



# Paving the Road for a Smarter, Safer Chemical Transportation Journey

## 01 | India's Fast-Growing Chemical Industry

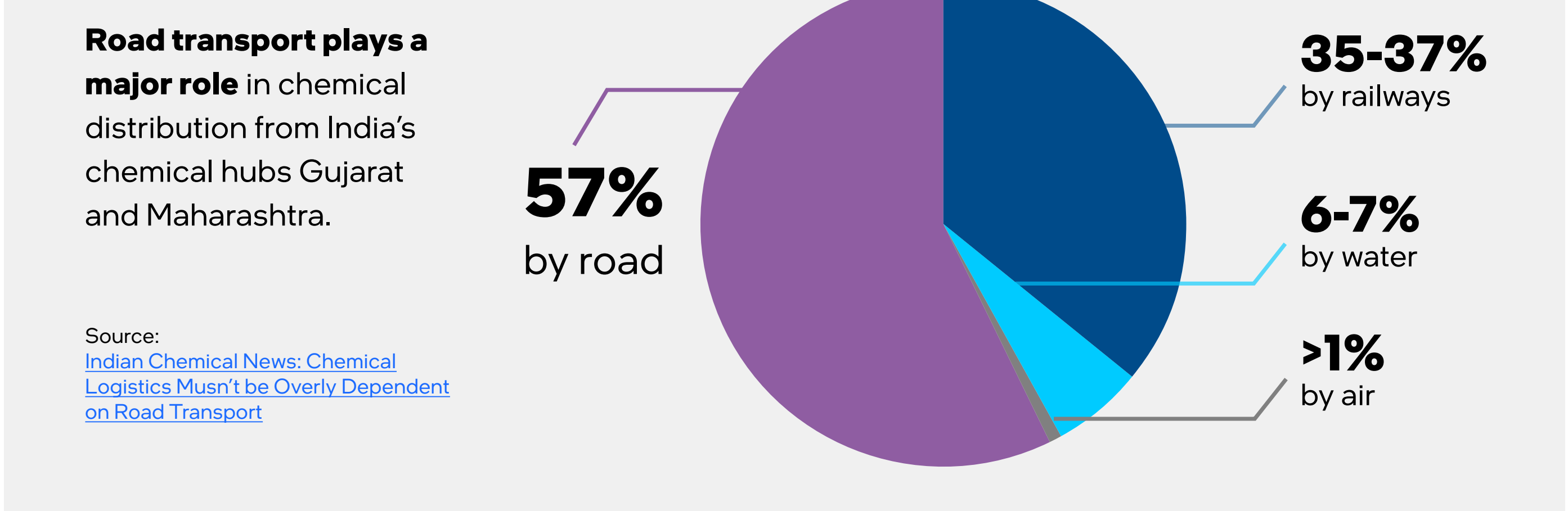
India's chemical industry is one of the fastest-growing industries in recent decades and continues to act as a backbone of the country's industrial and agricultural development.

Expected to **contribute US\$300bn** to India's GDP by 2025

Ranks **14<sup>th</sup> in exports** and **8<sup>th</sup> in imports** globally

**18-23% expected revenue growth** in the domestic chemical sector in FY22

Source: [India Brand Equity Foundation: Chemical Industry](#)



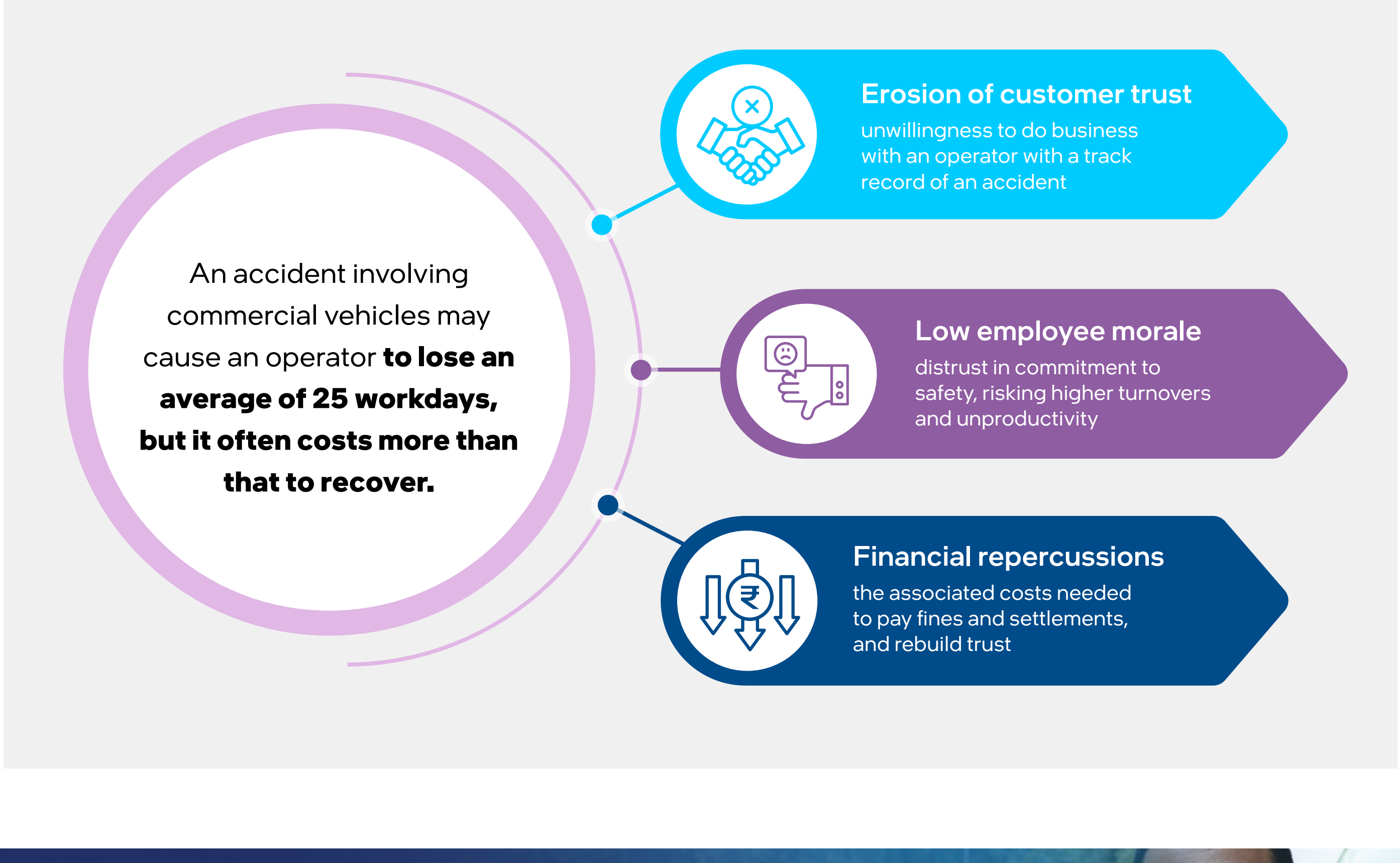
## 02 | What Happens When Growth Outstrips Safety Developments?

However, India's chemical industry is growing at such an uptick that its safety regulation developments are struggling to keep pace. This was made more complex by:

**Heightened focus on EHS**, especially with recent COP27 commitments

**Diversity of products** being transported, including flammable and hazardous ones

**Increasing number of road accidents**, with India seeing the most deaths globally



## 03 | Telematics 3.0: The Game Changer for Safety

With 60% of accidents on Indian roads preventable with timely driver interventions, how can operators minimise the risk of accidents?

The real game changer lies in telematics, which opens a range of safety features including driver monitoring, safety analytics, and predictive vehicle health to always ensure fleet safety. Over the years, telematics have matured to capture richer and more relevant data that helps fleet managers gain complete real-time asset visibility.

Telematics 1.0, which were often black boxes that track vehicle distance and speed, soon evolved into telematics 2.0, which added context-based data such as location, time, and vehicle identification to help fleet managers gain deeper visibility into their assets.

Yet these often missed a key asset of the fleets: the drivers.

**The dawn of telematics 3.0**

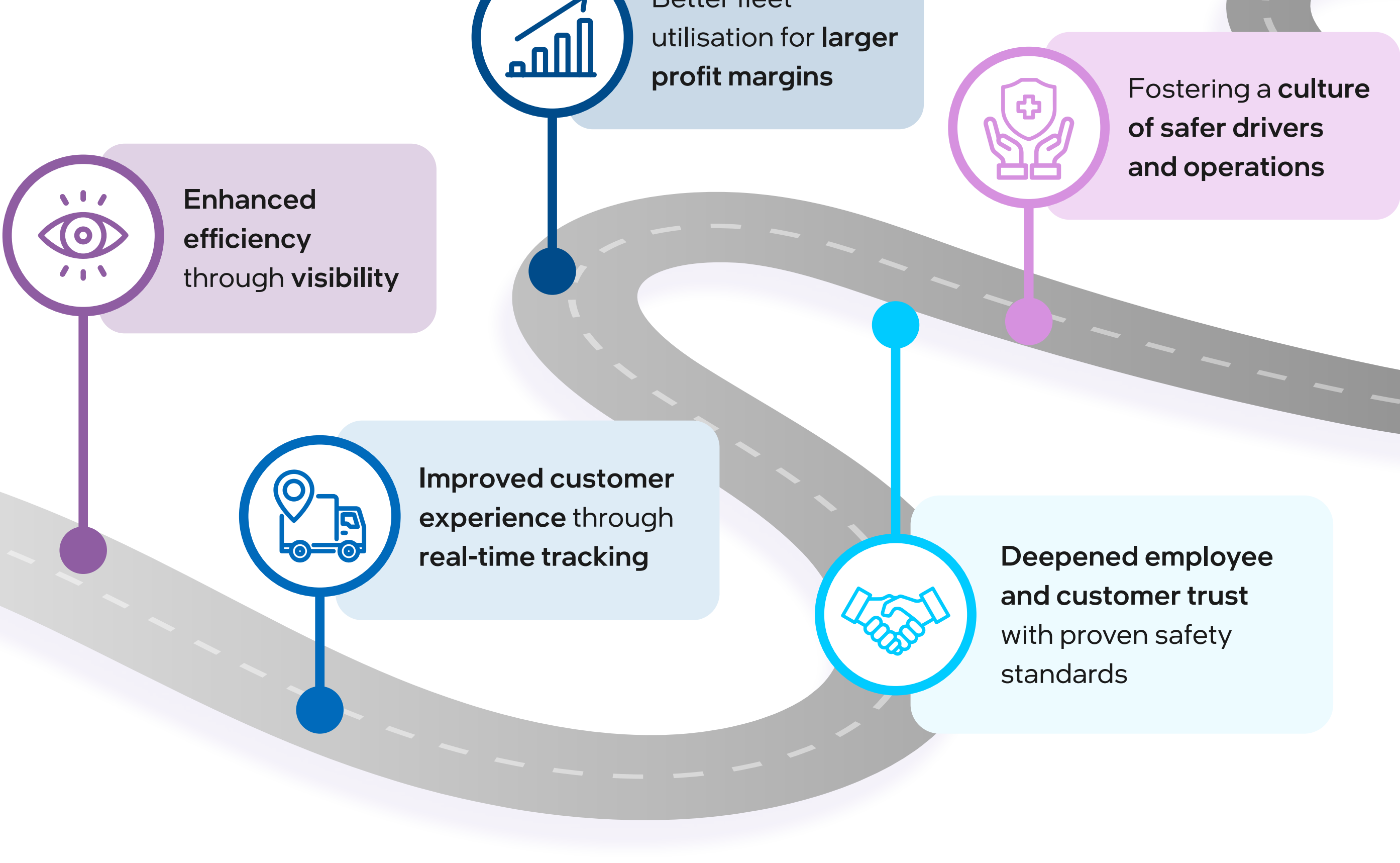
The latest evolution of telematics addresses that by leveraging advanced computer vision technology that creates a digital twin of drivers to monitor them and their safety behaviour even more effectively.

Supporting videos for key alerts for both roadside and in-cabin behaviour provides not only richer datasets to better identify areas of improvement and performance optimisation that reduce potential efficiency losses by up to 50%. It also enables fleet managers to help coach drivers, exonerate them, and build trust. Ultimately, this level of visibility is more powerful and addresses overall fleet efficiency.

Some examples of features telematics 3.0 enable include:



With the right technology in place, operators will get the most comprehensive view of their fleet. This will deliver business benefits such as:



## 04 | Driving Ahead with an Advanced Fleet Safety Solution

With Intel® Onboard Fleet Services, you get a comprehensive fleet safety solution designed for the unique requirements of Indian commercial vehicle fleets.

SureGroup has seen a **70% reduction** in road accidents, bringing it closer to its target of **reducing transit damage by 10x**, after rolling out Intel® Onboard Fleet Services.



### Did You Know?

The Indian Chemical Council has signed an MoU with Intel India, highlighting Intel as a leader in driving the safety and operational efficiency of chemical transport fleets.

References:  
• [Chemical Industry India, India Brand Equity Foundation, Dec 2022](#)  
• [Chemical Logistics Mustn't Be Overly Dependent on Road Transport: Experts, Indian Chemical News, Apr 2022](#)

\*Performance and other claims mentioned are industry estimates based on Intel commissioned market research on Indian commercial vehicle fleet industry. Under no circumstance will Intel be liable in any way for these estimates, including, but not limited to, any errors or omissions, or damages of any kind. For more details on performance and other claims by partner solutions, please visit the respective collaborator websites

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