

For the Second Quarter of Year Ending March 31, 2023 (2Q FY2023) Summary of Consolidated Financial Results (Presentation)

November 24, 2022

Imasen Electric Industrial Co., Ltd.

Tokyo Stock Exchange Prime Market, Nagoya Stock Exchange Premier Market

Stock code: 7266



I. Summary of Consolidated Financial Results for 2Q FY2023

Director and Executive Officer Shuichi Horibe

II. Forecast of Consolidated Financial Results for the Year Ending March 31, 2023

Director and Executive Officer Shuichi Horibe

III. Medium- and Long-term Vision

President and Representative Director Takamitsu Sakurai

IV. Dividends

President and Representative Director Takamitsu Sakurai



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Millions of yen	2Q FY2022 Results	2Q FY2023 Results	Difference	Change
Net sales	43,270	45,859	+2,589	+6.0%
Operating profit	238	-1,137	-1,375	_
Ordinary profit	583	73	-510	-87.5%
Profit attributable to owners of parent	-63	-562	-499	-792.1%

Foreign exchange rates

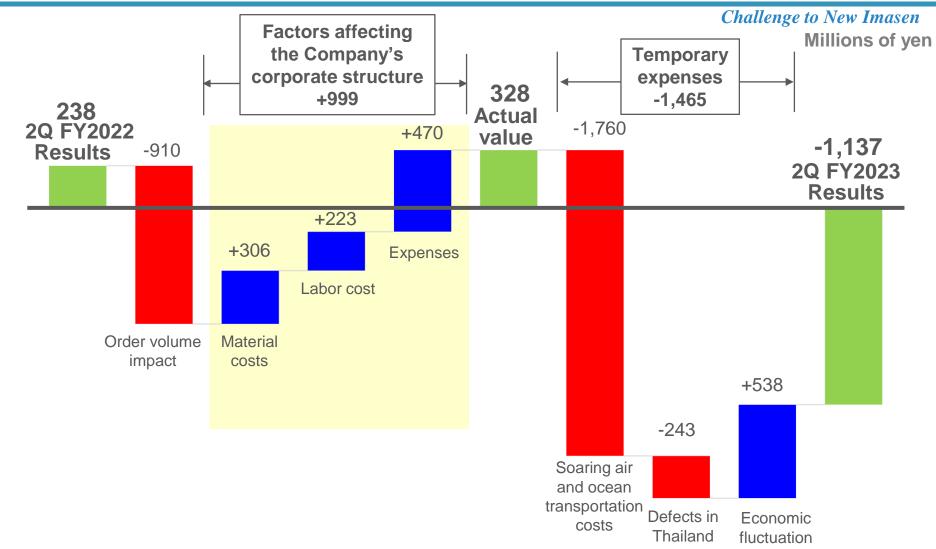
USD: 2Q FY2022: 107.82 \rightarrow 2Q FY2023: 123.14

CNY: 2Q FY2022: $16.67 \rightarrow 2Q FY2023$: 18.97

THB: 2Q FY2022: 3.50 \rightarrow 2Q FY2023: 3.65

Operating Profit for 2Q FY2023

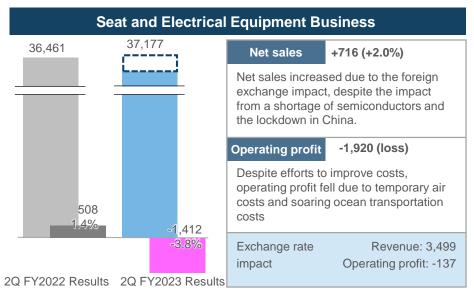


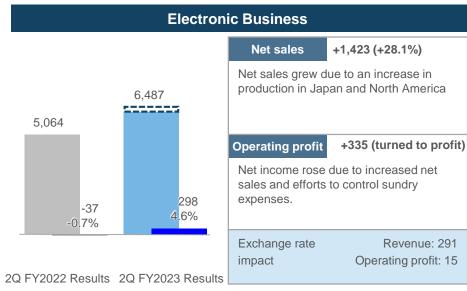


Despite efforts to improve expenses, an operating loss was incurred due to air costs that arose due to delays in shipping to North America and soaring ocean transportation costs worldwide.



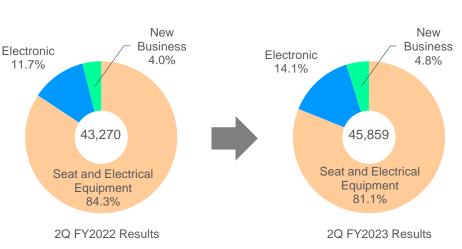
(Millions of yen)





New Business +450 (+25.8%) **Net sales** Net sales grew due to increased production in the harness business and image processing business +210 (decrease in loss) Operating profit Losses decreased due to higher net 2,195 sales and controlled sundry expenses 1.745 -23 -233 .0% -13.4% Revenue: 0 Exchange rate impact Operating profit: 0 2Q FY2022 Results 2Q FY2023 Results

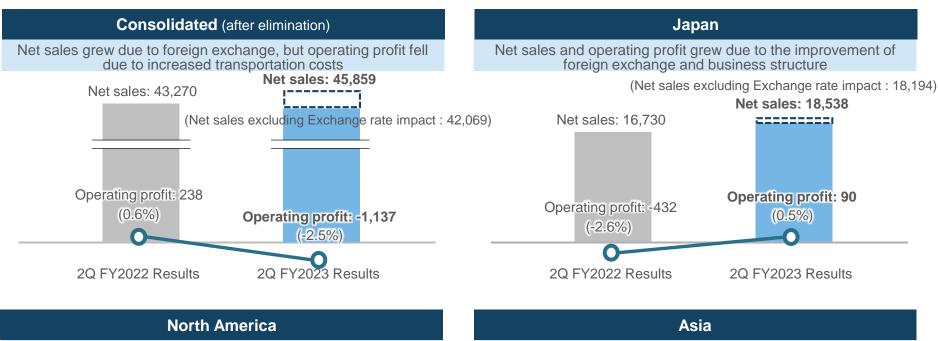
Composition of net sales by business type



 ${}^*\mbox{Includes}$ existing non-automobile-related business in New Business.

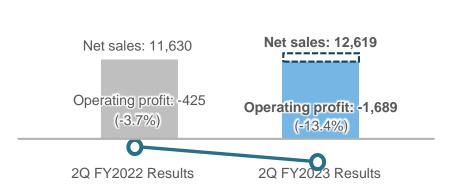


(Millions of yen)



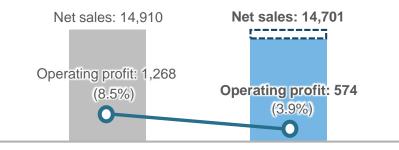
Net sales grew due to foreign exchange, but operating loss grew due to increased transportation costs

(Net sales excluding Exchange rate impact : 10,870)



Decrease in net sales and operating profit due to lockdowns in China

(Net sales excluding Exchange rate impact: 13,005)



2Q FY2022 Results

2Q FY2023 Results

Capital Expenditure and Depreciation for 2Q FY2023



Challenge to New Imasen

(Millions of yen)

Capital expenditure

2Q FY2022		2Q FY2023	Difference
	Results	Results	
Japan	1,221	545	-676
North America	136	229	92
Asia	544	344	-200
Total	1,901	1,117	-784

<Main investments during the current fiscal year>

- Japan
 Investment in equipment and software, mainly in the Electronic Business
- North America
 Launch of new products and investment in production automation
- Asia
 Investment in launch of new products

Depreciation

2Q FY2022 Results		2Q FY2023 Results	Difference
Japan	956	647	-310
North America	158	186	27
Asia	574	587	13
Total	1,689	1,419	-270

- Japan
 Decrease due to impairment loss in the previous fiscal year
- North America and Asia Increase in the previous fiscal year due to investment in the launch of new models and the transfer of production



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19.24

3.63

Millions of yen	FY2022 Results	FY2023 Revised forecast (Disclosed on November 7)	Difference	Change
Net sales	85,155	99,500	+14,345	+16.8%
Operating profit	-70	-650	-580	_
Ordinary profit	616	620	+4	+0.6%
Profit attributable to owners of parent	- 1,210	-730	+480	_
sign ge rates USC	FY2022 Results 109.90	Second-half forecast 135.00	Full-year forecast 129.07	

19.50

3.60

17.04

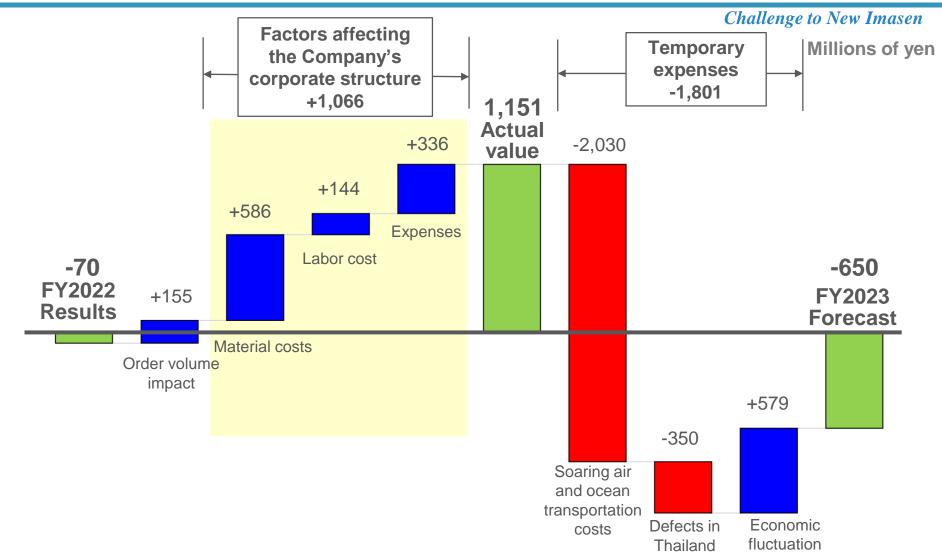
3.44

CNY

THB

Operating Profit for FY2023

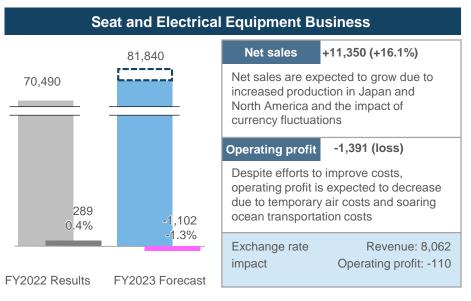


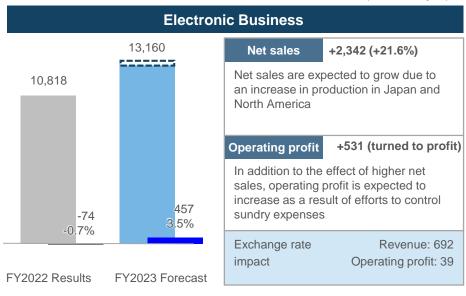


Increase in operating loss is also expected due to temporary factors for the improvement of production volume and cost-reduction activities



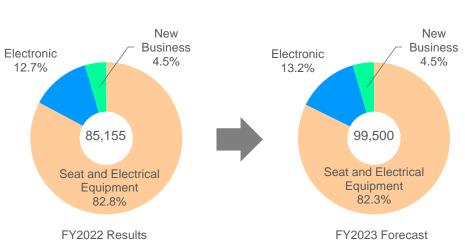
(Millions of yen)





New Business +653 (+17.0%) **Net sales** Net sales are expected to grow due to increase in the harness business and the image processing business +236 (decrease in loss) Operating profit 4.500 Losses are expected to decrease due 3,847 to controlled sundry expenses -242 -6 -6.3% -0.1% Revenue: 0 Exchange rate impact Operating profit: 0 FY2022 Results FY2023 Forecast

Composition of net sales by business type



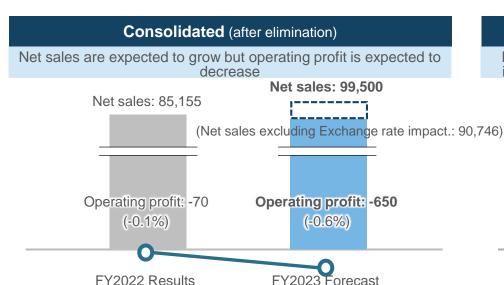
 ${}^*\mbox{Includes}$ existing non-automobile-related business in New Business.

Forecast by Regional Segment for the Year Ending March 31, 2023



Challenge to New Imasen

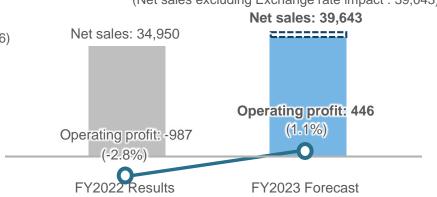
(Millions of ven)



Japan

Net sales and operating profit are expected to grow due to the increase in production and improvement of business structure

(Net sales excluding Exchange rate impact: 39,043)



North America

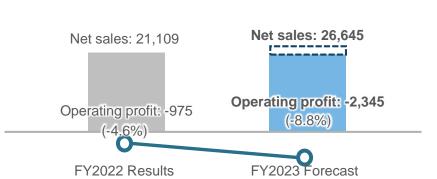
Expected to see an increase in production but operating profit is expected to decrease due to temporary transportation costs, etc.

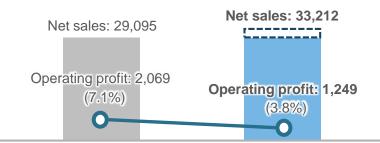
(Net sales excluding Exchange rate impact: 22,406)

Asia

Expected to see a decrease in operating profit due to defect expenses

(Net sales excluding Exchange rate impact: 29,297)





FY2022 Results

FY2023 Forecast



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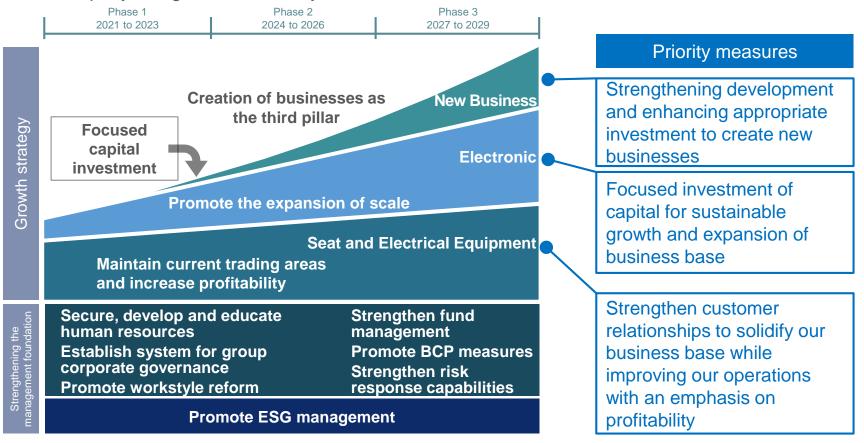
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Medium- and Long-term Management Plan 2029

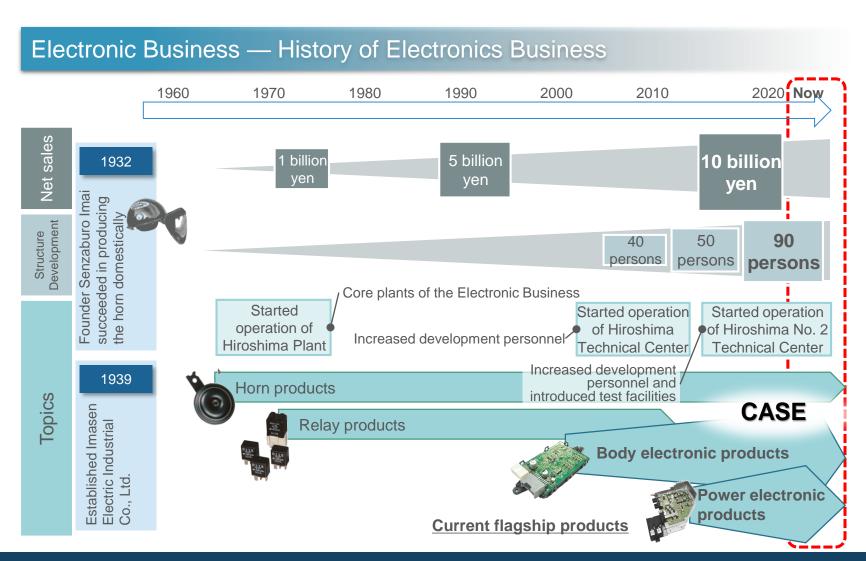
In April 2021, we formulated a new plan, "Medium- and Long-term Management Plan 2029," and started its activities.

By renewing our management philosophy and becoming a "company of choice for society," we aim to be a company that grows sustainably and forever.



Electronic Business





Taking on the challenge of the CASE era with electronic technologies based on the development capabilities and production technologies cultivated in horn and relay products

Electronic Business — Initiatives





While helping to enhance Mazda's product capabilities through unique new technologies and supporting changes in regional business formats as electrification advances, aim to realize rapid growth and sustainable development

(i) Establishment of a joint venture

- Mazda Motor Corporation and we establish a joint venture
- Combine Mazda's vehicle system development capabilities and multivariate production technologies with our electronic technology development capabilities
- Support the development of related products such as inverters and other electric drive units for use in electric vehicles that Mazda aims to launch on the market, development of production technologies, and business format changes for local companies

(ii) Joint development of inverters for electric vehicles

- Entered into a three-party joint development agreement among Mazda, ROHM Co., Ltd. and us to develop inverters that support Mazda's e-Axle concept
- ROHM is responsible for the development of SiC power semiconductor modules to support Mazda's performance requirements, including the miniaturization of inverters
- We are responsible for the development of inverters using our unique and high-efficiency technology by utilizing SiC power semiconductors
- The three companies will jointly develop power modules for key inverter components, aiming to create compact, highperformance, and high-efficiency electric drive units by incorporating the knowledge of each company

Establish a cooperative system with Mazda Motor Corporation for the development and production of electric drive units

Electronic Business — Initiatives

Overview of the Joint Venture

Name	Mazda Imasen Electric Drive Co., Ltd. (MIED)	
Address	2-14-1, Iida, Hachihonmatsu, Higashihiroshima, Hiroshima *In our Hiroshima Branch	
Representative	Satoru Tamai (seconded from Mazda)	
Summary	Development of inverters for vehicles and other technology related to electric drive units, development of production technology	
Capital	5 million yen	
Date of foundation	August 25, 2022	
Investment share	Imasen Electric Industrial Co., Ltd.: 50%, Mazda Motor Corporation: 50%	
Role	Second development engineers from both Imasen Electric and Mazda Mazda: Control from the viewpoint of vehicle system, design of installation (bus bar/housing, etc.) Development of elemental technologies such as power modules for inverters and battery cells, as well as multivariable production technologies Imasen: Provision of unit design, evaluation/production technology, as well as guidance on production technology such as circuit board mounting and sub-assembly of unit components to local companies in Hiroshima	

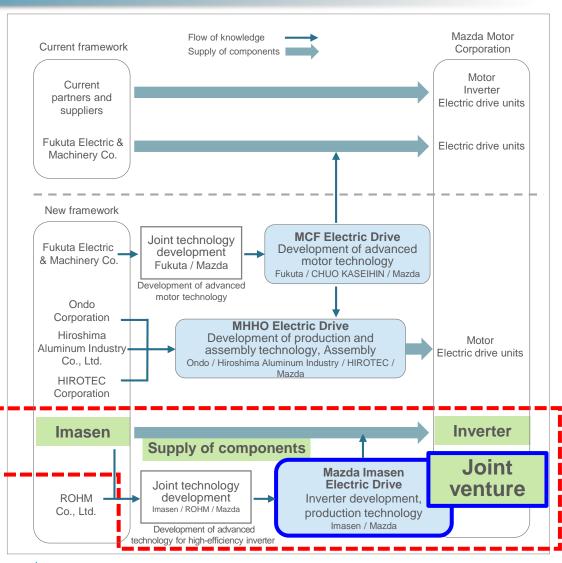


Electronic Business — Initiatives

Overview of a cooperative system with Mazda Motor Corporation for the development and production of electric drive units

In keeping with our (Mazda's) human-centered design philosophy, Mazda aims to make the most of the unique characteristics of electric vehicles to further enhance the driving experience and maximize driver enjoyment. In pursuit of this goal, Mazda has concluded a joint development agreement with Imasen **Electric Industrial and ROHM for the** development of inverters containing SiC power semiconductors, one of the core parts of an electric drive unit. Mazda has also established a joint venture with Imasen Electric Industrial to develop inverters and production technology for components such as circuit boards. (omitted) Joining forces with partner companies in possession of high-quality technology will allow Mazda to promote the development of compact, highperformance electric drive units that achieve high levels of efficiency.

(Quoted from Mazda's disclosure materials dated November 22, 2022)

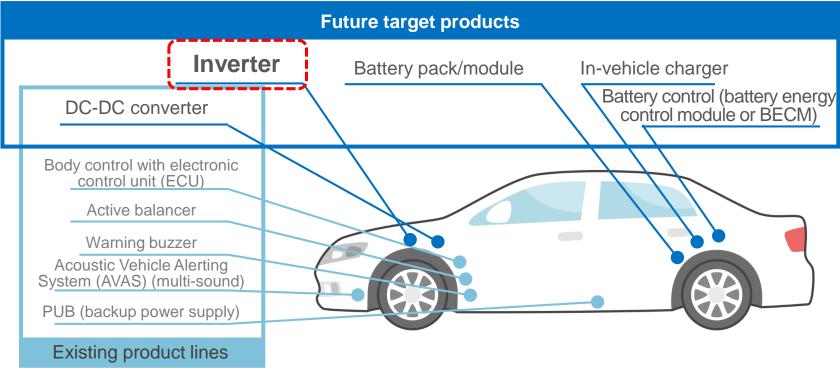




Electronic Business — Initiatives

Riding the wave of electrification to produce a second major product

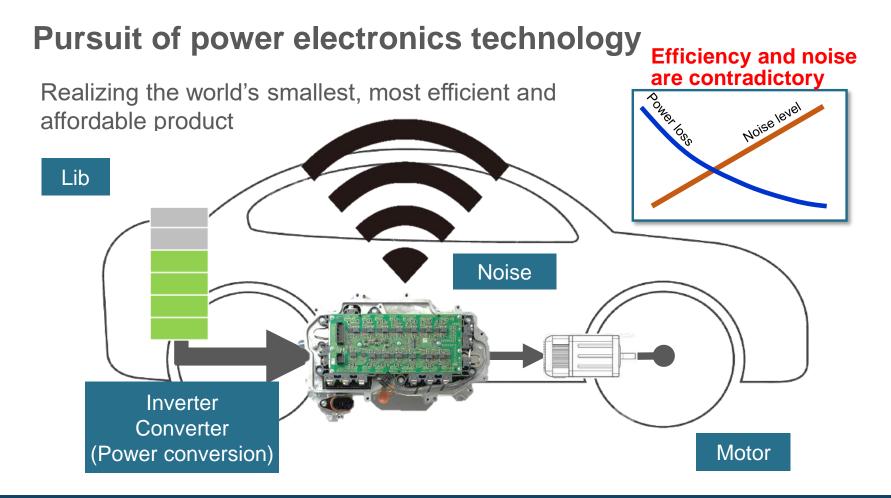




Aim for net sales of 100 billion yen in 2029 by expanding product areas through development investment, including increasing development personnel



Electronic Business — Initiatives



The biggest challenge is to eliminate contradictory events

Electronic Business — Initiatives

Achieving a high level of flexibility in vehicle layout, energy costs and weight reduction

V

World's most electrified technology

Flexibility in vehicle layout

Next-generation

inverter

[Value]
5% improvement in electricity costs
@ WLTC mode

[Target (efficiency improvement)]
Realize the industry's fastest carrier frequency

Electricity cost

Weight reduction and cost reduction

[Value]

Ensuring flexibility in vehicle layout with an ultracompact inverter

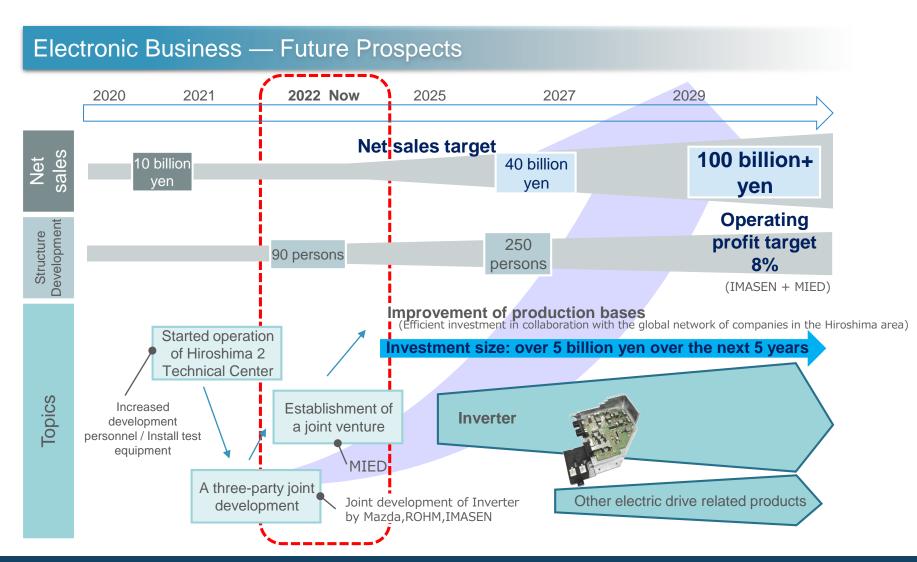
[Target (downsizing)]
Develop original technology
for miniaturization of
smoothing capacitors

[Value]

- System cost reduction
- Vehicle system cost reduction and improvement in development efficiency

[Target (noise reduction)]
Develop low-noise, nextgeneration power
semiconductors





Develop the Electronic Business into a second pillar with inverters and other products for electric vehicles

Electronic Business — Summary of Business Objectives

Our vision for 2029

Net sales target: 100 billion yen+

Operating profit target: operating margin 8%

Development personnel: 250 persons

Capital expenditure: over 5 billion yen in 5 years

Aim to achieve Medium- and Long-term Management Plan 2029 by the final fiscal year

^{*}This is the target value for the Electronic Business.

Seat and Electrical Equipment Business

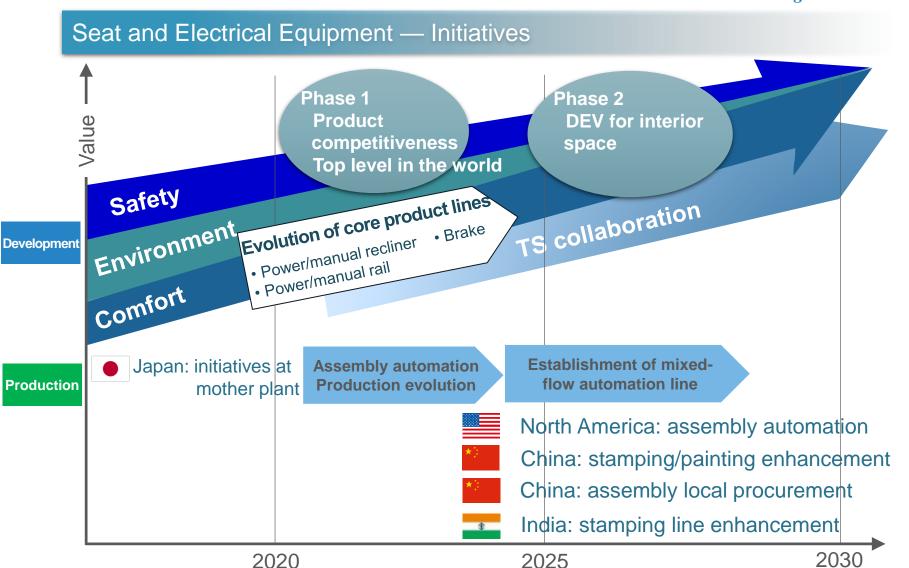


Seat and Electrical Equipment — Business Environment

2009 2014 2025 2030 Changes in the ◆ Changes in ◆ Accelerated weight safety assessment reduction due to CO2 and market value fuel efficiency reductions Connected Carbon neutral Lightweight -150kg ファイブスター賞 Autonomous エンジン/CVT/電装 約10% JUCUS Lightweight エクステリア 約12% Approx -80kg Shared & services **Improving** インテリア 約13% product appeal +70kg Electric 性能進化 ボディ 約45% 装備充実 燃費向上 There is an increasing need for weight The concept of the car has Difficult to differentiate reduction and competition with changed and the value **Points** in terms of mechanical competitors is intensifying in terms of required has changed performance (strength) performance and weight Local evolution **Price competition Rise of Local Players Threat** Competitor Intensified China and India with local players competition Capital and business alliance with TS TECH Co., Ltd. in **Opportunity and I**masen strength (Development, manufacturing, sales expansion, delivery)

Expand regional supply capacity and joint development of future technologies to expand the range of orders received





Develop competitive core products and develop products for the CASE era, optimal procurement and provision in each region

New Business

New Business — Concept

In an era where people live to 100, the way of walking is diagnosed from a scientific point of view and contributes to improve people's quality of life (QoL)

Health







Medical care





Phase 1 [2021 –2023] Start-up of new business (walking business)

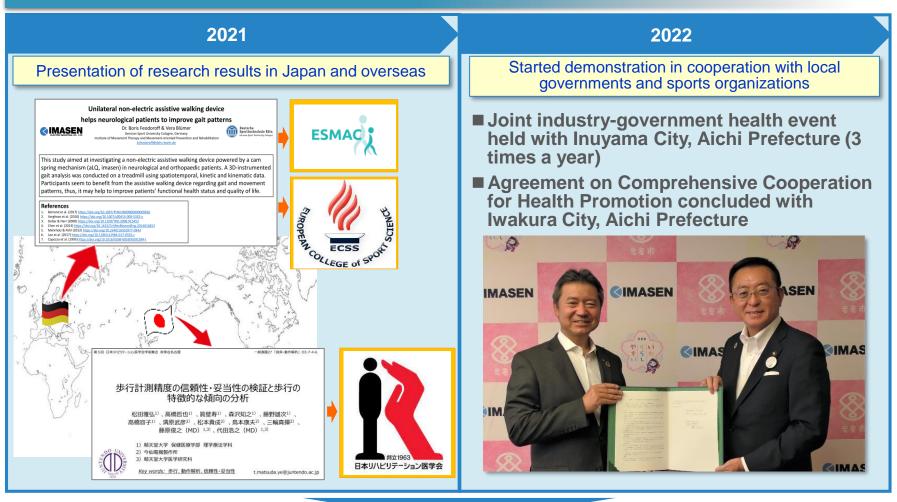
Phase 2 [2024 –2026] (walking business)

Phase 3 [2027 –2029] **Grow into the third pillar** (healthcare business)

Establishment of new businesses



New Business — Phase 1 (2021 to 2023) Initiatives



ESG promotion



ESG Promotion — IMASEN Sustainable Plan 2030

Agree with the SDGs world view and contribute to a sustainable society



Environment

- Responding to Climate Change
- Effective Use of Resources
- Establishment of environmental management system
- Forest protection through paperless promotion





Imasen Sustainable Plan 2030







Social

- Responding to Changes in the Automotive Society
- Establishment of quality and technology that is in line with society
- Creating a rewarding work environment for all
- Activities that contribute to coexistence with society







Governance

- Fair and impartial management system
- Establishment of risk management system



Making the

Earth and IMASEN Sustainable

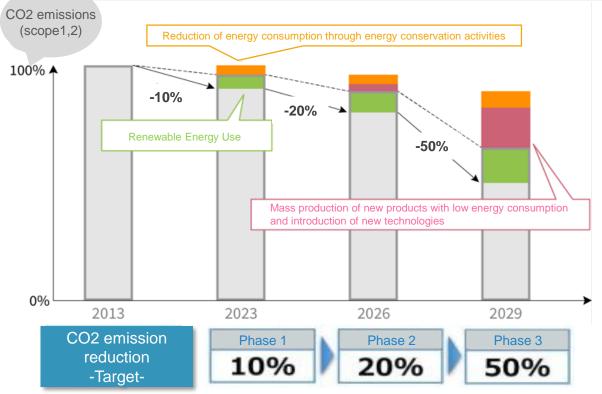
Our materiality issues are identified from a variety of social issues, and company-wide activities are carried out under 10 themes



ESG Promotion — Toward Reducing CO₂ Emissions

Phase 1 (2023) -10%	Phase 2 (2026) -20%	Phase 3 (2029) -50%
Realignment of domestic production base Development of energy conservation activities	Further introduction of high- efficiency equipment Establishment of low CO ₂ production lines	Mass production of low CO ₂ products (materials, methods, equipment)

Further introduction of renewable energy



[Status of initiatives]

- Develop company-wide energy conservation activities
 - Thorough power management
 - Air waste reduction activities
 - Preparation for introduction of highefficiency equipment
- Promote introduction of renewable energy
 - Preparation for installation of solar power generation system
- Develop low CO₂ products
 Environmentally friendly materials
 - Lightweight products
 - Processes that consume less energy
- ◇Prepare to respond to TCFD recommendations
 - Internal consistency in response to climate change

ESG Promotion — Initiatives

Product development that contributes to CO₂ reduction

At present, instead of compressed air, which is widely used to power production facilities, we are developing an energy-saving power system utilizing our mechanical and electronic technologies.

A prototype is scheduled to be installed at our plant in 2023.

Mechanical technology (Seat adjuster)

Synergies of the technologies possessed

Electronic technology (Electronic units)



Carbon neutral

ESG Promotion — Initiatives

Initiatives to shift electric power peak

In response to the power shortage this summer, we introduced a work schedule in which working hours were advanced by 1 to 3 hours in August and September.

This contributed to a 73,554 kWh peak power reduction in 2 months.



Donation of disaster stockpiles

As part of social contribution activities and efforts to reduce food loss from disaster stockpiles, we donated food that was about to expire to a non-profit organization in Inuyama City.



ESG Promotion — Initiatives

Initiatives for workstyle reform

Two new systems were introduced in April 2022 to create a better working environment.

■ Accrued paid leave system

Annual paid leave that disappears over the years can be accumulated to a certain extent and used in the event of injury or illness.

■ Interval system

Ensure a fixed rest period (interval) from the end of the previous day's work to the start of the next day's work.

Intention

- Creating a safe working environment
- Further acquisition of paid leave

Intention

- Reduce physical burden on employees and ensure their health
- Enhance work-life balance

DX Initiatives

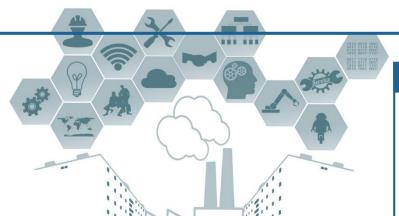
DX Initiatives

■ Launch of DX Project Team

A project team was formed to efficiently promote company-wide DX in order to achieve the Company's target of having "Business transformation for sustainable growth" in Medium- and Long-term Management Plan 2029, and activities began in April 2022.

Outline of initiatives

- Cultivate 130 people, or 20% of indirect employees, as DX human resources to raise our level of IT literacy
- Stabilize operating margin early through digital transformation (5 to 6%)
- Start establishing smart factories in 2025, etc.



What we want to be in 2029

Enhance corporate value through the establishment of a corporate culture and climate in which employees voluntarily take on challenges based on reliable information through the use of digital technology



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➤ Initiatives to improve corporate value

Early recovery and improvement of business performance is the first priority Work for future growth with a view to establishing the three businesses set forth in the Medium- and Long-term Plan 2029

Items	By business segment	Specific measures
	Soot Kiigingge	Initiatives for sustainable growth: strengthening core technologies and developing products for electrification and automation
Corporate value	Electronic Business	Product development for electrification : development of inverters and other products in progress
	NAW BIISINASS	Establishing business in fields other than automobiles: walking business utilizing knowledge of welfare equipment



[Release on November 24, 2022]

Notice concerning determination of matters concerning acquisition of treasury shares

(Acquisition of shares under Articles of Incorporation pursuant to Article 165, Paragraph 2 of the Companies Act)

- Reasons for the acquisition of treasury stock
 The purpose is to improve the level of return to shareholders and improve capital efficiency.
- 2. Details of the matters pertaining to the acquisition
 - (1) Class of shares to be acquired: Our common stock
 - (2) Total number of shares to be acquired: Up to 1,150 thousand shares (5.00% of total shares outstanding [excluding treasury stock])

(3) Total cost of acquisition: Up to 850 million yen

(4) Period of acquisition: From November 25, 2022 to November 24, 2023

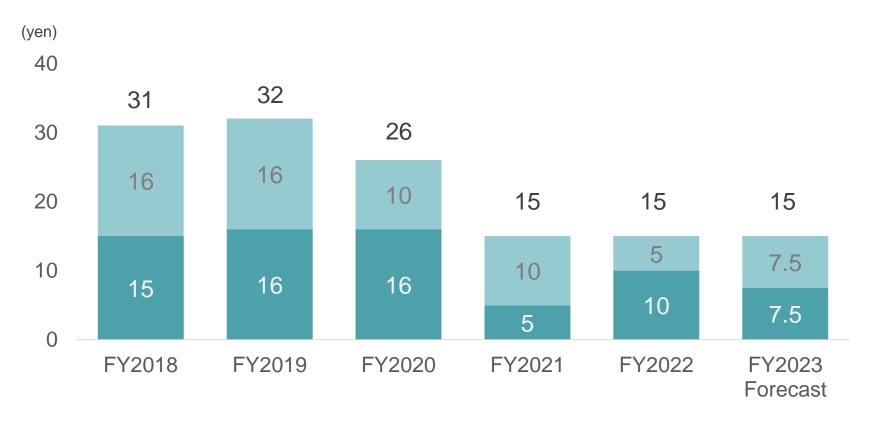
(5) Method of acquisition: Market purchase through the Tokyo Stock Exchange

(Reference) Ownership as of September 30, 2022

Total number of issued shares (excluding treasury stock): 23,018,832 shares Treasury stock: 456,520 shares

Dividend policy

Stable and continuous return of profits to shareholders while strengthening our financial position and management foundation in the process of maintaining sustainable growth





President's Blog — Sakurai Communication

https://www.imasen.co.jp/blog/

Picking up and disseminating information on IMASEN from the President's unique perspective



2022.09.19 #15 名田田エキスボ2022レポート 切さんにんたちは、中間は5月1日、10日とち点質の吹上ホールで開催された「名田田エ > オスポ2022.00の別ペートをお送り上まり、名田田エキスギニ| 2022.07.07 #14 お取引先替の21年度表彰を行いました



#15 名証IRエキスポ2022レポート

皆さんこんにちは。

今回は9月9日、10日と名古屋の吹上ホールで開催された「名証IRエキスポ2022」の現地レポートをお送りします。

名証IRエキスポ2022レポート



Official Twitter

@Imasen_Official

Tweeting information to rapidly spread it





Trust & Challenge

Challenge to New Imasen

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- Forward-looking statements in this document, including earnings forecasts, are estimates and projections based on information currently available to the Company, and are subject to risks and uncertainties.
- Actual results may differ from forecasts due to various factors.

○ For IR inquiries, please contact:

IR personnel, Business Planning Section, Global Management Business Unit, Imasen Electric Industrial Co., Ltd.

TEL: +81 568-67-1517

URL: https://www.imasen.co.jp/contact/