Sustainable Ai Technology
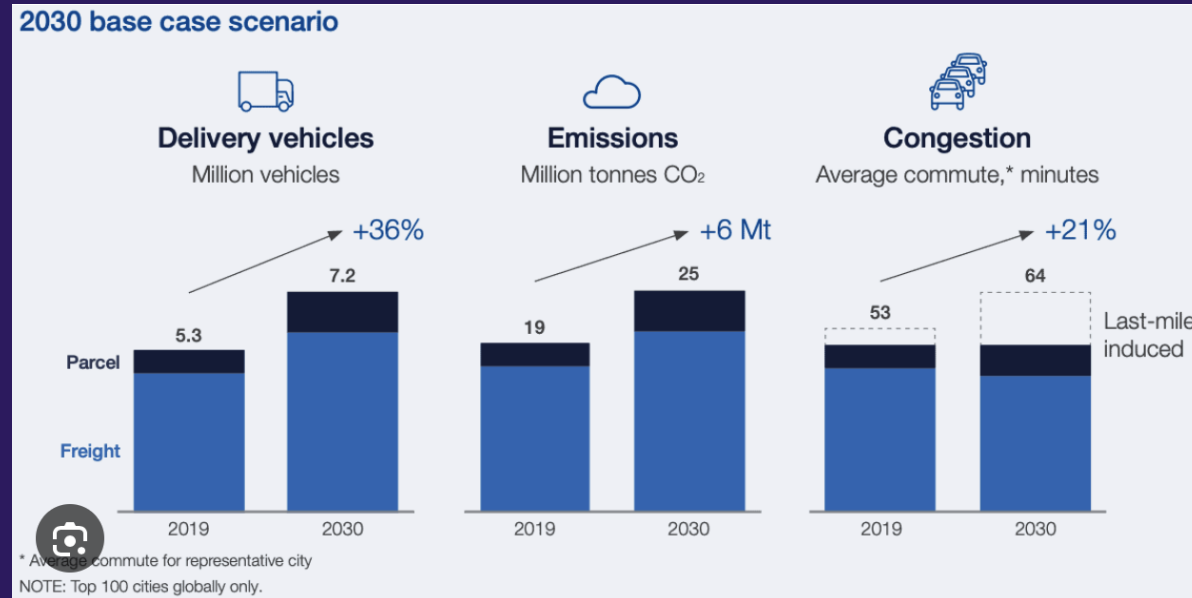# for the supply chain industry

TIME EXPRESS & SCLG

- 34% Reduction in Carbon Footprint
- 50% boost delivery capacity
- 45% fuel savings
- 30% Reduction in Travel Distance
- SaaS

Shypv

SUSTAINABILITY IN LAST MILE
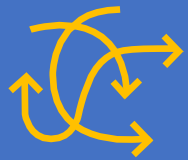# QUALITY AND SUSTAINABILITY GO HAND IN HAND

Exponential increase in last mile delivery vehicles have a significant impact on the environment releasing harmful pollutants such as Carbon Dioxide, Nitrogen Oxides, and particulate into the air contributing to climate change

Problem with Exponential Growth of E-Commerce

Inefficient urban logistics model

Surge in E-Commerce has fuelled a substantial increase in vans for delivering goods leading to more vehicles on the road, increased CO_2 pollution, and adverse effects on human health. The rise in same day and next delivery services in addition to inefficiencies in last mile **are causing increased emissions and carbon footprint.**

84%

Of consumers won't return to a vendor after a poor delivery experience

89%

Of consumers define "fast" delivery as same-day or faster

60%

Of consumers prioritize low or no delivery fees

Expectations of consumers on last mile delivery

93%

Of receivers want to stay informed throughout the delivery process, from first mile to last mile delivery

84%

Of receivers will not order again from a brand that offers poor delivery visibility
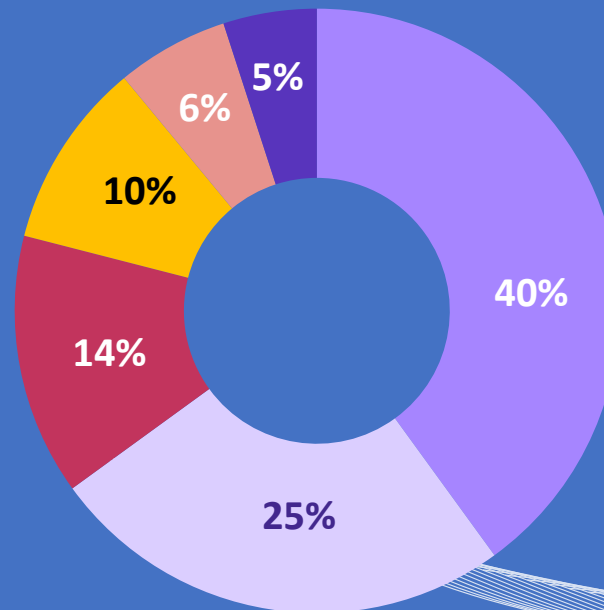
44%

Of receivers accept that brands are not creating a positive delivery experience

98%

Of receivers accept that delivery is a key part of brand loyalty

Share of marginal cost per mile

- Driver wages & benefits
- Fuel costs
- Truck/trailer lease or purchase payments
- Repair/maintenance
- Truck insurance premiums
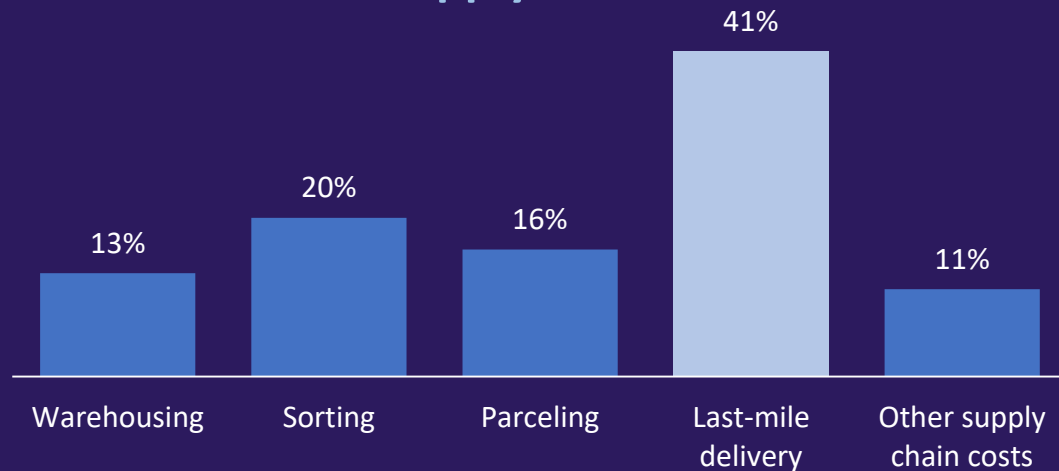- Other

5%
6%
10%
14%
40%
25%

Why Focus on Last Mile?

Over the past 5 years there has been an exponential boom in last mile, companies now need a system to better organize, plan, and manage their delivery schedules.
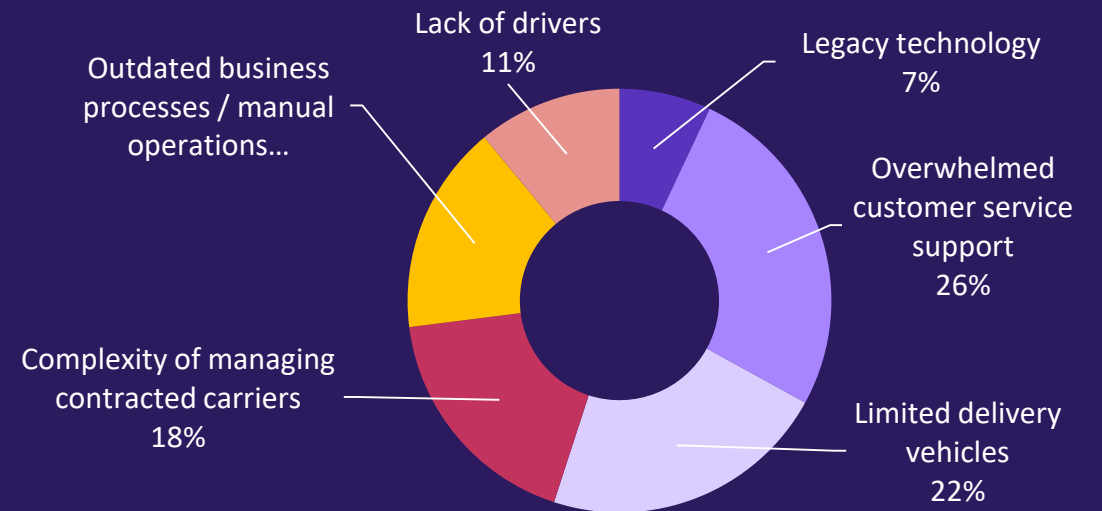
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Why Last Mile is important to be Green

The most significant source of carbon emissions in delivery is transportation. The distance travelled, vehicle efficiency, and traffic conditions impact the level of emissions. We provide customers the option using our software to contribute to a greener agenda.

Last mile delivery is the biggest cost driver in the supply chain

13%	20%	16%	41%	11%
Warehousing	Sorting	Parceling	Last-mile delivery	Other supply chain costs

#1 Blocker to Greater Last-Mile Profitability

Lack of drivers
11%

Legacy technology
7%

Outdated business processes / manual operations...

Overwhelmed customer service support
26%

Complexity of managing contracted carriers
18%

Limited delivery vehicles
22%

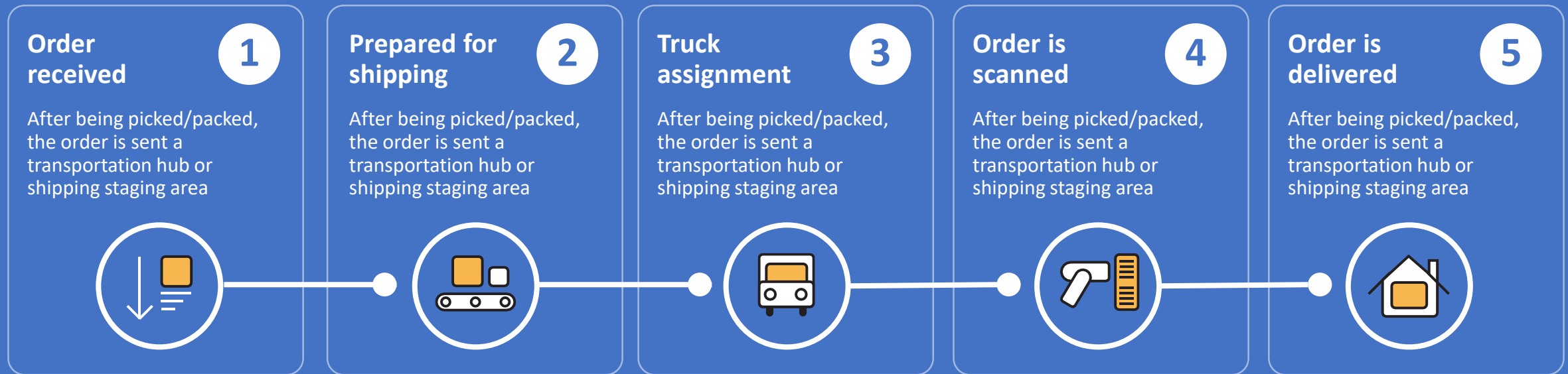**Shyp**

Key Challenges to the environment

Quality and sustainability go hand in hand. Companies face financial and performance challenges for last mile as online prices are cheaper than stores and they absorb delivery costs and exponential increase in home deliveries is damaging further the environment, **customers increasing expectations for fast to same day delivery time, full visibility, require a software solution to reduce carbon footprint**

Cost

Allocation & Address Issues

Changing Routes Dynamically

Managing Delivery Density

Unpredictability in Transit

Sustainability and fleet optimization

Meeting Fulfilment Time

What We Do

Our SaaS software solution specializes in machine learning for delivery logistics and empowers thousands of businesses to reduce CO_2 emissions as well as save money and time by shortening travel distance routes and dispatching less drivers as they run their E-Commerce and trucking transportation for B2C, industrial, retail, refrigerated, oil & gas, to auto spare parts products to end users and businesses

How Last Mile Delivery Works

Order received **1**

After being picked/packed, the order is sent a transportation hub or shipping staging area

Prepared for shipping **2**

After being picked/packed, the order is sent a transportation hub or shipping staging area

Truck assignment **3**

After being picked/packed, the order is sent a transportation hub or shipping staging area

Order is scanned **4**

After being picked/packed, the order is sent a transportation hub or shipping staging area

Order is delivered **5**

After being picked/packed, the order is sent a transportation hub or shipping staging area

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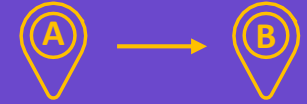
Our sustainable solution

To preserve the future for coming generations, using machine learning and data, we enable retailers to go green using better planning, managing, and executing daily deliveries as well as predict demand forecast patterns with a higher level of efficiency using:

- route planning and optimization
- real time driver location
- dynamic auto-assignment
- driver guidance, location tracking
- proactive status of ETA's.
- System integration
- Low cost implementation
- AI solution
- ESG positive impact

Benefits of Last Mile Delivery Software

Real-Time Route Optimisation

High Flexibility Rates

Increased Productivity

Making Data-Driven Decisions

Boost Profitability

Improve Customer Experience

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Our Platform to a Greener Agenda

ShypV – TMS, SaaS AI Platform empowers thousands of fleet operators from general freight, road transport, retailers, pharmaceutical, auto spare parts, oil & gas, food & beverage, to industrial and construction to contribute to a greener agenda while reducing costs and improving customer experience

Shipper   **Last Mile Operating System - Shypv**   **Receiver**

Our key features to preserve the planet

Key Features of Last Mile Delivery Management Software

Smart Order Allocation	**Real-time Tracking**	**Customer Feedback**
Delivery Rescheduling	**Auto Dispatch**	**Driver Management**
Route Planning	**Data and Insights**	**Automated Route Planning & Optimisation**
Increased Customer Visibility	**Proof of Delivery**	

Technology

Technology is our differentiator to effectively solve our customer's last mile logistics problems.

Simply download our app on your driver phone whether own or outsourced fleet.

Once label is generated, it is linked to a driver, which we track real time

Efficiency
Optimizes logistics cost by 45%

End user
Real-time tracking increase end user satisfaction by 20%

Easy to use
50% reduction in back-office times

Shypv
Driver app allows use to engage, operate and monitor performance

Shyp

Let's go through a booking journey

https://youtu.be/94UnTZXXJSw