

Smarter Traffic. Greener Cities

Lepton x Google Maps Platform – From insight to action



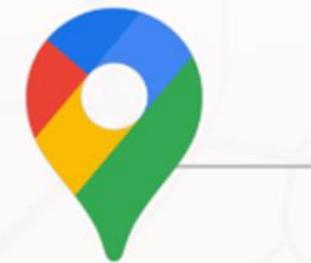
India's cities are among the world's slowest.

Kolkata, Bengaluru, Pune are in the global Top-5 for slow travel time

Time we never get back.

117 hours

Average rush-hour time lost per driver in
Bengaluru (2024)



Unmatched live road speeds and travel times



City-scale data storage with simple analysis



Lepton Building Actionable Intelligence



Make Data-Driven Decisions



Analyze Historical Data



Get Real-time Monitoring

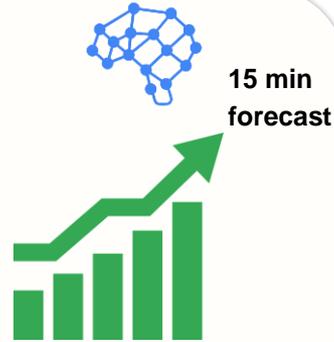
From Monitoring to Real-Time Control



Detection

Live Congestion Alerts

Where traffic is building right now



Prediction

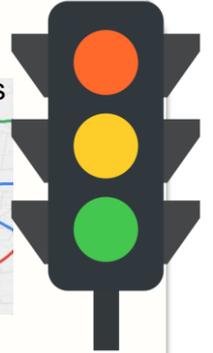
AI forecasting upcoming jams before they happen



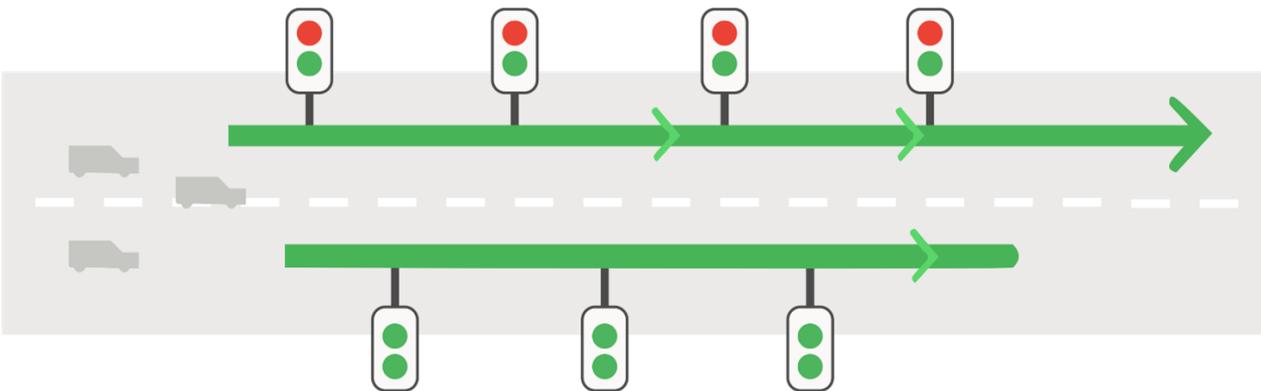
Action

Tools for police to smooth traffic in real time

Adaptive
Signal Timings



Make the signals you have... smarter.

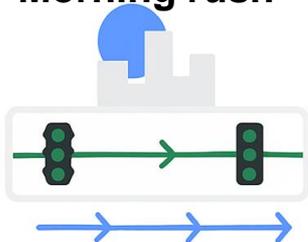


- Works with existing controllers & ATCS
- Adjusts timings automatically, in real time
- Corridor-level synchronization for smoother flow

Improves today's system — no need to replace anything.

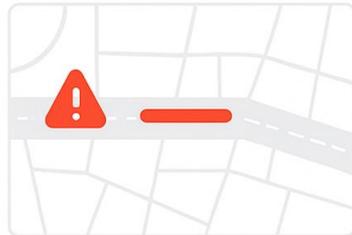
From data to day-one impact.

Morning rush



Keep traffic flowing with
timed green waves
during peak hours.

Accidents & breakdowns



Instant alerts with
suggested diversions for
faster response.

Events & monsoons



Instant alerts with
suggested diversions for
faster response.

From Historic Insights to Smarter Infrastructure

Using RMI + Lepton for long-term planning decisions



Historic Congestion Build-up

Where jams are
consistently grown



Origin–Destination Flows

Where trips start &
where they end

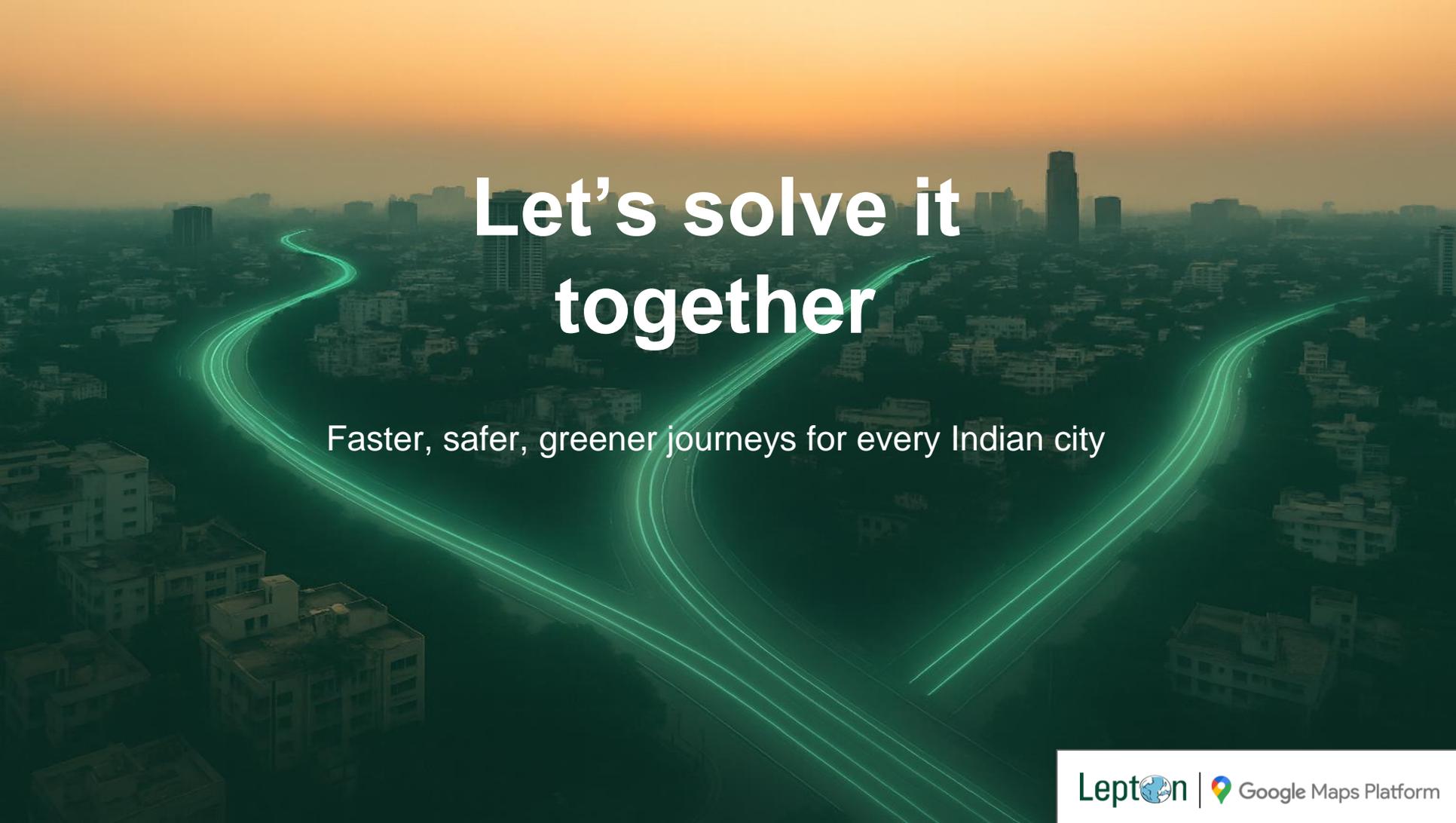


- New Roads

- Public Transit Expansion

Planning Actions

Data-driven infrastructure
investments

An aerial photograph of a city at sunset, with a warm orange and yellow sky. The city buildings are silhouetted against the light. Overlaid on the city are several glowing green light trails that follow the paths of roads and highways, suggesting movement and connectivity. The text is centered over the image.

Let's solve it together

Faster, safer, greener journeys for every Indian city