

Voi expands its vehicle family with three new models in 2026

This spring, Voi Technology unveils its most advanced fleet generation yet. Designed to elevate rider comfort, maximise battery efficiency and extend vehicle sustainability at scale, the new models set a new benchmark for shared micromobility in Europe.

The new generation includes the Voyager 9 e-scooter and two upgraded e-bikes, Explorer 5 and Explorer Light 2. The rollout begins in Voi's hometown Stockholm in February 2026, and will expand gradually across select European cities throughout the spring.

Built on years of operational insights from nearly half a billion rides, the 2026 vehicle generation has been engineered from the ground up to last longer, operate more efficiently and to better meet rider needs in demanding urban environments.

"This is our most ambitious technologically advanced vehicle launch to date. Over the past years, we have carefully refined every critical component of our vehicles based on consumer research and real-world operation data from 130 cities across Europe. With this new generation, we are setting a new standard for comfort, battery efficiency and sustainability performance in shared mobility. It represents a major step forward in our mission to build vehicles that people love to ride and that are designed to last in modern cities," said Fredrik Hjelm, CEO and co-founder of Voi Technology.

Fine-tuned for a superior ride experience

Across the entire new generation, ergonomics, control and ride quality have been re-engineered to deliver a smoother and more intuitive experience.

The Voyager 9 introduces curved handlebars for improved hand and arm comfort, repositioned brake levers to better suit riders with smaller hands, and a larger ergonomic throttle with improved grip and angle. A newly designed bell and easier-to-reach turn indicator enhance safety and usability in dense urban traffic, while an upgraded kickstand reduces the risk of toppled vehicles. Together, these refinements create a more controlled, confident and comfortable ride.

On the e-bike side, both Explorer 5 and Explorer Light 2 feature the industry's most spacious baskets, making everyday trips with groceries, bags and other essentials easier. An expanded seat height adjustment range accommodates a wider range of riders, while improved handlebar ergonomics and upgraded braking systems enhance comfort and safety.

Both bikes have been upgraded to deliver a smoother, more intuitive riding experience. The bikes have been carefully tuned to make riding at typical city speeds (20-25 km/h) feel more natural and effortless. Combined with improved motor assistance for stronger uphill performance, the new e-bikes are built to handle longer and more demanding urban journeys with ease.

Explorer Light 2 is approximately 15 percent lighter than Explorer 5, offering a more agile and responsive option for riders who prefer a lighter vehicle, while still benefiting from the same technological upgrades. Together, the two models broaden Voi's e-bike offering to serve an even wider range of riders and city needs and deliver micromobility for everyone.

Longer range, smarter energy use

Energy efficiency has been a defining priority in the development of the new fleet generation.

The Explorer 5 and Explorer Light 2 feature around 40 percent increased battery capacity, helping reduce battery swaps and improving overall fleet efficiency. The Voyager 9 comes with reduced idling energy consumption and full compatibility with Voi's Supercharger system, enabling faster and more efficient charging operations in the field.

All three models are equipped with enhanced reliability and improved thermal protection, supporting safer and consistent performance and longer component lifespan under intensive shared use.

Towards emission-free transportation – designed for circularity

Durability and circularity are central to Voi's vehicle strategy and ambition to reach Net Zero by 2035. The 2026 generation has been engineered for longer service life, simplified maintenance and improved reparability, steadily reducing the environmental impact for every kilometer ridden.

Material innovation plays a key role in this transition. The Voyager 9 increases its share of recycled materials by 15 percent compared to the previous generation. The new e-bikes represent an even greater step forward, incorporating more than seven times the recycled content of earlier models. Explorer Light 2 also delivers a lighter overall material footprint. With approximately 15 percent lower weight than Explorer 5, it requires less raw material in production and less energy to operate, contributing to a lower carbon footprint per vehicle over its lifetime.

Combined with more robust design, improved manufacturing processes powered by renewable energy and smarter energy systems in operation, the 2026 vehicle family significantly lowers emission intensity per kilometer while strengthening vehicle longevity across Voi's European network.

Powered by Voi's next-generation in-house IoT

The 2026 fleet is powered by Voi's fully in-house developed IoT platform, designed to deliver greater precision, compliance and efficiency at scale. The system uses highly accurate GPS, enhanced with advanced positioning technology, to locate vehicles more precisely even in dense city environments.

Built-in geofencing allows vehicles to automatically adjust when entering specific zones, such as slow-speed or no-parking areas. Its ultra-low energy consumption reduces battery swaps and improves day-to-day operational efficiency.

Because the firmware is developed in-house, Voi can quickly adapt vehicles to new local regulations. Built-in safety features, including topple and accident detection, further strengthen rider protection and enable faster response when incidents occur.

The next chapter in shared micromobility

The spring 2026 vehicle launch introduces the most advanced fleet generation the company has ever deployed. With every detail refined for performance, durability and efficiency, this new generation reflects Voi's ambition to continuously raise the standard for shared micromobility in Europe. As Voi continues to invest in long-lasting vehicles, smarter energy use and improved rider experience, the 2026 fleet generation sets the direction for the next era of shared urban mobility.

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About Us

Founded in 2018, Voi is a Swedish micromobility company offering e-scooter and e-bike sharing in partnership with towns, cities and local communities. We believe e-scooters and e-bikes can play a central role in changing how people move in our towns and cities in the future. We want to ensure that the micromobility transformation happens the right way - through real innovative technology, open and transparent dialogue with towns, cities and governments and by adapting our products to local needs. Voi's holistic Environmental Action Plan tackles emissions and promotes renewable energy use and circularity along its supply chain.

Voi operates over 150,000 vehicles in over 130 towns and cities across 12 countries. It is headquartered in Stockholm and employs around 1,000 people. To date, Voi boasts more than eight million riders and has served more than 400 million rides.

Image Attachments

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Attachments

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