
Urban Cleanliness Enhancement Measures

Direction

- **Deployment of low-emission road cleaning vehicles (CNG, electric, hydrogen) to effectively control fugitive road dust and fine particulate matter and to enhance road cleaning services**
- **Supply of eco-friendly cleaning equipment to improve the quality, efficiency, and safety of cleaning services**

Urban Cleanliness Improvement Results

- **Progress in the deployment of low-emission road cleaning vehicles**
 - 138 low-emission road cleaning vehicles deployed (from 2020 to 2023)
 - ※ Seoul ceased support for diesel road cleaning vehicles in 2020 and expanded support for low-emission vehicles.
- **Progress in the supply of eco-friendly cleaning equipment**
 - 1,078 eco-friendly cleaning equipment units supplied (from 2022 to 2023)
 - ※ Support for eco-friendly cleaning equipment commenced in 2022.

Urban Cleanliness Improvement Initiatives

- **Deployment of low-emission road cleaning vehicles**
 - Seoul plans to enhance road cleaning by expanding the deployment of low-emission road cleaning vehicles (CNG, electric, hydrogen) and aims to replace all 255 diesel cleaning vehicles with low-emission vehicles by 2026.
 - **(High-pressure cleaning vehicle)** Deploy 42 high-pressure cleaning vehicles by 2026 to effectively cleanse road dust with high-pressure water spray.
 - **(Street sweeper)** Distribute 80 street sweepers by 2026, equipped with brushes and suction ports installed on both sides to vacuum road debris and leaves.
 - **(Dust suction vehicle)** Provide 95 dust suction vehicles by 2026, which vacuum road dust through the bottom suction port and remove it through the rear filter.

< High-pressure cleaning vehicle >	< Street sweeper >	< Dust suction vehicle >
		
Enhancing road cleaning and replacing diesel vehicles to low-emission (CNG, electric, and hydrogen) vehicles		

○ Supply of eco-friendly cleaning equipment

- Seoul is enhancing the working environment and safety for sanitation workers engaged in tasks like street cleaning and household waste collection and transport by introducing electric-powered eco-friendly cleaning equipment.
- **(Electric cart)** By 2026, Seoul plans to deploy 250 electric carts to replace traditional manual equipment like hand carts and rear carts in areas where vehicle access is challenging, such as narrow alleys.
- **(Street cleaning machine)** By 2026, Seoul will supply 130 electric street cleaning machines, capable of replacing brooms and dustpans in areas with heavy tourist and pedestrian traffic.
- **(Electric blower)** By 2026, Seoul plans to provide 300 eco-friendly electric blowers, which are lightweight alternatives to conventional gasoline blowers. (Goal achieved)

< Electric Cart >	< Street cleaning machine >	<Electricblower>
 	 	 
Enhanced safety and convenience, modernized equipment		High noise and heavy equipment -> Low noise and lightweight alternatives