RIGITECH

Switzerland
www.rigi.tech
Founded in 2018
8 Employees

Field of Activity:
Logistics

Investments received:
400,000 EUR

Investment need:
3,500,000 EUR

Watch the 3min pitch

Company Description
Rigitech is creating the future of last-mile logistics through electric-powered drone delivery networks powered by cloud-based centralised operation. Our autonomous drone networks transfer lab tests or life-saving medicines between clinics and laboratories without the need for on-the-ground operators.

Problem
Last-mile logistics is broken: delivery trucks in urban centres are stuck in traffic while poluting the air, while rural areas are losing local stores and acess to medical services. COVID-19 has further strained the system; tests take days to reach laboratories, and fast vaccine distribution will be critical to ending the crisis. The benefits of drones only arrive at scale, however, and today's drones are built around the one-drone-one-operator model – efficient for surveillance or video drones, but not scalable for drone delivery.

Solution
We are building technology that makes drone delivery not only accessible to operators outside the drone industry, but scalable to an entire supply chain. Our turn-key Air Bridge solution combines a network of delivery drones with centralised, cloud-based control of a fleet by a single remote operator. Our drones can connect clinics to centralised regional laboratories up to 80 km apart in a fraction of the time and cost of a driver.

Market
The drone delivery market has increased exponentially in the last 2 years, with delivery trials and commercial routes being done in over 30 countries. Today's trials only scratch the surface of this new market, as drone-based delivery can transform supply chains throughout healthcare, retail, manufacturing and maratime sectors. Our first entry market – laboratory testing – is currently spending 15 Bn€ every year on logistics in Europe alone, making it a key entry market for the technology.

Business Model
The service follows a similar model to enterprise vehicle fleet providers - Rigi provides the required drone hardware, software, maintenance and integration to allow the client to efficiently run one or several drone delivery routes. A monthly service fee provides operators with cloud software access, regular maintenance and support.

USP & Differentiation
Our technology is built from the ground up using the one-operator-many-drones model – they key to reach profitable scale. Our drone systems are networked, autonomous and designed around aviation standards for pilot-less operation, whereas our cloud-based control tower allows single-operator control and integration into manned airspace. This network- and safety-first system is how we received flight permissions for delivery operations throughout Europe.

Startups Profile

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Infocode
World's first AI-based smart waste bin that recognizes and sorts the waste automatically