

Global Battery Housing Market:
Analysis By Material (Non Metallic &
Metallic), By Battery Type (Lithium
Ion, Lead Acid & Others), By Vehicle
Type (Passenger, Commercial &
Others), By Region, Size and Trends
with Impact of COVID-19 and Forecast
up to 2028

March 2023



Global Battery Housing Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Global Market Analysis

Regional Analysis

Impact of COVID

Dynamics

Competitive Landscape

Company Profiling

Global Battery Housing Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Battery Housing Market: Analysis By Material (Non Metallic & Metallic), By Battery Type (Lithium Ion, Lead Acid & Others), By Vehicle Type (Passenger, Commercial & Others), By Region, Size and Trends with Impact of COVID-19 and Forecast up to 2028
Coverage	Global and Regional
Regional Coverage	Asia Pacific , North America, Europe, ROW
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Highly Fragmented
Key Players	Magna International Inc. SGL Carbon SE, Novelis, Inc., Constellium SE, Nematik SAB De CV, Gestamp Automocion, S.A., UACJ Corporation, GF Linamar LLC, Minth Group, Thyssenkrupp AG, Proterial, Ltd., TRB Lightweight, Ling Yun Industrial Corp Ltd. and Hoshion

Global Battery Housing Market: Coverage

Executive Summary

Battery housing is the protective casing or enclosure that holds a battery. It is intended to protect the battery from external causes such as moisture, dust, and physical damage, as well as to provide thermal management to ensure the battery's safe and effective performance. The global electric vehicle battery housing market is expanding due to a growing preference for reducing vehicle weight through the use of lightweight materials. The global battery housing market was valued at US\$3.51 billion in 2022 and is expected to be worth US\$18.03 billion in 2028.

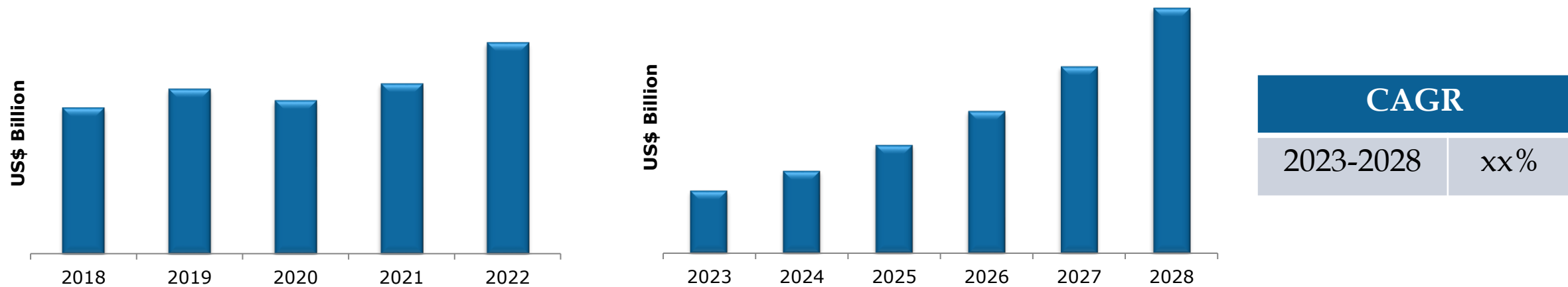
Global battery housing market can be classified on the basis of material (non metallic & metallic), battery type (lithium ion, lead acid & others) and vehicle type (passenger, commercial & others). Passenger vehicles held the highest share in the global battery housing market in 2022. Factors such as rising demand for zero-emission vehicles, government initiatives, and improved charging infrastructure are driving the expansion of passenger vehicles, and hence the battery housing market.

The pandemic has disrupted the supply chain for battery housing manufacturers, as many of the components needed for production are sourced from countries with strict lockdown measures. Additionally, the pandemic has led to a reduction in the production capacity of EV manufacturers, leading to a decrease in demand for EV battery housing. On the other hand, the pandemic has also created opportunities for the EV battery housing market. The increasing demand for electric vehicles and the growing trend towards sustainable transportation would drive the market's growth in the long run.

Global battery housing market is expected to show a significant increase during the forecasted period, i.e. from 2023 to 2028. The growth can be attributed to increasing demand for EVs, growing public charging infrastructure, increasing demand and declining prices of Li-Ion battery, increasing government support, and advancements in battery technology. However, some challenges are also impeding the growth of the market such as lack of standardization and development of electric roads.

Battery Housing Market: Global Analysis

Global Battery Housing Market by Value



Global battery housing market valued at US\$... billion in 2022, increased as compared to US\$... billion in 2021. Global battery housing market is anticipated to reach up to US\$... billion by 2028, at a CAGR of%, from US\$... billion in 2023.

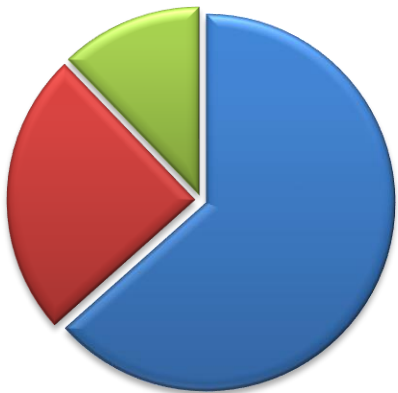
Battery Housing Market: Global Analysis

Global Battery Housing Market by Material; 2022



Material	Share
Non Metallic	xx%
Metallic	xx%

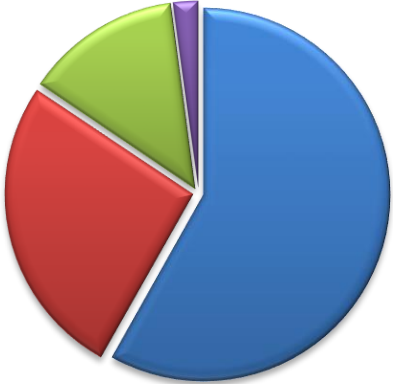
Global Battery Housing Market by Battery Type; 2022



Battery Type	Share
Lithium Ion	xx%
Lead Acid	xx%
Other	xx%

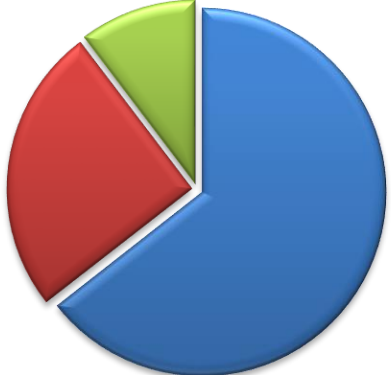
Battery Housing Market: Global Analysis

Global Battery Housing Market by Region; 2022



Region	Share
Asia Pacific	xx%
Europe	xx%
North America	xx%
Rest of the World	xx%

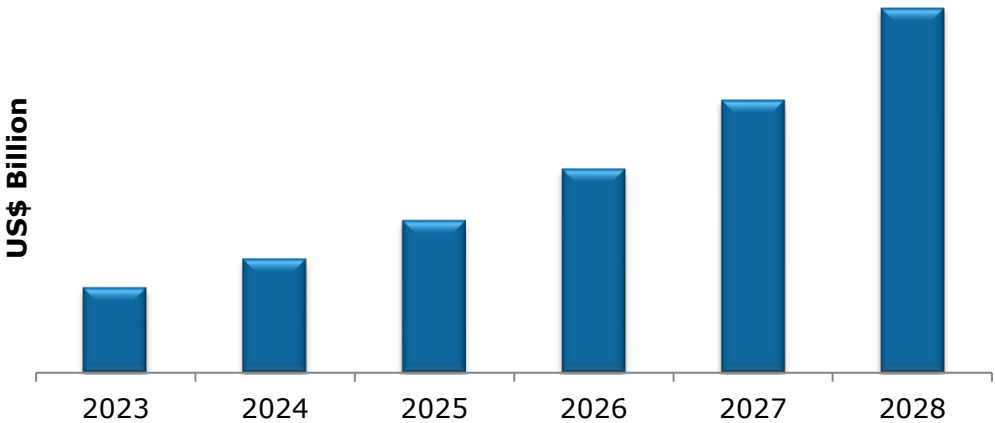
Global Battery Housing Market by Vehicle Type; 2022



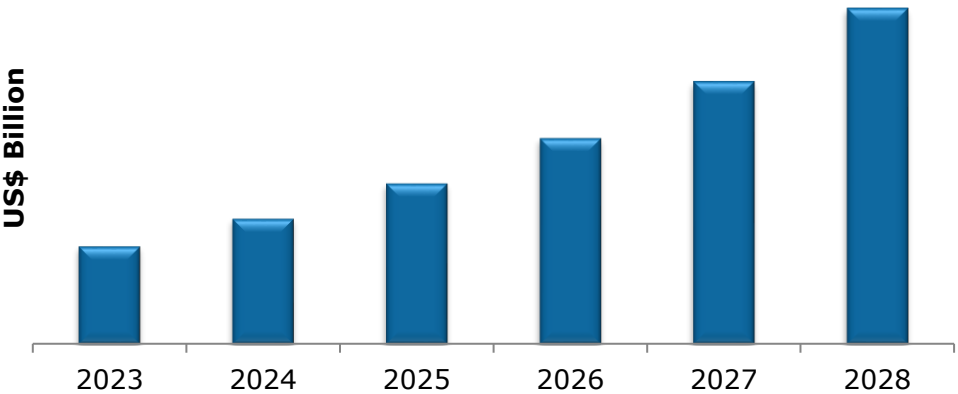
Vehicle Type	Share
Passenger	xx%
Commercial	xx%
Other	xx%

Global Battery Housing Market: Material Analysis

Global Non Metallic Battery Housing Market by Value



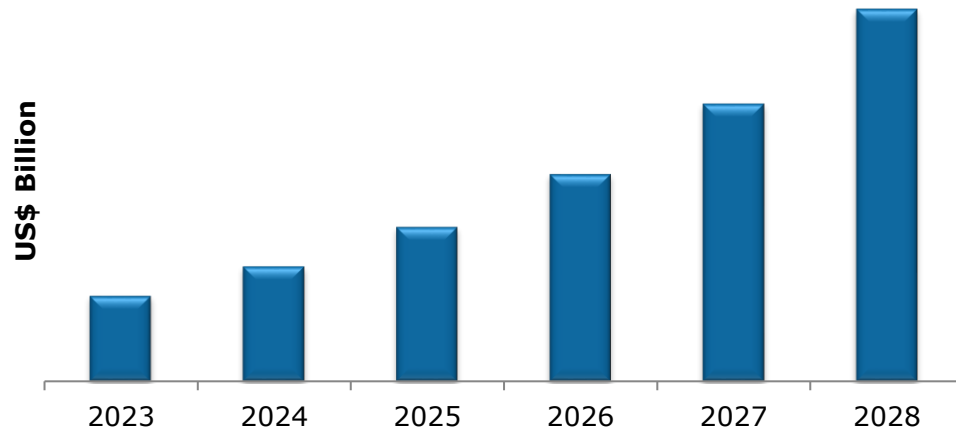
Global Metallic Battery Housing Market by Value



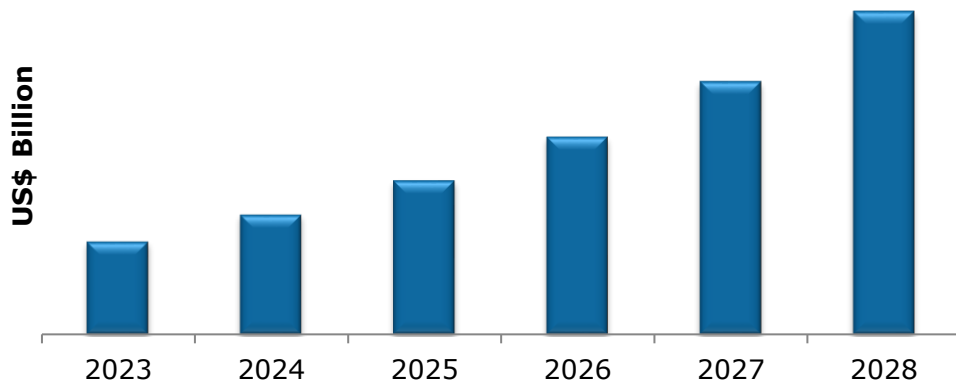
Material	CAGR (2023-2028)
Non Metallic	xx%
Metallic	xx%

Global Battery Housing Market: Battery Type Analysis

Global Lithium Ion Battery Housing Market by Value



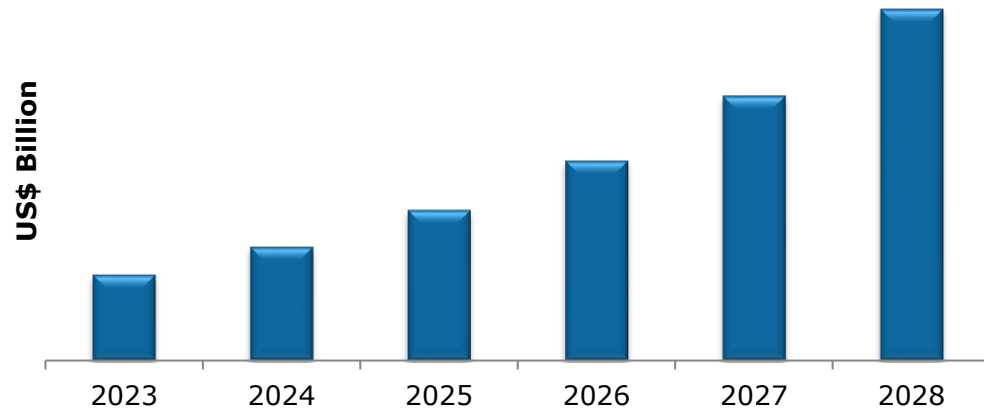
Global Lead Acid Battery Housing Market by Value



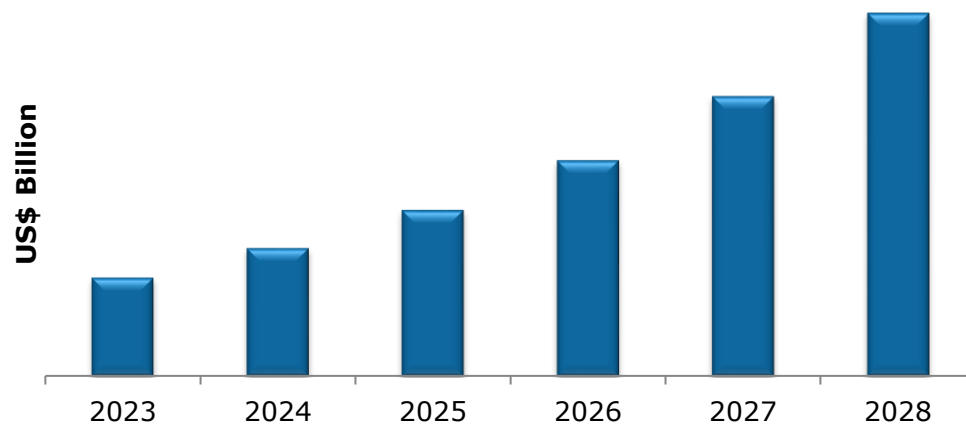
Battery Type	CAGR (2023-2028)
Lithium Ion	xx%
Lead Acid	xx%
Other	xx%

Global Battery Housing Market: Vehicle Type Analysis

Global Passenger Battery Housing Market by Value



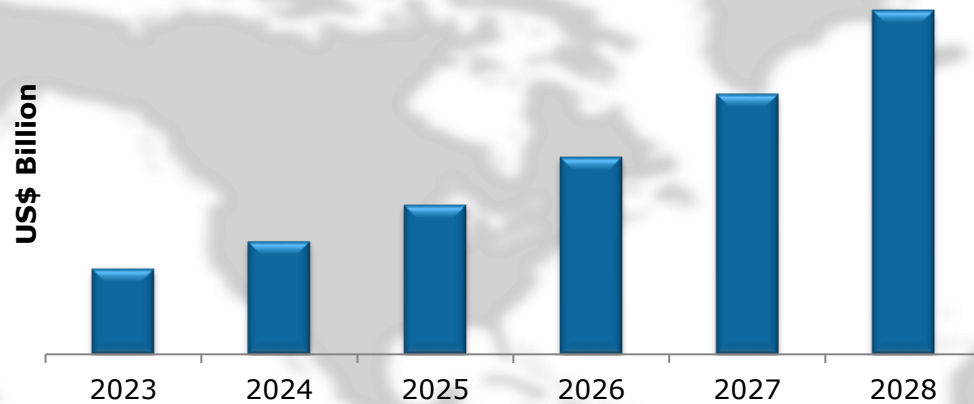
Global Commercial Battery Housing Market by Value



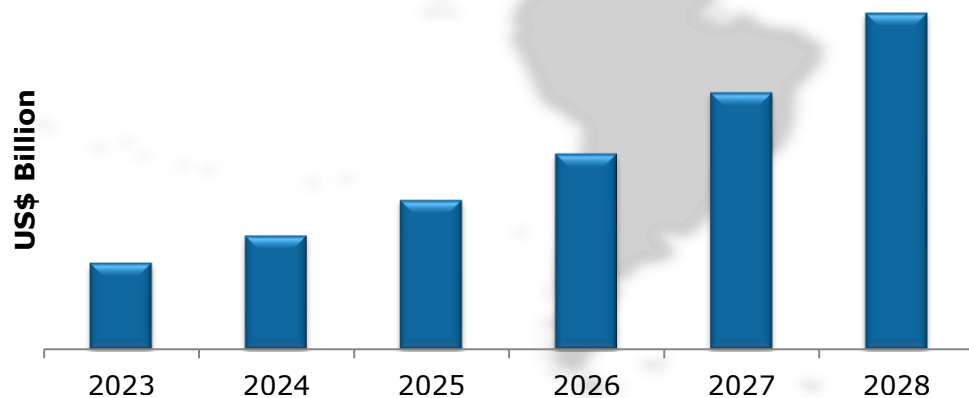
Vehicle Type	CAGR (2023-2028)
Passenger	xx%
Commercial	xx%
Other	xx%

Battery Housing Market: Regional Analysis

Asia Pacific Battery Housing Market by Value



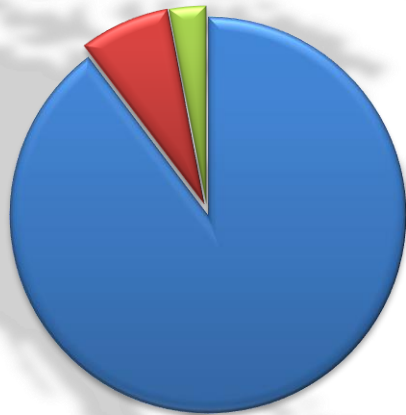
Europe Battery Housing Market by Value



Regions	CAGR (2023-2028)
Asia Pacific	xx%
Europe	xx%
North America	xx%
Rest of the World	xx%

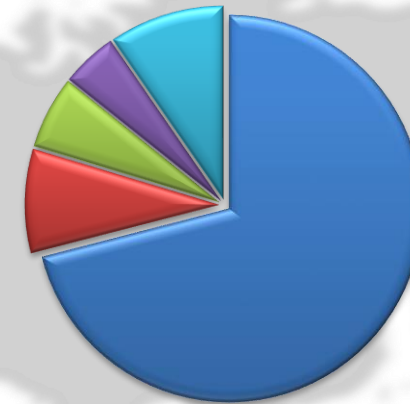
Battery Housing Market: Regional Analysis

North America Battery Housing Market by Region; 2022



Region	Share	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

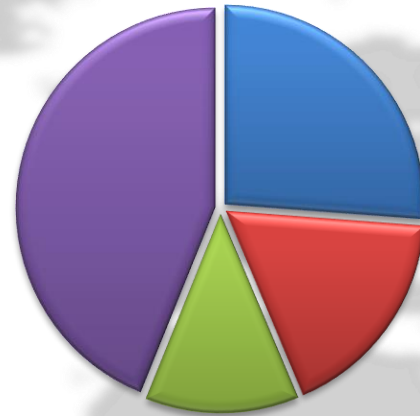
Asia Pacific Battery Housing Market by Region; 2022



Region	Share	CAGR (2023-2028)
China	xx%	xx%
Japan	xx%	xx%
South Korea	xx%	xx%
India	xx%	xx%
Rest of Asia Pacific	xx%	xx%

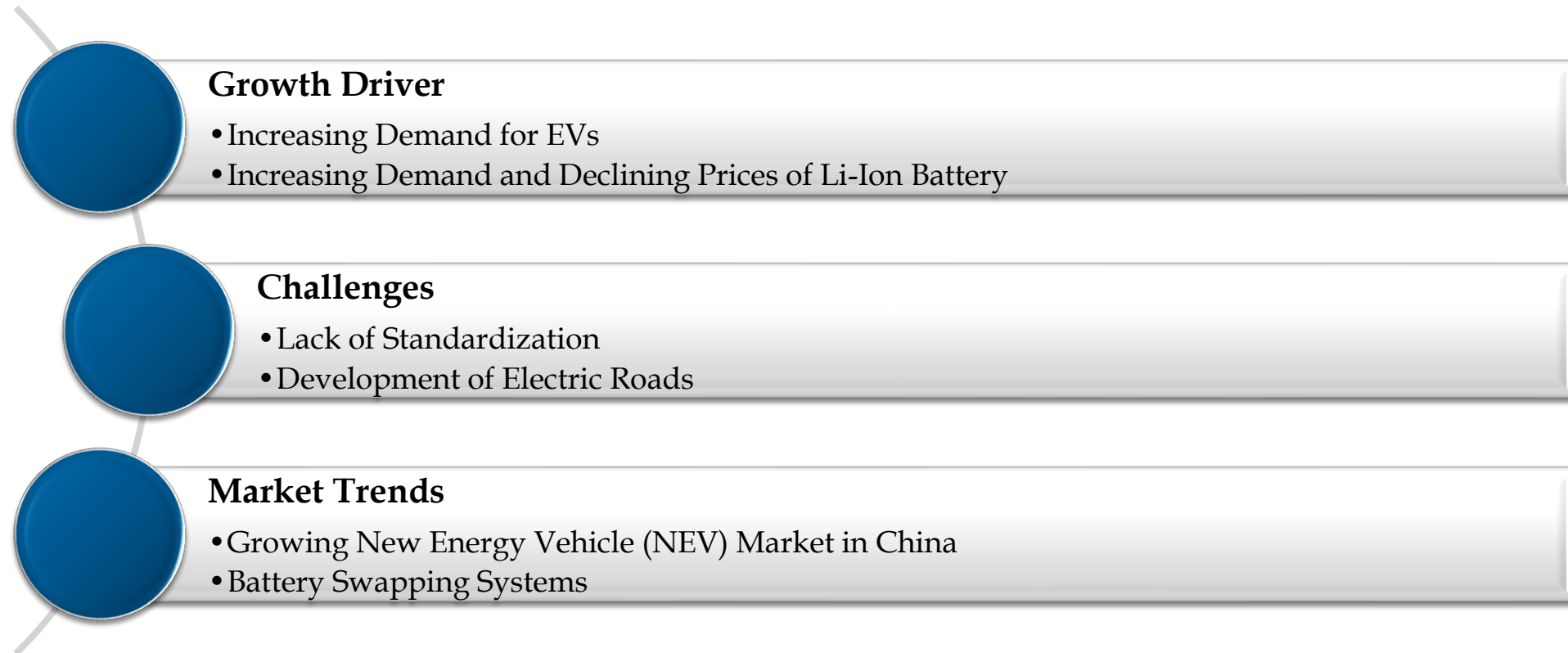
Battery Housing Market: Regional Analysis

Europe Battery Housing Market by Region; 2022



Region	Share	CAGR (2023-2028)
Germany	xx%	xx%
Italy	xx%	xx%
UK	xx%	xx%
Rest of Europe	xx%	xx%

Global Battery Housing Market: Dynamics



Global Battery Housing Market: Competitive Landscape

Players Profiled

- ❑ Magna International Inc.
- ❑ SGL Carbon SE
- ❑ Novelis, Inc.
- ❑ Constellium SE
- ❑ Nemak, S.A.B. de C.V
- ❑ Gestamp Automocion, S.A.
- ❑ UACJ Corporation
- ❑ GF Linamar LLC
- ❑ Minth Group
- ❑ Thyssenkrupp AG
- ❑ Proterial, Ltd.
- ❑ TRB Lightweight
- ❑ Ling Yun Industrial Corp Ltd.
- ❑ Hoshion

Global Battery Housing Players by Market Share; 2022 & 2025

