

Digital Cities

LMAD

Last Mile Autonomous Delivery

STARTUP CREATION: LMAD (FRANCE)

PARTNERS: LMAD (France), BestMile (Switzerland), Bookit (Finland), Forum Virium Helsinki (Finland), Futurice (Finland), GIM Robotics (Finland), TwinswHeel (France), Cap Digital (France), Soben (France)



The Last Mile Autonomous Delivery platform for logistician, retailer, cities

The platform for managing cost effective last mile delivery with clean autonomous robots and increased customer experience.

Last-mile deliveries are getting more and more a challenge in cities as continued growth in e-commerce and high consumer expectations for faster and frequent deliveries are causing traffic congestion and are increasing carbon pollution. Moreover retailers have understood that a superior last-mile experience engages and retains consumers, but at the same time, meeting customers' deliveries expectations does not play out in terms

of margins as today's retailers are absorbing a part of the cost of last-mile delivery.

As of now, cities are in the process of either banning or restricting access to diesel and petrol vans, the LMAD software platform allowing to pilot multiple type of robots for various kind of deliveries will help solving the last mile challenges.



Competitive Advantages

- Autonomous & Low-cost delivery solution for last mile/first mile
- Green delivery with electric robotic vehicle
- Software platform solution, robot agnostic, multiple use cases



Target Markets

- Logisticians
- Retailers & shops
- Gated areas: city centers, private campuses, gated communities



Status/Traction

- Pilots customers & experiments will start in 2019 with shops, logisticians in city centers and private campuses in France and in Finland
- With partners (BestMile, Bookit, Forum Virium Helsinki, GIM Robotics, Futurice, Picom, TwinsWheel)
- Business Champion: LMAD



Road Map

2019-2020

- Prototyping, integration of the platform

2020-2021

- Industrial solution for multiple countries and businesses

2021-2022

- Multirobot integration & enhanced routing system



Leveraged Technologies

The LMAD platform has the following innovative key components based on technologies provided by the partnership: autonomous software navigation; special delivery robots designed for the use case; pre-optimization of time slots negotiated with recipients; delivery booking with route optimization and consolidation; management of fleets of robots; communication interface with robots; end-recipient communication module.



Contact



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