# **City of Torino**







# **Key Figures**





- About 900.000 inhabitants
- I 30 Km<sup>2</sup> surface
- Metropolitan area 1.5 million people over 837 Km<sup>2</sup> surface
- 0.63 motorisation rate
- 200.000 cars daily to the city
- 120.000 cars daily out from the city
- 350.000 cars daily within the city
- 175 Km of cycle paths to be expanded to 300

To face this context, air-quality, noise, congestion and road safety are the key-issues that mobility planning addressed, searching for common solutions. The City worked for a reduction in the use of private and <u>freight vehicles</u>, making alternatives to private cars, optimising travels through efficient transport combinations. Integrated planning of the transport system with urban and economic planning is a significant component to improve the urban territory liveableness overall.

# Integrated transport planning





Since the mid '90

- Traffic urban plan 1995-2002
- Detailed scale plans: city centre mobility plan, cycle paths plan, road safety plan
  2011
- Urban Plan for Sustainable Mobility
- Reference database updated to 2008
- Consistent with the White Book "The European transport policy until 2010: time for choices" and the Green Book "Towards a new urban mobility culture"

OBJECTIVES: I. Improving accessibility to the city; 2. Ensuring and improving accessibility for people; 3. Improving air quality; 4. Improving the quality of urban environment; 5. Increase the use of public transport; 6. Efficiency and safety of road system; 7. Innovative technologies for mobility management; 8. Define the governance of the Plan;

### **Torino Smart City**





In 2011 the City of Torino also started to define its own strategy to become a Smart City.

A large platform of stakeholders has been created, to strategically plan a smart reshaping of the whole city.

Different and integrated working groups for several issues, among them: SMART MOBILITY.

# **Smart Mobility**





- Electromobility
- Infomobility
  - Real-time routing
  - Vehicle-to-infrastructure applications
  - Vehicle-to-vehicle
  - Vehicle diagnostics
- Policy making
  - Real-time mobility management system
  - Congestion pricing
  - Intelligent freight logistics
  - Virtual truck control towers



### **Freight logistics**



Freight mobility is largely acknowledged as a key element for economic development.

Among the management policies of urban mobility is quite clear the need for new forms of accessibility to city centres in order to optimize the displacements and to support the exploitation of high quality standard eco-vehicles.

In such a context freight logistics play a central role.

The urban distribution of goods needs then to be planned both on the long term (SUMP) and on the short term (UTP).

The increasing importance of freight logistics in urban environments deeply impacts the Alpine Space Area and both a boost to multimodal logistic and to ICT solutions is needed

# **Torino and SUMPALP**



### WHAT WE HAVE

#### An ongoing process for designing a local partnership

Italian Ministry of Transports Piedmont Region Finpiemonte CSI (ICT company) Politecnico di Torino University of Lyon 5T (public society for managing traffic data) Everis - Consip S.I.TO - Società Interporto di Torino Confcooperative

#### Torino as a living lab

Physical availability of two areas (S.I.TO and Confcooperative) where to implement urban freight mobility solutions in an integrated logistics perspective.

#### The core idea

To develop an ICT platform for managing the goods sorting model towards the city centre.





### WHAT WE ARE LOOKING FOR

### An international partnership

Specialists' insights from other cities of the Alpine Space focusing on freight logistics and smart freight mobility solutions.

#### A policy-making lab

Confrontation on how to plan urban freight mobility effectively.

#### **OBJECTIVES:**

To start logistic optimization processes aiming at reducing unproductive displacements. To promote van sharing services and rationalization services through freights consolidation platforms and reshipping to eco-friendly vehicles for the last mile.

### Sharing our ideas

