2021, we are expanding our micro-mobility fleet across 20 European locations to comprise more than 500 vehicles, including e-cargo bikes, electric scooters, and walkers.

We are also developing fully autonomous delivery innovations that can be powered by clean electricity. Amazon Scout and Prime Air drones are electrically-powered autonomous devices that can deliver packages to customers without the need for a delivery vehicle. These devices are currently being designed and tested to be able to transport small packages quickly, safely, and sustainably.

Testing New Solutions in Freight and Air Transport

Unlike last mile delivery, long-distance transport has few low-carbon technologies available. We are exploring, testing, and investing in sustainable innovations in freight and air transport to reduce emissions on our longest routes. We also use data and algorithms to consolidate as many shipments as possible onto a single vehicle or plane, and we analyze which items are ordered most frequently by location to minimize long-distance deliveries. By boosting efficiency across our network, we can put fewer vehicles and planes into service, reducing the carbon intensity of each package.

Freight Transport

We are investing in a variety of solutions to decarbonize our freight transportation network. In 2020, we ordered battery electric trucks from Lion Electric, and in 2021, we began testing hydrogen-powered trucks. We also launched compressed natural gas (CNG) tractors, which are fueled by renewable natural gas sourced from landfills and dairy farms. We plan to operate more than 2,700 of these tractors in North America, the UK, Germany, and France by the end of 2021. These initial investments allow us to test the performance of different sustainable technologies and determine which solutions could be most effectively scaled across our network.

While we work to adopt the most efficient, cutting-edge vehicle technologies, we are also maximizing efficiency in our existing fleets. Across North America and Europe, our fleet includes trailers in different sizes that are equipped with aerodynamic skirts, mud flaps, and automatic tire inflation systems. These features save an average of 100 gallons of diesel fuel per vehicle annually. In the UK, we use double-deck trailers that allow us to double the capacity of a normal trailer and reduce the number of trucks on the road. We are also expanding multimodal transport to reduce the emissions from road travel. In Europe, we predominantly use rail for inventory transfers between fulfillment centers and have expanded to short trips by sea and waterways.

> *"The partnership between Amazon India and Mahindra Electric is a welcome step which reaffirms India's significant progress in the e-mobility industry, and highlights the role of auto makers and e-commerce companies to achieve our environmental sustainability goals."*
>
> – Shri Nitin Gadkari, Minister of Road Transport and Highways, Government of India

Air Transport

To reduce the carbon emissions of air transport, we are investing in sustainable aviation fuels, which are derived from renewable resources and generate fewer carbon emissions than standard aviation fuel. In 2020, Amazon Air secured 6 million gallons of sustainable aviation fuel, signaling our