October 3, 2024
Bureau of Finance

Announcement of Results of Allocating Funds to Projects Eligible for Proceeds from the Tokyo Green Bonds in FY2023

The Tokyo Metropolitan Government is announcing the results of allocating proceeds from the Tokyo Green Bonds in FY2023 as below (total of 50.317 billion yen*)

* The total amount allocated is the sum of the yen-denominated issuance (40 billion yen) and the foreign currency-denominated issuance (issued to be equivalent to 10 billion yen) that is converted at the currency exchange rate (10.317 billion yen) at the time the issuance conditions were designated.

1. Allocations for New Expenditures

No	Project Name	Tokyo Green Bond Environmental Category (See attachment)	Amount appropriated*1 (millions of yen)	Expected environmental impact*2
1	Heat island countermeasures (heat insulation and water absorption)	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	1,142 (1,300)	✓ Develop and extend length of heat insulation and water absorption 10 km
2	Rebuilding and repairing of facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	9,476 (7,929)	✓ Increase use of renewable energy (annual total) 5,197,316 kWh
		2. Realization of a Prosperous Society in Harmony with the Environment that Continues to Benefit from Biodiversity	3,155	✓ Expand green areas 10,442.49 m^2
3	Installation of LEDs for facilities and roads	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	1,447 (1,131)	✓ Reduce energy consumption (annual total) 7,062,730 kWh

No	Project Name	Tokyo Green Bond Environmental Category (See attachment)	Amount appropriated*1 (millions of yen)	Expected environmental impact*2
4	Installation of photovoltaic power generation equipment at metropolitan public housing projects	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	1,200 (658)	✓ Increase use of renewable energy (annual total) 825,056 kWh
5	Environmental improvements at metropolitan schools (promotion of zero-emissions initiatives)	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	30 (448)	✓ Increase use of renewable energy (annual total) 951,679 kWh ✓ Reduce energy consumption (annual total) 2,794,440 kWh
6	Storage battery installation projects for the use of renewable energy sources	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	38	✓ Storage capacity 750kW (by the end of FY2024)
7	Development of cycling routes and areas	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	92 (95)	✓ Develop and extend length – Cycling routes 11.5 km (by the end of FY2024) – Cycling areas 50.7 km (by the end of FY2030)
8	Development of parks	2. Realization of a Prosperous Society in Harmony with the Environment that Continues to Benefit from Biodiversity	4,230 (3,200)	✓ Expand developed areas 71,548 m^2
9	Greening along waterfronts	2. Realization of a Prosperous Society in Harmony with the Environment that Continues to Benefit from Biodiversity	262	✓ Expand developed areas 3,568 m^2

No	Project Name	Tokyo Green Bond Environmental Category (See attachment)	Amount appropriated*1 (millions of yen)	Expected environmental impact*2
10	Development of small and medium-sized rivers	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	9,889 (11,500)	✓ 68.4% completion of river development ✓ Capacity of regulating reservoir 1,056,500 m^3 (by the end of FY2025)
11	Development of tidal wave protection facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	300 (771)	✓ Develop and extend length – Levee 0.02 km (by the end of FY2024)
12	Development of sediment disaster countermeasure facilities and coastal protection facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	1,040 (1,000)	✓ Number of facilities – Sabo facilities: 45 – Coastal conservation facilities: 2 – Steep slope collapse countermeasures: 12
13	Development of Tokyo port facilities and islands' coastal protection facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	2,479 (2,610)	✓ Expand development scale and number of facilities – Levee in Tokyo port area 60.4 km – Water gates in Tokyo port area 15 facilities – Internal revetment in Tokyo port area 47.9 km – Drainage pump station in Tokyo port area 4 facilities (by the end of FY2031) – Coastal protection facilities in the Izu Islands 0.3 km (by the end of FY2023)

No	Project Name	Tokyo Green Bond Environmental Category (See attachment)	Amount appropriated*1 (millions of yen)	Expected environmental impact*2
14	Development of the marine park (Umi-no-Mori park)	2. Realization of a Prosperous Society in Harmony with the Environment that Continues to Benefit from Biodiversity	119 (41)	✓ Expand developed areas Umi-no-Mori Park (Forest Creation Area) about 60 ha (by the end of FY2024)
15	Installation of charging infrastructure for zero-emission vehicle (ZEV)	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	2	✓ Number of charging devices installed 18 ✓ CO_2 emissions reduction rate, etc. by replacing conventional vehicles with ZEV in conjunction with the introduction of charging facilities CO_2 (carbon dioxide) 100% NO_x (nitrogen oxides) 100%
16	Purchase of zero-emission vehicles (ZEV)	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	32 (31)	✓ CO_2 emissions reduction rate, etc. by replacing conventional vehicles with ZEV – PHEV CO_2 (carbon dioxide) 20.1% – EV Motorcycle NO_x (nitrogen oxides) 100% CO (carbon monoxide) 100% HC (hydrocarbons) 100%
17	Use of environment friendly Toei buses	3.Realization of a Better Urban Environment that Ensures the Safety and Health of Tokyo Residents	1,900 (2,100)	✓ Reduction of the emission of regulated substances – NO_x (nitrogen oxides) 81% – PM (particulate matter) 65%
18	Energy conservation within water facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	794	✓ Amount of electricity generated (including electricity sold) 497,844kWh (by the end of FY2024) ✓ Reduce energy consumption (annual total) 1,376,094kWh

No	Project Name	Tokyo Green Bond Environmental Category (See attachment)	Amount appropriated*1 (millions of yen)	Expected environmental impact*2
19	Energy conservation and global warming prevention within sewage facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	2,300	✓ Reduce GHG emissions (capacity) 33,000 t-CO_2/5 years (by the end of FY2025)
20	Improvement of centralized sewerage system	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	700	✓ Capacity of storage facility 1.75 million m^3 (by the end of FY2025)
21	Flood countermeasures	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	1,000	✓ Drainage system flooding caused by 50 mm/h rain avoidance rate 73% (by the end of FY2025)
		Total	41,627	

*1 The financial allocation results are the settled amount for FY2023. The projects whose amount of allocation altered from the planned allocation amount published in “Announcement of Decision on Target Projects for the Tokyo Green Bonds in FY2023” published on September 4, 2023 (hereafter “Announcement of Target Projects for the Tokyo Green Bonds”) are in parentheses.

*2 Environmental impact refers to the positive impact on the environment yielded by the end of FY2023 or expected to be yielded. The impacts illustrated with the underline are the impacts that are altered from “Announcement of Target Projects for the Tokyo Green Bonds”.

2. Allocations for the Refinancing of Projects Eligible for Tokyo Green Bonds in FY 2018

No	Project	Tokyo Green Bond Environmental Category (See attachment)	Environmental impact *1	The age of assets	The remaining permitted years*2	Amount to be refinanced (million Yen)
1	Heat island countermeasures (heat insulation and water absorption)	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	✓ Develop and extend length of heat insulation and water absorption 13 km	5 years	25 years	833
2	Rebuilding and repairing of facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	✓ Predicted amount of power generated by solar power generation facilities (annual total) 396,975 kWh	5 years	25 years	1,258
		2.Realization of a Prosperous Society in Harmony with the Environment that Continues to Benefit from Biodiversity	✓ Expand green areas 5,866 m^2			876
3	Installation of LEDs for facilities and roads	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	✓ Reduce energy consumption (annual total) 7,405,623 kWh	5 years	25 years	1,760
4	Development of cycling routes and areas	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	✓ Develop and extend length – Cycling routes 11.5 km (by the end of FY2024) – Cycling areas 15.7 km (Completed in 2020)	5 years	25 years	83
5	Development of parks	2.Realization of a Prosperous Society in Harmony with the Environment that Continues to Benefit from Biodiversity	✓ Expand developed areas 23,700 m^2	5 years	25 years	250

No	Project	Tokyo Green Bond Environmental Category (See attachment)	Environmental impact *1	The age of assets	The remaining permitted years*2	Amount to be refinanced (million Yen)
6	Development of small and medium-sized rivers	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	✓ 67.3% completion of river development ✓ Capacity of regulating reservoir 1,056,300 m^3 (by the end of FY2025)	5 years	25 years	2,548
7	Development of tidal wave protection facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	✓ Develop and extend length − Levee 0.17 km − Seawall 0.15 km (Completed in FY2019)	5 years	25 years	583

No	Project	Tokyo Green Bond Environmental Category (See attachment)	Environmental impact *1	The age of assets	The remaining permitted years*2	Amount to be refinanced (million Yen)
8	Development of Tokyo port facilities and islands' coastal protection facilities	1.Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	✓ Expand development scale and number of facilities − Levee in Tokyo port area 60.4 km − Water gates in Tokyo port area 15 facilities − Internal revetment in Tokyo port area 45.6 km − Drainage pump station in Tokyo port area 4 facilities (by the end of FY2031) − Detached breakwater (submerged breakwater) on the Kozushima Harbor coast 0.3 km (Completed in FY2019)	5 years	25 years	499
					Total	8,690

*1 Environmental impact is each project's impact on the environment or expected impact on the environment as of the end of FY2018.

*2 The remaining permitted years are the difference between the permitted (redemption) years as stated in the notification submitted to the Ministry of Internal Affairs and Communications at the time of the issuance of the local government bonds and the age of assets.

Attachment: Tokyo Green Bond Environmental Categories

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Attachment

Tokyo Green Bond Environmental Categories

Below are the environmental categories from the Tokyo Environmental Master Plan (September 2022), example Tokyo Green Bond target projects, and expected environmental impacts.

No.	Environmental Category	Example projects	Expected Environmental Impact
1	Realization of Zero Emissions through Energy Decarbonization and the Sustainable Use of Resources	■ Reduce the greenhouse gas emissions of office buildings ■ Promote energy conservation and management ■ Promote the use of zero emission vehicles ■ Promote advanced transportation technology and the use of bicycles ■ Increase the utilization of renewable energy sources such as solar, geothermal, hydrogen, sewerage heat, etc. ■ Reduce resource loss and increase the use of environmentally friendly materials ■ The 3 Rs (reduce, reuse and recycle), Promote the recyclable use of waste ■ Increase the utilization of materials that reduce environmental burdens ■ Measures to counteract rising temperatures in urban areas ■ Measures addressing floods and natural disasters ■ Road improvement (heat insulation and water absorption) ■ Improve water quality and conserve groundwater	■ Reduce CO_2 emissions ■ Reduce energy consumption ■ Increase renewable energy use ■ Reduce amount of waste ■ Increase amount of recyclable waste ■ Improve adaptability to rising temperatures ■ Improve adaptability to natural disasters such as floods, tsunamis, etc. ■ Improve heat insulation and water absorption ■ Improve water quality
2	Realization of a Prosperous Society in Harmony with the Environment that Continues to Benefit from Biodiversity	■ Plant and protect plants through the development of parks, street trees, forests, etc. ■ Conserve biological diversity (Develop tidelands in marine parks, etc.)	■ Expand green areas ■ Expand developed areas
3	Realization of a Better Urban Environment that Ensures the Safety and Health of Tokyo Residents	■ Improve air quality ■ Promote measures to prevent/remediate soil contamination ■ Promote the treatment of hazardous waste	■ Improve air/soil quality ■ Reduce CO_2 emissions ■ Increase amount of recyclable waste