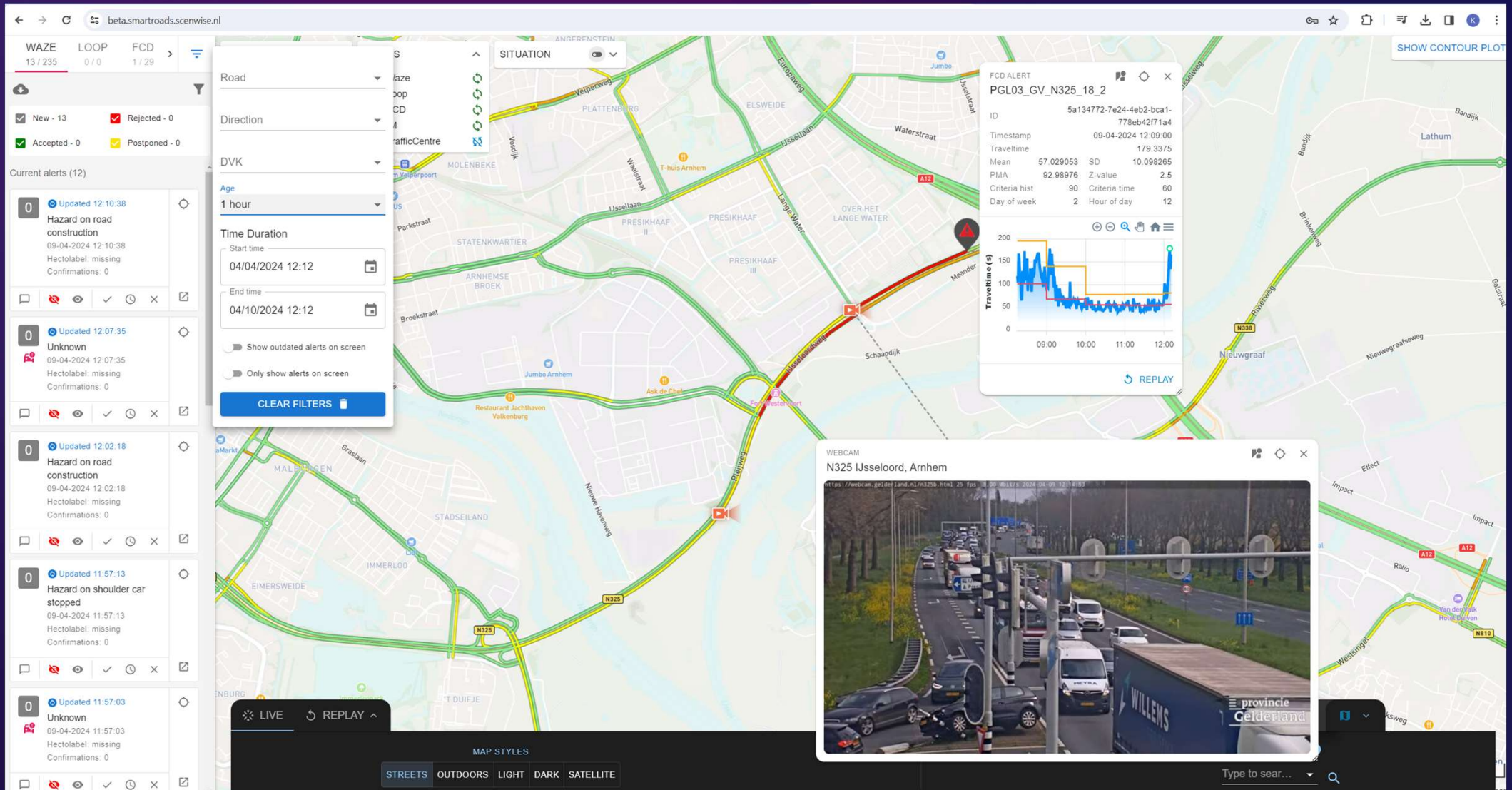


WE CONTINUE WHERE GOOGLE STOPS ...

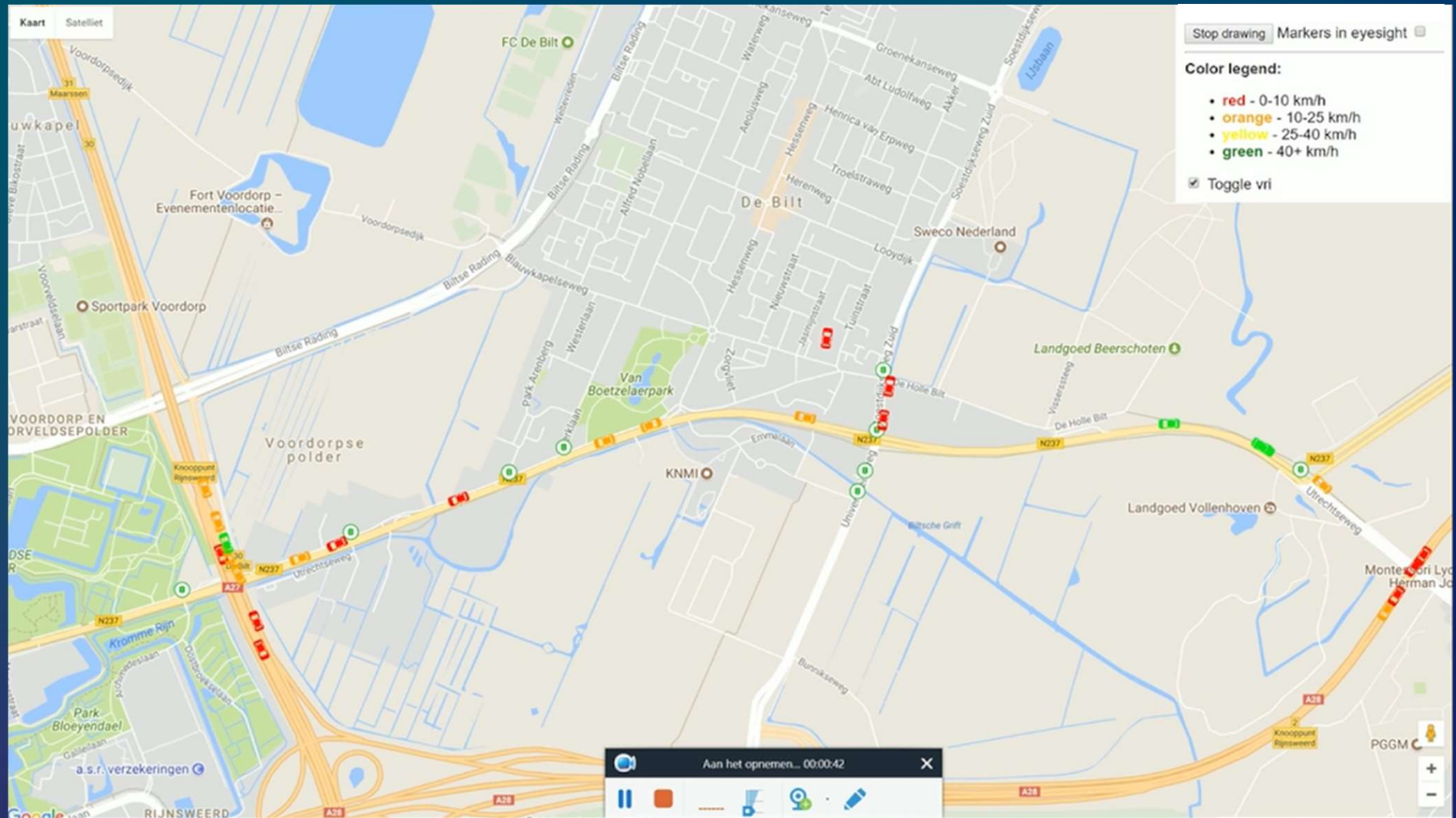
“Our software uses traffic data to detect real-time incidents and combine these alerts with other data sources to generate valuable insights for reliable route optimization”



SmartRoads : Real-time accident detection using traffic data



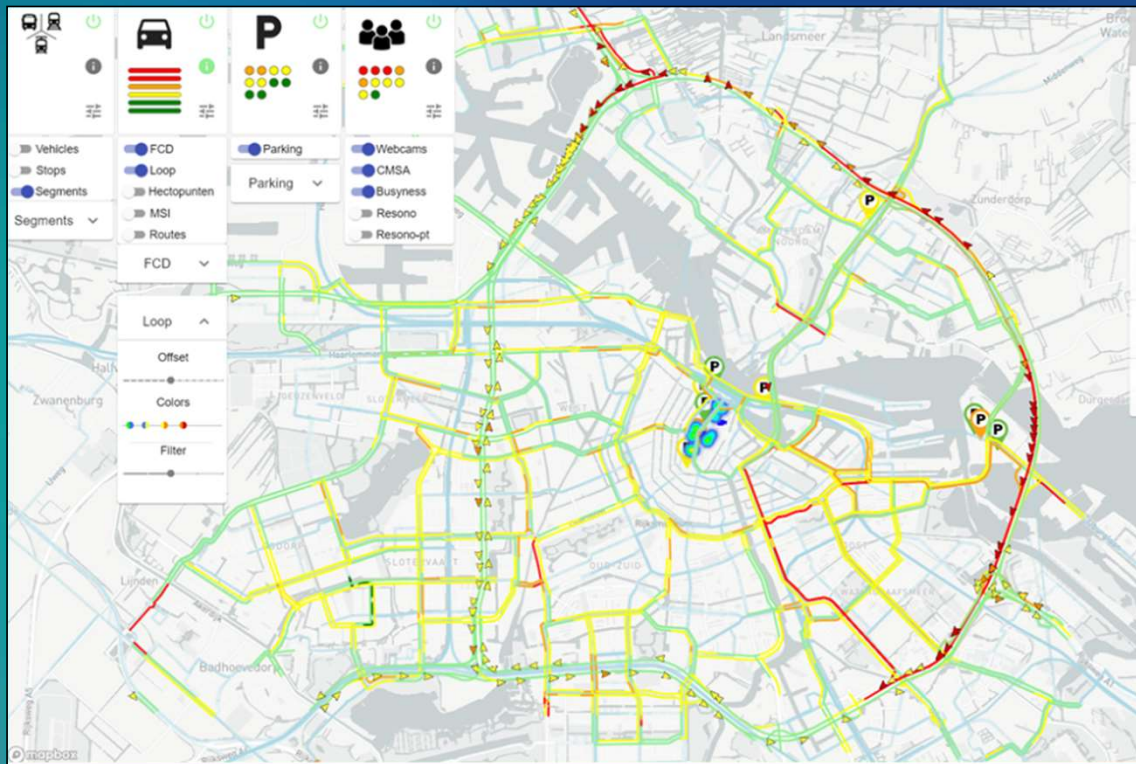
SmartRoads : Floating Car Data & tracking of vehicles



12/04/2025

PITCH DECK

Route optimization: Real-time prioritization of routes & Short-term prediction



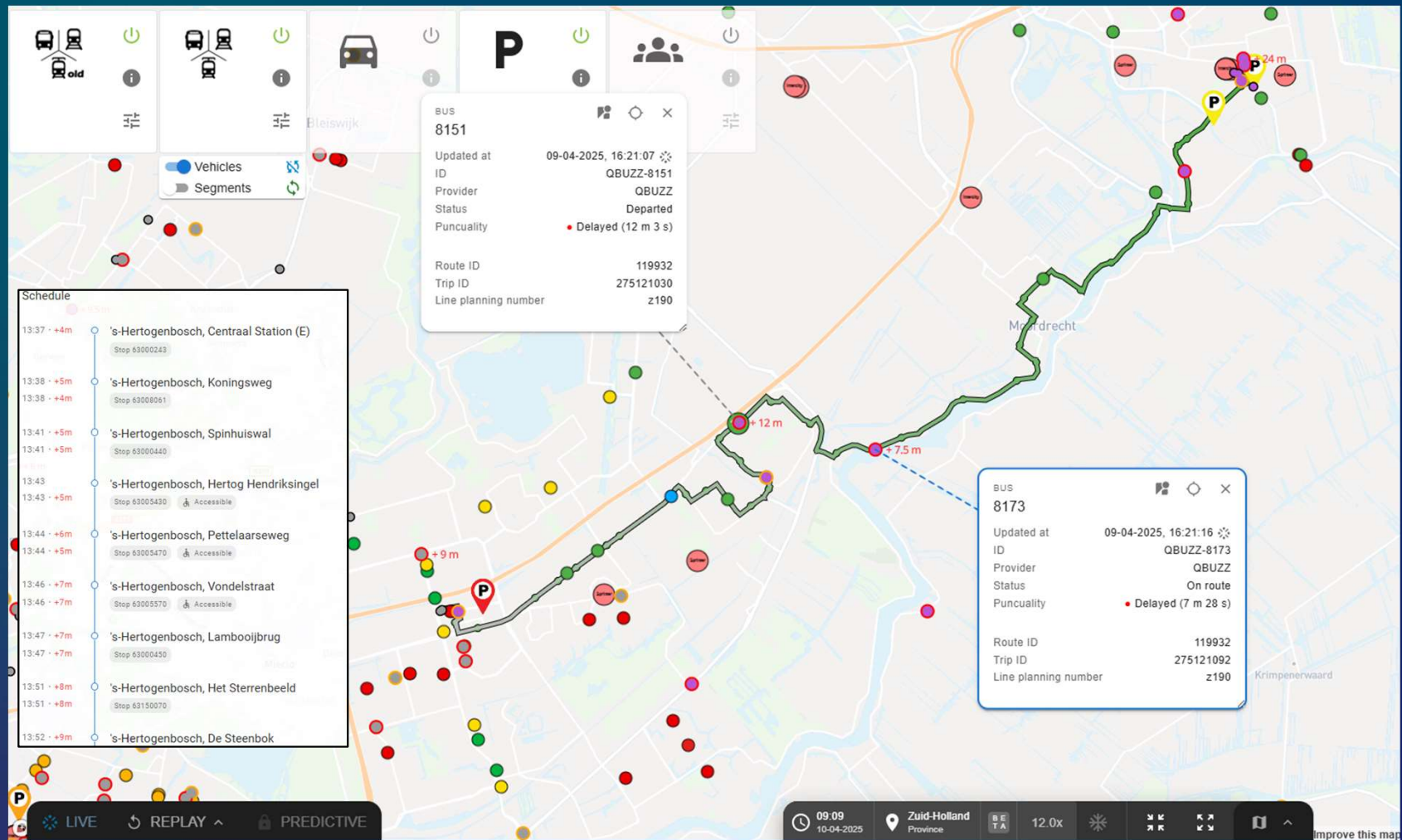
Route Name	Duration Ratio Average / Current
A10N s100-K466 via s112s100	0.26 47.8 min(s) slower
A1 s116 via s112	0.26 35.5 min(s) slower
A1 s100 via s113s116	0.37 21.7 min(s) slower
A1 s116 via s116	0.69 5.4 min(s) slower
S100 buitenring	0.85 4.5 min(s) slower
A1 s100 via s112s100	0.92



12/04/2025

PITCH DECK

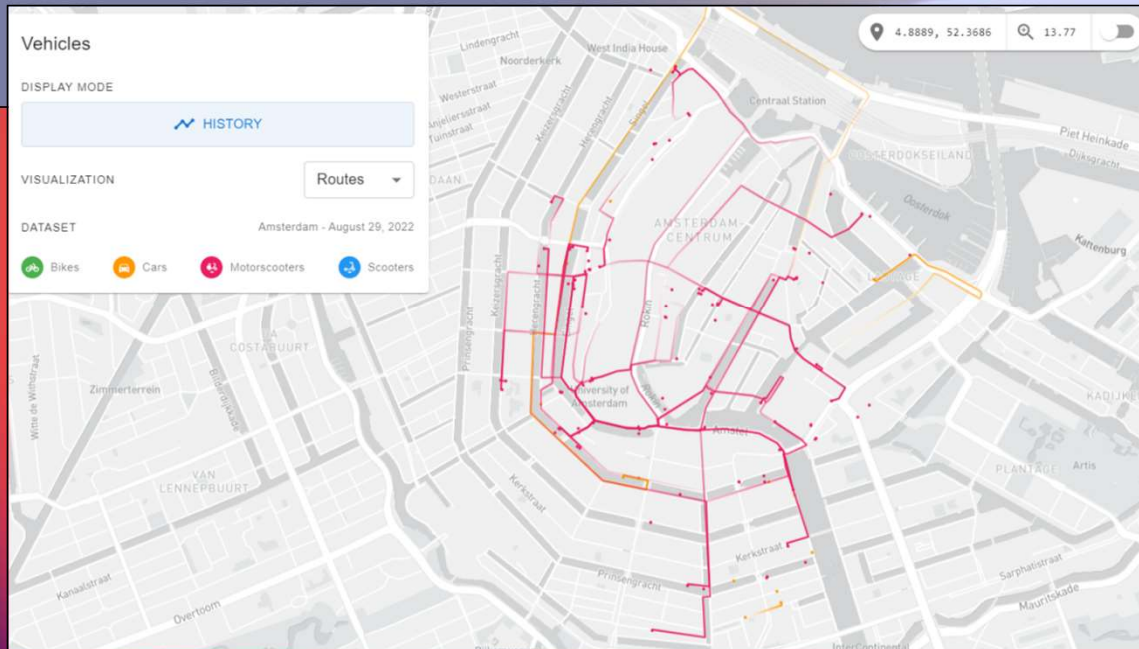
Public Transport : Vehicles position tracking and delays



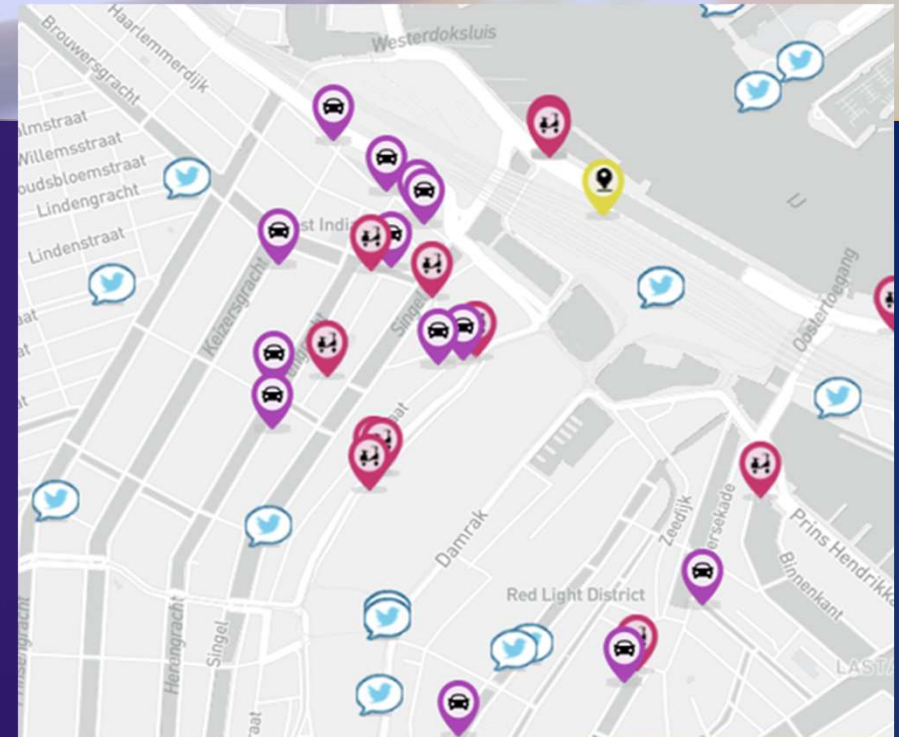
12/04/2025

PITCH DECK

SmartCity : Shared mobility



Routes of shared mobility vehicles



Positions of shared vehicles in city



MARKETABILITY

CLOSE THE GAP

- Traffic congestion is a critical worldwide concern.
- Address a significant gap for transport related organizations

IMPACTS

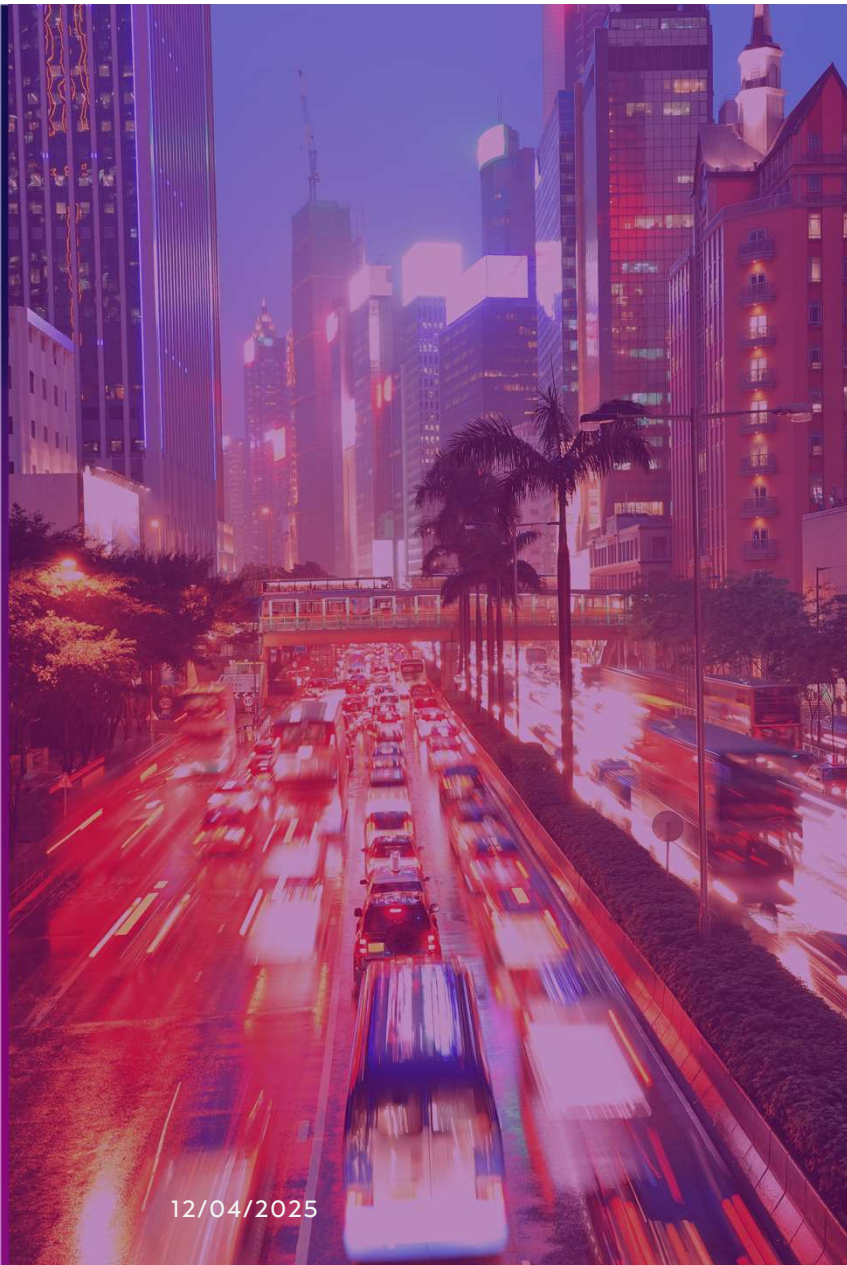
Dynamic multi-stops routing
Reduce loss due to traffic jams
Reduce operational costs
Reduce emissions
Reduce fatalities

TARGET USERS

- Road authorities,
- Public transport operators
- Logistic companies
- Turkish Airlines (crew shuttles)

FIT-TO-PURPOSE

Gives traffic managers, public transport operators, logistics companies the information they need to react faster on incidents, congestion & road works



PROJECTS & DEVELOPMENTS



EUROSTARS

Operational pilots,
In NL: Partnered with
Highway Agency,
Province of North Brabant,
Vision AI experts



PROJECTS

- Scale-up visitor flows, City of Amsterdam
- Smart Mobility Flevoland, pilot Walibi Fright Nights
- Feyenoord Football Stadium – Tracking of player buses & supporter buses



NEW INNOVATIONS

AI prediction, EDS
Enhanced Decision Support,
Vehicle-to-vehicle(V2V)
communication



DEVELOPMENTS

Monitoring Dashboard,
Heatmaps of accidents,
Integration with existing
systems of the customers

APPROACH

Vehicle optimization challenge → Ideal setting for our solutions.

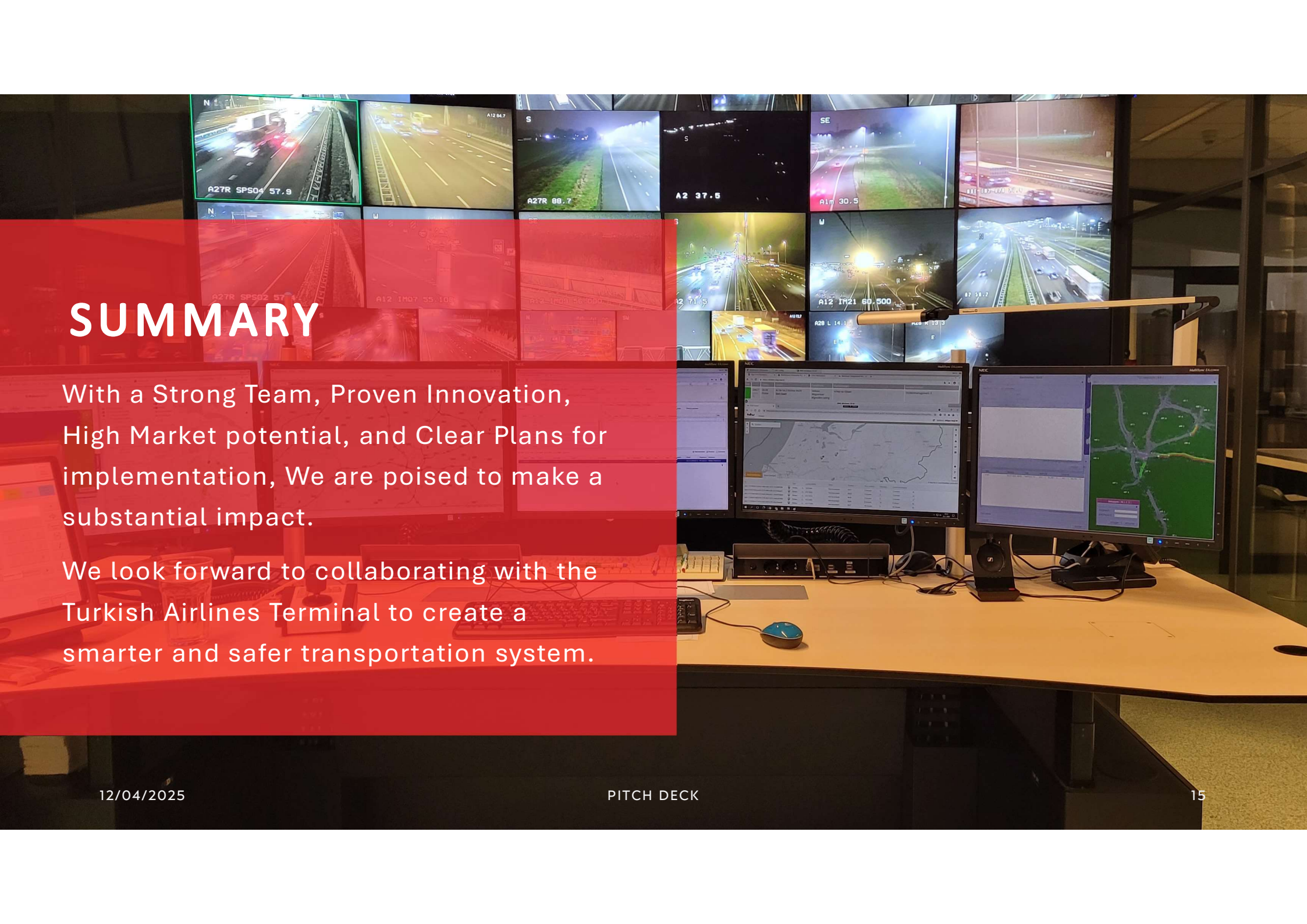
We will work closely with

- Turkish Airlines Terminal
- Contracted transport operators
- City authorities & road authorities
- To agree on scope, use-cases & requirements
- Adapt our solution to suit the demands
- Regular meetings to safeguard progress
- Pilot with extensive testing & validation
- Engage end-users to assure success
- Feedback Loop, Iteration & Full Deployment



Expected Benefits

Benefit	Impact
Route Optimization:	Up to 25% reduction in travel time
Fuel & Emission:	Estimated 15-20% reduction
Personnel Coordination:	Improved on-time performance for crews
Resource Utilization:	Smarter dispatching leads to reduced idle time and fewer vehicles needed
Operational insight:	Real-time visibility enhances decision making and planning

The background image shows a control room environment. In the foreground, there is a desk with two large computer monitors. The left monitor displays a software interface with a map and various data fields. The right monitor shows a similar interface with a map. Behind the desk, a wall of monitors displays multiple live video feeds from traffic cameras. Some of the visible text on the camera feeds includes 'A27R SPS04 57.9', 'A12 84.7', 'A27R 88.7', 'A2 37.5', 'A1M 30.5', 'A27R SPS02 57.9', 'A12 IM07 55.100', 'A12 IM08 55.000', 'A2 71.5', 'A12 IM21 60.500', 'A2B L 14.1', and 'A2B R 13.0'.

SUMMARY

With a Strong Team, Proven Innovation,
High Market potential, and Clear Plans for
implementation, We are poised to make a
substantial impact.

We look forward to collaborating with the
Turkish Airlines Terminal to create a
smarter and safer transportation system.