

September 3, 2021

Bureau of Finance

Announcement of Decision Regarding Target Projects
for the Tokyo Green Bonds in FY2021

The Tokyo Metropolitan Government announces their decisions regarding the appropriation of funds, approximately 40 billion yen, to the projects eligible for Tokyo Green Bonds issued in FY2021 as below.

No.	Project Name	Tokyo Green Bond Environmental Category (See attachment)	Amount to be appropriated (millions of yen)	Expected environmental impact
1	Rebuilding and repairing of facilities	1.Smart Energy & Urban Development	9,140	✓ Increase use of renewable energy (annual total) 549,483 kWh
		3.Natural Environment Conservation		✓ Expand green areas 9,188 m ²
2	Installation of LEDs for facilities and roads	1.Smart Energy & Urban Development	2,060	✓ Reduce energy consumption (annual total) 4,382,386 kWh
3	Energy conservation within water and sewage facilities	1.Smart Energy & Urban Development	2,300	<ul style="list-style-type: none"> ✓ Power generation (including power selling) (annual total) 386,000 kWh ✓ Reduce energy consumption (annual total) 943,000 kWh ✓ Reduce GHG emissions (capacity) 33,000 t-CO₂/5 years (by the end of FY2025)
4	Development of cycling routes and areas	1.Smart Energy & Urban Development	150	✓ Develop and extend length of cycling routes 11.5 km (by the end of FY2024)
5	Development of parks	3.Natural Environment Conservation	1,800	✓ Expand developed areas 48,715 m ²

No.	Project Name	Tokyo Green Bond Environmental Category (See attachment)	Amount to be appropriated (millions of yen)	Expected environmental impact
6	Greening along waterfronts	3.Natural Environment Conservation	250	✓ Expand developed areas 6,250 m ²
7	Heat island countermeasures (heat insulation and water absorption)	4.Improvement of Living Environment	1,000	✓ Develop and extend length of heat insulation and water absorption 8.933 km
8	Use of environment friendly metropolitan buses	4.Improvement of Living Environment	2,700	✓ Reduction of the emission of regulated substances NO _x (nitrogen oxide) 82%, PM (particulate matter) 69%
9	Improvement of centralized sewerage system	4.Improvement of Living Environment	450	✓ Capacity of storage facility 1.75 million m ³ (by the end of FY2025)
10	Flood countermeasures	5.Adaptation for Climate Change	2,550	✓ Drainage system flooding caused by 50 mm/h rain ✓ avoidance rate 73% (by the end of FY2025)
11	Development of medium and small size rivers	5.Adaptation for Climate Change	12,700	✓ 68.3% completion of river development ✓ Capacity of regulating reservoir 1,056,500 m ³ (by the end of FY2025)
12	Development of tidal wave protection facilities	5.Adaptation for Climate Change	1,000	✓ Develop and extend length - Levee 0.01 km - Revetment 0.05 km
13	Development of Tokyo port facilities and islands' coastal protection facilities	5.Adaptation for Climate Change	3,900	✓ Expand development scale and number of facilities - Levee in Tokyo port area 60.3 km - Water gates in Tokyo port area 15 facilities - Internal revetment in Tokyo port area 45.6 km

				<ul style="list-style-type: none"> - Drainage pump station in Tokyo port area 4 facilities (by the end of FY2021) - Coastal protection facilities in the Izu Islands 0.4 km (by the end of FY2021)
Total			40,000	

Attachment: Tokyo Green Bond Environmental Categories

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Tokyo Green Bond Environmental Categories

Below are the environmental categories from the Tokyo Environmental Master Plan, example Tokyo Green Bond target projects, and their expected environmental impact.

No.	Environmental Category	Project examples	Expected Environmental Impact
1	Smart Energy & Urban Development	<ul style="list-style-type: none"> ■ Reduce the greenhouse gas emissions of office buildings ■ Promote energy conservation and management ■ Promote advanced transportation technology and the use of bicycles ■ Increase the utilization of renewable energy sources such as solar, geothermal, hydrogen, sewerage heat, etc. 	<ul style="list-style-type: none"> ■ Reduce CO₂ emissions ■ Reduce energy consumption ■ Increase use of renewable energy
2	Sustainable Resource & Waste Management	<ul style="list-style-type: none"> ■ 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 burden ■ Promote the treatment of hazardous waste 	<ul style="list-style-type: none"> ■ Reduce CO₂ emissions ■ Reduce amount of waste ■ Increase amount of recyclable waste
3	Conservation of the Natural Environment	<ul style="list-style-type: none"> ■ Plant and protect plants through the development of parks, street trees, forests, etc. ■ Conserve biological diversity (Develop tidelands in marine parks, etc.) 	<ul style="list-style-type: none"> ■ Expand green areas ■ Expand developed areas
4	Improvement of Living Environment	<ul style="list-style-type: none"> ■ Improve water quality and conserve groundwater ■ Improve air quality ■ Promote measures to prevent/remediate soil contamination ■ Road improvement (heat insulation and water absorption) 	<ul style="list-style-type: none"> ■ Improve air/water/soil quality ■ Improve heat insulation and water absorption
5	Adaptation for Climate Change	<ul style="list-style-type: none"> ■ Measures to counteract rising temperatures in urban areas ■ Measures addressing floods and natural disasters 	<ul style="list-style-type: none"> ■ Improve adaptability to rising temperatures ■ Improve adaptability to natural disasters such as floods, tsunamis, etc.