

POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

ANNUAL
CONFERENCE

2023

LEUVEN, BELGIUM • 29-30 NOVEMBER 2023



leuven



Plan of the presentation

- 1. Context : logistics in Brussels**
- 2. An alliance to accelerate the transition**
- 3. Examples of participants and commitments**
- 4. Next steps**



What is logistics?

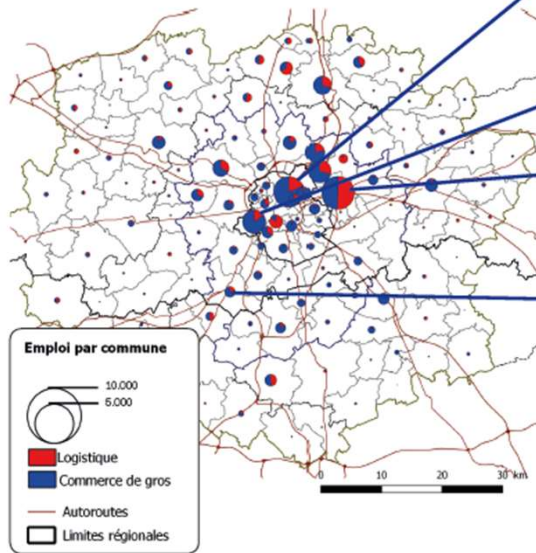


Transport for yourself/your company, for others, via multiple means of transport and to meet various needs: logistics can take many forms.



Logistics is also...

 **35.000 EMPLOIS DANS LA REGION BRUXELLOISE ET SA PERIPHERIE**



Source : Observatoire de la mobilité n°4, Le transport de marchandises et la logistique à Bruxelles



Mabru : le marché matinal est le plus grand marché de gros de Belgique. Il abrite 120 entreprises et occupe environ 500 personnes. 8 à 10.000 tonnes y sont traitées chaque semaine.



Les abattoirs d'Anderlecht accueillent l'ensemble de la chaîne de distribution de la viande, de l'abattage à la vente de détail, en passant par le grossiste. Grâce à la proximité géographique, les besoins en transport sont limités.



Encadrement de la chaîne logistique. Exemple du centre DHL situé dans l'un des zonings près de l'aéroport.



Centre de distribution de Colruyt à Halle. Installés à proximité des grands axes autoroutiers, les centres de distribution desservent les magasins en ville.

By creating and supplying jobs, logistics also brings the city to life.

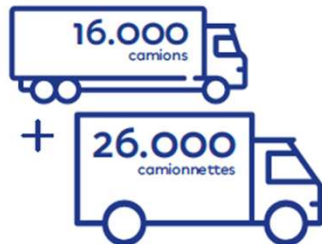
In Brussels, every citizen generates 41.5 tonnes of transported goods/year



Impact of logistics in Brussels

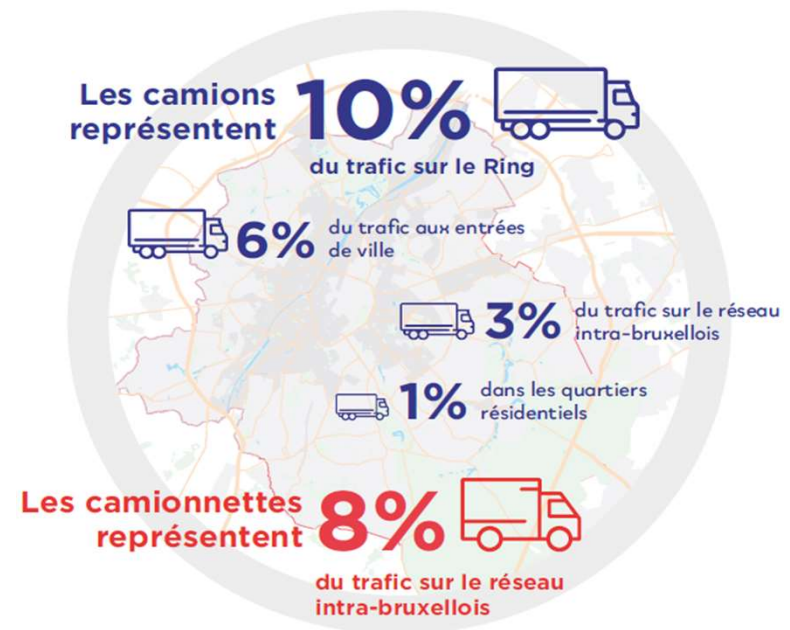


Cela représente **chaque jour**



Cela représente

30%
de la pollution
atmosphérique
due au trafic

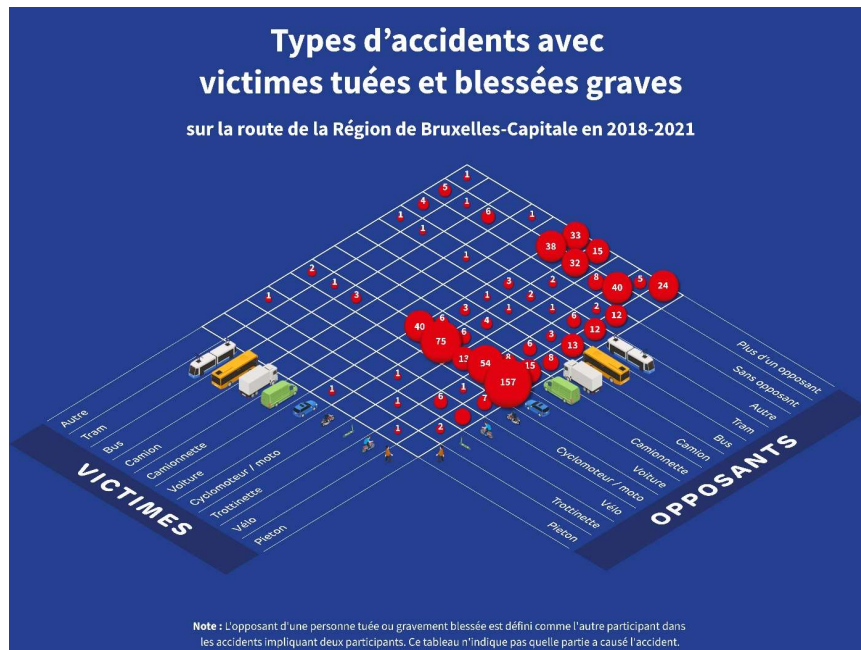


Logistics has a significant impact, particularly in urban areas. In Brussels, it represents 17% of traffic but 28% of fine particle emissions, 34% of NOx and 25% of CO2 linked to mobility.

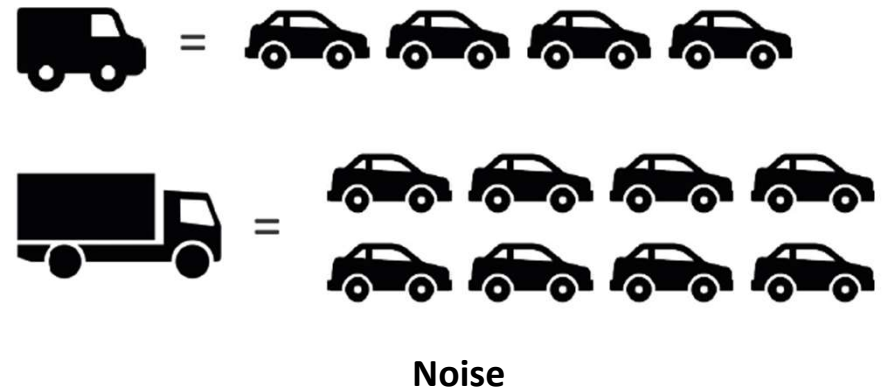
Under a BAU scenario, freight transport is expected to keep growing, in Belgium (+25% by 2040).



Impact of logistics in Brussels



Road security





Air pollution & climate in Brussels

Accueil > Belgique > Société

9.380 morts prématurés dus à la pollution de l'air en Belgique en un an

Si la qualité de l'air s'améliore lentement en Europe, elle reste préoccupante principalement dans les villes. La preuve avec les derniers chiffres qui datent de 2016.



Belga



In Brussels, transport is the source of nearly 60% of NOx emissions and 30% of PM.

Climat: la justice condamne sévèrement la faiblesse de l'action belge

Faute de prendre les mesures nécessaires contre le changement climatique et de coopérer loyalement et sainement, le fédéral et les trois Régions sont fautifs, violent le code civil et la Convention des droits de l'homme, vient de juger un tribunal.

Article réservé aux abonnés

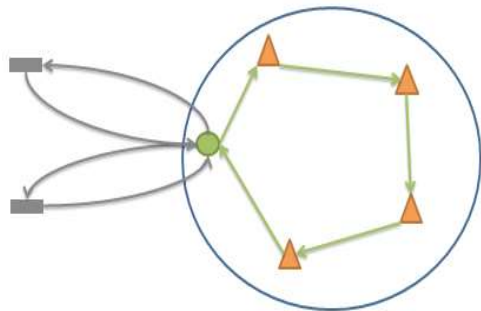


In Brussels, transport is the source of nearly 30% of CO2 emissions



Sustainable logistics: many solutions

Less km



Modal shift



Motor shift





Logistics, at the crossroads of several worlds



Promote more sustainable delivery methods, that have less impact on the environment and mobility, and support the creation of sustainable, quality jobs



An alliance to accelerate change



As part of its “Shifting economy” strategy, the Brussels Region launched a public-private alliance aimed at accelerating the transition of the logistics sector towards less polluting methods and modes of transportation. Public and private actors of all sizes and from many sectors are expected to exchange experiences, best practices and implement ambitious measures on this topic.



Objectives of the Green deal



Inspire through the exchange of good practices and success stories as well as through the creation of networks of experts and organizations.



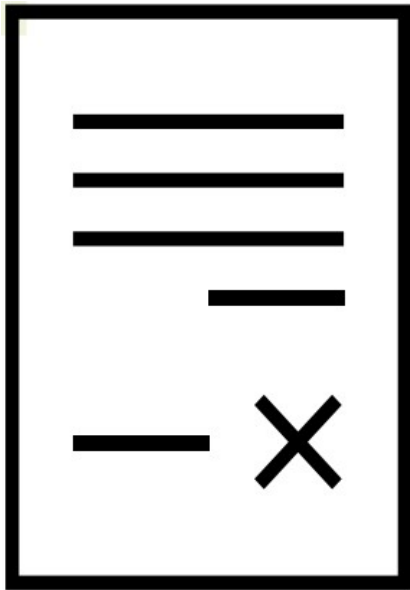
Support the implementation of projects and the formulation of ambitious objectives (calls for projects, subsidies, labels, technical advice, etc.).



Promote actions and pioneers through the signing of an agreement and public visibility.



Content of the Convention



Signature of a charter by the participants:

- ▶ Environmental, economic and social objectives
- ▶ Ambassadorial role of the signatories
- ▶ Role and composition of the steering committee
- ▶ New members
- ▶ GDPR

Individual commitments:

- ▶ More ambitious than current legislation
- ▶ Monitoring of commitments via the annual report
- ▶ Private and public actors
- ▶ SMART and achievable by 2025



Relevant actions: the 4 “A” theory



Awareness: awareness-raising about the impacts of transport, the need to change practices and sharing of good ideas.



Avoidance: Reduce demand for travel by optimizing volumes and delivery routes, and thus reduce the circulation of heavy vehicles.



Act and shift: Transfer to other modes such as water, rail, and cargo bike.



Anticipation of new technologies : shift to “zero direct emission vehicles”



Sustainable logistics: many solutions

BPOST



100% zero emission deliveries in RBC by 2025.

PROXIMUS



CULT project (consolidation)
Electric deliveries
Passage of certain flows by water

ZIEGLER



80% of Horeca/boutique deliveries decarbonized
Doubling of flows by water
Waste collection pilot project



Sustainable logistics: many solutions

CLEM'



50 new shared electric vans

CABAS

cabas,
la coopérative
des artisan.e.s
de la transition
alimentaire

cabas



Deliveries by cargo-bike
Pooling of deliveries between
producers

URBIKE



Creation of an urban consolidation hub
Sharp increase in their delivery flow by
cargo bike
Implementation of projects around the
canal



Sustainable logistics: many solutions

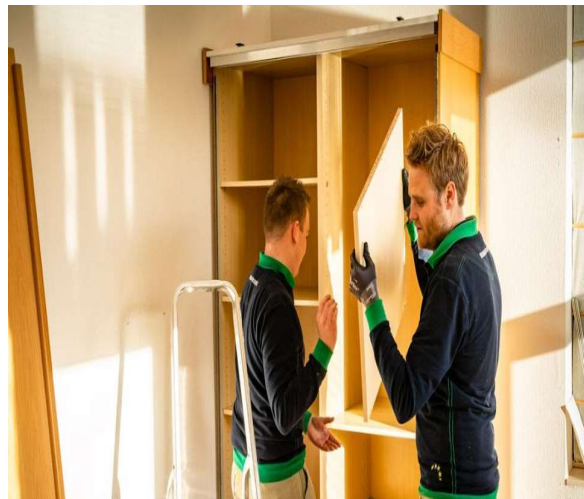
La Monnaie



Delivery of theater sets via the
waterway

Use as much “zero direct emission”
deliveries as possible

Federation of movers (BKV)



Collaboration of 10 moving
companies for a more sustainable
sector

Pilot projects

POLIS network



Field visits

Promotion of the Green deal at EU level



Towards a sustainable logistics in Brussels

Enabling environment

- Sustainability criteria and decarbonization plans (Port)
- Rail service and extension of terminals (Port)
- Reflection on a regional tri-modal hub

Financial support

- Be Circular (logistique)
- Prime LEZ (vans)
- Call for proposal « Low Emission Mobility »

Facilitation / Communication

- Cairgo Bike (bonus + trainings)
- Facilitators :
Logistics
Construction
Charging points
- Green Deal logistique durable



2023 - Signature of the Green deal





What now ?

- Members are implementing their commitments.
- Workshops : presentation to all actors the various sources of financing and support that they can access in Brussels.
- Two call for proposals were launched and are currently being finalized (electrification and sustainable logistics).
- Video capsules of some members of the Green deals will be prepared.
- 10 – 15 new members should join in 2024.
- The first evaluation report will be published soon.



**Thank you for
your attention!**



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