



SUSTAINABLE LAST (S)MILE

BD Logistics

BD LOGISTICS



**BD LOGISTICS,
THE NATIONAL NETWORK
FOR LOCAL VALUE ADDED LOGISTICS.**

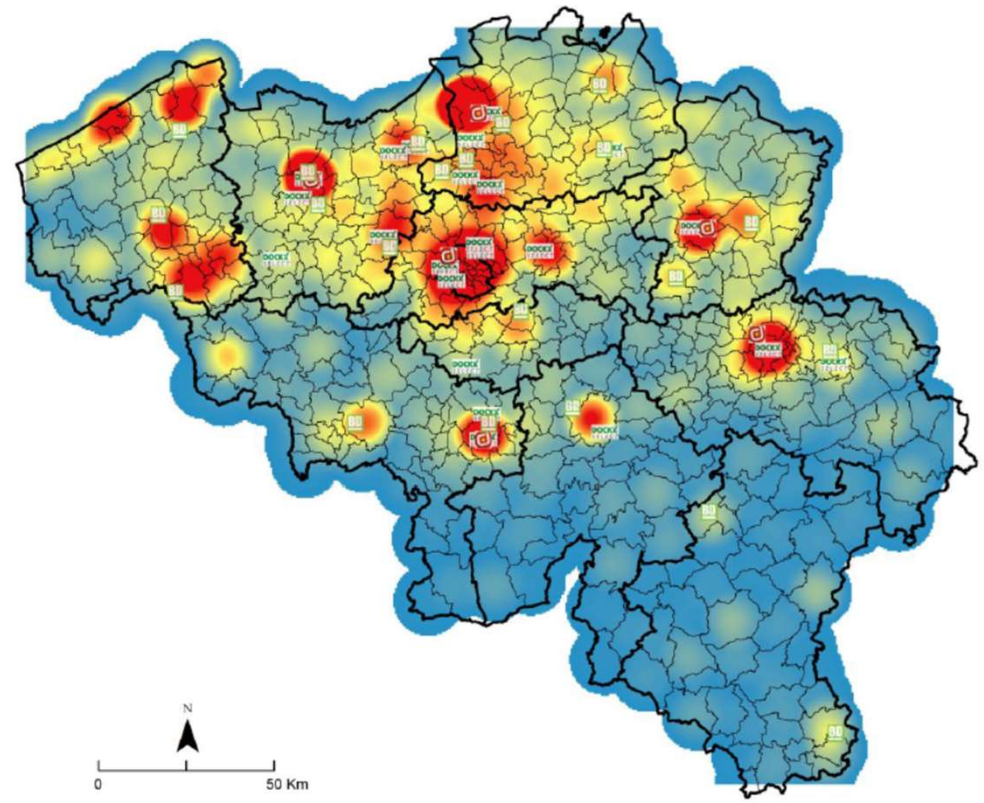
NATIONAL FOOTPRINT

Locations BD logistics



 CityDepot  BD Logistics

Logistic flows in Belgium



Data Universiteit Antwerpen

BD LOGISTICS

VALUE ADDED LOGISTICS



City Logistics



Oversized Logistics



Fresh Logistics

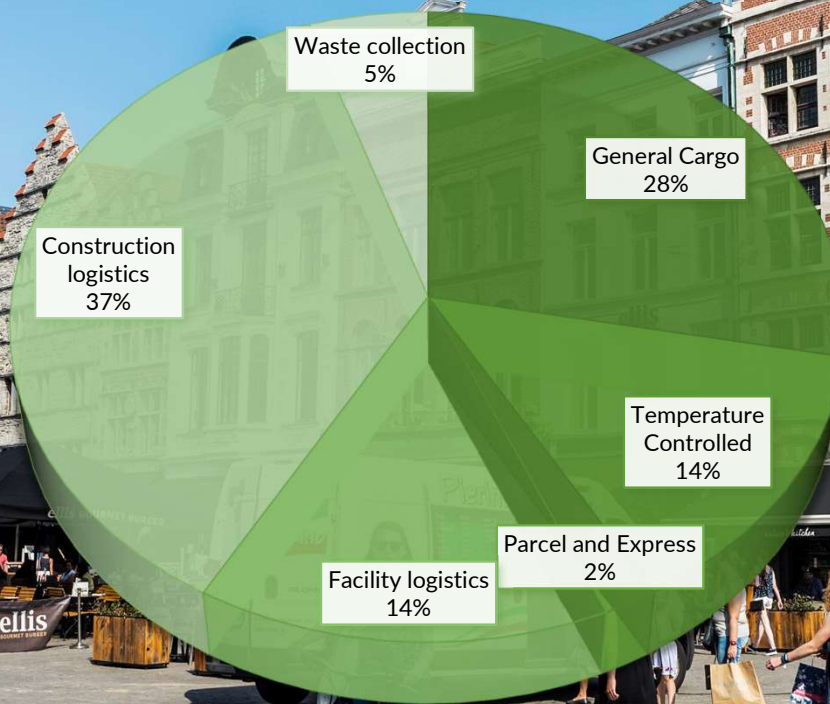


Reverse Logistics

CITY LOGISTICS

Market trends

LOGISTIC FLOWS IN THE CITY



Roel Gevaers - 2021

AVERAGE FAMILY

'90

- Mum and dad, 1 or 2 children
- At least 1 family car
- Going to the shop once or twice a week
- The bigger supermarkets
- A full shopping basket
- No e-commerce

Now

- Increase in single and combined families
- Car ownership declines
- Daily shopping trips
- The smaller 'express shops'
- Some items
- Use of food boxes and home deliveries of fresh food
- E-commerce is here to stay



Roel Gevaers, professor UA - 2021



THE YOUNGER THE CONSUMER, THE MORE THEY BUY ONLINE



Women



18-34 y



Class 1-2



Cities

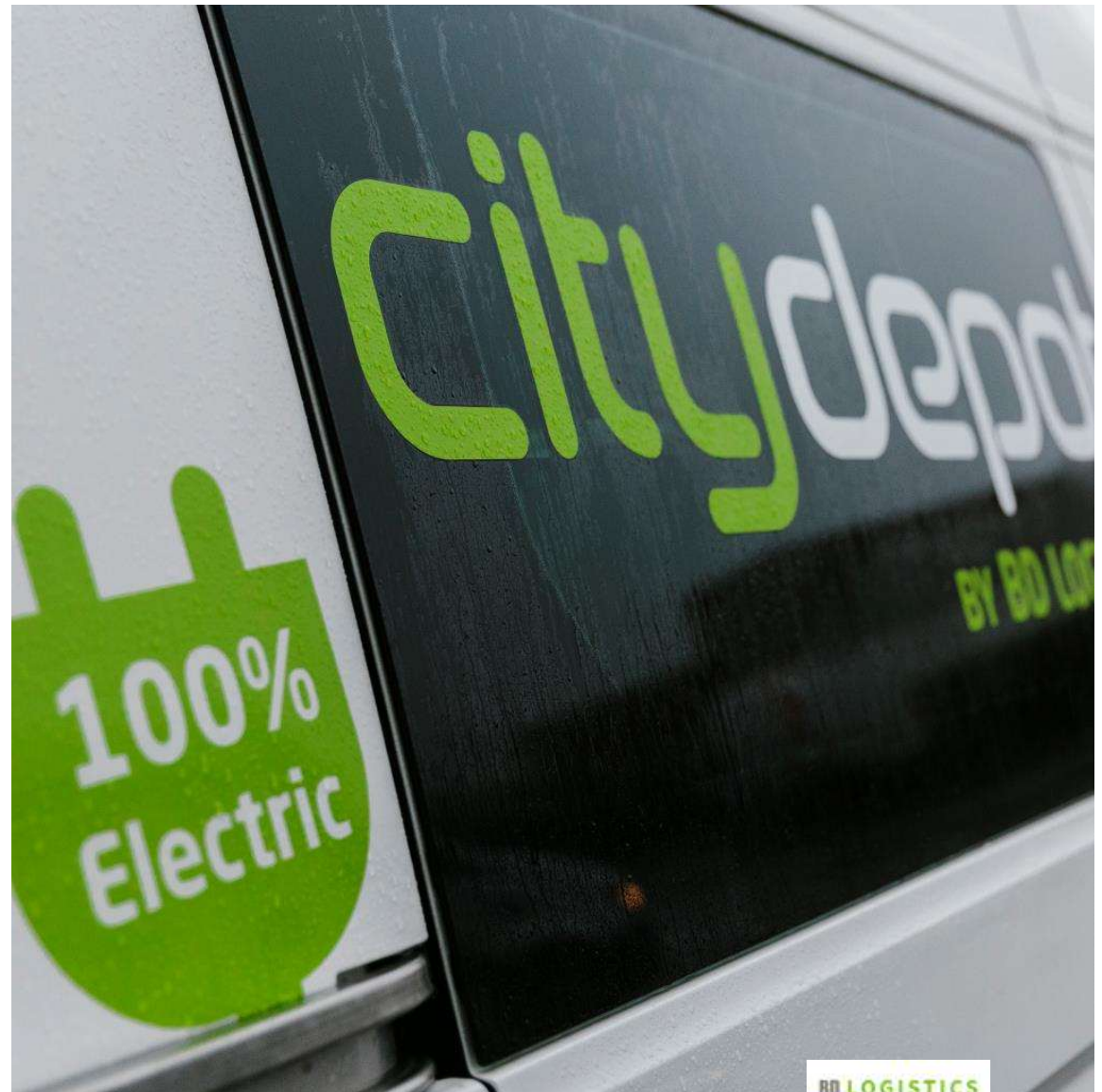
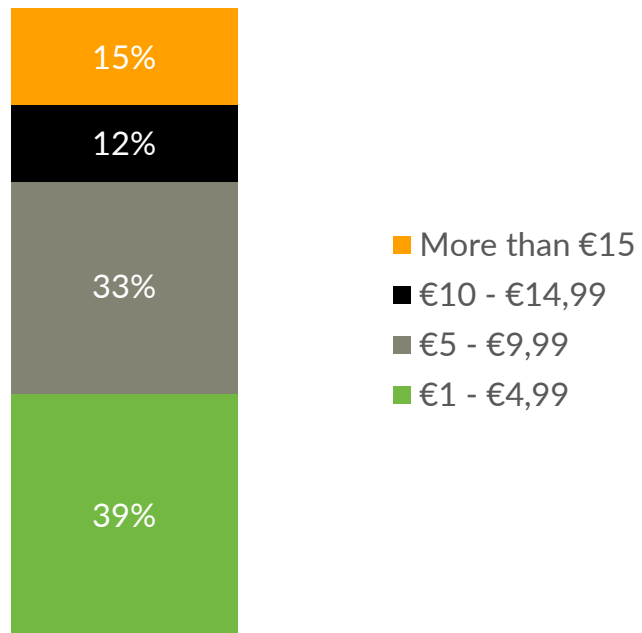


Vaule Added Logistics Survey -2021



1/8 BELGIANS WILL PAY MORE FOR SUSTAINABLE DELIVERY

They would pay an average
of €8 extra for a sustainable
delivery.



Vaule Added Logistics Survey -2021



LONGER DELIVERY TIMES WHEN DELIVERY METHOD IS MORE SUSTAINABLE

There is quite some willingness to accept longer delivery times under the condition that the delivery method is more sustainable.



Q3.6d If you had to choose between these options when shopping online, what would you choose?
Base: total sample 2021 (N=405)



CITY LOGISTICS

by BD Logistics

BD LOGISTICS

CONSOLIDATION



CROSSDOCK



SUSTAINABILITY



ECOLOGICAL

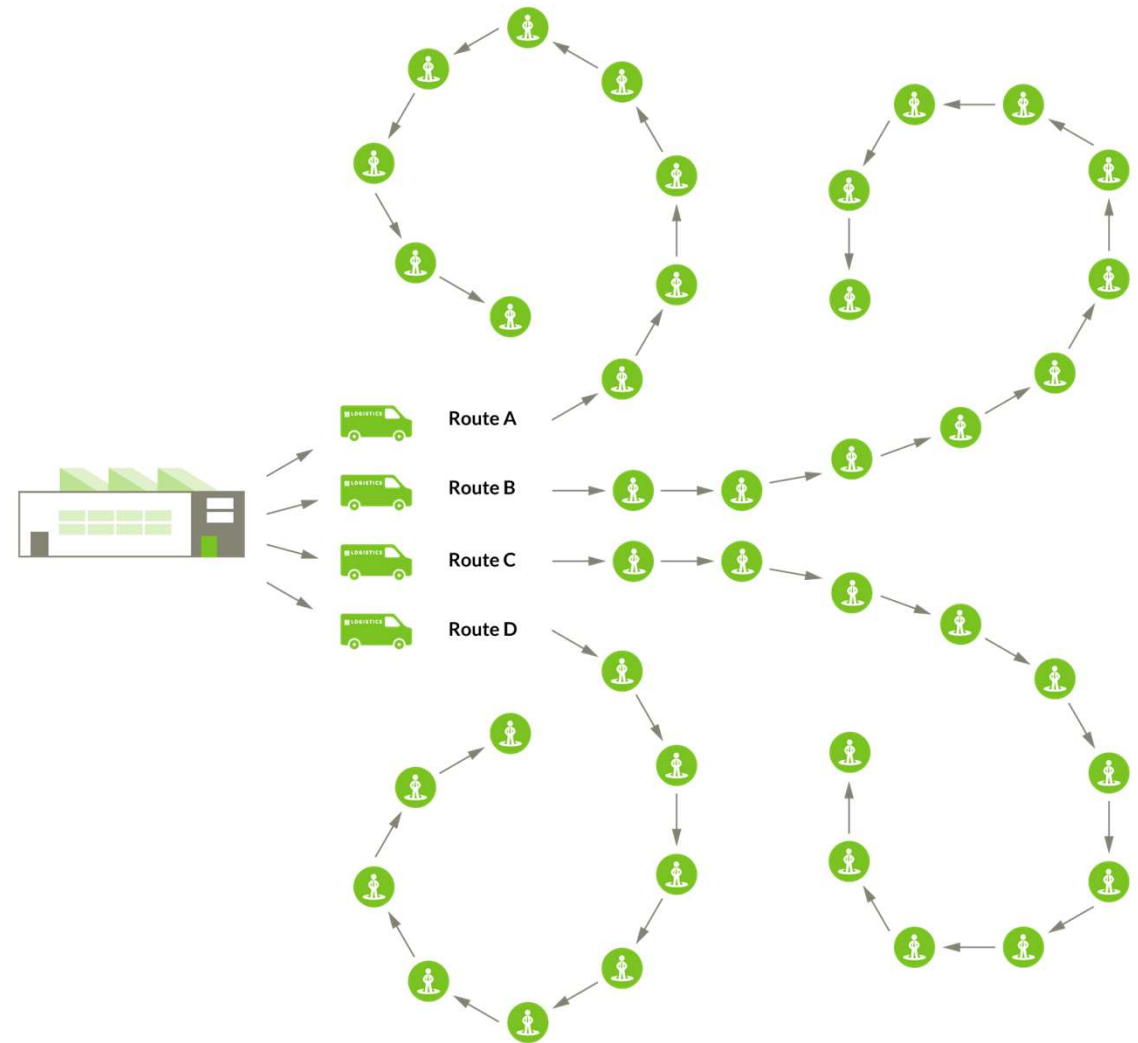
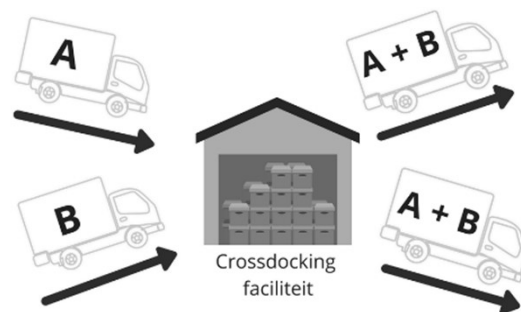


WE TAKE CARE



CROSSDOCK

CONSOLIDATION on the city's edge



SUSTAINABILITY

Less movement
Safety
Social



ECOLOGICAL

CO² calculator
Green fleet



CO² CALCULATOR (TRANSCEC)

A customer can calculate what savings in CO₂ he achieves through the urban concept and compare it with the impact of last-mile deliveries in the traditional way.

“

In concrete terms, by using the right mix of consolidation and using green vehicles, CO₂ savings of up to 90% can be achieved.



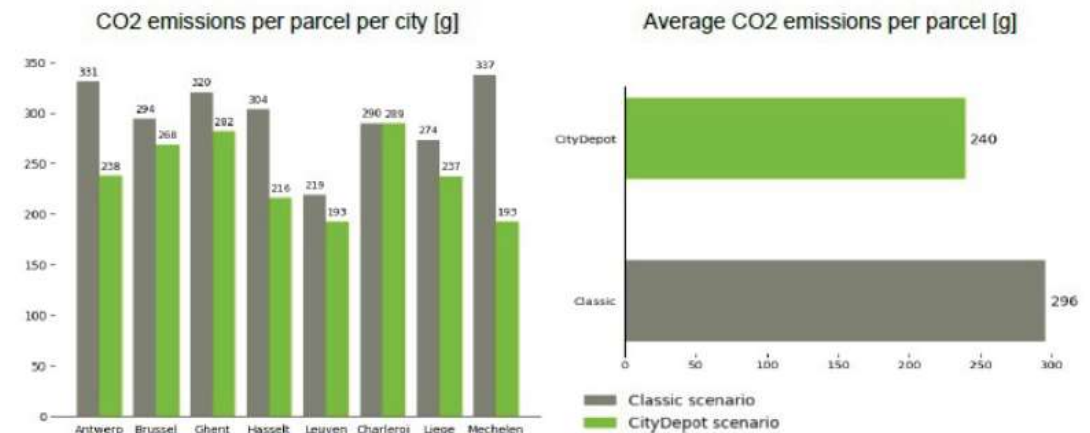
Results classic scenario

- Total emissions: 236.8 kg CO₂
- Weighted average: 29.61 kg CO₂ per city
- Average distance traveled: 242.6 km

Results CityDepot scenario

- Total emissions: 191.6 kg CO₂
- Weighted average: 23.95 kg CO₂ per city
- Average distance traveled: 167.7 km

Comparative analysis per parcel



Saving CO₂ emissions

CityDepot scenario reduces emissions by 45.25 CO₂ kg, equivalent to planting 1.81 trees.



NATIONAL NETWORK

by BD Logistics

www.BDLogistics.be - info@BDLogistics.be

BD LOGISTICS

CONSOLIDATED
DELIVERY



RURAL AREA:
TWO DAYS A WEEK



URBAN AREA:
CITY LOGISTICS
FLOW





REVERSE LOGISTICS

Second life
Circular

CLOSED LOOP
LOGISTICS

SORTING

PICK-UP



BD LOGISTICS REPRESENTS



National network



Local logistics




Added value



Sustainability

THANK YOU.



Ruth Heylen

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