



# MULTIMODAL ROAD SAFETY MANAGEMENT

## Proactive insights for safer streets

Make smarter road safety decisions with Vianova Risk Aware. Combine various data sets to deliver instant insights and assess the impact of safety measures.

### Rapid Insights

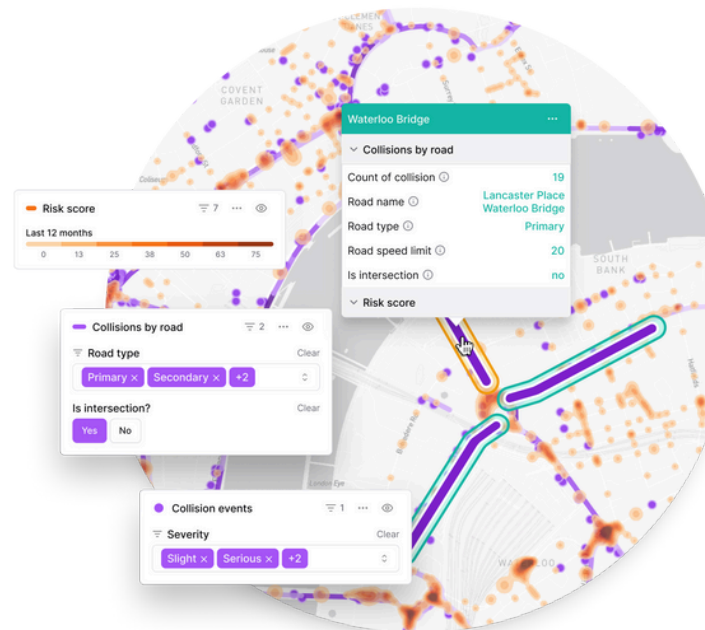
Cut analysis time in one third, providing swift, actionable data & creating reports in a few clicks.

### Comprehensive Multimodal Data

Harness 100+ data partnerships for multi-dimensional insights, including VRU and new data types.

### Real-time Efficiency

Receive live safety alerts, instant top 10 roads, and efficient filtering for proactive safety measures.



### Uncover Proactive Safety Planning

Get driving insights into street segments or networks, to identify potential crash-prone areas before incidents occur.

### Prioritise and Optimise Resources

Identify top high-risk road segments swiftly. Prioritise investments, policy changes & enforcement interventions

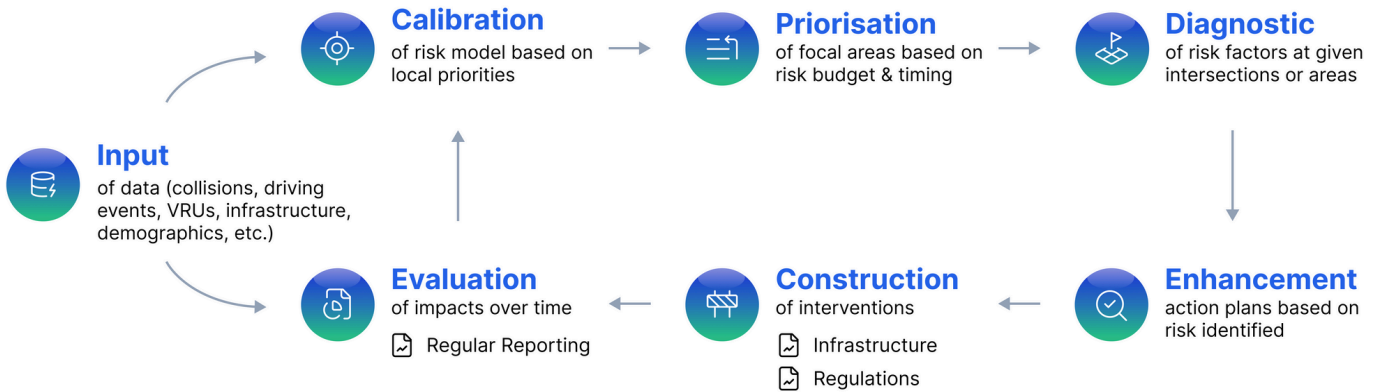
### Evaluate Trends Over Time

Track metrics pre- and post-intervention, assessing impact on streets and nearby areas with immediate feedback loop

# STEER YOUR SAFE SYSTEM with Vianova



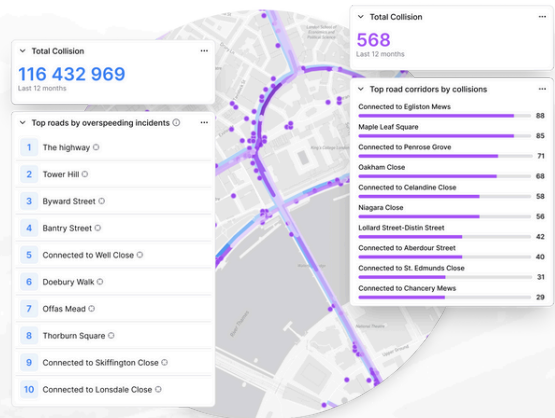
Vianova Solution supports you through the Safe System Approach, from data to prioritisation, diagnostic, enhancement and evaluation with comprehensive risk insights and a user-friendly interface helping you gain in efficiency and precision.



# 1

## Identify & Prioritise

Pinpoint high-risk traffic safety hotspots through advanced data clustering, and contextual insights. Easily export maps and reports to share with colleagues



# 2

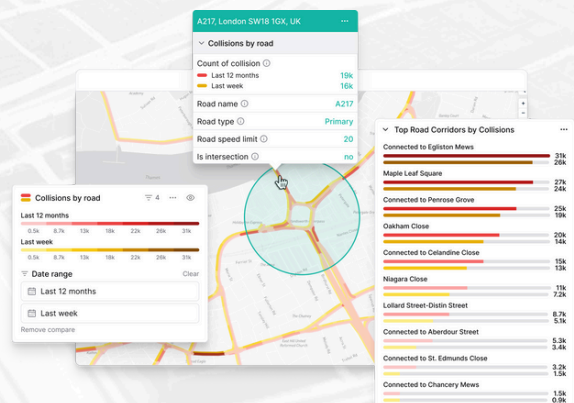
## Diagnose

Merge various datasets, including speed, harsh braking & road conditions, for a comprehensive safety analysis. Run specific diagnosis on infrastructure safety for VRUs

# 3

## Optimise & Enhance

Utilise driving events to prioritise enforcement, or implement policy changes. Create tailored safety recommendations powered by Vianova's advanced AI.



# 4

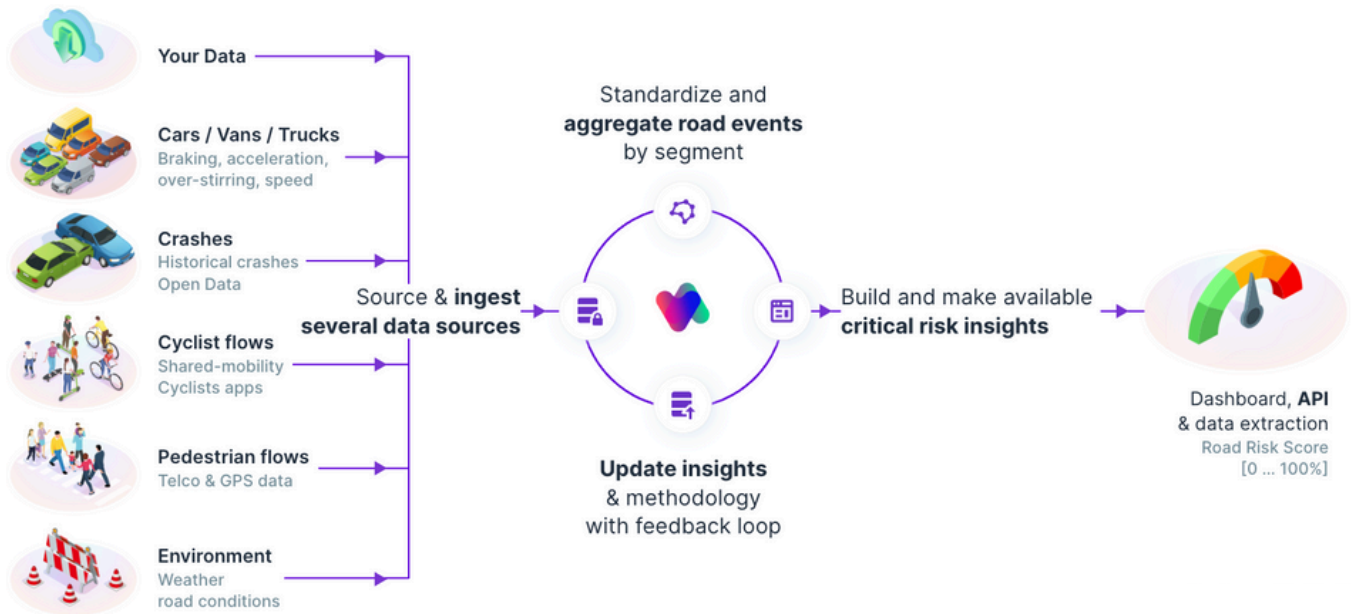
## Evaluate interventions

Deploy before-and-after studies to measure the effectiveness of interventions. Create comprehensive reports easily and analyse safety indicators with socio-demographic data over time



# Multifactor Risk Assessment

Consolidate leading indicators into a comprehensive Risk Score for effective road segment classification. Get a fully customizable index, offering independent access to each risk factor.



## Our Data

Every Risk Aware score is customized based on data availability and the needs of the user. The scalability and tailoring are possible thanks to our data partners across the globe.

**Mobility operators & micro-mobility**

Google Maps, TIER, SPIN, BIRD, STRAVA, voi., Lime, SHARENOW

**Telco & GPS data (pedestrian flows)**

orange™, Singlespot, vodafone, ONEMATA

**OEMs**

Renault Group, TOYOTA, BMW, VW, STELLANTIS, Mercedes-Benz

**Telematic & Commercial vehicles (Probe data)**

BRIDGESTONE Mobility Solutions, masternaut, Allstate, GEOTAB, Continental

**Your Own Data**

TRANSPORT FOR LONDON, PARIS AÉROPORT

**IoT data (air quality, charging stations, ...)**

dpd, eco-mo>ement

**Geographies**

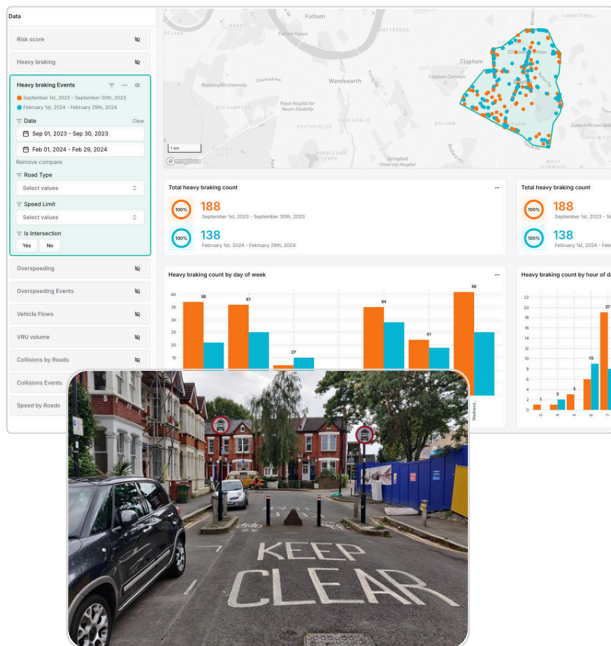
EUROPE, US & CANADA, MIDDLE EAST





# Our success stories

Let's explore real-life road safety success stories from our clients:



## Transport For London

### The Challenge:

200km of roadway are being reduced to 20mph speed in order to achieve vision zero solutions, but monitoring an expansive network is challenging & costly

### The Solution:

**250 million** driving events analysed  
Reductions in speed observed on **85% of the 20mph** road network

**15 "cut-through" corridors** identified where speed and volume are increasing on nearby roads

**25% unsafe driving** in Brixton following the implementation of Low Traffic Neighbourhood

## Metropole de Lyon

### The Challenge:

Lyon lacks advanced data analytics, relying on reactive measures and time-intensive report preparation for elected officials.

### The Solution:

**Harmonized experience** collecting data from 7 different data streams to produce a comprehensive view  
**Two critical school interventions** prioritized from a city-wide risk analysis of 900 schools.

**10% reduction collisions** observed on selected corridors with lighting

