# Second-Party Opinion Mitsui Fudosan Green Finance Framework



## **Evaluation Summary**

Sustainalytics is of the opinion that the Mitsui Fudosan Green Finance Framework is credible and impactful and aligns with the four core components of the Green Bond Principles 2021 and the Green Loan Principles 2021. This assessment is based on the following:



**USE OF PROCEEDS** The eligible category for the use of proceeds, Green Buildings, is aligned with those recognized by the Green Bond Principles 2021 and the Green Loan Principles 2021. Sustainalytics considers that the eligible projects are expected to advance the UN Sustainable Development Goals, specifically SDG 9.



**PROJECT EVALUATION / SELECTION** Mitsui Fudosan Co. Ltd's Sustainability Promotion Division and Accounting and Finance Department will select projects based on the eligibility criteria. When Mitsui Fudosan Co. Ltd issues green bonds or green loans, the final decision will be made by the managing officer in charge of accounting and finance, or the head of relevant departments. In the case where the Company's affiliate executes green loans, the CEO or CFO of such affiliate will make the final decision. Mitsui Fudosan Co. Ltd's environmental and social risk assessments and mitigation processes as well as the Group's sustainable procurement standards apply to all allocation decisions made under the Framework. Sustainalytics considers the project selection process to be in line with market practice.



**MANAGEMENT OF PROCEEDS** Proceeds will be tracked and managed annually using Mitsui Fudosan Co. Ltd's internal management system and an Excel-based tracking form. Mitsui Fudosan Co. Ltd intends to achieve full allocation within 24 months of green bond issuance or green loan execution. Pending allocation, unallocated proceeds will be held in cash equivalents. Sustainalytics considers this process to be in line with market practice.



**REPORTING** Mitsui Fudosan Co. Ltd intends to report on the allocation and impact from the projects annually. The disclosure will include information on eligible projects financed, amount of allocated proceeds and date of funding, amount of unallocated proceeds and expected timeline to allocate the unallocated proceeds and relevant impact indicators. Sustainalytics views Mitsui Fudosan Co. Ltd's reporting system as aligned with market practice.

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Issuer Location	Tokyo, Japan

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# Alignment with Japan's Green Bond Guidelines 2020 and Expected Elements of Green Loans under the Green Loans and Sustainability Linked Loan Guidelines 2020

Sustainalytics is of the opinion that the Mitsui Fudosan Green Finance Framework is in line with Japan's Green Bond Guidelines 2020 as well as Expected Elements of the green loans section under the Green Loan and Sustainability Linked Loan Guidelines 2020, (elements described with the word "should") developed by the Ministry of the Environment of Japan.

<sup>&</sup>lt;sup>1</sup> This document is an update of a Second-Party Opinion originally published in January 2022.



# Introduction

Mitsui Fudosan Co. Ltd ("Mitsui Fudosan", or the "Company") is a real estate company founded in 1941, headquartered in Tokyo, Japan and present in several cities in the US and Europe. Mitsui Fudosan's operations focus on the commercial and residential real estate market, mainly in the development and operations of office buildings and commercial facilities, hotels, and resorts, as well as the sales and management of condominiums.<sup>2</sup>

Mitsui Fudosan has developed the Mitsui Fudosan Green Finance Framework (the "Framework"). Under the Framework the Company intends to issue green bonds and green loans by itself or through its affiliates<sup>3</sup> and use the proceeds to finance and/or refinance, in whole or in part, existing and/or future green building projects by Mitsui Fudosan, or one of its affiliates, expected to lead to the reduction of negative environmental impact from Mitsui Fudosan's operations. The Framework defines eligibility criteria in one area:

1. Green Buildings

Mitsui Fudosan engaged Sustainalytics to review the Mitsui Fudosan Green Bond Framework, dated April 2022, and provide a Second-Party Opinion on the Framework's environmental credentials and its alignment with the Green Bond Principles 2021 (GBP)<sup>4</sup>, Green Loan Principles 2021 (GLP)<sup>5</sup>, Japan's Green Bond Guidelines 2020<sup>6</sup> as well as expected elements of green loans under the Green Loan and Sustainability Linked Loan Guidelines 2020.<sup>7</sup> The Framework has been published in a separate document.<sup>8</sup>

#### Scope of work and limitations of Sustainalytics' Second-Party Opinion

Sustainalytics' Second-Party Opinion reflects Sustainalytics' independent<sup>9</sup> opinion on the alignment of the reviewed Framework with the current market standards and the extent to which the eligible project categories are credible and impactful.

As part of the Second-Party Opinion, Sustainalytics assessed the following:

- The Framework's alignment with the GBP, as administered by ICMA, GLP as administered by LMA, and Japan's Green Bond Guidelines 2020 as well as expected elements of green loans under the Green Loan and Sustainability Linked Loan Guidelines 2020;
- The credibility and anticipated positive impacts of the use of proceeds; and
- The alignment of the issuer's sustainability strategy and performance and sustainability risk management in relation to the use of proceeds.

For the use of proceeds assessment, Sustainalytics relied on its internal taxonomy, version 1.11.2, which is informed by market practice and Sustainalytics' expertise as an ESG research provider.

As part of this engagement, Sustainalytics held conversations with various members of Mitsui Fudosan's management team to understand the sustainability impact of their business processes and planned use of proceeds, as well as management of proceeds and reporting aspects of the Framework. Mitsui Fudosan representatives have confirmed (1) they understand it is the sole responsibility of Mitsui Fudosan to ensure that the information provided is complete, accurate or up to date; (2) that they have provided Sustainalytics with all relevant information and (3) that any provided material information has been duly disclosed in a timely manner. Sustainalytics also reviewed relevant public documents and non-public information.

<sup>&</sup>lt;sup>2</sup> Mitsui Fudosan, "History", assessed on 8 March 2022, at: <u>https://www.mitsuifudosan.co.jp/english/corporate/about\_us/history/</u>

<sup>&</sup>lt;sup>3</sup> Mitsui Fudosan's consolidated subsidiary and affiliated companies accounted for by the equity method

<sup>&</sup>lt;sup>4</sup> The Green Bond Principles are administered by the International Capital Market Association and are available at <u>https://www.icmagroup.org/green-social-and-sustainability-bonds/green-bond-principles-gbp/</u>.

<sup>&</sup>lt;sup>5</sup> The Green Loan Principles are administered by the Loan Market Association, Asia Pacific Loan Market Association and Loan Syndications & Trading Association and are available at <u>https://www.lsta.org/content/green-loan-principles/</u>

<sup>&</sup>lt;sup>6</sup> Ministry of the Environment, Japan, "Green Bond Guidelines, 2020", at: <u>http://www.env.go.jp/policy/guidelines\_set\_version\_with%20cover.pdf</u> <sup>7</sup> Ministry of the Environment, Japan, "Green Loan and Sustainability Linked Loan Guidelines 2020", at:

http://www.env.go.jp/policy/guidelines\_set\_version\_with%20cover.pdf

<sup>&</sup>lt;sup>8</sup> The Mitsui Fudosan Green Finance Framework is available on Mitsui Fudosan's website at:

https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/environment/08.html

<sup>&</sup>lt;sup>9</sup> When operating multiple lines of business that serve a variety of client types, objective research is a cornerstone of Sustainalytics and ensuring analyst independence is paramount to producing objective, actionable research. Sustainalytics has therefore put in place a robust conflict management framework that specifically addresses the need for analyst independence, consistency of process, structural separation of commercial and research (and engagement) teams, data protection and systems separation. Last but not the least, analyst compensation is not directly tied to specific commercial outcomes. One of Sustainalytics' hallmarks is integrity, another is transparency.



This document contains Sustainalytics' opinion of the Framework and should be read in conjunction with that Framework.

Any update of the present Second-Party Opinion will be conducted according to the agreed engagement conditions between Sustainalytics and Mitsui Fudosan.

Sustainalytics' Second-Party Opinion, while reflecting on the alignment of the Framework with market standards, is no guarantee of alignment nor warrants any alignment with future versions of relevant market standards. Furthermore, Sustainalytics' Second-Party Opinion addresses the anticipated impacts of eligible projects expected to be financed with bond and loan proceeds but does not measure the actual impact. The measurement and reporting of the impact achieved through projects financed under the Framework is the responsibility of the Framework owner. Upon twenty-four (24) months following the evaluation date set stated herein, Mitsui Fudosan is encouraged to update the Framework, if necessary, and seek an update to the Second-Party Opinion to ensure ongoing alignment of the Framework with market standards and expectations.

In addition, the Second-Party Opinion opines on the potential allocation of proceeds but does not guarantee the realised allocation of the bond and loan proceeds towards eligible activities.

No information provided by Sustainalytics under the present Second-Party Opinion shall be considered as being a statement, representation, warrant or argument, either in favour or against, the truthfulness, reliability or completeness of any facts or statements and related surrounding circumstances that Mitsui Fudosan has made available to Sustainalytics for the purpose of this Second-Party Opinion.

# Sustainalytics' Opinion

# Section 1: Sustainalytics' Opinion on the Mitsui Fudosan Green Finance Framework

Sustainalytics is of the opinion that the Mitsui Fudosan Green Finance Framework is credible and impactful and aligns with the four core components of the GBP and GLP. Sustainalytics highlights the following elements of Mitsui Fudosan's Green Finance Framework:

- Use of Proceeds:
  - The eligible category Green Buildings is aligned with those recognized by the GBP and GLP.
     Sustainalytics considers that investments in the eligible category are expected to reduce negative environmental impact from Mitsui Fudosan's operations.
  - Mitsui Fudosan has established a 24-month look-back period for the financing and refinancing of expenditures, which Sustainalytics considers to be in line with market practice.
  - Mitsui Fudosan intends to finance or refinance the construction, renovation and acquisition of residential and commercial properties and logistic facilities that meet one of the following eligibility criteria:
    - New, existing or refurbished buildings that have obtained or are expected to obtain one of the following green building certifications at the following minimum levels: LEED (Gold or above), BREEAM (Excellent or above), CASBEE ("A" or above), DBJ Green Building Certification (4 stars or above), BELS (4 stars or above), BCA Green Mark Certification (Gold or above), HQE (Excellent or above), DGNB (Gold or above) and Green Star (5 star or above). Sustainalytics views these certification schemes to be credible and impactful and the selected levels as aligned with market practice. Please refer to Appendix 2 for an assessment of these third-party certifications.
    - Buildings that are in the top 15% most energy-efficient buildings in the region based on the Climate Bonds Initiative's Location Specific Criteria for Commercial Buildings & Calculator <sup>10</sup> and/or the Climate Bonds Initiative's Location Specific Criteria for Residential Buildings & Calculator.<sup>11</sup> Sustainalytics considers this to be in line with market practice.

<sup>&</sup>lt;sup>10</sup> Climate Bond Standards, "Standard", assessed on 8 March 2022, at: <u>https://www.climatebonds.net/standard/buildings/commercial/calculator</u>

<sup>&</sup>lt;sup>11</sup> Climate Bond Standards, "Standard", assessed on 8 March 2022, at: <u>https://www.climatebonds.net/standard/buildings/residential/calculator</u>



- Additionally, Mitsui Fudosan may finance the refurbishment of buildings and building sub-systems that achieve savings in energy or emissions performance improvement or net primary energy demand of at least 20% in comparison to baseline performance before renovation. Intended sub-systems include LED lighting system, other energy efficient lighting, cool roofs and smart meters among others. Mitsui Fudosan has confirmed that the installation of sub-systems is aimed to increase energy efficiency and not intended for any inherent carbon-intensive or fossil-fuel reliant assets/processes. Sustainalytics views the Framework's inclusion of a defined energy performance threshold for building refurbishment as aligned with market practice.
- The Company has confirmed to Sustainalytics that any logistic facilities financed will not be used for storage/transportation of fossil fuel, which is in line with market practice.
- Project Evaluation and Selection:

Mitsui Fudosan's ESG Promotion Committee, chaired by the President and Chief Executive Officer, approves candidate projects as implementation plans for the fiscal year. Mitsui Fudosan's Sustainability Promotion Division and Accounting and Finance Department will then select projects to which the proceeds will be allocated based on the eligibility criteria. When Mitsui Fudosan issues green bonds or green loans, the final decision will be made by the managing officer in charge of accounting and Finance Department or the head of department in charge of the eligible projects). In the case where the Company's affiliate executes green loans, the CEO or CFO of such affiliate will make the final decision after approval by the department head of Mitsui Fudosan's department in charge of the eligible project.

- Mitsui Fudosan's environmental and social risk assessments and mitigation processes, as well as the Group's sustainable procurement standards apply to all allocation decisions made under the Framework. Sustainalytics considers these risk management systems to be adequate; for additional detail, please see Section 2.
- Based on the clear delineation of responsibility for project evaluation and selection and the
  presence of risk management processes, Sustainalytics considers these processes to be in line
  with market practice.
- Management of Proceeds:
  - Proceeds will be tracked and managed annually using Mitsui Fudosan's internal management system and an Excel-based tracking form. For eligible projects developed by Mitsui Fudosan, the Finance Group of the Accounting and Finance Department will manage the allocation of proceeds using an internal management system. For eligible projects developed by affiliates, such affiliates will manage the allocation of proceeds using an Excel-based tracking form and report the status to the Finance Group of the Accounting and Finance Department of Mitsui Fudosan. Regarding projects developed by affiliates, information about loans provided by Mitsui Fudosan to such affiliates will be managed using the internal loan data system.
  - Pending allocation, unallocated proceeds will be held in cash equivalents. The Company intends to achieve full allocation within 24 months of green bond issuance or green loan execution.
  - Based on the presence of an internal tracking system, allocation timeframe and the disclosure on temporary allocation, Sustainalytics considers this process to be in line with market practice.
- Reporting:
  - Mitsui Fudosan intends to report on the allocation and impact from the projects on its or its affiliate's website annually until full redemption of the green bonds and full repayment of the green loans.
  - The allocation report will include information on eligible projects financed, amount of allocated proceeds and date of funding, amount of unallocated proceeds and an expected timeline to allocate the unallocated proceeds.
  - The impact report will include relevant impact indicators, such as GHG emissions (tCO<sub>2</sub>e), energy consumption, water usage, type and level of certification of green project.
  - Mitsui Fudosan is committed to obtaining an annual review from an independent third party after the issuance of green bonds, to confirm that the proceeds were allocated to eligible projects in line with the Framework.
  - Based on the annual allocation and impact reporting commitment, Sustainalytics considers this process to be in line with market practice.



#### Alignment with Green Bond Principles 2021 and Green Loan Principles 2021

Sustainalytics has determined that the Mitsui Fudosan Green Bond Framework aligns with the four core components of the GBP and GLP. For detailed information please refer to Appendix 3: Green Bond/Green Bond Programme External Review Form.

# Alignment with Japan's Green Bond Guidelines 2020 and Expected Elements of Green Loans under the Green Loans and Sustainability Linked Loan Guidelines 2020

Sustainalytics is of the opinion that the Framework is in line with Japan's Green Bond Guidelines 2020 as well as Expected Elements of the green loan section under the Green Loan and Sustainability Linked Loan Guidelines 2020, developed by the Ministry of the Environment of Japan. The guidelines communicate what an issuer should do to issue a credible green bond or loan. Sustainalytics assessed the alignment between the Framework and the elements described with the word "should" outlined in Japan's guidelines 2020 on green bonds and green loans. For detailed information please refer to Appendix 1: Alignment with Japan's Green Bond Guidelines 2020 as well as Expected Elements of Green Loans under the Green Loans and Sustainability Linked Loan Guidelines 2020.

### Section 2: Sustainability Strategy of Mitsui Fudosan

#### Contribution of framework to Mitsui Fudosan's sustainability strategy

Sustainalytics is of the opinion that Mitsui Fudosan is committed to integrating sustainability considerations in its operations, considering the strategies in the Company's decarbonization action plan.<sup>12</sup> Under said plan, the Company set several targets related to its contribution towards a low-carbon economy, mainly through the development of green buildings, increased use of renewable energy, reduction in waste and water consumption. In terms of GHG emissions, the Company targets reducing its GHG emissions by 40% by FY2030 compared to FY2019 and achieve zero energy building (ZEB) level environmental performance in all new construction in Japan in the same timeframe. The Company's long-term goal is to achieve climate neutrality by FY2050. To achieve this, it intends to engage with its stakeholders and promote clean technologies, such as offshore wind and geothermal power generation. The Company has also set targets to scale up its solar energy capacity to 380 million kWh/year by FY2030, approximately five times more than in FY2019, to secure clean power for all of its facilities in the Tokyo metropolitan area.<sup>13</sup> As part of its RE 100 Initiative, Mitsui Fudosan has committed to source from renewable sources 100% of the electricity to be used in its operations, including the properties owned by the Company by FY2050.<sup>14</sup> Additionally, the Company has set a goal of reducing energy consumption per base unit of floor area by an average of 1% every year.<sup>15</sup>

To further contribute to its business-related environmental performance, the Company is striving to reduce clean water and industrial water use per base unit of floor area from the previous fiscal year through measures such as installing water-saving equipment in its properties and using rainwater and grey water (processed wastewater).<sup>16</sup> Furthermore, the Mitsui Fudosan Group Long-Term Vision "VISION 2025" established "Reduce environmental impact and generate energy" as one of six ESG priority goals.<sup>17</sup> Finally, Mitsui Fudosan's application of its Group Environmental Policy addresses climate change, environmental pollution, use of resources, biodiversity and environmental supply chain impacts, as the Company works on reducing the environmental impact of its properties.<sup>18</sup>

In order to pursue the above-mentioned vision and goals, Mitsui Fudosan has established an ESG Promotion Committee, headed by its president and CEO, to develop targets and improve its environmental performance in accordance with the Group Environmental Policy.<sup>19</sup> Sustainalytics is of the opinion that the use of proceeds defined in the Framework will further contribute to reducing the environmental impact of properties owned by

<sup>&</sup>lt;sup>12</sup> Mitsui Fudosan, "Group Action Plan to Realize Decarbonized Society", (2021), at:

https://www.mitsuifudosan.co.jp/english/corporate/news/2021/1124/download/20211124.pdf

<sup>&</sup>lt;sup>13</sup> Mitsui Fudosan, "Group Action Plan to Realize Decarbonized Society", (2021), at:

https://www.mitsuifudosan.co.jp/english/corporate/news/2021/1124/download/20211124.pdf

<sup>&</sup>lt;sup>14</sup> Mitsui Fudosan, "Mitsui Fudosan Joins RE100", (2020), at:

https://www.mitsuifudosan.co.jp/english/corporate/news/2020/0228\_02/download/20200228\_02.pdf

<sup>&</sup>lt;sup>15</sup> Mitsui Fudosan, "Climate Change and Other Environmental Data", at:

https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/environment/05.html

<sup>&</sup>lt;sup>16</sup> Mitsui Fudosan, "Water", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/environment/03.html</u>

<sup>&</sup>lt;sup>17</sup> Mitsui Fudosan, "Vision 2025", (2018), at: https://www.mitsuifudosan.co.jp/english/corporate/about\_us/vision2025/pdf/vision2025.pdf

<sup>&</sup>lt;sup>18</sup> Mitsui Fudosan, "Environmental Initiative Policy", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/environment/01.html</u>

<sup>&</sup>lt;sup>19</sup> Mitsui Fudosan, "Environmental Management System", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/environment/02.html</u>



Mitsui Fudosan, such as from energy consumption and water use, and to achieving the long-term environmental goals set out by the Company.

#### Well-positioned to address common environmental and social risks associated with the projects

While Sustainalytics recognizes that the net proceeds from the green bonds and green loans issued under the Framework will be directed towards eligible projects that are expected to have positive environmental impact, Sustainalytics is aware that such eligible projects could also lead to negative environmental and social outcomes. Some key environmental and social risks associated with the eligible projects could include occupational health and safety of workers, adverse impacts on ecosystems, waste discharges such as emissions and effluents, and consumption of energy and water associated with the development, construction and operation of green buildings.

Sustainalytics is of the opinion that Mitsui Fudosan is able to manage or mitigate potential risks through implementation of the following:

- Mitsui Fudosan has set up a Health Management Center (HMC) to manage worker health and safety
  and a Health Consultation Service for employees to discuss health issues with industrial physicians,
  public health nurses, and licensed psychologists. The Company also defines its Sustainable
  Procurement Standards to ensure the health and safety of its employees and external suppliers,
  including compliance with laws and regulations, respect for human rights related to labour and risk
  management.<sup>20</sup> The director in charge of personnel holds the responsibility of overseeing the HMC
  and improving the activities relating to occurrences of accidents or occupational injuries.<sup>21</sup>
- In order to manage and reduce impact on ecosystems from new development projects, Mitsui Fudosan conducts an environmental and biodiversity impact assessment in accordance with laws, regulations and ordinances relating to environmental impact assessments and protection of the natural environment.<sup>22</sup>
- In order to prevent impacts on the environment and on the health of users of buildings caused by air
  pollution, water contamination, soil pollution, emissions of hazardous materials, and wastes, Mitsui
  Fudosan is committed to complying with relevant laws, regulations and ordinances, including the
  following Japanese laws: Soil Contamination Countermeasures Act, Air Pollution Control Act, Water
  Pollution Prevention Act, among others. The Company also endeavours to control and appropriately
  manage and treat emissions of substances not subject to regulations.<sup>23</sup> In addition, the Company
  continuously measures and discloses environmental data, including energy consumption, water use,
  waste emissions and GHG emissions from its properties.<sup>24</sup>

Based on these policies, standards and assessments, Sustainalytics is of the opinion that Mitsui Fudosan has implemented adequate measures and is well positioned to manage and mitigate environmental and social risks commonly associated with the eligible categories.

### Section 3: Impact of Use of Proceeds

The use of proceeds category, Green Buildings, described in the Framework is recognized by the GBP and GLP as projects expected to produce positive environmental impacts. Sustainalytics summarizes the specific potential for positive environmental impacts in Japan and the global context as follows:

#### Importance of green buildings for reducing environmental footprint

The building sector was responsible for approximately 36% of global energy use and 40% of global CO<sub>2</sub> emissions in 2017, according to the World Green Building Council.<sup>25</sup> In Japan, residential, commercial and other buildings<sup>26</sup> account for approximately 30% of the country's total CO<sub>2</sub> emissions.<sup>27</sup> In its NDC submitted

<sup>&</sup>lt;sup>20</sup> Mitsui Fudosan, "Social Supply Chain", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/society/04.html#p01</u>

<sup>&</sup>lt;sup>21</sup> Mitsui Fudosan, "Health and Safety", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/society/01.html</u>

<sup>&</sup>lt;sup>22</sup> Mitsui Fudosan, "Biodiversity", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/environment/06.html#p04</u>

<sup>&</sup>lt;sup>23</sup> Mitsui Fudosan, "Environmental Pollution and Resources", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/environment/04.html</u>

<sup>&</sup>lt;sup>24</sup> Mitsui Fudosan, "Third-Party Verification", at: <u>https://www.mitsuifudosan.co.jp/english/corporate/esg\_csr/third-</u>

party\_verification/index.html#date3\_E03

<sup>&</sup>lt;sup>25</sup> Global Alliance for Buildings and Construction, "2018 Global Status Report: towards a zero-emissions, efficient and resilient buildings and construction sector", at: <u>https://www.worldgbc.org/sites/default/files/2018%20GlobalABC%20Global%20Status%20Report.pdf</u>

<sup>&</sup>lt;sup>26</sup> Other buildings include offices and service blocks.

<sup>&</sup>lt;sup>27</sup> Ministry of the Environment of Japan, "Japan's National Greenhouse Gas Emissions in Fiscal Year 2019 (Preliminary Figures) <Executive Summary>", at: <u>https://www.env.go.jp/press/798.pdf</u>



to the UN in 2021, Japan has committed to increase its GHG emissions reduction target from 26% to 46% of the 2013 level and to achieve net zero emissions by 2050.<sup>28</sup>

Given the significant contribution of buildings in the country's total CO<sub>2</sub> emissions, the Japanese government has been working to strengthen energy saving measures in buildings. The government promulgated the Building Energy Efficiency Act in 2015, which sets mandatory energy efficiency standards for large-scale non-residential buildings.<sup>29</sup> The Japanese government has also set a target of reducing CO<sub>2</sub> emissions from residential, commercial and other buildings by 60% by 2030 in the NDC submitted in 2021. Improving the energy efficiency of buildings plays a significant role in Japan's measures against climate change, and the Japanese government is aiming to achieve this goal by promoting compliance with energy saving standards in new buildings, refurbishing existing buildings, implementing energy management systems, and introducing efficient lighting equipment.<sup>30</sup>

Based on the above, Sustainalytics is of the opinion that the use of proceeds from green bonds and loans issued under the Framework are expected to play an important role in financing green buildings and creating positive environmental impact while supporting the Japanese government's goals of reducing GHG emissions and increasing energy efficiency in buildings in Japan and contributing towards the transition towards a low-carbon economy.

#### Alignment with/contribution to SDGs

The Sustainable Development Goals (SDGs) were adopted in September 2015 by the United Nations General Assembly and form part of an agenda for achieving sustainable development by the year 2030. The bonds and loans issued under the Mitsui Fudosan Green Bond Framework are expected to help advance the following SDG and target:

Use of Proceeds Category	SDG	SDG target
Green Buildings	9. Industry, innovation and infrastructure	9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities.

### Conclusion

Mitsui Fudosan has developed the Mitsui Fudosan Green Finance Framework under which it may issue green bonds and loans and use the proceeds to finance green buildings. Sustainalytics considers that the projects funded by the proceeds are expected to provide positive environmental impact.

The Mitsui Fudosan Green Finance Framework outlines a process by which proceeds will be tracked, allocated, and managed, and commitments have been made for reporting on the allocation and impact of the use of proceeds. Furthermore, Sustainalytics believes that the Mitsui Fudosan Green Finance Framework is aligned with the overall sustainability strategy of the Company and that the green use of proceeds category is expected to contribute to the advancement of the UN Sustainable Development Goal 9. Additionally, Sustainalytics is of the opinion that Mitsui Fudosan has adequate measures to identify, manage and mitigate environmental and social risks commonly associated with the eligible projects funded by the proceeds.

Based on the above, Sustainalytics is confident that Mitsui Fudosan Co. Ltd is well positioned to issue green bonds and loans and that the Mitsui Fudosan Green Finance Framework is robust, transparent and in alignment with the four core components of the Green Bond Principles 2021 and Green Loan Principles 2021.

https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Japan%20First/JAPAN\_FIRST%20NDC%20(UPDATED%20SUBMISSION).pdf

<sup>29</sup> Institute for Building Environment and Energy Conservation, "Overview of the Act on the Improvement of Energy Consumption Performance of Buildings (Building Energy Efficiency Act)", at: <u>https://www.mlit.go.jp/common/001134876.pdf</u>

<sup>30</sup> "Japan's Nationally Determined Contribution (NDC)"

https://www4.unfccc.int/sites/ndcstaging/PublishedDocuments/Japan%20First/JAPAN\_FIRST%20NDC%20(UPDATED%20SUBMISSION).pdf

<sup>&</sup>lt;sup>28</sup> "Japan's Nationally Determined Contribution (NDC)":



# Appendices

Appendix 1: Alignment with Japan's Green Bond Guidelines 2020 and Expected Elements of Green Loans under the Green Loan and Sustainability Linked Loan Guidelines 2020

Four elements	Alignment	Sustainalytics' comments
1. Use of Proceeds	Yes	The use of proceeds category defined by Mitsui Fudosan in this Framework, Green Building, is recognized in Japan's Green Bond Guidelines 2020 as well as expected elements of Green Loans under the Green Loan and Sustainability Linked Loan Guidelines 2020 as a project category with clear environmental benefits. In the Framework, the Company also provides an explanation about the measures to manage and mitigate environmental risks associated with the eligible projects, allowing investors to access in advance. The eligibility criteria explain that the proceeds will be allocated to expenditures on properties that have received or are expected to receive green building certifications by a third-party verifier, or buildings that fall within the top 15% of most energy-efficient buildings in the region based on Climate Bonds Initiative's Location Specific Criteria for Commercial Buildings & Calculator <sup>31</sup> and/or Climate Bonds Initiative's Location Specific Criteria for Residential Buildings <sup>32</sup> criteria for the respective countries, or refurbishments of buildings or building subsystems that result in energy or emissions performance improvement or primary energy demand of minimum 20% more than the baseline. Additionally, Mitsui Fudosan confirmed to Sustainalytics that it will disclose the asset's age and remaining useful life and the amount to be refinanced as at the time of the bond or loan issuance, in cases when refinancing an asset that needs to be maintained for a long period of time through issuing multiple green bonds or green loans. Moreover, the Company has committed that if part of a multiple tranche of a loan is a green loan, the green tranche will be clearly designated and tracked in an appropriate manner.
2. Process for Project Evaluation and Selection	Yes	In the Framework, the Company explains environmental goals that it aims to achieve through the issuance of green bonds and/or green loans. It also describes, in the Framework, the eligibility criteria and the process for assessing and selecting eligible projects.
3.Management of Proceeds	Yes	In the Framework, the Company explains that, until the full redemption of the green bonds and full repayment of the green loans, proceeds will be tracked and managed annually using Mitsui Fudosan's internal management system and an Excel- based tracking form. For eligible projects developed by Mitsui Fudosan, the Finance Group of the Accounting and Finance Department will manage the allocation of proceeds using an internal management system. For eligible projects developed by affiliates, such affiliates will manage the allocation of proceeds using an Excel-based tracking form and report the status to the

<sup>31</sup> Climate Bond Standards, "Standard", at: <u>https://www.climatebonds.net/standard/buildings/commercial/calculator</u>

<sup>32</sup> Climate Bond Standards, "Standard", at: <u>https://www.climatebonds.net/standard/buildings/residential/calculator</u>

		Finance Group of the Accounting and Finance Department of Mitsui Fudosan. Regarding projects developed by affiliates information about loans provided by Mitsui Fudosan to such affiliates will be managed using the internal loan data system Mitsui Fudosan intends to complete the allocation of proceed within 24 months after the issuance of the green bonds of loans. Unallocated proceeds will be managed in cast equivalents.
4. Reporting	Yes	In the Framework, Mitsui Fudosan has committed to reportin on the allocation of proceeds and positive environmenta impacts annually, until the full redemption of the green bond and full repayment of the green loans and on a timely basis i the event of new developments and material changes that may occur. The allocation report will include an overview of eligible projects financed, amount of allocated proceeds and date of funding, amount of unallocated proceeds and a expected timeline to allocate the unallocated proceeds. Th impact report will include relevant impact indicators such a GHG emissions (tCO <sub>2</sub> e), energy consumption, water usage, typ and level of certification of eligible projects.

## **Appendix 2: Green Building Certification Schemes**

	LEED <sup>33</sup>	BREEAM 34	CASBEE Certification <sup>35</sup>	DBJ Green Building Certification <sup>36</sup>	BELS 37	BCA Green Mark <sup>38</sup>	HQE <sup>39</sup>	DGNB 40	Green Star <sup>41</sup>
Background	Leadership in Energy and Environmental Design (LEED) is a US Certification System for residential and commercial buildings used worldwide. LEED was developed by the non-profit U.S. Green Building Council (USGBC) and covers the design, construction, maintenance and operation of buildings.	BREEAM (Building Research Establishment Environmental Assessment Method) was first published by the Building Research Establishment (BRE) in 1990. Based in the UK, this scheme can be used for new, refurbished and extension of existing buildings.	The Comprehensiv e Assessment System for Built Environment Efficiency (CASBEE) Certification is a green building certification scheme in Japan, which a third party certifies the environmental performance of buildings. The certification scheme includes, based on types of buildings: CASBEE for Buildings, CASBEE for Buildings, CASBEE for Real Estate, and CASBEE for Housing.	The Development Bank of Japan (DBJ) Green Building Certification Programme was launched by Development Bank of Japan in 2011 and is operated in conjunction with the Japan Real Estate Institute (JREI), a major appraisal firm in Japan. The certification scheme is recognized as one of Japan's major regional standards. The certification is available for office buildings, logistics, residential, and retail facilities.	The Building- Housing Energy- efficiency Labelling System (BELS) is an energy performance label, issued under guidelines established by Japan's Ministry of Land, Infrastructure, Transport, and Tourism. The BELS certification scheme evaluates primary energy consumption in order to measure performance of energy conservation.	environment (during project conceptualizati on and design,	The Haute Qualité Environnement ale or HQE (High Quality Environmental standard) is a standard for green building in France, based on the principles of sustainable development first set out at the 1992 Earth Summit. The standard was launched in 2005 and is controlled by HQE and certificate is issued by Cerway/ Certivea/ Cerqual.	The German Green Building Certification or DGNB was developed in 2007 by the non-profit German Sustainable Building Council in partnership with the German Federal Ministry of Transport, Building, and Urban Affairs in order to actively encourage sustainable building.	on the elements of BREEAM as well as LEED, Green Star was developed with

<sup>&</sup>lt;sup>33</sup> U.S. Green Building Council, "Green building leadership is LEED", at: <u>https://new.usgbc.org/leed</u>

<sup>&</sup>lt;sup>34</sup> BREEAM, "What is BREEAM?", at: <u>https://www.breeam.com/.</u>

<sup>&</sup>lt;sup>35</sup> Institute for Building Environment and Energy Conservation, "CASBEE certification scheme (Japanese only)", at: <u>http://www.ibec.or.jp/CASBEE/certification/certification.html</u>.

<sup>&</sup>lt;sup>36</sup> Development Bank of Japan, Japan Real Estate Institute (JREI), "DBJ Green Building", at: <u>http://igb.jp/en/index.html</u>.

<sup>&</sup>lt;sup>37</sup> Association for Housing Performance Evaluation & Labeling, "Building-Housing Energy-efficiency Labelling System Building Energy-efficiency Performance Labeling System (Japanese only)", at: <a href="https://www.hyoukakyoukai.or.jp/bels/bels.html">https://www.hyoukakyoukai.or.jp/bels/bels.html</a>.

<sup>&</sup>lt;sup>38</sup> Singapore Government, "BCA Green Mark", at: https://www.bca.gov.sg/greenmark/green\_mark\_buildings.html

<sup>&</sup>lt;sup>39</sup> Cerway, "HQE", at: <u>http://www.behqe.com/</u>

<sup>&</sup>lt;sup>40</sup> DGNB GmbH, "DGNB", at: <u>http://www.dgnb-system.de/en/</u>

<sup>&</sup>lt;sup>41</sup> Green Building Council Australia, "Exploring Green Star", at: <u>https://new.gbca.org.au/green-star/exploring-green-star/</u>

Second-Party Opinion
Mitsui Fudosan Green Finance Framework



Certification levels	• Certified • Silver • Gold • Platinum	• Pass • Good • Very Good • Excellent • Outstanding	<ul> <li>C (Poor)</li> <li>B- (Slightly Poor)</li> <li>B+ (Good)</li> <li>A (Very Good)</li> <li>S (Excellent)</li> <li>* 4-grade evaluation for CASBEE for Real Estate excluding C rank</li> </ul>	<ul> <li>1 Star</li> <li>2 Stars</li> <li>3 Stars</li> <li>4 Stars</li> <li>5 Stars</li> </ul>	<ul> <li>1 Star</li> <li>2 Stars</li> <li>3 Stars</li> <li>4 Stars</li> <li>5 Stars</li> </ul>	Certified     Gold     Gold Plus     Platinum	<ul> <li>Pass</li> <li>Good</li> <li>Very good</li> <li>Excellent</li> <li>Exceptional</li> </ul>	• Bronze • Silver • Gold • Platinum	For existing buildings only (new buildings can achieve 4- 6 Star Green Star certifications only): • 1-star Green Star (Minimum Practice) • 2-stars Green Star (Average Practice) • 3-stars Green Star (Good Practice) • 4-stars Green Star (Best Practice) • 5-stars Green Star (Australian Excellence) • 6-stars Green Star (World Leadership)
Areas of assessment	<ul> <li>Energy and atmosphere</li> <li>Sustainable</li> <li>Sites</li> <li>Location and Transportation</li> <li>Materials and resources</li> <li>Water</li> <li>efficiency</li> <li>Indoor</li> <li>environmental quality</li> <li>Innovation in Design</li> <li>Regional Priority</li> </ul>	<ul> <li>Management</li> <li>Energy</li> <li>Land Use and</li> <li>Ecology</li> <li>Pollution</li> <li>Transport</li> <li>Materials</li> <li>Water</li> <li>Waste</li> <li>Health and</li> <li>Wellbeing</li> <li>Innovation</li> </ul>	<ul> <li>Energy Efficiency</li> <li>Resource efficiency</li> <li>Local environment</li> <li>Indoor environment</li> <li>* Areas for assessment of CASBEE for Real Estate are energy/GHG, water, resource, biodiversity,</li> </ul>	•Energy & Resources (Energy conservation, resource conservation, etc.) •Amenity (Convenience and comfort) •Resilience (Environmental risks, legal compliance, etc.) •Community & Diversity (Consideration	• Energy efficiency	<ul> <li>Climate Responsive Design</li> <li>Building Energy Performance</li> <li>Resource Stewardship</li> <li>Smart and Healthy Buildings</li> <li>Advanced Green Efforts</li> </ul>	<ul> <li>Energy</li> <li>Environment (Site, Components, Worksite, Water, Waste, Maintenance</li> <li>Comfort (Hydrotherm al, Acoustic, Visual, Olfactory)</li> <li>Health (Spaces quality, Air Quality,</li> </ul>	<ul> <li>Environment</li> <li>Economic</li> <li>Sociocultural and functional aspects</li> <li>Technology</li> <li>Processes</li> <li>Site</li> </ul>	<ul> <li>Management</li> <li>Indoor environmental quality</li> <li>Energy</li> <li>Transport</li> <li>Water</li> <li>Materials</li> <li>Land use and ecology</li> <li>Emissions</li> <li>Innovation</li> </ul>



	[	[	· ·		[	[			[]
			indoor	for the			Water		
			environment	surrounding			Quality)		
				environment			Principles of		
				and			Equivalence		
				biodiversity,					
				etc.)					
				<ul> <li>Partnership</li> </ul>					
				(information					
				disclosure,					
				etc.)					
Requirements	Minimum	Minimum	Score-based	Score-based	Score-based	Prerequisites	Prerequisites	Percentage-	There are
	requirements	requirements	performance	performance	performance	for each	(independent	based	conditional as
	independent of	depending on	level.	level.	level.	performance	of level of	performance	well as
	level of	the level of				area (to	certification) +	index The total	minimum
	certification;	certification;	CASBEE uses	The	The BELS	demonstrate	Points-based	performance	requirements
	point based	scoring system	the BEE (Built	assessment	score is based	minimum	performance	index	in several
	scoring system	weighted by	Environment	has a full score	on the Building	criteria met) +	level:	(expressed as	credits, based
	weighted by	category,	Efficiency) as	of 300 points	Energy Index,	numerical	Performing	a percentage)	on the rating
	category to	producing a	its assessment	and consists of	obtained by	scores	and High	is calculated by	tool, that are
	determine	percentage-	indicator,	85 questions,	comparing the	achieved in	Performing	adding the six	required to be
	certification	based overall	which is	73 of which are	energy	accordance	5	key areas of	selected for
	level.	score. The	calculated	regular	consumption	with the	The	assessment.	compliance.
	The rating	majority of	from Q (Built	questions and	of a building to	criteria in each	Prereguisite	The	
	system is	BREEAM	Environment	12 of which are	the standard	performance	level is	environmental,	There are
	adjusted to	issues are	Quality) as the	questions on	primary energy	area.	obtained when	economic,	several rating
	apply to	flexible,	numerator and	innovative	consumption	Performance	all the	sociocultural	tools within
	specific	meaning that	L (Built	initiatives.	of the building	Areas have	minimum	and functional	Green Star.
	sectors, such	the client can	Environment		type in official	different	requirements	aspects and	Each rating
	as: New	choose which	Load) as the	JREI will	guidelines.	weights.42	for a target are	technical	tool is
	Construction,	to comply with	denominator.	conduct on the	guidenneer		met, while the	quality each	designed to
	Major	to build their	Q and L are	ground review	A two-star	Depending on	Performing	account for	apply to a
	Renovation,	performance	obtained	of building	rating is	the level of	and High	22.5% of the	specific sector
	Core and Shell	score.	through the	performance	equivale <issue< th=""><th>building</th><th>Performing</th><th>total, process</th><th>with specific</th></issue<>	building	Performing	total, process	with specific
	Development,	BREEAM has	classification	on the	r	performance a	levels are	accounts for	eligibility
	Schools-	two stages/	and	indicators	abbreviation>o	nd numerical	obtained based	10% and the	criteria for
	/Retail/Healthc	audit reports: a	rearrangement	above, and a	meeting	score achieved	on a	site quality is	each of them
	are New	'BREEAM	of the four	committee set	existing energy	in performance	percentage of	given a	(e.g. Green Star
	Construction	Design Stage'	areas of	in JREI will	conservation	area, building's	points given	separate	- Design & As
	and Major	and a 'Post	assessment.	decide the	standards, with	level of	per target,	grade.	Built; Green
	Renovations,	Construction	acocoonient.	result of	higher star	certification is	allowing for	9.440.	Star – Interiors;
	and Existing	Stage', with	Buildings may	certification	ratings	determined.	flexibility.		and Green Star
	Buildings:	different	receive ranks	rank.	implying	determined.	nexionity.		
	Sunanigo.		ranging from C	i di lit.	greater	Assessment of	Based on the		Performance)
			(poor) to S		savings.	compliance	total number of		r chonnance)
		I			savinys.	compliance		1	

<sup>42</sup> Green Mark at: <u>https://www.bca.gov.sg/GreenMark/others/Green\_Mark\_NRB\_2015\_Criteria.pdf</u>



				[	[				[
	Operation and Maintenance.	assessment criteria.	(excellent), in order of increasing BEE value. For authorization, a building must receive a report from the CASBEE Certification system, which is afterwards assessed by the local government. * CASBEE for Real Estate does not use BEE, additional point system. Certification will not be given, if required item are not met.		The score is calculated by an accredited third party.	with Green Mark criteria is done by the Singapore Building and Construction Authority (BCA).	stars obtained per area, an overall HQE level is then given. Environmental certificates are assigned at all stages of the building life cycle, and on- site audits are required.		
Performance Display		★ ★ ★ ☆ ☆ Nas	E BEA BOARD		Commences - same 46 same		Distance	DENR DENR DENR DENR	per telling could autor 4 * Constant response telling 5 * Constant per telling could autor 6 * Constant 6 * Constant
Qualitative consideration	Worldwide recognition and application	Worldwide recognition and application	CASBEE is continuously developed based on industry- government- academia collaboration under the support of	In addition to LEED and CASBEE, DBJ Green Buildings Certification Programme is considered as one of the green building	BELS is aligned with official government standards. The scheme assesses only energy performance, without any				

# Second-Party Opinion Mitsui Fudosan Green Finance Framework



Ministry of standar		
Land, Japan.	consideration	
Infrastructure, Accordi		
Transport and its webs	site, as environmental	
Tourism. In of Marc	h 2019, factors.	
Japan, many 695 pro		
local in Japa		
governments certified		
have made progran	nme. <sup>43</sup>	
CASBEE		
assessment		
results		
mandatory for		
building		
permits.		
Compared to		
similar tools		
available		
internationally,		
CASBEE		
displays a		
unique and		
simple		
structure.		

<sup>&</sup>lt;sup>43</sup> Development Bank of Japan, Japan Real Estate Institute (JREI), "DBJ Green Building", at: <u>http://igb.jp/en/index.html</u>.

### Appendix 3: Green Bond / Green Bond Programme - External Review Form

### Section 1. Basic Information

Issuer name:	Mitsui Fudosan Co. Ltd
Green Bond ISIN or Issuer Green Bond Framework Name, if applicable:	Mitsui Fudosan Green Finance Framework
Review provider's name:	Sustainalytics
Completion date of this form:	April 12, 2022

### Section 2. Review overview

#### SCOPE OF REVIEW

The following may be used or adapted, where appropriate, to summarise the scope of the review. The review assessed the following elements and confirmed their alignment with the GBP:

$\boxtimes$	Use of Proceeds	$\boxtimes$	Process for Project Evaluation and Selection						
$\boxtimes$	Management of Proceeds	$\boxtimes$	Reporting						
ROLE(	ROLE(S) OF REVIEW PROVIDER								
$\boxtimes$	Consultancy (incl. 2 <sup>nd</sup> opinion)		Certification						
	Verification		Rating						

 $\Box$  Other (please specify):

Note: In case of multiple reviews / different providers, please provide separate forms for each review.

#### EXECUTIVE SUMMARY OF REVIEW and/or LINK TO FULL REVIEW (if applicable)

Please refer to Evaluation Summary above.

### Section 3. Detailed review

Reviewers are encouraged to provide the information below to the extent possible and use the comment section to explain the scope of their review.

#### 1. USE OF PROCEEDS

Overall comment on section (if applicable):



The eligible category for the use of proceeds Green Buildings is aligned with those recognized by the Green Bond Principles 2021 and Green Loan Principles 2021. Sustainalytics considers that investments in the eligible project will advance the UN Sustainable Development Goals, specifically SDG 9.

#### Use of proceeds categories as per GBP:

Renewable energy	Energy efficiency
Pollution prevention and control	Environmentally sustainable management of living natural resources and land use
Terrestrial and aquatic biodiversity conservation	Clean transportation
Sustainable water and wastewater management	Climate change adaptation
Eco-efficient and/or circular economy adapted products, production technologies and processes	Green buildings
Unknown at issuance but currently expected to conform with GBP categories, or other eligible areas not yet stated in GBP	Other (please specify):

If applicable please specify the environmental taxonomy, if other than GBP:

#### 2. PROCESS FOR PROJECT EVALUATION AND SELECTION

Overall comment on section (if applicable):

Mitsui Fudosan Co. Ltd's Sustainability Promotion Division and Accounting and Finance Department will select projects based on the eligibility criteria. When Mitsui Fudosan Co. Ltd issues green bonds or green loans, the final decision will be made by the managing officer in charge of accounting and finance, or the head of relevant departments. In the case where the Company's affiliate executes green loans, the CEO or CFO of such affiliate will make the final decision. Mitsui Fudosan Co. Ltd's environmental and social risk assessments and mitigation processes as well as the Group's sustainable procurement standards apply to all allocation decisions made under the Framework. Sustainalytics considers the project selection process to be in line with market practice.

#### **Evaluation and selection**

	Credentials on the issuer's environmental sustainability objectives	$\boxtimes$	Documented process to determine that projects fit within defined categories
	Defined and transparent criteria for projects eligible for Green Bond proceeds		Documented process to identify and manage potential ESG risks associated with the project
$\boxtimes$	Summary criteria for project evaluation and selection publicly available		Other (please specify):



#### Information on Responsibilities and Accountability

- Evaluation / Selection criteria subject to external advice or verification
- □ In-house assessment

□ Other (please specify):

#### **3. MANAGEMENT OF PROCEEDS**

Overall comment on section (if applicable):

Proceeds will be tracked and managed annually using Mitsui Fudosan Co. Ltd's internal management system and an Excel-based tracking form. Mitsui Fudosan Co. Ltd intends to achieve full allocation within 24 months of green bond issuance or green loan execution. Pending allocation, unallocated proceeds will be held in cash equivalents. Sustainalytics considers this process to be in line with market practice.

#### Tracking of proceeds:

- Green Bond proceeds segregated or tracked by the issuer in an appropriate manner
- Disclosure of intended types of temporary investment instruments for unallocated proceeds
- $\Box$  Other (please specify):

#### Additional disclosure:

	Allocations to future investments only	$\boxtimes$	Allocations to both existing and future investments
	Allocation to individual disbursements		Allocation to a portfolio of disbursements
$\boxtimes$	Disclosure of portfolio balance of unallocated proceeds		Other (please specify):

#### 4. REPORTING

Overall comment on section (if applicable):

Mitsui Fudosan Co. Ltd intends to report on the allocation and impact from the projects annually. The disclosure will include information on eligible projects financed, amount of allocated proceeds and date of funding, amount of unallocated proceeds and expected timeline to allocate the unallocated proceeds and relevant impact indicators. Sustainalytics views Mitsui Fudosan Co. Ltd's reporting system as aligned with market practice.

#### Use of proceeds reporting:

- ☑ Project-by-project
  □ On a project portfolio basis
- □ Linkage to individual bond(s) □ Other (please specify):



	$\boxtimes$	Allocated amounts			Green Bond financed share of tot investment
		Other ( <i>please specify</i> ): Ov of eligible projects, date of allocation, amount and ex date of allocation of unal proceeds if any.	of xpecte	d	
	Fre	quency:			
	$\boxtimes$	Annual			Semi-annual
		Other (please specify):			
Imp	act reporting:				
	Project-by-proje	ct	$\boxtimes$	On a pro	pject portfolio basis
	Linkage to individual bond(s)			Other (please specify):	
	Info	rmation reported (expected	d or ex	-post):	
	$\boxtimes$	GHG Emissions / Savings			Energy Savings
		Decrease in water use			Other ESG indicators (please specify): Water usage, energy consumption, and type and level of green building certification received
	Fre	quency			
	$\boxtimes$	Annual			Semi-annual
		Other (please specify):			
Mea	ins of Disclosure				
	Information published in financial report			Information published in sustainability report	
	Information published in ad hoc documents Corporate website				
					e reporting are subject to

USEFUL LINKS (e.g. to review provider methodology or credentials, to issuer's documentation, etc.)



#### SPECIFY OTHER EXTERNAL REVIEWS AVAILABLE, IF APPROPRIATE

#### Type(s) of Review provided:

- □ Consultancy (incl. 2<sup>nd</sup> opinion)
- □ Verification / Audit
- $\Box$  Other (please specify):

Review provider(s):

#### 

Rating

Date of publication:

#### ABOUT ROLE(S) OF INDEPENDENT REVIEW PROVIDERS AS DEFINED BY THE GBP

- i. Second-Party Opinion: An institution with environmental expertise, that is independent from the issuer may issue a Second-Party Opinion. The institution should be independent from the issuer's adviser for its Green Bond framework, or appropriate procedures, such as information barriers, will have been implemented within the institution to ensure the independence of the Second-Party Opinion. It normally entails an assessment of the alignment with the Green Bond Principles. In particular, it can include an assessment of the issuer's overarching objectives, strategy, policy and/or processes relating to environmental sustainability, and an evaluation of the environmental features of the type of projects intended for the Use of Proceeds.
- ii. Verification: An issuer can obtain independent verification against a designated set of criteria, typically pertaining to business processes and/or environmental criteria. Verification may focus on alignment with internal or external standards or claims made by the issuer. Also, evaluation of the environmentally sustainable features of underlying assets may be termed verification and may reference external criteria. Assurance or attestation regarding an issuer's internal tracking method for use of proceeds, allocation of funds from Green Bond proceeds, statement of environmental impact or alignment of reporting with the GBP, may also be termed verification.
- iii. Certification: An issuer can have its Green Bond or associated Green Bond framework or Use of Proceeds certified against a recognised external green standard or label. A standard or label defines specific criteria, and alignment with such criteria is normally tested by qualified, accredited third parties, which may verify consistency with the certification criteria.
- iv. Green Bond Scoring/Rating: An issuer can have its Green Bond, associated Green Bond framework or a key feature such as Use of Proceeds evaluated or assessed by qualified third parties, such as specialised research providers or rating agencies, according to an established scoring/rating methodology. The output may include a focus on environmental performance data, the process relative to the GBP, or another benchmark, such as a 2-degree climate change scenario. Such scoring/rating is distinct from credit ratings, which may nonetheless reflect material environmental risks.



## Disclaimer

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These are based on information made available by the issuer and therefore are not warranted as to their merchantability, completeness, accuracy, up-to-dateness or fitness for a particular purpose. The information and data are provided "as is" and reflect Sustainalytics` opinion at the date of their elaboration and publication. Sustainalytics accepts no liability for damage arising from the use of the information, data or opinions contained herein, in any manner whatsoever, except where explicitly required by law. Any reference to third party names or Third Party Data is for appropriate acknowledgement of their ownership and does not constitute a sponsorship or endorsement by such owner. A list of our third-party data providers and their respective terms of use is more available on our website. For information, visit http://www.sustainalytics.com/legal-disclaimers.

The issuer is fully responsible for certifying and ensuring the compliance with its commitments, for their implementation and monitoring.

This document is translated from the Japanese language. In case of discrepancies between the Japanese language and translated versions, the Japanese language version shall prevail.



# About Sustainalytics, a Morningstar Company

Sustainalytics, a Morningstar Company, is a leading ESG research, ratings and data firm that supports investors around the world with the development and implementation of responsible investment strategies. The firm works with hundreds of the world's leading asset managers and pension funds who incorporate ESG and corporate governance information and assessments into their investment processes. The world's foremost issuers, from multinational corporations to financial institutions to governments, also rely on Sustainalytics for credible second-party opinions on green, social and sustainable bond frameworks. In 2020, Climate Bonds Initiative named Sustainalytics the "Largest Approved Verifier for Certified Climate Bonds" for the third consecutive year. The firm was also recognized by Environmental Finance as the "Largest External Reviewer" in 2020 for the second consecutive year. For more information, visit www.sustainalytics.com.



Largest Verifier for Certified Climate Bonds in Deal volume in 2020 & Largest External Review Provider in 2020







