

# How to recover earnings in the automotive segment

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SUMITOMO ELECTRIC GROUP



#### **FY2022 2H priority issues**

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1	Contribution to profit	<ul> <li>Recovery of earnings from current performance Negotiations with customers regarding soaring ocean freight and material prices, sure capture of rebounding customer demand in the 2nd half</li> <li>Out-and-out efficiency of assets Reduction of inventories, stringent selection of capital investment</li> <li>Secure earnings from existing businesses</li> </ul>
2	Improvement of reliability	<ul> <li>Further strengthening of manufacturing capabilities</li> <li>Strengthening of partnerships with OEMs that focus on CASE</li> </ul>
3	Demonstration of originality	<ul> <li>Strengthening and further cultivation of our unrivaled technology in the existing wiring harness business</li> <li><u>Manufacturing innovation</u></li> <li>Further development of Sumitomo-style work methods (work-style reforms, DX promotion)</li> </ul>
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- With an increasing trend of electrification in the overall market toward 2030, our sales of electric vehicle-related products have also expanded.
- In addition to the improvement of our mainstay business (low-voltage wiring harnesses and others), we also need to expand sales of CASE-related products (particularly in the electrification and connected areas).

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#### **To recover earnings**

We formulated the following three strategies:

1	Expansion of existing business by deepening our core technology
2	CASE-related product
3	Our group collective strength



### **1. Expansion of existing business** by deepening our core technology



#### Changes in volume of automobile production and wiring harness orders



## The wiring harness order volume is expected to increase at a faster pace than market growth.



#### Widespread use of aluminum wiring harnesses

#### [Why they are becoming popular] (1)Track record, (2)Competitive price, (3)Compatibility with existing parts



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### Manufacturing innovation: Split wiring harness

Existing integrated wiring harness



[Number of parts: 250]

Split wiring harness (4–5 sections)



<Advantages of split wiring harnesses>

- ① Simple form that is <u>easy to automate</u>
- ② <u>A wide variety of products can be created from a small number of parts.</u>
- ③ Avoidance of concentrated production; <u>diversification of risks and</u> promotion of local production for local consumption



# Cost comparison between a conventional wiring harness and a split wiring harness



#### wiring harness

After splitting

Split wiring harness

#### Initially, the cost temporarily increased due to splitting, but total cost is reduced today due to technical innovation.

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# **2. CASE-related product**



#### **CASE-related product: Electrification**

Our strength: infrastructure/communication/energy management, wiring, heat management, low/high frequency noise, vibration



We will promote development by overviewing the electric system of the entire industry from infrastructure to vehicles. <u>Sales target for new products in 2030: 200 billion yen</u>

#### **CASE-related product: Information and Connected**



We will promote comprehensive development from services to individual parts to realize a comfortable society. <u>Sales target for new products in 2030: 100 billion yen</u>

# **3. Our group collective strength**





#### New approach in the fusion area



#### **Expansion of CASE-related businesses**



#### Vision for 2030

[Message line]

#### We aim to expand the "Connected" business as a "Connecting" partner in mobility.

#### [Key words and key takeaways for the initiatives]

#### Secure earnings from existing businesses

- Extend the use of aluminum wiring harness
- Innovate manufacturing methods (new design concept, new manufacturing technique)

Expansion of businesses in the electrification and connected areas

• Display our group's collective strength

Strengthening of partnerships with OEMs







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