Regulations assessment and tracking of future vehicle emission in global markets

Case Study



Regulations assessment and tracking of future vehicle emission in global markets

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

Engagement Scope



Current Regulation Analysis

- What are the current emission regulations and standards in various key geographies across the globe?
- What are CO, NOx, 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?

Context

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 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 CO, NOx 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?

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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?

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?

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Research Methodology

Secondary Research

- Conducted desk research to gain an overall understanding of the market and its key players
- Referred 'industry associations' 'journals', 'portals' and 'company websites'

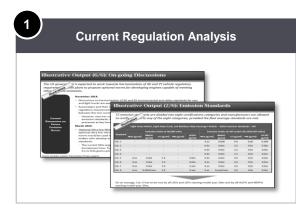
Primary Research

 300+ telephonic interviews with product director, automotive industry participants and government officials and Automobile OEMs

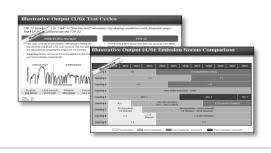
Benefits to Client

- The output was used by the client for strategic decision-making for product development within the focus countries and vehicle segments.
- The client also subsequently set-up a update mechanism with FutureBridge, whereby they would receive regular updates on the emission regulations on a quarterly basis.

Sample Analysis



Future Regulation Analysis





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Thank you

North America

55 Madison Ave, Suite 400 Morristown, NJ 07960 USA T: +1 212 835 1590

Europe

328-334 Graadt van Roggenweg 4th Floor, Utrecht, 3531 AH Netherlands T: +31 30 298 2108

United Kingdom

5 Chancery Lane London EC4A 1BL United Kingdom T: +44 207 406 7548

Asia Pacific

Millennium Business Park Sector 3, Building # 4, Mahape Navi Mumbai 400 710 India T: +91 22 6772 5700

FutureBridge