# MUFG Green Bonds Reporting (Issuance date 18/12/2018)

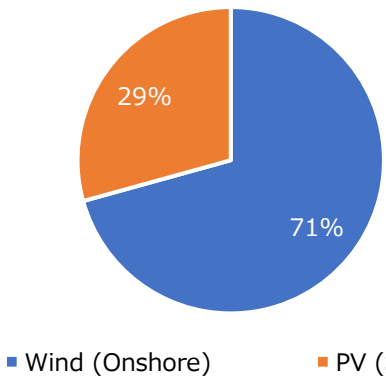
## Use of Proceeds

| Eligible Green Projects | |
|---|---|
| Renewable Energy   | Financing of eligible renewable energy projects (solar thermal power generation, solar photovoltaic power generation and onshore and offshore wind farm projects) which are certified as eligible to funding[*1] based on environmental and social impact assessments performed by MUFG Bank in accordance with the Equator Principles[*2]<br><br>*1 Eligible projects need to be categorized as Category B or Category C under the Equator Principles.<br>*2 The Equator Principles is a financial industry benchmark for identifying, assessing and managing environmental and social risks and impacts in large-scale projects, which is intended to serve as a common baseline and framework for financial institutions acting as lenders or financing advisers for clients. |

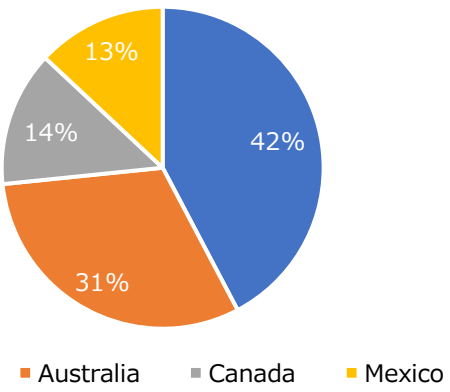
## Allocation of Funds (as of the end of March 2023)

The aggregate amount of loans outstanding as of March 31, 2023 to Eligible Green Projects that were funded by the net proceeds from the sale of the MUFG Green Bonds issued in December 2018, was US$154 million (for a total of 9 projects). By type of electricity generation project, wind power (onshore) and solar photovoltaic power accounted for 71% and 29%, respectively. In terms of geographical distribution, Japan represented the largest portion, followed by Australia and Canada. (See the charts below for details for your reference.) The foregoing amounts are U.S. dollar equivalent amounts calculated based on the exchange rate between the U.S. dollar and other currencies and as of March 31, 2023.

By type of electricity generation project




By geographical distribution



# Environmental Impacts (as of the end March 2023)

The environmental impacts of Eligible Green Projects to which proceeds from the MUFG Green Bonds issued in December 2018, is as follows:

## Environmental Impacts (Renewable Energy)

The annual energy generation from Eligible Green Projects to which proceeds from the MUFG Green Bonds issued in December 2018 is 3,799 million kWh per year with avoided annual $CO_2$ emissions of 1.91 million tons. MUFG bank's estimated proportion of the $CO_2$ avoidance is 0.49 million tons, which can be obtained as an aggregate amount of multiplying MUFG Bank's share of financing for each eligible green project by $CO_2$ emissions avoided of the project. The annual energy production is calculated based on the below formula with the average capacity factor published by the International Renewable Energy Agency.

Annual energy generation (kWh)
= capacity of energy generation (kW) × Hours of operation × Average capacity factor (%)

The estimated $CO_2$ avoidance is calculated based on the average emission factor published by the International Finance Corporation as below.

$CO_2$ emission reductions
= Annual energy production (kWh) × Average emission factor ($gCO_2$/ kWh)

| Category | Sub category | Annual energy generation (kWh) | Annual $CO_2$ emissions avoided (t-$CO_2$) |
|---|---|---|---|
| Renewable Energy | Solar photovoltaic power | 1,636,297,920 | 824,694<br>(284,797) |
| | Wind (Onshore) | 2,163,264,480 | 1,090,285<br>(209,735) |
| Total | | 3,799,562,400 | 1,914,979<br>(494,533) |

※The figures in parentheses () is MUFG Bank's proportion.

# Disclosure Policy (conducted in June 2019)

MUFG has received a report on the allocation of amounts equivalent to the net proceeds from the sale of its Green Bonds issued in December 2018 from Sustainalytics in the Netherlands, and the CFO of MUFG has provided management assertions with respect to such allocation.

(As of June 2023)