## Announcement of the decision on projects to be allocated proceeds from the Tokyo Green and Blue Bonds to be issued in FY2025

The Tokyo Metropolitan Government announces as follows the details of its decision on projects to be allocated proceeds from the Tokyo Green and Blue Bonds to be issued in FY2025.

## 1. Projects to be financed

No	Environmental Project Category (see Appendix)	Project	Ех	spected environmental impact	Amount to be allocated (millions of yen)	
Gree	Green Projects					
1	1. Realization of zero	Heat island	✓	Length of cool pavement	1,394	
	emissions through	countermeasures		installed:		
	decarbonization of energy	(improving heat		15.390 km		
	systems and the sustainable	reflection and water				
	use of resources	retention of roads)				
2	1. Realization of zero	Construction, renovation	✓	Anticipated annual power	3,404	
	emissions through	and repair of metropolitan		generation by installed PV		
	decarbonization of energy	facilities		systems:		
	systems and the sustainable			6,520,177 kWh		
	use of resources					
	2. Realization of a		✓	Area of developed green spaces:		
	prosperous society in			1,361.76 m <sup>2</sup>		
	harmony with nature that					
	continues to benefit from					
	ecosystem services					
3	1. Realization of zero	Installation of LED lighting	✓	Reduction in energy	1,615	
	emissions through	in metropolitan facilities		consumption:		
	decarbonization of energy	and on roads		6,398,613 kWh		
	systems and the sustainable					
	use of resources					

No	Environmental Project Category (see Appendix)	Project	Expected environmental impact	Amount to be allocated (millions of yen)
4	Realization of zero     emissions through     decarbonization of energy     systems and the sustainable	Installation of PV systems in metropolitan housing	✓ Anticipated annual power generation by installed PV systems: 313,904 kWh	316
5	use of resources	Development of cycling routes and bicycle lanes	✓ Length completed  - Bicycle lanes: 50.7 km  (by the end of FY2030)	1
6		Adoption of zero emission vehicles (ZEVs)	<ul> <li>✓ Reduction in CO₂ emissions, etc.</li> <li>– Plug-in hybrid vehicles (PHVs)</li> <li>CO₂ (carbon dioxide): 25.6%</li> <li>– Electric motorcycles</li> <li>NO₂ (nitrogen oxides): 100%</li> <li>CO (carbon monoxide): 100%</li> <li>HC (hydrocarbons): 100%</li> </ul>	18
7		Measures to turn metropolitan facilities into zero emission buildings (ZEBs)	✓ Reduction in energy consumption: 799,972 kWh	261
8		Energy conservation in water supply facilities	✓ Reduction in energy consumption: 496,900 kWh	627
9		Reconstruction of water reclamation center and pump station facilities	Number of reconstructed major equipment units: 2,771 (by the end of FY2025)	2,171
10		Energy conservation and global warming mitigation in sewerage services	✓ Reduction of GHG emissions (capacity): 33,000 t-CO₂ / 5 years (by the end of FY2025)	2,002
11		Flood countermeasures	✓ Sewer system flooding resolution rate in 50 mm/h rain: 73% (by the end of FY2025)	1,598
12	2. Realization of a prosperous society in	Development of metropolitan parks	✓ Developed land areas: 116,900 m²	3,490

No	Environmental Project Category (see Appendix)	Project	Ex	spected environmental impact	Amount to be allocated (millions of yen)
13	harmony with nature that continues to benefit from	Greening along waterfronts	✓	Developed land areas: 5,380 m <sup>2</sup>	235
14	ecosystem services	Marine park development (Umi-no-Mori park)	✓ -	Developed land area Umi-no-Mori Park (Forest Creation Area): approx. 60 ha	231
15	3. Realization of a better urban environment that	Restoration of water quality in sections of the outer moat	<b>✓</b>	Surface area of restored water: 8.3 ha (by the mid-2030s)	67
16	ensures the safety and health of Tokyo residents	Introduction of eco-friendly buses to the Toei bus fleet	✓ - ✓	Reduction in emissions of regulated substances  NO <sub>x</sub> (nitrogen oxides): 81%  PM (particulate matter): 65%	2,500
Blue Projects					
17	Realization of a     prosperous society in     harmony with nature that	Development of a blue carbon ecosystem at the Port of Tokyo	✓	Area of created shallow water zones: $1{,}200 \; m^2$	64
18	continues to benefit from ecosystem services	Development of blue infrastructure	✓	Number of developed sites: 1 site	6
				Total	20,000

Appendix: Environmental Project Categories of Tokyo Green and Blue Bonds

Inquiries

Bond Section, Budget Division, Bureau of Finance

e-mail: S0000063@section.metro.tokyo.jp

## Appendix

## Environmental Project Categories of Tokyo Green and Blue Bonds

Listed below are environmental project categories based on the Tokyo Environmental Master Plan (September 2022), examples of eligible projects for Tokyo Green and Blue Bonds by category, and expected environmental impact.

No.	Environmental Project Category	Eligible Project Examples	Expected Environmental Impact
1	Realization of zero emissions through decarbonization of energy systems and the sustainable use of resources	<ul> <li>Reduce the greenhouse gas emissions of office buildings</li> <li>Promote energy conservation and management</li> <li>Promote the use of zero emission vehicles</li> <li>Adopt next-generation transportation and promote bicycle use</li> <li>Increase the usage rate of renewable energy sources such as solar, geothermal, sewer heat, and hydrogen energies.</li> <li>Reduce resource loss and increase the use of eco-friendly materials</li> <li>Promote the 3 Rs (reduce, reuse, and recycle) for the recycling of waste</li> <li>Increase the utilization of materials that help reduce negative environmental impacts</li> <li>Implement adaptation measures for rising temperatures in urban areas</li> <li>Implement measures for floods and natural disasters</li> <li>Improve roads (measures for heat reflection and water retention)</li> <li>Reduce water pollution and conserve groundwater</li> </ul>	<ul> <li>Reduction of CO<sub>2</sub> emissions</li> <li>Reduction in energy consumption</li> <li>Increase in use of renewable energy sources</li> <li>Reduction of waste generation</li> <li>Increase in recycled waste</li> <li>Enhanced ability to adapt to rising temperatures</li> <li>Enhanced ability to respond to natural disasters such as floods and tsunamis</li> <li>Enhanced heat reflective and water retentive properties of roads</li> <li>Improvement of water quality</li> </ul>
2	Realization of a prosperous society in harmony with nature that continues to benefit from ecosystem services	<ul> <li>Create and protect green spaces (e.g., park development, urban greening, and forest development)</li> <li>Conserve biodiversity (e.g., tidal flat development in marine parks)</li> </ul>	<ul> <li>Increase in green land area</li> <li>Increase in land area developed</li> </ul>
3	Realization of a better urban environment that ensures the safety and health of Tokyo residents	<ul> <li>Reduce air pollution</li> <li>Promote soil contamination countermeasures</li> <li>Promote treatment of hazardous waste, etc.</li> </ul>	■ Improvement of air/soil quality ■ Reduction of CO₂ emissions ■ Increase in recycled waste