

**Case Study** 

Client	A leading automotive components and system manufacturer
Industry	Automotive & Transport
Products	Interior electronics, automotive safety, powertrain, and chassis components

#### Context

- The client wants to understand the current and future (2025) gasoline turbocharger industry for passenger vehicles and acquire an overview on the complete landscape of specific products and future outlook of these products by 2030.
- The client seeks to gain insights on major trends with regard to technology development and region-specific volume split, and determine the demand for gasoline turbochargers from high-grade HEV applications until 2025.

#### **Key Business Questions**

- Gasoline turbocharger (passenger vehicles) trends and market sizing
  - Present, 2025, and 2030
- Technological development and impact across the industry region-specific
  - Present, 2025, and 2030
- Impact of parallel hybrid vehicles on the turbocharger industry
- Future development and dominance of pure battery electric vehicles in the industry
- Influence of hybrid vehicles on the growth of the gasoline turbocharger industry
- Market dynamics of using gasoline turbochargers in conjunction with EVs in a parallel hybrid architecture

# **Engagement Scope**



- Market analysis of gasoline turbochargers and their demand in the coming years
- Technological analysis of various systems and components of vehicles

## 2 Competitive Intelligence

- How are companies in the gasoline turbocharger industry adapting to the changing market dynamics?
- How have suppliers and OEMs strategized their product offerings to address future market demands?
- What changes are being implemented in turbochargers to cater to future requirements?

## 3 **Market Analysis**

- Thorough understanding of factors that will drive the growth of powertrain and exhaust systems as well as factors that could necessitate changes in current systems
- Ascertain the market potential for powertrain and exhaust systems across different regions

# **Key Findings and Conclusion**

- Current and future outlook (2025 and 2030) with regard to technological development and adoption of gasoline turbochargers for passenger vehicles
- Global and region-specific volume and product split
- Impact of parallel hybrid and battery electric vehicles on the turbocharger industry

# Research Methodology

## **Secondary Research**

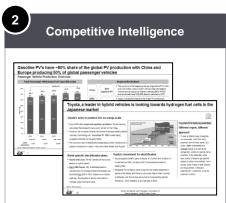
- Conducted desk research to understand the overall market of gasoline turbochargers for passenger vehicles
- Referred to paid databases and identified patents for gaining information regarding the industry and recent technological developments
- 40+ telephonic interviews conducted with industry experts, OEMs, tier 1 & 2 suppliers, associations, and distributors

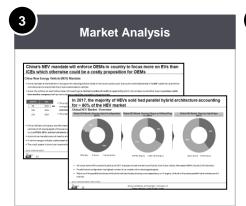
#### **Benefits to Client**

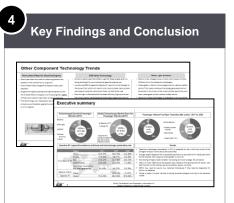
- Detailed understanding of the current and future technological developments, and adoption trends of gasoline turbochargers for passenger vehicles
- Global and regional-specific current and future market size of gasoline turbochargers
- Information with regard to the architectural change of parallel hybrid vehicles in the coming years and their impact on the gasoline turbocharger industry
- In-depth analysis on the influence of pure electric and hybrid vehicles on the gasoline turbocharger industry

# Sample Analysis









**FutureBridge** 

# Thank you

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