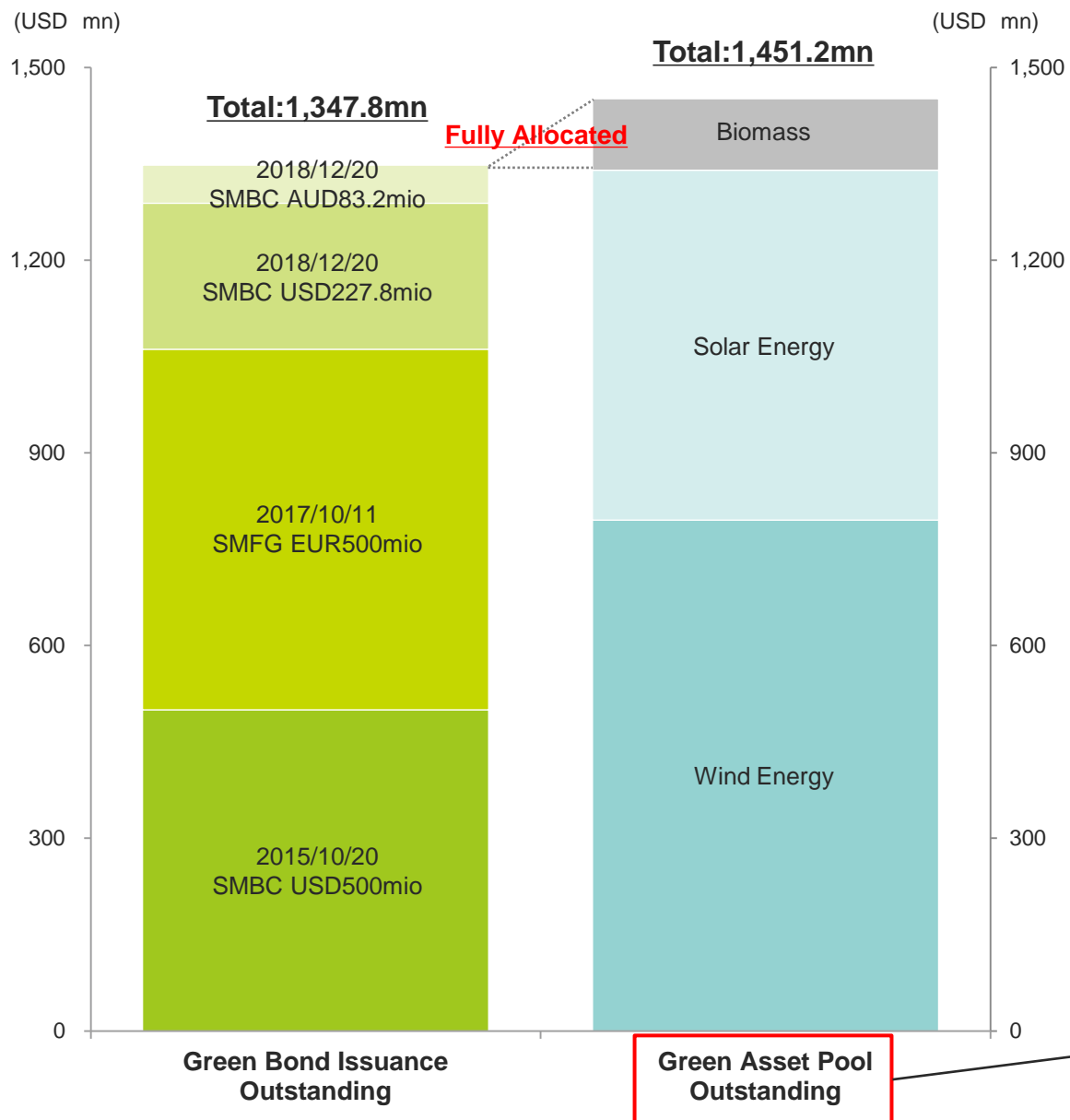


# FY3/2019 Annual Green Bond Investor Report

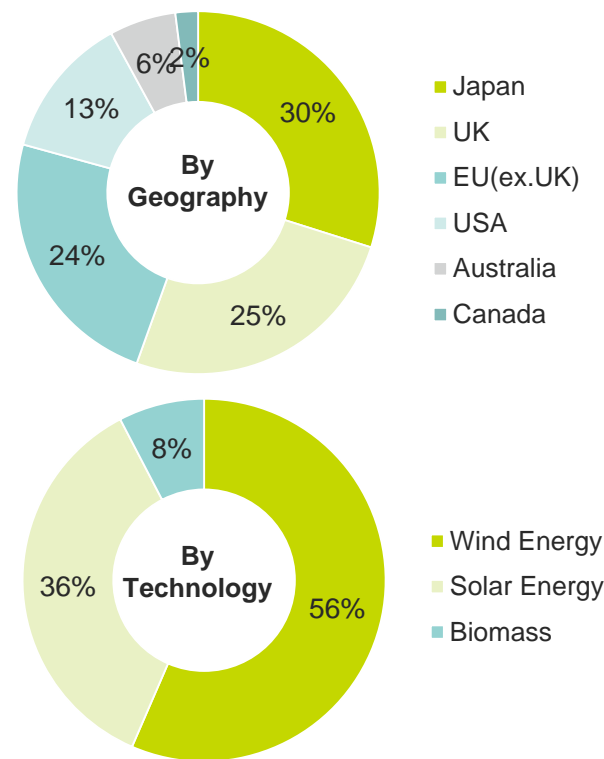
July 31, 2019

# Overview of Green Bond Issuance and Green Assets Pool

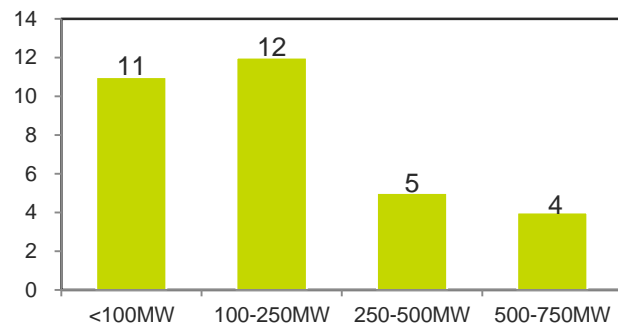
## Balance of Green Bond Issuance and Green Assets Pool\*1 (as of Mar. 19)



### Overview of Green Asset Pool



### Facility Capacity (Number of Projects)



\*1 Translated into USD at the exchange rates as of Mar. 19

# Green Bond Impact Reporting

## Impact Reporting (as of Mar. 19)

Category	Sub Category	Country	Number of Projects	Capacity (MW)	Estimated CO <sub>2</sub> emissions reduction (tCO <sub>2</sub> )	
						o/w SMBC Group financed
Renewable Energy	Wind energy	France, UK, Germany The Netherlands Belgium Canada, USA Australia	18	5,210MW	6,001,357 t-CO <sub>2</sub>	673,186 t-CO <sub>2</sub>
	Solar energy	Japan, France USA, Australia	13	1,467MW	1,355,652 t-CO <sub>2</sub>	258,249 t-CO <sub>2</sub>
	Biomass	UK, Japan	3	-	388,782 t-CO <sub>2</sub>	129,015 t-CO <sub>2</sub>
Total					7,745,792 t-CO <sub>2</sub>	1,060,451 t-CO <sub>2</sub>

**SMFG/SMBC Green Bond Outstanding (as of Mar. 19)<sup>\*1</sup>**

**USD 1,347.8 mn**

**CO<sub>2</sub> Avoidance per USD1mn**

**786.8 t-CO<sub>2</sub>**

\*1 Translated into USD at the exchange rates as of Mar. 19

# Calculation Method of CO<sub>2</sub> Emission Reduction

## Estimating CO<sub>2</sub> Emissions Reduction

- ✓ The amount of annual reduction in CO<sub>2</sub> emissions is estimated by Japan Research Institute(JRI), using data from the International Energy Agency(IEA), the Greenhouse Gas(GHG) Protocol, the Cabinet Secretariat and the Ministry of Economy, Trade and Industry(METI), the European Wind Energy Association(EWEA, now WindEurope).
- ✓ For renewal energy projects, JRI assumes zero emissions for electricity sold. Thus, CO<sub>2</sub> emissions are reduced by the amount of CO<sub>2</sub> emissions generated to produce the equivalent amount of electricity by common source of electricity in the country where the renewal energy project is located.

## Calculation method of CO<sub>2</sub> emission reduction

The annual CO<sub>2</sub> emission reduction through a project is calculated using the following formula.

### 1. In the case of annual power generation result is available

$$\text{Annual CO}_2 \text{ reduction (t-CO}_2\text{/y)} = \text{Annual power generation (MWh/y)} \times \text{CO}_2 \text{ emission factor}^{*1} \text{ (t-CO}_2\text{/MWh)}$$

### 2. In the case of annual power generation result is **not** available

$$\text{Annual CO}_2 \text{ reduction (t-CO}_2\text{/y)} = \text{Facility capacity (MW)} \times 24\text{h} \times 365\text{days} \times \text{Capacity factor}^{*2} \times \text{CO}_2 \text{ emission factor (t-CO}_2\text{/MWh)}$$

\*1CO<sub>2</sub> emission factor

- CO<sub>2</sub> emission factors are derived from IEA “CO<sub>2</sub> Emissions from Fuel Combustion 2018 edition”

Country	CO <sub>2</sub> emission factor (t-CO <sub>2</sub> /MWh)
UK	0.278
Germany	0.447
France	0.052
USA	0.433
Australia	0.759
Indonesia	0.729
Japan	0.544
Belgium	0.172
Netherlands	0.464
Canada	0.149

\*2Capacity factor

- If no value is available for each project, capacity factor shall be replaced by the following values for each generation type.
- The capacity factor is quoted from EWEA for overseas wind power and those from the power generation cost verification working group “Report on Verification of Power Generation Costs to the Long-term Energy Supply and Demand Forecast Subcommittee” (May 2015) for domestic wind power and for solar power.

	Wind power		Solar power
	Overseas	Domestic	
Onshore	24.0%	20.0%	14.0%
Offshore	41.0%	30.0%	

# Use of Proceeds Statement for each Issuance 1/3

## 2015/10/20 SMBC Green Bond USD500mn

### Net Proceeds from Note Issuance

Sumitomo Mitsui Banking Corporation USD500,000,000 2.45% Senior Notes due 2020

USD 500mn

### Use of Proceeds as of Mar. 2019

Category	Sub-Category	Loan Agreement Date	Currency	Country	Loan balance (USD mn) <sup>*1</sup>	CO <sub>2</sub> Emissions Reduction (t-CO <sub>2</sub> )	
							(o/w SMBC Group Financed)
Renewable Energy	Biomass	2014/10	GBP	UK	30	68,192	7,131
Renewable Energy	Biomass	2014/8	GBP	UK	65	9,645	3,215
Renewable Energy	Wind Energy	2014/5	EUR	Netherland	25	1,212,710	45,651
Renewable Energy	Wind Energy	2014/10	CAD	Canada	37	46,989	4,840
Renewable Energy	Wind Energy	2014/4	USD	USA	56	213,427	65,295
Renewable Energy	Wind Energy	2014/11	AUD	Australia	27	204,976	55,403
Renewable Energy	Wind Energy	2017/7	EUR	France	27	17,124	5,822
Renewable Energy	Wind Energy	2017/11	EUR	France	44	17,576	4,633
Renewable Energy	Wind Energy	2017/8	GBP	UK	26	578,462	123,148
Renewable Energy	Wind Energy	2016/5	GBP	UK	52	401,383	25,569
Renewable Energy	Solar Energy	2014/9	JPY	Japan	80	154,408	16,459
Renewable Energy	Solar Energy	2014/3	JPY	Japan	37	60,833	9,999
				<b>Total</b>	<b>507</b>	<b>2,985,724</b>	<b>367,164</b>
<b>Net Proceeds from Note Issuance</b>						<b>USD 500mn</b>	
<b>CO<sub>2</sub> avoidance per USD1mn</b>						<b>734.3 t-CO<sub>2</sub></b>	

\*1 Translated into USD at the exchange rates as of Mar. 19

# Use of Proceeds Statement for each Issuance 2/3

## 2017/10/11 SMFG Green Bond EUR500mn

### Net Proceeds from Note Issuance

Sumitomo Mitsui Financial Group EUR500,000,000 0.934% Senior Notes due 2024

EUR 500mn

### Use of Proceeds as of Mar. 2019

Category	Sub-Category	Loan Agreement Date	Currency	Country	Loan balance (USD mn) <sup>*1</sup>	CO <sub>2</sub> Emissions Reduction (t-CO <sub>2</sub> )	
							(o/w SMBC Group Financed)
Renewable Energy	Wind Energy	2016/12	GBP	UK	129	676,652	58,115
Renewable Energy	Wind Energy	2017/2	EUR	Germany	20	479,391	48,578
Renewable Energy	Wind Energy	2016/5	GBP	UK	68	611,961	51,387
Renewable Energy	Wind Energy	2016/8	EUR	Germany	93	707,085	36,552
Renewable Energy	Wind Energy	2017/5	EUR	Belgium	29	126,785	16,745
Renewable Energy	Wind Energy	2017/12	EUR	Belgium	11	86,240	22,342
Renewable Energy	Solar Energy	2017/3	EUR	France	29	2,732	601
Renewable Energy	Solar Energy	2016/8	USD	USA	43	253,169	49,888
Renewable Energy	Solar Energy	2016/12	USD	USA	31	446,822	40,284
Renewable Energy	Solar Energy	2016/11	AUD	Australia	27	289,902	57,978
Renewable Energy	Solar Energy	2016/9	JPY	Japan	110	32,239	24,872
Renewable Energy	Solar Energy	2015/12	JPY	Japan	32	16,637	9,298
				Total	621	3,729,617	416,640

Net Proceeds from Note Issuance

EUR 500mn  
(USD 561mio equiv.)<sup>\*1</sup>

CO<sub>2</sub> avoidance per USD1mn

742.6 t-CO<sub>2</sub>

\*1 Translated into USD at the exchange rates as of Mar. 19

# Use of Proceeds Statement for each Issuance 3/3

## 2018/12/20 SMBC Green Bond USD227.8mn/AUD83.2mn

### Net Proceeds from Note Issuance

Sumitomo Mitsui Banking Corporation USD227,800,000 3.370% Senior Notes due 2023  
Sumitomo Mitsui Banking Corporation AUD83,200,000 2.900% Senior Notes due 2023

USD 227.8mn  
AUD 83.2mn

### Use of Proceeds as of Mar. 2019

Category	Sub-Category	Loan Agreement Date	Currency	Country	Loan balance (USD mn) <sup>*1</sup>	CO <sub>2</sub> Emissions Reduction (t-CO <sub>2</sub> )	
							(o/w SMBC Group Financed)
Renewable Energy	Wind Energy	2018/3	JPY	Japan	24	115,896	16,374
Renewable Energy	Wind Energy	2018/4	USD	USA	54	52,121	11,500
Renewable Energy	Wind Energy	2017/1	AUD	Australia	32	319,144	63,829
Renewable Energy	Wind Energy	2018/5	EUR	Belgium	66	133,435	17,403
Renewable Energy	Solar Energy	2018/3	JPY	Japan	40	24,885	16,208
Renewable Energy	Solar Energy	2018/6	JPY	Japan	35	32,794	8,802
Renewable Energy	Solar Energy	2017/3	JPY	Japan	24	9,540	7,617
Renewable Energy	Solar Energy	2017/4	JPY	Japan	12	8,540	3,842
Renewable Energy	Solar Energy	2017/12	JPY	Japan	19	23,151	12,401
Renewable Energy	Biomass	2018/3	JPY	Japan	17	310,945	118,669
Total					323	1,030,451	276,646

Net Proceeds from Note Issuance

USD 227.8mn  
AUD 83.2mn  
(USD 287mio equiv.)<sup>\*1</sup>

CO<sub>2</sub> avoidance per USD1mn

963.9 t-CO<sub>2</sub>

\*1 Translated into USD at the exchange rates as of Mar. 19