

# BRESCIA FUA (OECD CODE IT029)

D.T1.2.5 - FUA REPORT INCLUDING SULPITER TOOL FEEDING & CALIBRATION IN BRESCIA



## FUA Objectives

1. Frame Comprehensive Picture of freight transport & distribution related to commercial activities in FUA Brescia;
2. Enable Private Sector, with direct participation of commercial activities, transport and logistics operators in interviews to get actively involved in framing Brescia FUA freight flows;
3. Hand over updated data, figures and information to Brescia FUA's Public Administrations to be used in elaboration of SULP and in ideation/implementation of valid measures based on concrete knowledge of current FUA's freight flows.

## The territorial context

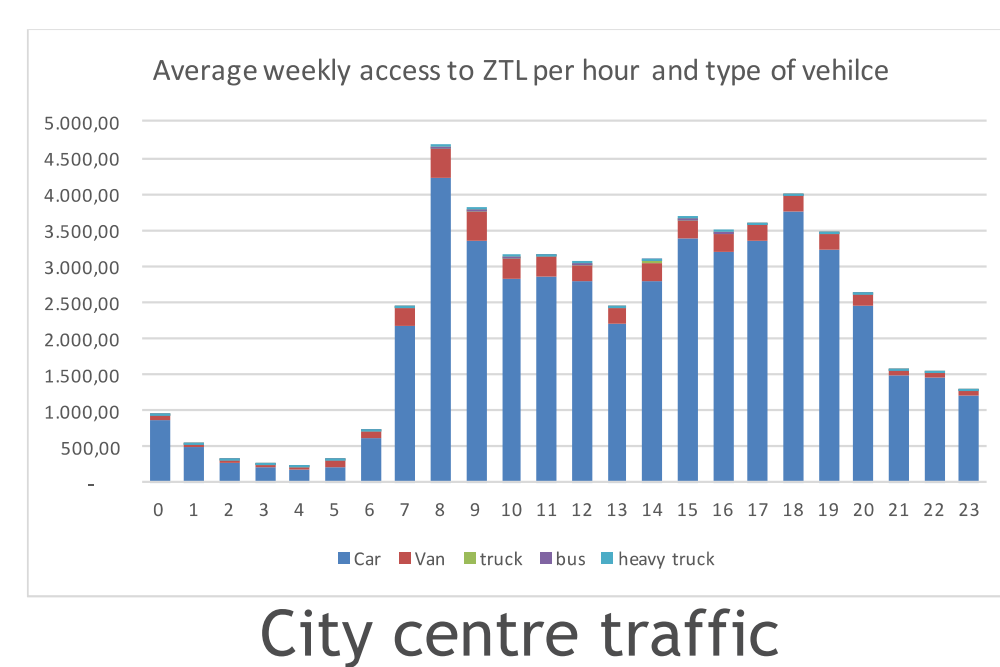
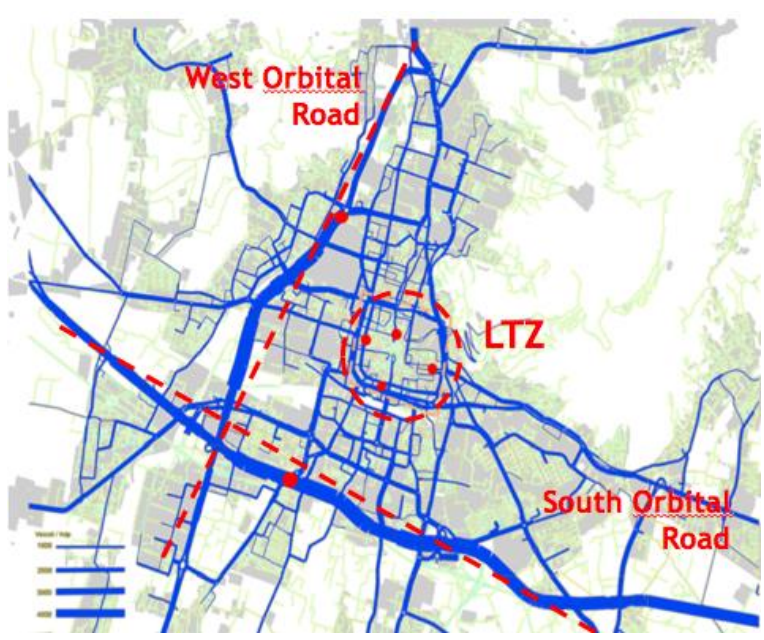
- 293 KM<sup>2</sup>;
- 341.384 inhabitants;
- 16 municipalities;
- 18.750 productive activities, of which 7.191 related to distributive flows;
- 25 zones based on the criteria of ZIP code aggregation with similar concentration of the most important categories of commercial activities.

## Results generated by the tool application

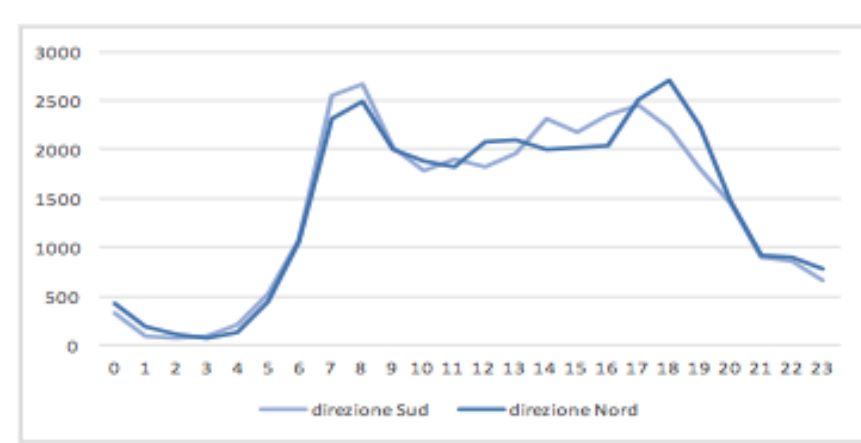
- Less than 5% managed by the shop (EXW 4.7%; Off Truck 0.4%);
- 60% of supplying process managed by third party providers;
- 5% "own account" managed by shop keepers;
- Load unit - Box (36.2%), Carton box (29.1%), Pallet (17.8%);
- Delivery time: 57% less than 10'; 36% from 10' to 20'; 7% more than 20';
- Number of load per delivery: minimum 3.6 - maximum 29.5 - average 8.6;
- Point of delivery: 42% private area; 36% on street regular parking; 12% illegal parking or double lane; 10% public loading bay.

Traffic counts with focus on:

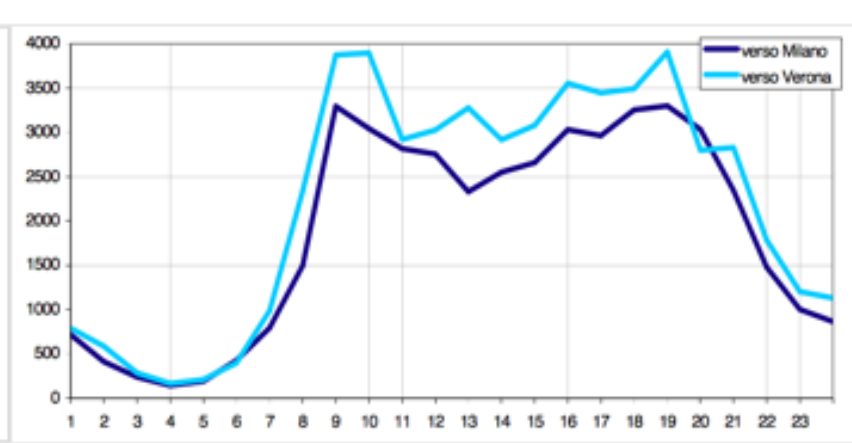
- LTZ's accesses due to high density of commercial activities and relevant freight flows into the city centre;
- Along two primary level roads (west and south orbital roads), due to high traffic flows.



WEST



SOUTH



Orbital roads traffic

## Data interpretation

- A high level of functionality of urban freight distribution system in Brescia FUA;
- Specific problems on which intervention is needed: loading bay, city centre access regulation, traffic congestion in specific areas, etc.;
- Space for improvement of environmental efficiency (increasing vehicles' load factor or improving the technological standard of vehicle fleets);
- Higher level of collaboration and involvement in specific transport/logistics policies of different types of public and private.

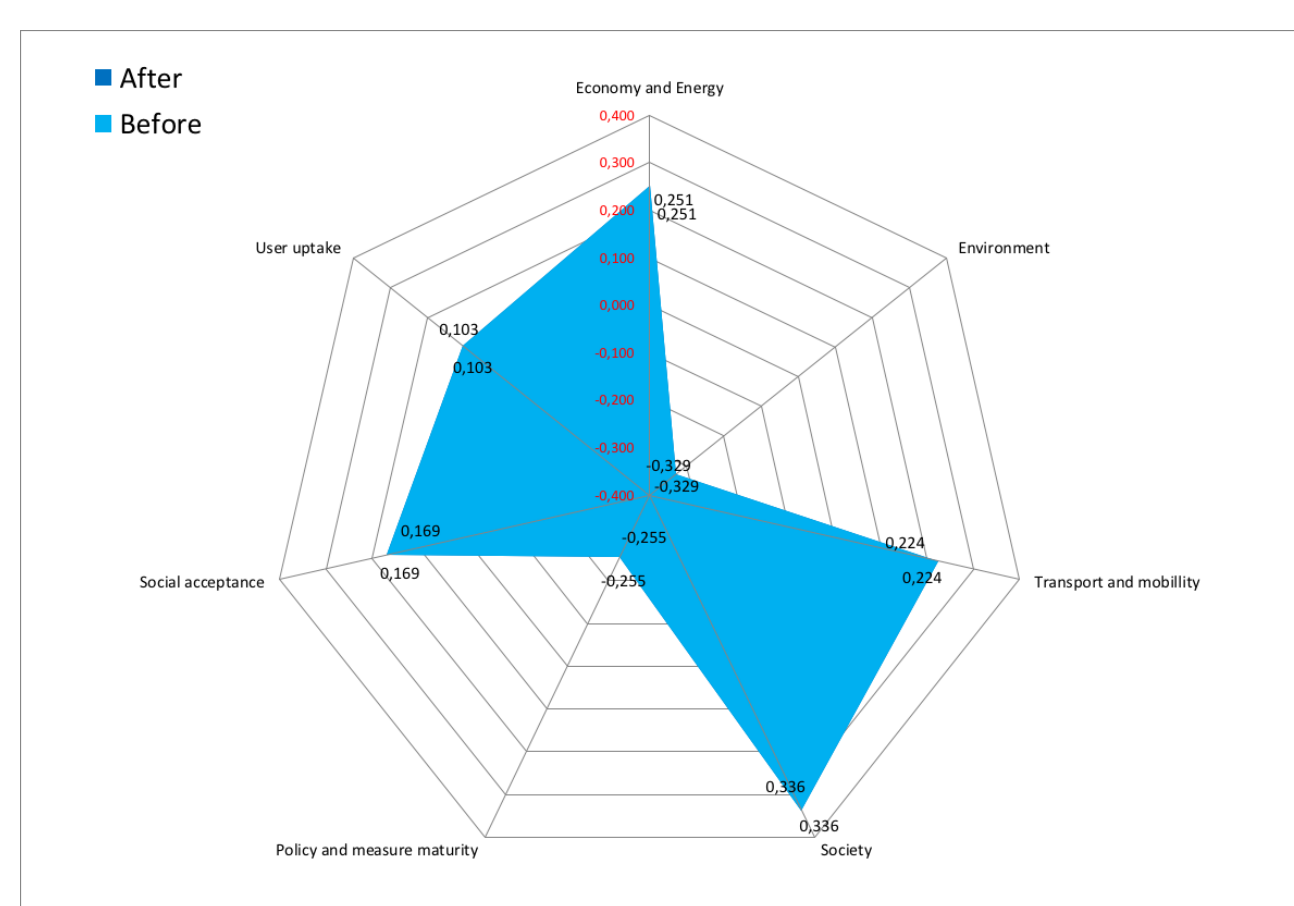
## LSI

- 4 of the 7 "impact areas" show urban freight distribution system having high level in following impact areas:

1. Economy and Energy;
2. Transport and mobility;
3. Society;
4. Social acceptance;

- Medium level:
  5. User uptake;

- Very low level in:
  6. Environment;
  7. Policy measure maturity.



The SULPiTER project and the SULP that will be developed in FUA Brescia thanks to SULPiTER, will try to impact and influence measures and actions especially on these two impact areas.



## Total number of interviews

	Retailer	Ho. re. ca.	Wholesaler	Car Repair	TOTAL
Population	2420	2047	1822	562	6851
Phone calls made	328	293	199	36	856
Finalized interviews	133	56	85	29	303
Sample %	5%	2%	5%	5%	4.4%
Redemption	41%	19%	43%	81%	35%

## Freight Quality Partnership

- Define together with Public and Private Stakeholders problems related to FUA traffic and freight transport;
- Define common objectives and agreement on solution to be applied, such as:
- Regulation of LTZ's access, loading and unloading areas;
- Operation of the urban distribution platform La Piccola;
- ICT solutions for the regulation of freight traffic and operation (booking of loading and unloading areas) in the LTZ
- Agree on FQP Charta;
- Collect inputs for SULP;

Participants:

### SIGNATORIES

- Public Administrations
  - Municipality of Brescia;
  - Municipalities in Brescia FUA;
  - Municipalities with relevant commercial and logistic hubs in Brescia Province - e.g. Iseo, Desenzano del Garda, Montichiari, Erbusco, Lonato del Garda, Salò;
  - Province of Brescia.
- Sectorial agencies
  - Brescia Local Public Transport Agency
- Associations and organisation
  - API - Associazione Piccole e Medie Industrie (SME association);
  - Confartigianato (Association of Tradesmen and Artisans);
  - AIB (Industry association Brescia);
  - FAI - Federazione Autotrasportatori Italiani (Italian Road Haulage Association);
  - ASCAB - Associazione Spedizionieri Corrieri Autotrasportatori Bresciani (Association of courriers, haulage and freight forwarders of Brescia);
  - Confcooperative (Cooperative Business Association);
  - Confcommercio Commercial association);
  - Consorzio Brescia Centro (Brescia city center Consortium);
  - ALSEA (Brescia haulage and freight forwarders Association);
  - Confetra (Transport and logistics operators association);
  - Federazione italiana lavoratori trasporti CGIL (Italian Union of workers in transport sector);
  - Chamber of Commerce of Brescia;
  - Associazione Artigiani di Brescia e Provincia (Association of artisans of Brescia city and Brescia province);
  - AICAI - Associazione Italiana Corrieri Aerei Internazionali (Association of international air freight courriers);
  - Federazione Italiana Trasporti Fit- Cisl (Union of workers in transport sector);
  - Uilt-Uil Unione Italiana del Lavoro Trasporti (Union of workers in transport sector);
  - FITA-CNA (Road Haulage Association).
- Infrastructure managers
  - AZA (Electricity distribution company)
  - Mercitalia logistics (RFI rail infrastructure manager and rail freight terminal)

### NOT SIGNATORIES

- NGO, Groups of interest
  - Legambiente; (League for the Environment)
  - Consumer associations;
  - Associations engaged in topics of local public interest (es. recycling, reverse logistics, food recovery, etc.).
- Transport and Logistics Operators
  - Trenord;
  - SAIA/SIA;
  - International and Local Couriers and Shippers
  - Big companies and big freight traffic flows attractors/generators
  - Shopping centres/malls;
- Other businesses

First FQP's meeting held on December 20<sup>th</sup> 2017 with discussion on:

- ❖ SULPiTER in local context and Brescia FUA's Freight Quality Partnership;
- ❖ Current policies and initiatives on freight logistics and transport inside FUA;
- ❖ Current distribution platform for goods in the city centre with ecological vehicles;
- ❖ Brescia's PUMS and future SULP;
- ❖ Upcoming work and meetings on:
  - Relations/connections between logistics platforms, linked to the large-scale retail trade and to the Montichiari airport) present in the FUA;
  - Effective policy tools;
  - Impacts on the external road network and the historical centres of each municipality of the FUA;
  - Relations with industrial flows of goods.



TAKING COOPERATION FORWARD

