



**LastMile  
DELIVERY**

## NEWSLETTER #5

Training for Last Mile Deliverers/Drivers in Safe and Sustainable Urban Areas (TRALMEDES)



### MAIN TOPIC

#### WHAT IS THE PROJECT TO TRAIN LAST MILE DELIVERY DRIVERS/DRIVERS IN SAFE AND SUSTAINABLE URBAN AREAS?

Last mile delivery is the final stage of the shipping process, culminating with the arrival of a package or goods at the customer's destination. It is currently facing challenges in cities due to the rapid evolution of new technologies (APP's, AI, blockchain...), the use of renewable energy sources for the delivery of goods and innovative measures to reduce pollutants, always taking into account new trends and forms of mobility in urban areas, as well as relevant road safety issues. All these new aspects and the evolution of the last mile delivery sector, require innovative practices and open EU education for delivery drivers (and their trainers), as they are the key players in this described ecosystem.



When this newsletter is released, the project would have just finished after two intense years of work.

Our project has aimed, during this period, to improve the knowledge, skills and professional competencies of last mile drivers/delivery drivers to foster employability and personal development. Our goal has been to contribute to the recognition and



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training of safe and sustainable last mile drivers/delivery drivers with the professional competence required to be hired at European level.

To achieve these goals the project has developed and perform different tasks.

1. Last Mile delivery worker profile
2. Last Mile Mobile Technologies Collection
3. Last Mile Competency Map
4. Unified last mile driver competency
5. Training Methodology and Transferability will be described in a Guide.
6. Recommendation Set

All these information can be found in the Project Website:

<https://trainingforlastmile.eu/results/>

The project website also contains the result of the course developed, as well as an initial quiz to identify the level of knowledge on the Last Mile Delivery aspects that project considers as basics to have the adequate skills to meet labour market needs in the last mile delivery ecosystem guaranteeing safer and more sustainable cities.

<https://trainingforlastmile.eu/e-learning-platform/>

### TRY OUT TEST



### LEARN IN OUR PLATFORM



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## ARTICLES

# Last Mile Delivery Market Size is projected to reach USD 123 Billion by 2030

The global last mile delivery market size was valued at USD 40.5 Billion in 2021 and is anticipated to generate USD 123.7 Billion in 2030. The market is projected to grow at a CAGR of 13.21% during the forecast period (2022–2030). The Asia-Pacific region leads the market share at USD 15953 million in 2021 and is expected to reach USD 53539.78 million at a CAGR of 14.4% by 2030.

With the evolution of new technologies that perform better and faster, consumers' expectations have gone up. Nowadays, consumers seek same-day delivery, for which they used to wait for 4-5 days. This rise in the consumers' expectations has given a ray of hope for growth and improvement in the global last mile delivery market. Many leading retailers have been able to match the growing demands for delivering and fulfilling their consumer's demand.

Amazon is one of the global leaders in the e-Commerce space, has tried on global shipments, and attracted more customers with their smart and efficient international delivery. Amazon and such key players in the industry have opened new doors for emerging players to attract consumers by offering time-bounded delivery options and growing in the global last mile delivery market.

Many leading e-Commerce companies establish e-Commerce fulfillment networks to offer their consumers new and exciting shipping offers with hassle-free returns and exchange policies. Even some key retailers in the global market are trying to upgrade logistics infrastructure to match their consumer's expectations and deliver quickly within a stipulated time frame. Major key players in the global last mile delivery market are innovating on their logistics and inventories to reduce their shipping costs and serve their end consumers with better service.

<https://www.globenewswire.com/news-release/2022/07/19/2482211/0/en/Last-Mile-Delivery-Market-Size-is-projected-to-reach-USD-123-Billion-by-2030-growing-at-a-CAGR-of-13-21-Straits-Research.html>

Get a Free Sample Copy of This Report @ <https://straitresearch.com/report/last-mile-delivery-market/request-sample>

## Autonomous Last Mile Delivery Global Market Report 2022: Growth of the E-Commerce Industry to Propel Sector Forwards- ResearchAndMarkets.com

The global autonomous last mile delivery market is expected to grow from \$14.13 billion in 2021 to \$17.9 billion in 2022 at a compound annual growth rate (CAGR) of 26.8%. The autonomous last mile delivery market is expected to grow to \$47.69 billion in 2026 at a CAGR of 27.8%.

The main vehicle types of autonomous last-mile delivery are aerial delivery drones, ground delivery bots, self-driving trucks, and vans. A delivery drone is a form of unmanned aerial vehicle (UAV) that is used to deliver items to customers in the final mile.

The various types include fixed-wing, rotary-wing, and hybrid with different solutions such as hardware, software, and service. The different ranges are short-range and long-range. The applications of autonomous last-mile delivery are logistics, healthcare and pharmaceuticals, food and beverages, retail, and other applications.

<https://www.businesswire.com/news/home/20220816005531/en/Autonomous-Last-Mile-Delivery-Global-Market-Report-2022-Growth-of-the-E-Commerce-Industry-to-Propel-Sector-Forwards---ResearchAndMarkets.com>

For more information about this report visit <https://www.researchandmarkets.com/r/39nw6d>

## Last-mile delivery by automated droids. Sustainability assessment on a real-world case study

This paper presents the outcomes of the sustainability assessment of a last mile delivery service introduced in a real-world case study. The methodology used integrates multi criteria decision making analysis, sustainability pillars and scenario analysis to best reflect the conflicting needs of stakeholders involved in the last mile delivery system. The case study provides an application of the framework to the delivery system of the Joint Research Centre of the European Commission where six alternative solutions were analysed and compared: i) the existing service using a manually-driven Euro 4 light commercial vehicle (LCV); ii) the same service using a Euro 6 LCV; iii) the same service using an electric LCV (eLCV); iv) a service composed by an automated delivery droid (robot) coupled with a Euro 4 LCV; v) a service with the delivery droid coupled with a depot station; and vi) a service with the delivery droid coupled with the eLCV.

The results show that low-capital investment in delivery droids could lead to significant savings on the operational costs, whilst improving the environmental performance of the system. Nevertheless, there are potential social sustainability shortcomings in terms of safety and equity.

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<https://reader.elsevier.com/reader/sd/pii/S2210670722000592?token=215C83CC0C6B96F1278487F5AA5B67D3ACE346BFE8A98E2A785838A1291A0AB3FB75E1B4E4E0098F7814BBD8B8A854F1&originRegion=eu-west-1&originCreation=20220829104420>



### ABOUT THE PROJECT



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Austausch und Mobilität  
Echanges et mobilité  
Scambi e mobilità  
Exchange and mobility

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This project is being implemented by 7 partners representing 5 different countries:

- From Spain: PONS SEGURIDAD VIAL SL and UNO Organización empresarial de Logística y Transporte
- From Italy: CNA Associazione Provinciale de Pesaro e Urbino and Training 2000 psc
- From Bulgaria: BLA Bulgarian Logistics Association
- From Finland: TYOTEHOSEURA RY
- From Switzerland: SUPSI Scuola universitaria professionale della Svizzera

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