

Green bonds issued on February 22, 2022

Environmental Impact (March 2025)

Renewable Energy

Category		Projects	Annual Energy Production (Unit: MWh) ¹	Mizuho's Contribution ³ to Expected CO ₂ Emission Reductions (Unit: tons of CO ₂ /year) ²
Renewable Energy	Solar	2	1,818,576	238,269
	Wind	1	1,844,671	956
Total		3	3,663,247	239,225

Notes:

1. Total production for all projects.
2. Annual expected CO₂ emission reductions are based on the concept of Avoided Emissions under [PCAF](#) Guidance. We use the emission factors of fossil fuels that are consumed to generate the biggest electricity in the region that the project is located, and calculate CO₂ emission reductions contributed by the renewable power projects that Mizuho finance.
3. Calculated by multiplying the project expected CO₂ emission reductions by the ratio of Mizuho's outstanding debt of the total project cost (Mizuho's Attribution Factor). Mizuho's Attribution Factor is in line with [PCAF](#) Guidance.

Green Building

Category	Number of Buildings ⁴	Number and certification level of green buildings ⁵			
		LEED ⁶	CASBEE ⁷	DBJ Green Building	BELS ⁸
Green Building	269	Platinum: 1 property Gold: 3 properties	S rank: 100 properties A rank: 99 properties	5 stars: 7 properties 4 stars: 15 properties	(2016 version) 5 stars: 73 properties 4 stars: 13 properties (2024 version) 6 stars: 5 properties

Notes:

4. Number of Buildings which have received classifications
5. As some buildings obtained more than one certifications, the total numbers don't match with the number of buildings
6. LEED : Leadership in Energy and Environmental Design
7. CASBEE : Comprehensive Assessment System for Built Environment Efficiency
8. BELS : Building-Housing Energy-efficiency Labelling System

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Renewable Energy	Solar	2	1,818,576	252,242
	Wind	1	1,844,671	6,624
Total		3	3,663,247	258,866

Notes:

1. Total production for all projects.
2. Annual expected CO₂ emission reductions are based on the concept of Avoided Emissions under [PCAF](#) Guidance. We use the emission factors of fossil fuels that are consumed to generate the biggest electricity in the region that the project is located, and calculate CO₂ emission reductions contributed by the renewable power projects that Mizuho finance.
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Green Building

Category	Number of Buildings ⁴	Number and certification level of green buildings ⁵			
		LEED ⁶	CASBEE ⁷	DBJ Green Building	BELS ⁸
Green Building	208	Platinum: 1 property Gold: 2 property	S rank: 73 properties A rank: 92 properties	5 stars: 2 properties 4 stars: 3 properties	5 stars: 62 properties 4 stars: 18 properties

Notes:

4. Number of Buildings which have received classifications
5. As some buildings obtained more than one certifications, the total numbers don't match with the number of buildings
6. LEED : Leadership in Energy and Environmental Design
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Renewable Energy	Solar	2	1,818,576	267,489
	Wind	1	1,844,671	4,342
Total		3	3,663,247	271,832

Notes:

1. Total production for all projects.
2. Annual expected CO₂ emission reductions are based on the concept of Avoided Emissions under [PCAF](#) Guidance. We use the emission factors of fossil fuels that are consumed to generate the biggest electricity in the region that the project is located, and calculate CO₂ emission reductions contributed by the renewable power projects that Mizuho finance.
3. Calculated by multiplying the project expected CO₂ emission reductions by the ratio of Mizuho's outstanding debt of the total project cost (Mizuho's Attribution Factor). Mizuho's Attribution Factor is in line with [PCAF](#) Guidance.

Green Building

Category	Number of Buildings ⁴	Number and certification level of green buildings ⁵			
		LEED ⁶	CASBEE ⁷	DBJ Green Building	BELS ⁸
Green Building	336	Platinum: 1 property Gold: 2 property	S rank: 136 properties A rank: 132 properties	5 stars: 11 properties 4 stars: 27 properties	5 stars: 87 properties 4 stars: 24 properties

Notes:

4. Number of Buildings which have received classifications
5. As some buildings obtained more than one certifications, the total numbers don't match with the number of buildings
6. LEED : Leadership in Energy and Environmental Design
7. CASBEE : Comprehensive Assessment System for Built Environment Efficiency
8. BELS : Building-Housing Energy-efficiency Labelling System