

## Our Group's Initiatives

### 1. Transition Plan

We are addressing climate change as a key management issue, and have established the Net Zero Transition Plan for the purpose of achieving net-zero by 2050 and to pursue efforts to limit the increase in global temperature to 1.5°C. We are promoting activities to address climate change.

#### <Establishment of the Net Zero Transition Plan and Revision thereof>

April 2022	<p>Formulation of Mizuho's Approach to Achieving Net Zero by 2050</p> <ul style="list-style-type: none"> <li>- Clarified our aim of achieving net-zero GHG emissions associated with our finance portfolio (Scope 3) by 2050 in order to limit the increase in global temperature to 1.5°C</li> <li>- To this end, clearly stated to take actions including supporting client transition through engagement, and support for development and practical application of effective policies and next-generation technologies.</li> </ul> <p>Establishment of the Net Zero Transition Plan</p> <ul style="list-style-type: none"> <li>- Clarified the direction of initiatives for elements of net-zero GHG emissions, strengthening low-carbon business, improving climate-related risk management, and strengthening our structure.</li> </ul>
April 2023	<p>Revision of the Net Zero Transition Plan</p> <ul style="list-style-type: none"> <li>- Taking into account risk management, capturing of business opportunities, and promoting transition in the real economy, we have revised the Net Zero Transition Plan with the aim of promoting our response to climate change in a more integrated manner going forward.</li> <li>- Based on the framework under the recommendations of the TCFD, specified the contents of each item of governance, strategy, and metrics &amp; targets in the transition plan.</li> </ul>

#### <The Net Zero Transition Plan – Overview ->

<b>Basis</b>	<table style="width: 100%; border-collapse: collapse;"> <tr> <th style="background-color: #4f81bd; color: white; text-align: center;">Policy</th> <th style="background-color: #4f81bd; color: white; text-align: center;">Aims and action</th> </tr> <tr> <td style="text-align: center; border: 1px solid white;">Environmental Policy (climate change-related initiatives)</td> <td style="text-align: center; border: 1px solid white;">Mizuho's Approach to Achieving Net Zero by 2050</td> </tr> </table>	Policy	Aims and action	Environmental Policy (climate change-related initiatives)	Mizuho's Approach to Achieving Net Zero by 2050											
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<b>Governance</b>	<p style="text-align: center;"><b>Climate-related corporate governance structure in the Transition Plan</b></p> <p>[Approval/supervision/reporting] The Board of Director approves the transition plan and supervises its progress reported and discussed by the execution line.          [Accountability/review] The business execution lines have the responsibility and authority to execute the transition plans, and must regularly review and report the progress made to the Board of Directors.          [Transparency] The details and progress of the transition plans are regularly disclosed and reported to external stakeholders.</p>															
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## 2. Setting GHG Emissions Reduction Targets associated with Financing and Investments

For the following sectors, we have set mid-term targets for FY2030 using the scenarios aligned with net-zero by 2050. We will continue to use the scenarios aligned with net-zero by 2050 to set targets for other sectors that are important in terms of emissions, such as the steel, automotive and maritime transportation sectors in due order. Although we have not set short-term targets for transition in high-emission sectors due to the need for time-consuming initiatives such as business structure transformation, we will regularly examine and disclose the results thereof.

### <Mid-term Targets for Reducing GHG Emissions through Financing and Investments by Sector>

Sector	Scope	Mid-term Target (FY2030)	Benchmark Scenarios	Result for Base Year	Prelim. Result for FY2021 (vs. Base Year)
Electric Power	Scope 1	GHG emission intensity 138 to 232 (kgCO <sub>2e</sub> /MWh)	IEA NZE IEA SDS	388	353 (-9%)
Oil and Gas	Scope 1, 2	GHG emission intensity 4.2 (gCO <sub>2e</sub> /MJ)	IEA NZE	6.6	6.5 (-2%)
	Scope 3	Absolute GHG emissions (MtCO <sub>2e</sub> ) -12% to -29% (in comparison to base year)	IEA NZE IEA SDS	60.6	43.2 (-29%)
Thermal Coal Mining	Scope 1, 2, 3	Absolute GHG emissions (MtCO <sub>2e</sub> ) Zero balance by FY2030 for OECD economies Zero balance by FY2040 for non-OECD economies	Following the approach of the IEA NZE scenario	5.1	1.7 (-67%)

## 3. Financing and Investment Policy and Initiatives for Sectors with High Transition Risks

### (1) Risk Management

We selected increasing severity of climate change impacts as one of our “top risks”, which are risks recognized by management as having a major potential impact on us. In addition, we recognize corporate customers’ responses to transition risks and the importance of engagement through scenario analysis, and continually strive to enhance risk management structures and policies.

Specifically, we have established exposure control policies and implemented risk controls in high-risk areas among sectors that we have recognized as facing transition risk at particularly high levels (carbon-related sectors).

Further, for the purpose of avoiding and mitigating adverse environmental and social impacts resulting from our financing and investment activity, our Environmental and Social Management Policy for Financing and Investment Activity sets a financing and investment policy for, among others, coal-fired power generation, oil & gas and thermal coal mining sectors, and we implement and enhance it continuously.

(Environmental and Social Management Policy for Financing and Investment Activity (excerpt))

<b>Transition Risk Sectors</b>	<ul style="list-style-type: none"> <li>■ Target: Companies whose primary businesses are in power generation (coal-fired, oil-fired, gas-fired), coal mining, oil and gas, steel, or cement.</li> <li>■ Policy: Proactively undertake engagement to support transition to a low-carbon society. Check at least once per year on the status of transition risk responses. We carefully consider whether or not to continue our business with a client in the event that the client is not willing to address transition risk and has not formulated a transition strategy even after one year has lapsed since the initial engagement.</li> </ul>			
<b>Specific Industrial Sectors</b>	Weapons	<b>Coal-fired power generation</b>	<b>Thermal coal mining</b>	<b>Oil and gas</b>
	Large-scale hydropower	<b>Large-scale agriculture</b>	<b>Palm oil</b>	<b>Lumber and pulp</b>

Specific Industrial Sectors	Financing and Investment Policy (* Underlined portions show revisions in March 2023)
Coal-fired Power Generation	<ul style="list-style-type: none"> <li>✓ Prohibition on providing financing or investment to companies with which we have no current financing transactions and investment activity if the primary business of these companies is coal-fired power generation.</li> <li>✓ Prohibition on providing financing or investment which will be used for new construction of coal-fired power plants or the expansion of existing facilities. (However, we will simultaneously continue to support development of innovative, clean, and also efficient next-generation technology that will contribute to the expansion of sustainable energy, as well as other initiatives for the transition to a low-carbon society.)</li> </ul>
Oil and Gas	<ul style="list-style-type: none"> <li>✓ <u>Assessing that sufficient GHG emission reduction measures are being taken in the case of financing and investment which will be used for oil and gas exploration projects.</u></li> <li>✓ When providing financing or investment that will be used for oil or gas extraction in the Arctic, for oil sands, shale oil, and shale gas extraction, and for pipelines, we carry out appropriate environmental and social risk assessments, taking into account specific risks.</li> </ul>
Thermal Coal Mining	<ul style="list-style-type: none"> <li>✓ Prohibition on providing financing or investment to companies with which we have no current financing transactions and investment activity if the primary business of these companies is the mining of thermal coal <u>or infrastructure linked with the mining of thermal coal.</u></li> <li>✓ Prohibition on providing financing or investment which will be used for new thermal coal mining projects <u>or related infrastructure</u> or for expansion of existing projects <u>or related infrastructure.</u></li> </ul>

(2) Promotion of Sustainable Finance and Environment & Climate Change-related Finance

By undertaking engagement while considering clients' sustainable growth, improved corporate value, and strengthened industrial competitiveness over the medium to long term, we support clients' initiatives to transition to a low-carbon society. In April 2023, we increased our sustainable finance target to JPY 100 trillion (of which the target for environment and climate change-related finance is JPY 50 trillion)\*. We will create further money flow aimed at solving environmental and social issues.

\* Amounts representing total accumulated financing from FY2019 to FY2030. The previous target for sustainable finance was JPY 25 trillion (of which the target for environmental finance was JPY 12 trillion).

#### 4. Disclosure

We disclosed our efforts to address climate change, including our transition plan and our performance against metrics and targets, in our integrated reports, TCFD reports, our FY2022 Sustainability Progress - Initiatives addressing Climate Change, and other materials. We will continue to actively disclose information from the perspective of improving transparency and communicating with stakeholders.

This proposal requires inserting into the Articles of Incorporation stipulations pertaining to specific and individual business execution, such as the formulation of transition plans and disclosure thereof. We will flexibly review the transition plan and promptly implement it, taking into account rapidly changing circumstances in response to the urgent issue of climate change. However, since an amendment to the Articles of Incorporation requires a special resolution at a general meeting of shareholders, should this proposal be adopted, it may hinder our ability to respond flexibly and promptly.

Under the current Articles of Incorporation, we will make serious efforts to respond to climate change, taking into account the opinions of our stakeholders, and will pursue efforts to limit the increase in global temperature to 1.5°C.