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THE UPS FOUNDATION SUPPORTS GHANA’S LAUNCH OF THE WORLD’S LARGEST VACCINE DRONE DELIVERY NETWORK

With support from The UPS Foundation, Gavi, and other partners, Zipline drones will serve up to 2,000 health facilities and 12 million people in Ghana.

ATLANTA (April 24, 2019) – The UPS Foundation, which leads the global citizenship programs for UPS (NYSE: UPS), and Gavi, the Vaccine Alliance, have announced support for the expansion of a medical drone network into Ghana. Zipline, a California-based automated logistics company, will use drones to make on-demand, emergency deliveries of 148 high priority products including emergency and routine vaccines, blood products and life-saving medications. The service will operate 24 hours a day, seven days a week, from four distribution centers—each equipped with 30 drones—and deliver to over 2,000 health facilities serving 12 million people across the country.

The partnership between the Government of Rwanda and Zipline, supported by philanthropic grants and in-kind support from The UPS Foundation and Gavi, pioneered just-in-time drone delivery of blood products to hard-to-reach clinics in Rwanda. The Government of Ghana is building on that success with expanded Zipline services, supported again by Gavi and the UPS Foundation and joined this time by the Gates Foundation and Pfizer. The Zipline drone network will be integrated into the national healthcare supply chain in Ghana and will help prevent vaccine stockouts in health facilities as well as during national immunization campaigns.

“The ability of the Government to supplement routine immunization on demand will allow us to make sure that there will always be enough life-saving vaccines for every child in Ghana,” said Dr Seth Berkley, CEO of Gavi, the Vaccine Alliance. “This is an exciting development for Gavi that is ultimately going to ensure we leave no one behind and help us protect more children living in remote areas against vaccine preventable diseases,” he added.

Logistics will be managed through Zipline’s hardware and software systems in each of the distribution centers, and deliveries will take place at hospitals and health clinics.

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The UPS Foundation will provide \$3 million, including \$2.4 million in funding and UPS will provide \$600,000 of in-kind shipping services. Separately, UPS has already begun an analysis of Ghana's healthcare supply chain, providing expertise designed to complement the government's vision to continually optimize the delivery of healthcare products.

"The program's ongoing success in Rwanda demonstrates that the collective effort of a public-private partnership focused on advanced supply chain technologies can enhance access to life-saving medical commodities throughout Africa," said Eduardo Martinez, president of The UPS Foundation and UPS chief diversity and inclusion officer. "We are inspired to see technology and supply chain expertise used to help save lives and honored to be part of this public-private collaboration. It is with deepest gratitude we acknowledge the visionary Ghana government, Gavi, for their dedication to helping improve the health of communities in Ghana and around the world, and Zipline, for their leading-edge technology and passion to advance community health systems."

UPS will provide technical guidance and consultancy services as needed, in consultation with Gavi and collaboratively with Zipline.

The program is an expansion of the groundbreaking collaboration between The UPS Foundation, Gavi, and Zipline which began in Rwanda in 2016 by supporting the Government of Rwanda to provide access to life-saving medical supplies in minutes rather than hours for millions of Rwandan citizens in remote communities. The Government of Rwanda has since expanded the program across all of Rwanda, making more than 13,000 deliveries to date. Zipline drones now deliver more than 65% of Rwanda's blood supply outside of the capital, Kigali.

About The UPS Foundation

UPS (NYSE: UPS) is a global leader in logistics, offering a broad range of solutions including transporting packages and freight; facilitating international trade, and deploying advanced technology to more efficiently manage the world of business. Since its founding in 1907, UPS has built a legacy as a caring and responsible corporate citizen, supporting programs that provide long-term solutions to community needs. Founded in 1951, The UPS Foundation leads its global citizenship programs and is responsible for facilitating community involvement to local, national, and global communities. In 2018, UPS and its employees, active and retired, invested more than \$114.9 million in charitable giving around the world. The UPS Foundation can be found on the web at [UPS.com/Foundation](https://www.ups.com/foundation) and [@UPS Foundation](https://twitter.com/UPS_Foundation) on Twitter. To get UPS news direct, follow [@UPS News](https://twitter.com/UPS_News) on Twitter.

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