

Green bonds issued on July 6, 2023

Environmental Impact (March 2024)

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	2,421,737	20,894
	Wind	7	8,847,416	391,791
	Solar + Wind	1	4,038,008	65,522
Total		9	15,307,161	478,208

- Notes:
- Total production for all projects.
 - 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.
 - 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.

Clean Transportation

Category	Projects	Mizuho's Contribution ⁴ to Expected CO ₂ Emission Reductions (Unit: tons of CO ₂ /year)
Clean Transportation	2	773,912

- Notes:
- Calculated by multiplying the project expected CO₂ emission reductions by the ratio of Mizuho's outstanding debt of the total project cost.

Green Building

Category	Number of Buildings ⁵	Number and certification level of green buildings ⁶			
		LEED ⁷	CASBEE ⁸	DBJ Green Building	BELS ⁹
Green Building	36	Platinum: 1 property Gold: 2 property	S rank: 13 properties A rank: 5 properties	5 stars: 1 properties 4 stars: 4 properties	5 stars: 18 properties 4 stars: 2 properties

Notes:

5. Number of Buildings which have received classifications

6. As some buildings obtained more than one certifications, the total numbers don't match with the number of buildings

7. LEED : Leadership in Energy and Environmental Design

8. CASBEE : Comprehensive Assessment System for Built Environment Efficiency

9. BELS : Building-Housing Energy-efficiency Labelling System