

Einride AB

Website / Facebook page (link):

www.einride.tech

Location:

Stockholm, Skåne, Sweden

PROPOSAL TITLE (10 words)

Autonomous, all electric road freight transport as a service.

EXECUTIVE SUMMARY (50 words)

By challenging conventional thinking, by utilizing big data and cutting-edge technology — and by inspiring people to take responsibility for the planet and each other — Einride is making the movement of goods more intelligent: emission-free, safe, cost-effective, and ultimately, sustainable.

SOLUTION NARRATIVE (250 words)

Einride provides transportation as a service, based on all-electric, autonomous vehicles, or “T-pods”. The T-pod has no driver’s cab but can be remote-controlled by an operator when appropriate. No driver’s cab – and no driver – means increased loading capacity, greater flexibility, increased safety, lower operating costs, and optimized energy consumption, allowing the T-pod to run solely on batteries, reducing CO2 emissions very substantially. Connected to an intelligent routing software, providing it with real-time traffic data, the T-pod can adjust its route to avoid congestion, optimizing battery use and delivery time.

The T-pod is modular, meaning the basic platform can be adopted for different applications. The original T-pod is designed for pallets, but there is a version designed for logs (the “T-log”). Additional variants are in the pipeline.

The transport as a service solution includes an order platform, designed for conventional as well as autonomous vehicles. In other words, it’s a gateway solution allowing for a smooth transition to autonomous transport. Like the fleet management system, it’s a software solution, and therefore infinitely scalable and adaptable. Einride’s autonomous drive and remote drive technology could – at least in theory – be sold separately.

Adapting a software first and capex light approach, Einride is negotiating financial solutions that would allow us to scale our hardware with new contracts.

Einride’s T-pod currently serves a continuous flow at a DB Schenker facility in Jönköping. We are now initiating a project with Lidl as well.