



Sumitomo Mitsui Trust Bank

Annual Green Bond Report

September 2019

Allocation Reporting – use of proceeds of the Green Bond

Issue amount : EUR 500 million - fully allocated towards 16 Eligible Green Projects

Issue date : Sep 25, 2018

Maturity date : Sep 25, 2020

No	Category	Sub Category	Country	Loan Agreement Date	Currency	Loan balance as of Mar 31, 2019 (EUR million *)
1	Renewable Energy	Wind (onshore)	Canada	2017/5	CAD	23
2	Renewable Energy	Wind (onshore)	Canada	2018/2	CAD	17
3	Renewable Energy	Wind (offshore)	Belgium	2017/7	EUR	41
4	Renewable Energy	Solar	Japan	2016/9	JPY	24
5	Renewable Energy	Solar	Japan	2017/12	JPY	79
6	Renewable Energy	Solar	Japan	2017/3	JPY	24
7	Renewable Energy	Solar	Japan	2017/3	JPY	39
8	Renewable Energy	Solar	Japan	2017/3	JPY	33
9	Renewable Energy	Solar	Japan	2017/3	JPY	21
10	Renewable Energy	Solar	Japan	2017/9	JPY	71
11	Renewable Energy	Solar	Japan	2017/9	JPY	37
12	Renewable Energy	Solar	Japan	2017/9	JPY	25
13	Renewable Energy	Solar	Japan	2017/8	JPY	52
14	Renewable Energy	Solar	Japan	2017/6	JPY	37
15	Renewable Energy	Solar	Japan	2017/11	JPY	20
16	Renewable Energy	Solar	Japan	2018/2	JPY	40

* Translated into EUR at the exchange rates as of Mar 31, 2019

Total	582
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Impact Reporting (1) – environmental impacts of financed Eligible Green Projects

Annual power generation from 16 Eligible Green Projects : 2,979,511 MWh per year

Annual CO2 emissions reduction : 650,738 tons (SuMiTB's proportion : 178,685 tons)

Category	Sub Category	Country	Number of projects	Annual power generation (MWh)	Annual CO2 Emissions Reduction (t-CO2)	(SuMiTB's proportion)
Renewable Energy	Wind	Canada Belgium	3	2,665,500	494,988	51,929
	Solar	Japan	13	314,011	155,749	126,756
Total			16	2,979,511	650,738	178,685

Annual power generation (MWh) = capacity of power generation (MW) × Hours of operation × Estimated capacity factor

Annual CO2 emissions reduction = Annual power generation (MWh) × CO2 emission factor* (t-CO2/MWh)

* CO2 emission factors are derived from the Greenhouse Gas(GHG) Protocol and the Minister of Economy, Trade and Industry (METI).

Impact Reporting (2) – environmental impacts of financed Eligible Green Projects

No	Category	Sub Category	Country	EP Category	Annual CO2 Emissions Reduction (t-CO2)	
						(SuMiTB's propotion)
1	Renewable Energy	Wind (onshore)	Canada	B	48,541	7,330
2	Renewable Energy	Wind (onshore)	Canada	B	124,604	4,370
3	Renewable Energy	Wind (offshore)	Belgium	B	321,843	40,230
4	Renewable Energy	Solar	Japan	B	18,211	7,967
5	Renewable Energy	Solar	Japan	B	19,459	14,934
6	Renewable Energy	Solar	Japan	B	5,907	5,907
7	Renewable Energy	Solar	Japan	B	9,110	9,110
8	Renewable Energy	Solar	Japan	B	5,587	5,587
9	Renewable Energy	Solar	Japan	B	7,726	4,377
10	Renewable Energy	Solar	Japan	B	19,063	15,883
11	Renewable Energy	Solar	Japan	B	13,392	13,392
12	Renewable Energy	Solar	Japan	B	18,168	14,517
13	Renewable Energy	Solar	Japan	B	11,259	10,511
14	Renewable Energy	Solar	Japan	B	8,760	8,760
15	Renewable Energy	Solar	Japan	B	6,660	3,364
16	Renewable Energy	Solar	Japan	B	12,447	12,447
Total					650,738	178,685