

Green bonds issued on August 27, 2024

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	1	1,497,960	25,147
	Wind	2	4,258,411	64,359
	Solar + Wind	1	743,374	14,063
Total		4	6,499,745	103,569

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	153	Gold: 3 properties	S rank: 47 properties A rank: 82 properties	5 stars: 1 property 4 stars: 23 properties	(2016 version) 5 stars: 12 properties 4 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