In May 2019, Mazda declared its support for the recommendations from the Task Force on Climate-related Financial Disclosures (TCFD)¹ and joined the TCFD Consortium,² showing its commitment to strengthening its efforts to address climate change. In addition, in January 2021, the Company announced that it would endeavor to achieve carbon neutrality throughout the entire supply chain by 2050. Mazda’s major initiatives to address climate change in accordance with the TCFD recommendations³ are as follows.

### Governance

- a) Board’s oversight of climate-related risks and opportunities
- b) Management’s role in assessing and managing climate-related risks and opportunities

### Transition Risk

Taking on the challenge of achieving carbon neutrality by 2050, we have assigned a director to oversee Mazda’s decarbonization strategy and executive officers to be in charge of carbon neutrality. In 2021, Mazda formed a specialized team (hereinafter referred to as Specialized Team) dedicated to carbon neutrality matters. At its head is the Corporate Strategy Office working closely with the Specialized Team composed of members involved in products, manufacturing, purchasing, logistics, sales and recycling. Under the supervision of the officers in charge of decarbonization, the Corporate Strategy Office has been leading the team, which formulated and promoted strategies from a Life Cycle Assessment (LCA) perspective for responding to risks and opportunities selected based on Intergovernmental Panel on Climate Change (IPCC) and International Energy Agency (IEA) scenarios and trends, while also considering the investment and expenses required for such initiatives and response schedules.

In April 2023, some of the functions of Corporate Strategy Office and Product Strategy Division were integrated to newly established Corporate Strategy Division, which has a new department to promote CN strategy. Under the leadership of this department, existing specialized team will formulate strategies in respective areas of expertise of its members and implement plans based on the strategies that have been formulated so far. In addition, in order to promote the execution of plans throughout the company, we have started the management to integrate CN into the existing ISO 14001 Environmental Management System (EMS). In the area of products and technologies, the newly established department in Corporate Strategy Division will promote planning consistent with company-wide strategies. The CN strategies are deliberated⁴ over at the Executive Committee Meetings and the Board of Directors attended by the Representative Directors and President. Also, issues concerning sustainability including the initiative for climate change are reported to the Board of Directors in a timely and appropriate manner.

### Physical Risk

Torrential rain disaster response, which is an acute physical risk associated with climate change, has been managed as part of our Business Continuity Plan (BCP) under our emergency risk management structure.

In addition, in response to concerns about storm surges and water depletion, which are chronic physical risks, we are promoting reinforcement of seawall infrastructure and water resources conservation efforts in our operation led by the specialized departments.

### Management System to Promote Carbon Neutrality

<table>
<thead>
<tr>
<th>Board of Directors</th>
<th>Report &amp; Debate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Executive Committee Meeting</td>
<td>Report &amp; Debate</td>
</tr>
<tr>
<td>Corporate Strategy Div., CN Strategy Dept.</td>
<td>Cooperate</td>
</tr>
<tr>
<td>Develop CN strategy</td>
<td>Cooperate</td>
</tr>
<tr>
<td>Specialized CN team (selected from related department)</td>
<td>Cooperate</td>
</tr>
<tr>
<td>Group Companies</td>
<td>Suppliers</td>
</tr>
<tr>
<td>Departments within Mazda</td>
<td>Formulate and execute CN plan @Promote under EMS</td>
</tr>
</tbody>
</table>

### Emergency Risk Management Structure

<table>
<thead>
<tr>
<th>Representative Director and President</th>
<th>Executive Officer in charge of Risk Management</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Response Taskforce</td>
<td>Departments within Mazda</td>
</tr>
<tr>
<td>Mazda Group companies</td>
<td></td>
</tr>
</tbody>
</table>

For incidents that fall outside the scope of existing risk management organizations and require a coordinated interdepartmental response, the executive officer in charge of risk management will consult with the president, establish an emergency response taskforce, and appoint a general manager for this taskforce.

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¹ TCFD: Task Force on Climate-related Financial Disclosures
² TCFD Consortium
³ TCFD Recommendations
⁴ Intergovernmental Panel on Climate Change (IPCC)
⁵ International Energy Agency (IEA)
Based on IPCC and IEA scenarios, policy and regulatory trends, and industry trends, Mazda formulated a scenario based on its own assumptions and recognized the following as the main risks and opportunities.

### Major Risks and Opportunities

<table>
<thead>
<tr>
<th>Transition Risks</th>
<th>Policy and Legal</th>
<th>Technology</th>
<th>Market</th>
<th>Reputation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Stricter regulations on fuel economy and exhaust gas emissions, carbon pricing, including introduction of carbon tax</td>
<td>Increase in resources to develop electrification technologies, including electric drive system or batteries</td>
<td>Rise in raw material prices for electrification and weight reduction and tight procurement of semiconductor components</td>
<td>Implications on investment decisions considering ESG by investors</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Physical Risks</th>
<th>Resource Efficiency</th>
<th>Energy Source</th>
<th>Products and Services, Markets</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute</td>
<td>Efficient use of raw materials through thorough material recycling</td>
<td>Stable reception of carbon neutral electricity by promoting the expansion of demand and supply of electricity</td>
<td>Deployment of products that suit each region through building block concept and multi-solution</td>
</tr>
<tr>
<td>Chronic</td>
<td></td>
<td></td>
<td>Diversification of products that adapt to next-generation automobile fuels (alternative fuels such as biofuels, synthetic fuels, etc.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Expansion of market opportunities through deployment of product that suit each region and diversification of products</td>
</tr>
</tbody>
</table>

### Specific Initiatives

We are promoting the following initiatives to acquire opportunities and avoid/minimize risks.

**<To Acquire Opportunities and Avoid Transition Risks>**

#### Driving Development of Electrification Technology

During a period of transition to EVs up to around 2030, we see our Multi-Solution approach to be effective. We offer a variety of solutions, including internal combustion engines, electrification technologies and alternative fuels, so we can provide appropriate combinations that suit power generation conditions in each region. On the other hand, we expect Mazda’s EV ratio in our global sales in 2030 to be in 25 to 40%, considering each country’s electrification policies or more stringent regulations. Recently, various variable factors became apparent, such as regulatory tendencies, energy crises, and power shortages. Furthermore, it is extremely uncertain how each of these will develop in the future. As it allows us to be flexible and adaptive to coming changes, such as changes in regulations, consumer needs and acceptance levels, and infrastructure development, the following three-phase electrification approach will work for this uncertain situation. We will proceed with electrification step by step with the cooperation of our partner companies (*).”

**Phase 1 (2022 – 2024): Enhance technology development for the age of electrification**

By fully using our technology assets of multiple electrification technology, we will launch attractive products while also meeting market regulations. We will enhance our earning power with the introduction of Large products which is already launched, offering plug-in hybrids and diesel engines with a mild hybrid system that achieve both environmental and driving performance. In addition, we will develop technologies for EV in a full-fledged manner.

**Phase 2 (2025 – 2027): Transition to electrification**

In order to reduce CO2 by improving fuel economy in the phase of transition to EVs, we will introduce new hybrids, further refining our multi-electrification technologies. In addition to introducing vehicles dedicated to EVs in China where electrification is advancing, we will also begin launching EVs globally. As for internal combustion engines, we will boost efficiency to the utmost in preparation of the application of technology to further improve thermal efficiency and the possibility of the future use of renewable fuels.

**Phase 3 (2028 – 2030): Full-scale launch of EVs**

We move forward in our efforts for the full-fledged launch of pure EV models, we will also consider the possibilities, including investing in battery production based on the extent of changes in the external environment and progress in strengthening our financial foundation.
* About cooperation of our partner companies;
  * For the sustainable local economic growth and the successful transformation of electrification, Mazda has joined with local companies to establish a joint venture company for the purpose of developing the high-efficiency production technology required for the manufacture of electric drive units as well as for the production and supply of those units, as a first step of the development for electrification technologies of related components and the evolution entire supply chain in the Chugoku region.
  * Regarding the core parts of an electric drive unit such as inverters containing SiC power semiconductors and motor, Mazda has also established a joint venture with several partner companies in possession of high-quality technology.
  * Regarding the batteries, we will procure them from our partner companies while promoting research and development of our advanced battery technologies adopted by the Green Innovation Fund Project at our facilities.

**Initiatives to Expand Supply and Demand of CN Electricity in Chugoku Region**

In November 2021, Mazda participated in as chair company and began activities a part of the Carbon Neutral Electricity Promotion Subcommittee, which was set up as one of the special subcommittees under the Chugoku Region Carbon Neutrality Promotion Council, established by the Chugoku Economic Federation. In cooperation with member partners, we have formulated a roadmap to expand the supply and demand since FY 2023. From this fiscal year, related partners will collaborate and work toward the demonstration and implementation stage to realize the roadmap. As an example of the expansion of renewable electricity, in March 2023, we signed an offsite corporate power purchase agreement (PPA) using solar power generation with local companies. In addition, to promote the phase-out of coal-fired power generation, we will expand our efforts to the adjacent Shikoku region and participate in "Council for utilizing Namikata Terminal as a Hub for introducing Fuel Ammonia" to study the introduction of ammonia.

**Efforts for the Spread of Next-generation Bio-liquid Fuels**

We proactively promote industry-academia-government cooperation and tie-ups between companies to provide technical support for the spread of carbon-neutral next-generation biofuels. The Company has confirmed that such fuels have the same performance as petroleum-derived diesel oil and started using them in some of its diesel-powered company vehicles since 2020. In addition, we have developed the combustion-technologies compatible with both next-generation biofuels and conventional diesel oil, for the newest in-line 6-cylinder diesel engine equipped in CX-60. In order to ensure the reliability of engine components, we will proceed with the demonstration of the use of 100% bio-derived fuel at places such as Super Taikyu series, one of the motorsports in Japan. In addition, we have decided to subscribe to unsecured convertible bonds to be issued by Euglena Co., Ltd ("Euglena"). In January 2023, and we will support Euglena’s biofuels business that aims to expand the use of next-generation biofuels through the subscription. With a view to procuring next-generation biofuels to be manufactured in this project, Mazda will consider using them for logistics and other utilities in Mazda’s site.

**Reduction of CO₂ Emissions with Suppliers**

After explaining the challenges of CN to major business partners in Japan and overseas and promoting their understanding, we began collecting data on CO₂ emissions by Tier 1 suppliers in Scope 1 & 2 including logistics for delivery to Mazda since 2021. Given the current level of CO₂ emissions and the difficulty of reducing them vary depending on the types of suppliers’ businesses, we are working with them to draw a roadmap to achieve reduction targets.

< To Avoid/Minimize Physical Risks >

**Establishment of System for Rapid Response to Torrential Rain Disasters**

As part of our BCP, we are continuously improving our response in both tangible and intangible aspects in anticipation of natural disasters. On tangible aspect, we are taking a planned approach in reinforcing buildings, equipment, seawalls, etc., and on intangible aspect, promoting the introduction of a safety confirmation system, the development of an emergency contact network, and the construction of self-disaster-defense teams organization. In addition, for initial disaster response, we conduct joint drills with public fire departments and drills conducted by the in-house self-disaster-defense teams on its own.

In the supply chain, we have introduced the supply chain risk management system called "SCR (Supply Chain Resiliency) Keeper" in cooperation with our business partners to speed up initial response by quickly grasping on-site information in the event of a disaster. In addition, in the logistics network, we have established an emergency communication system with transportation companies and have established a system to minimize the impact on operations while coordinating with the production system based on the content of measures according to the impact ranking of typhoons and heavy rains.

**Future-oriented Measures to Maintain Seawall**

Our major plants in Japan (Hiroshima and Hofu) face the sea and rivers, therefore reinforcements and maintenance work of seawalls are carried out every year. In addition, we have completed the construction of seawalls for protection against flooding damages caused by the highest tide level and maximum tsunami height estimated by the prefecture in the event Nankai Trough earthquake.

**Water Resource Conservation in Anticipation of Water Resources Depletion**

We promote activities to eliminate wasteful water use and circulate water resources by treating used water so that it is the same quality as it was taken from nature. In order to implement its initiative of water resource reuse and recycling at a domestic model plant by 2030. We promote the further use of rainwater and recycled water as well.
Risk Management

a) Process for identifying and assessing climate-related risks
b) Process for managing climate-related risks
c) Status of integration of climate-related risk management processes into overall risk management

<Transition Risk>
We have identified major risks and opportunities based on scenarios from the IPCC and the IEA, government policies, regulatory and industry trends. Sharing progress and issues of initiatives in a bi-weekly meeting, the Specialized Team works to identify risks and conduct assessment processes. Strategies discussed during the meeting are deliberated over at the Executive Committee Meetings and the board of Directors attended by the Representative Director and President. In addition, Mazda regularly shares information on climate-related risks with suppliers through a shared platform.

<Physical Risk>
- We have established a system for rapid response to torrential rain and other disasters, and have been managing them as part of our BCP in the context of an emergency risk management system. In addition to these efforts, as torrential rain disasters have become more severe and frequent in recent years, we are enhancing our ability to collect weather forecasts and making it possible to make quick disaster prevention decisions based on a predetermined time schedule. In addition, we review our response every heavy rain season to improve our response capabilities.
- In response to concerns about storm surges and water resources depletion, we are promoting reinforcement of seawall infrastructure and water conservation efforts in the practice of specialized departments.
- In response to the heat waves that have become more frequent in recent years, we regularly measure and evaluate the heat environment of each workplace as part of employee health management, which leads to the maintenance and management of appropriate air conditioning equipment. In addition, we use heat insulating materials and heat-insulating paints in our buildings as environmentally friendly measures.
- As a measure against the spread of the epidemic, we developed a working rule to assume that employees and other families living with them become infected.

Metrics and Targets

a) Metrics used to assess climate related risks and opportunities
b) Scope 1, Scope 2, and Scope 3 greenhouse gas (GHG) emissions and the related risks
c) Targets and performance in managing climate-related risks and opportunities

<Global Warming Response>
To take on the challenge of achieving carbon neutrality throughout our entire supply chain, it will be essential to understand the GHG emissions of Scope 1, 2 and 3. In addition, it is possible that more stringent carbon pricing, including the introduction of carbon taxes, could impact finances. In order to run eco-friendly operations more effectively throughout the Mazda Group and its entire supply chain, we have started the management to integrate CN into the existing ISO 14001 Environmental Management System (EMS). In addition, we ask our suppliers to provide us with CO₂ emission data in Scope 1 & 2 as well as logistics at the time of delivery to us (Scope 3 Category 1 for Mazda) every year, and set targets together with them to manage the results.

<Conservation of Water Resources>
Water is essential in automobile manufacturing processes such as cooling (e.g. cooling furnaces in casting), dilution (diluting the mother liquor cutting and cleaning in the machining process), and cleaning (e.g. cleaning car bodies in the painting process). In preparation for potential risks and concerns in future such as water resources depletion and rising water prices, we aim to realize initiatives for the recycling and circulation of water resources at model plants in Japan by 2030. By 2050, we aim to realize this initiative in our global production processes.

GHG emissions of Scope 1, 2 and 3
For fiscal 2021 results, please refer to the following URL (Mazda Sustainability Report 2022 P113).

Water consumption
For fiscal 2021 results, please refer to the following URL (Mazda Sustainability Report 2022 P116).

Major Metrics and Targets:

<Addressing Global Warming>

| Products | Targets: Achieving carbon neutrality by 2050
|          | Mid-term metrics in 2030: EV ratio (Expecting 100% of Mazda global sales vehicles will be electrified, and the EV ratio will be 25-40% in 2030.)
| Manufacturing | Targets: Achieving carbon neutrality at Mazda’s global factories by 2035
|          | Metrics: Factory’s decarbonization progress ratio

<Conservation of Water Resources>

| Manufacturing | Targets: Reducing water intake by entire Mazda Group companies in Japan by 38% in 2030 compared with 2013
|          | Metrics: Water intake reduction ratio
Addressing Global Warming: Product Area

Addressing Global Warming: Manufacturing Area

Conservation of Water Resources

*1 TCFD: Task Force on Climate-related Financial Disclosures
  A private sector organization set up by the Financial Stability Board (FSB), in response to the request from the G20 Finance Ministers and Central Bank Governors.

*2 An organization established in Japan, aimed at holding discussions regarding climate change on effective corporate information disclosure and efforts for leading disclosed information to appropriate decision-making on investment by financial institutes and other entities. The Ministry of Economy, Trade and Industry, the Financial Services Agency, and the Ministry of the Environment participate in the consortium as observers.

*3 Source: https://tcfd-consortium.jp/en/about

*4 As of June 2023, reported and debated 4 times at the Board of Directors.

*5 Model plant: A pilot plant where new attempts are made, ahead of other facilities.