

Green bonds issued on August 28, 2023

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	3	358,926	31,758
	Wind	6	17,570,778	1,042,749
	Solar + Wind	3	11,468,746	704,887
Total		12	29,398,450	1,779,394

- 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	71	Platinum: 1 property Gold: 1 property	S rank: 22 properties A rank: 24 properties	5 stars: 1 property	(2016 version) 5 stars: 20 properties 4 stars: 6 properties (2024 version) 6 stars: 3 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	3	358,926	32,787
	Wind	7	17,188,900	1,090,685
	Solar + Wind	1	743,374	12,441
Total		11	18,291,200	1,135,913

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	7	Gold: 1 property	S rank: 2 properties	5 stars: 1 properties	5 stars: 4 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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