



Regulations assessment and tracking of future vehicle emission in global markets

Case Study

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Client	Global Automotive Component Supplier
Industry	Automotive
Products	Light duty vehicle, motorcycles and heavy duty vehicles

Context

- The client wanted to develop a detailed understanding of current and future vehicle emission regulations to prepare their product development strategies for global markets. This included understanding the CO₂, NO_x and GHG emission limits, test procedures and cycles, and emission credits for key geographies across the globe.

Key Questions

- What are the current emission regulations and standards in various key geographies across the globe?
- How do these regulations/standards differ currently, by country/region and within each of these countries/regions?
- How are these regulations and standards expected to change in the coming years? What are the driving factors?

Engagement Scope

1

Current Regulation Analysis

- What are the current emission regulations and standards in various key geographies across the globe?
- What are CO₂, NO_x, evaporative and GHG emission limits for the focused countries across the globe?
- How these emission regulations differ by vehicle category, fuel-type, and engine size?

2

Future Regulation Analysis

- What are the key on-going discussions to update emission regulations across various countries?
- What are their tentative timelines of implementation?
- Are there any on-going or expected initiatives in any focus country to promote the use of clean energy vehicles? What incentives are being provided under these?

3

Country-wise Regulation Benchmarking

- How emission regulations and standards differ across various focus countries?
- What are the areas of differences and similarities related to emission regulations between the focus countries?

FutureBridge

Thank you

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