



Annual Event

CITYlogin: new ways of delivery in the city

11th april 2024



Who are we?

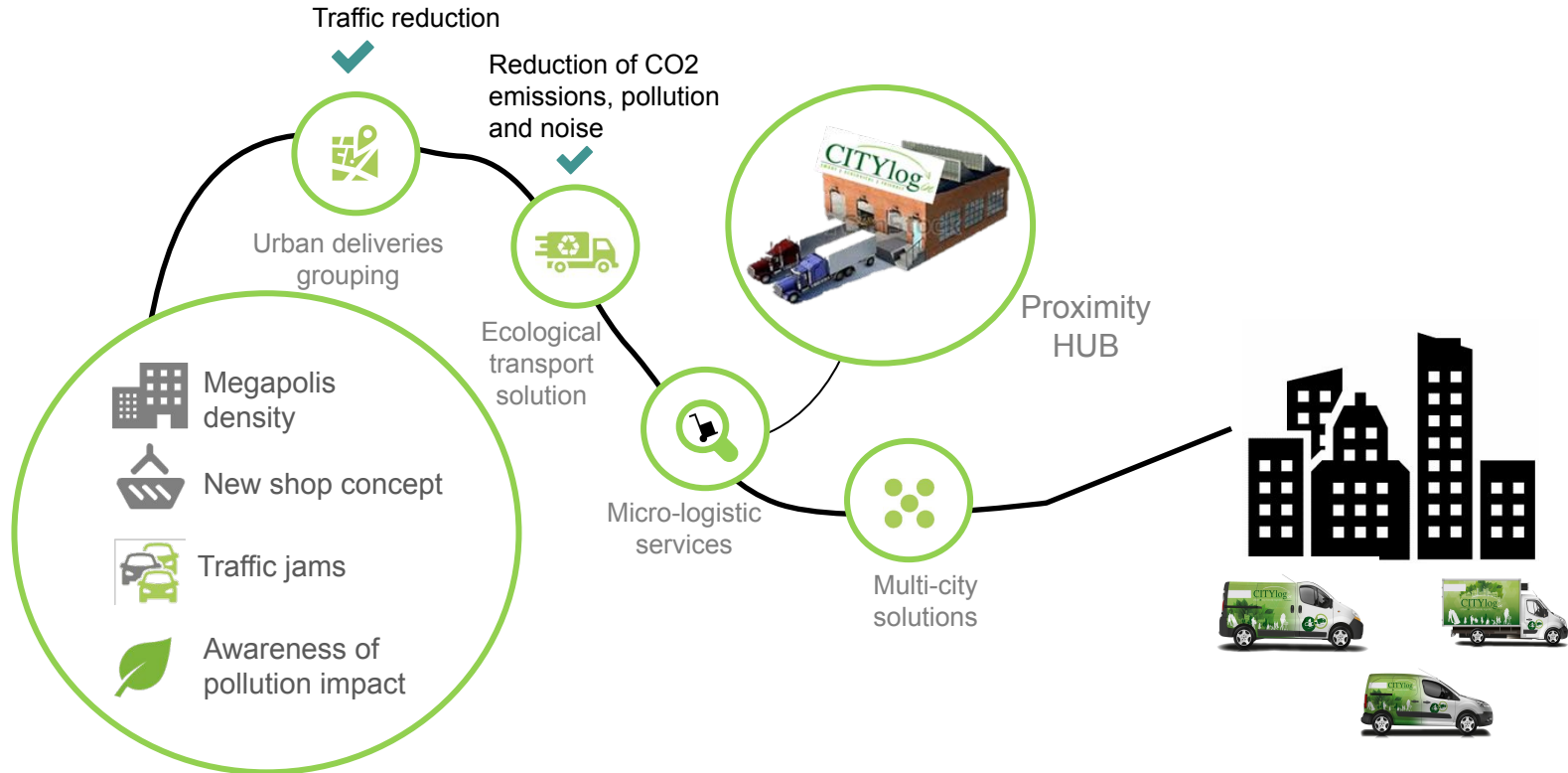
CITYlogin is...

CITYlogin is a **logistic and last mile distribution company** which offers micro-logistic services, B2B (with a customized fleet) and B2C, with an ecofriendly solution for urban distribution, adapting itself to the different mobility and pollution restrictions from the urban centers.

With a **low emission vehicle fleet**, the innovative nature of CITYlogin guarantees the optimization of the last mile supply chain.



More than last mile

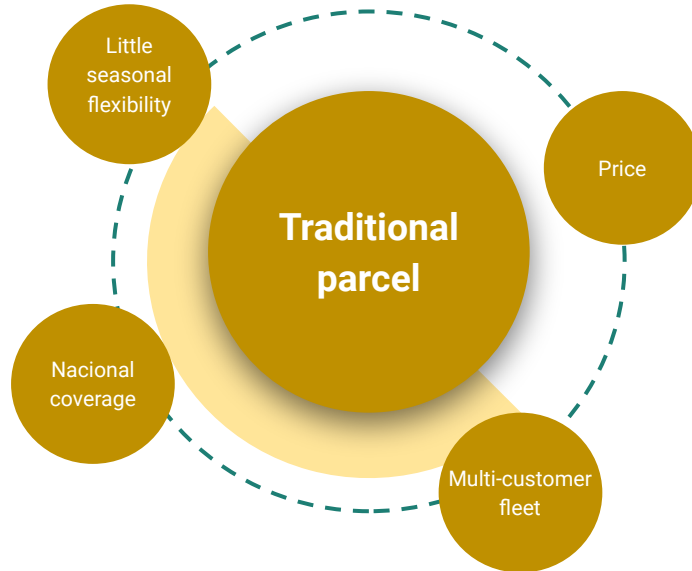


Our fleet : 100% Eco-Sustainable

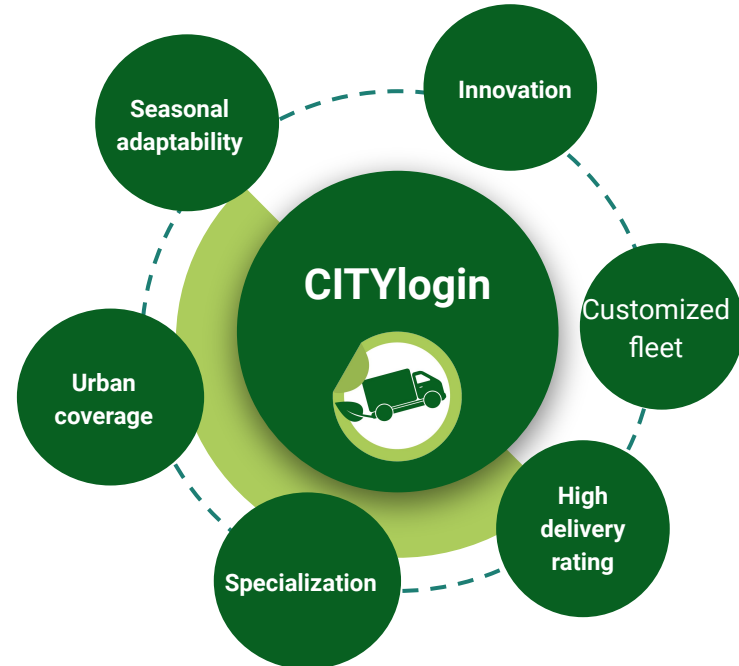


Competitive strategy

Traditional Parcel Business Model



Logistic as a Service



Innovation for LaaS

Planet Project

EU Project. Application of several new technologies creating a digital platform in a “Door to Door” operative with freight from Asia, connecting all logistic centers until the delivery point.

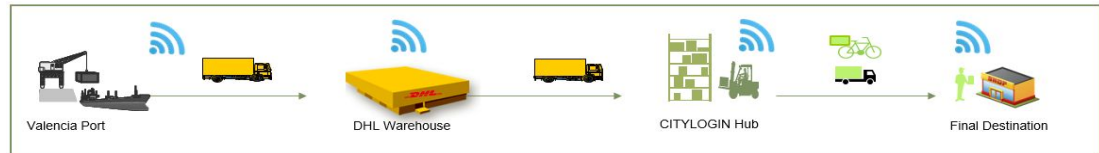
CITYlogin participate in Living Lab Mediterranean Corridor as LMO that delivery in Madrid city with alternative Eco-Vehicles.

→ Technologies includes:

- IoT (Internet of Thing)
- IA (Intelligence Artificial)
- PI (Physical Internet)
- BlockChain
- Augmented Reality

→ Best Practices for LSP

- Interconnected Solution
- Supply Chain Visibility
- Seasonal/Campaign adaptation
- Kpis, Predictive models
- Reduced “Whiplash effect”



Innovation for LaaS

Synchromode Project

EU project. It is focused on **creating advanced traffic management solutions** for synchronized and resilient multimodal transport services.

CITYlogin is participating in a **pilot in Madrid** that explores the use of on-demand passenger transportation (DRT) for delivery of goods and passengers.



SYNCHROMODE



→ Best Practices for LSP:

- Explore new private-private collaborative business models with the passenger transportation sector
- Test the operational efficiency
- Private-private partnerships models
- Impact on labor, workers and customers of new delivery models

Innovation for LaaS

MicroHubs 4.0

CITET project (Centre of Spain Transport Investigation). Aims the **creation of a collaborative net of Urban Consolidation Centers in Madrid.**

It includes:

- Creation of the software infrastructure,
- Traceability system and equipment
- Connection between different roles and stakeholders
- Public-private and private-private business model.



CITYlogin participates in Living Lab **exploring the use of this cooperative net sharing operational volumes** to explore net connections generated ,optimization software use and other services like demand forecast and traceability along the operation.

- Already finish. One year data analyzed.
- 2024 Standtrack EIT Urban Mobility Project.

Innovation for LaaS

Lead Project

EU project. It is focused on create **Digital Twin** Modelization supported by living lab pilot using a subterranean public parking facility as a consolidated center for the freight distribution in **Plaza Mayor** “LEZ Madrid Central” with light electric three wheels vehicles.



→ Best Practices for LSP:

- Best location selection for crossdocking operation to alternative sustainable delivery vehicles
- Test the operational efficiency of alternative delivery vehicles
- Public-private partnerships models
- Impact on labor, workers and customers of new delivery models

Summary



Partners



December 2021 to May 2023 activity



Working days	Services	km driven
460	96.000	138.000

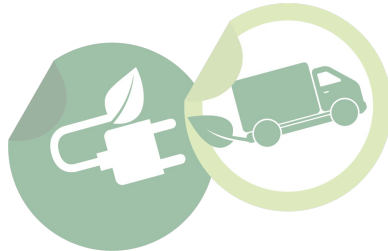
May 2023 (7.125 services)

Urban Consolidation Centre vs. Business-as-Usual

Scenario	Vehicles	Total Journey (hours)	Driving time (hours)	Serve time (hours)	Km driven	Nº of Vehicles	Energy per delivery (kWh)	CO ₂ per delivery (grams)	PM _{2.5} per delivery (grams)	NO ₂ per delivery (grams)
BaU	Diesel van	1.151	293	792	10.980	148	1,39	372,86	0,04	0,46
	E-van	-	-	-	-	-	-96%	-100%	-100%	-100%
UCC	Hybrid van + E-scooter	-23%	-8 %	-28%	-22%	14%	-81%	-84%	-75%	-100%
	E-van + E-scooter	-23%	-8%	-28%	-22%	14%	-95%	-100%	-100%	-100%
	Big E-van + E-scooter	-25%	-14%	-28%	-33%	1%	-95%	-100%	-100%	-100%

CITYlogⁱⁿ

The future, if it is not
sustainable, is not future



How to contact us?



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