

Green bonds issued on October 7, 2020

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	127,721	11,854
	Wind	5	8,984,689	54,801
Total		6	9,112,410	66,655

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	476	Platinum: 1 property Gold: 3 properties	S rank: 203properties A rank: 173 properties	5 stars: 19 properties 4 stars: 43 properties	(2016 version) 5 stars: 85properties 4 stars: 25 properties (2024 version) 6 stars: 8properties 4 stars: 3properties 3 stars: 1property

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	581,138	12,602
	Wind	5	9,164,505	63,793
Total		7	9,745,644	76,395

Notes:

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Category	Number of Buildings ⁴	Number and certification level of green buildings ⁵			
		LEED ⁶	CASBEE ⁷	DBJ Green Building	BELS ⁸
Green Building	374	Platinum: 1 property Gold: 1 property	S rank: 136 properties A rank: 131 properties	5 stars: 12 properties 4 stars: 52 properties	5 stars: 82 properties 4 stars: 28 properties

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Renewable Energy	Solar	1	127,721	12,764
	Wind	2	4,083,845	69,757
	Biomass	1	724,229	246,794
Total		4	4,935,795	329,315

Notes:

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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	182	Platinum: 1 property Gold: 1 property	S rank: 53 properties A rank: 66 properties	5 stars: 2 properties 4 stars: 26 properties	5 stars: 40 properties 4 stars: 9 properties

Notes:

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