

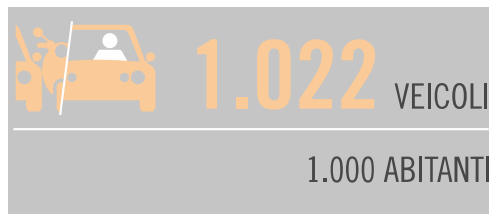
# "Transversal" and "specific" measures to protect vulnerable users: the project of the "Road Safety Monitoring Centre" - Rome

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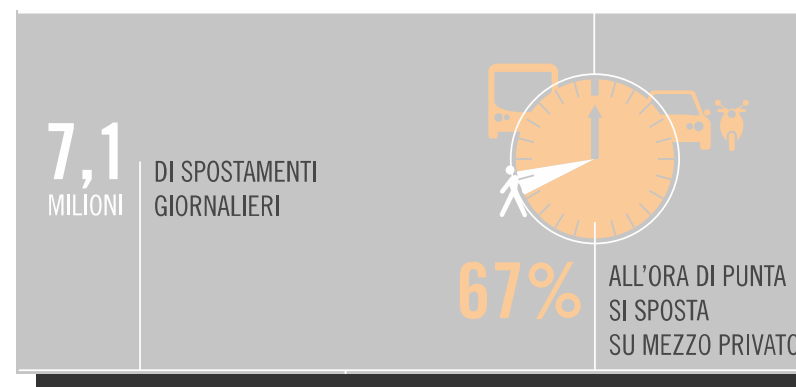
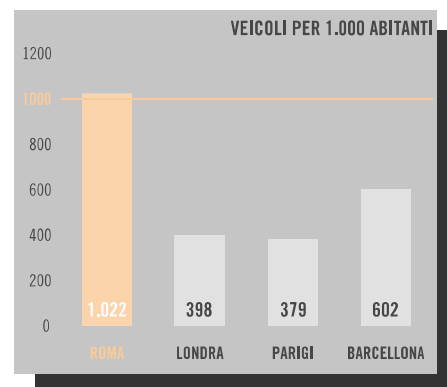




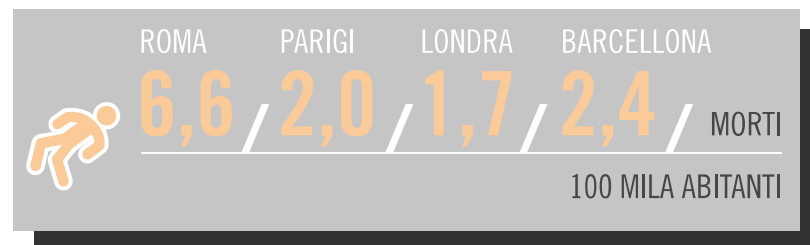
## Some figures about Rome mobility



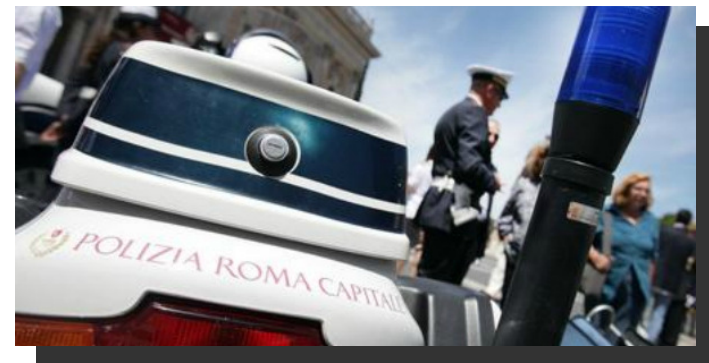
During rush hour  
67% of trips are  
made by car or  
PTW. Only 5% of  
people move on  
foot. Less than 27%  
use public transport



## Road Safety in Rome

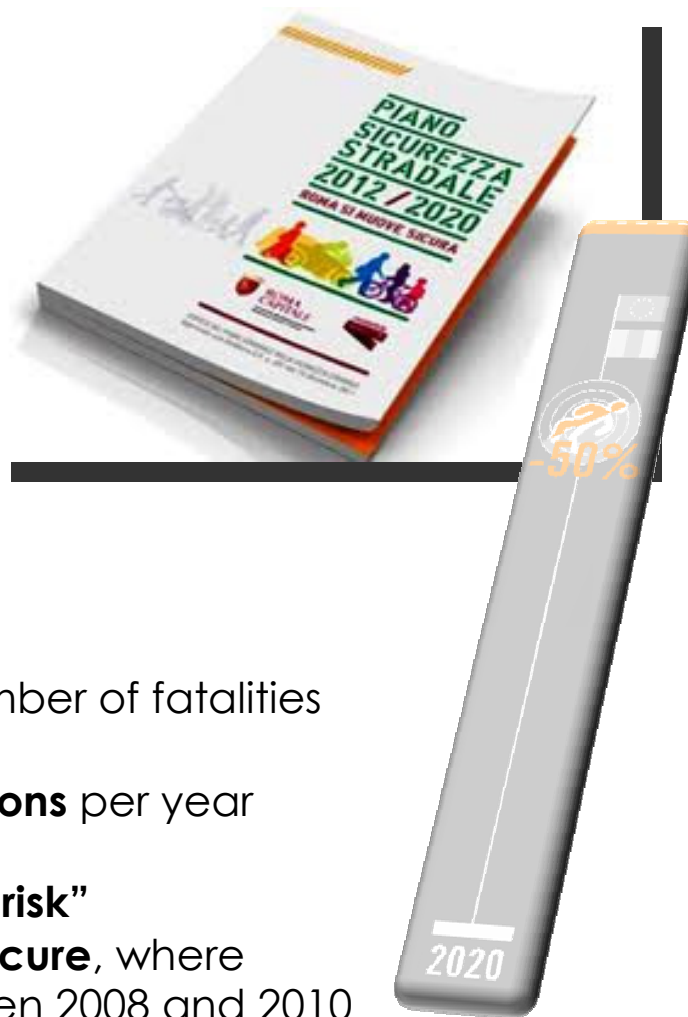


- in 2011, there have been over **18 thousand accidents with victims, 186 deaths and 24,000 injured** in road accidents.
- 24% of deaths regards pedestrians**, two thirds of which are over 64 years old. On powered two-wheelers there are 40% of deaths. Overall, pedestrians, cyclists and motorcyclists account for 65% of deaths.
- Rome pays every year a **social cost of more than 2 billions euro** for road accidents (182 fatalities and almost 25.000 injured in 2010)



## The Road Safety Plan and its goals

- The “**Municipal Plan for Road Safety 2012-2020**” (approved in 2011) is managed by **Rome Mobility Agency**, on behalf of the Department for Mobility and Transport of Rome Municipality
- It gives:
  - a logical structure and sequence to all activities to be identified or planned for road safety
  - priority ranking for all road safety actions & measures
  - suggests how to use the available resources



## The Plan goals

- The overall fixed goal for the Plan is to halve the number of fatalities within 2020
- Reduce **fatality rate to 3.8 fatalities per 100,000 persons** per year (now it is 6.6)
- The Plan fixes specific goals for **each “component of risk”**
- The Plan also identifies **29 road junctions to make secure**, where more than 15 accidents per year happened between 2008 and 2010



## The Plan measures: “Transversal” actions

- Reference know-how frame development (data, knowledge, decision support)
- Road safety management strengthening (technical and strategic skills)
- Road network management and maintenance (improving road safety for critical axis and junctions)

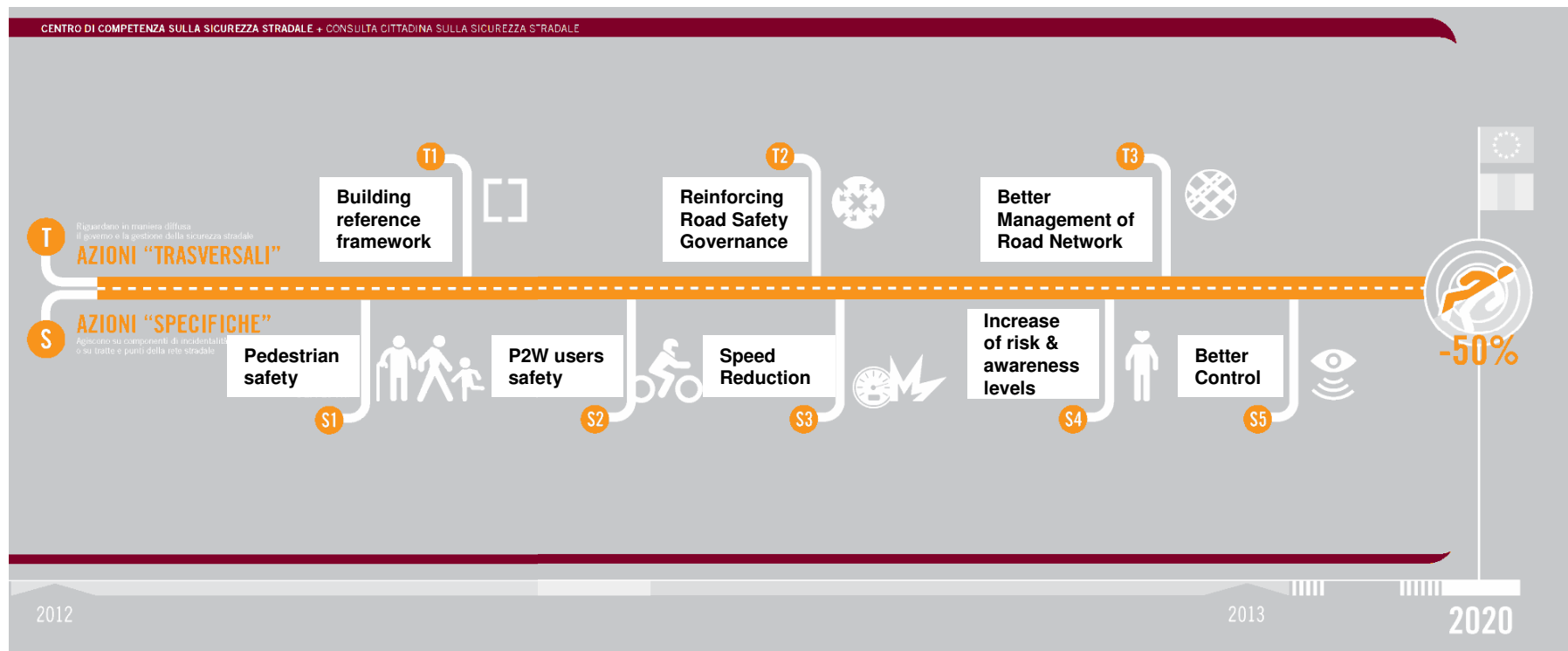


## “Specific” actions for vulnerable users

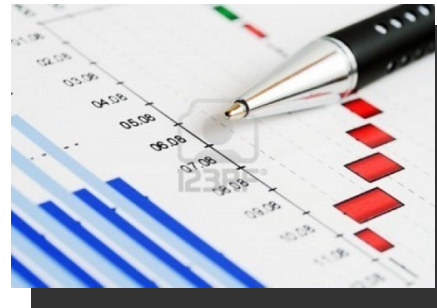
- Pedestrian safety (safe pedestrian routes and crossings)
- Motorcyclists safety (eg. “black” holes removing)
- Speed reduction (speed monitoring and enforcement; cooperation with Local Police)
- Improve risk awareness for using drugs and alcohol
- Awareness campaigns for parents
- Enforcement operative plan (in cooperation with Local Police)



## Vulnerable users: how to reach the -50% goal ?



## The Monitoring Centre for Road Safety

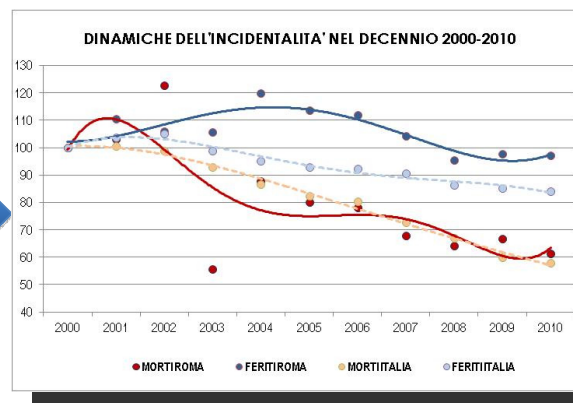


- the Centre must support Administration and road safety operators in **planning, programming and designing**
- The Centre goal is **increasing safety levels**, notably for pedestrians and cyclists, children and elderly, with a pack of actions aimed at strengthening road safety management, increasing the levels of awareness of the population and planning safe routes.
- Integrated Mobility information layer dedicated to road safety and linked to other **Mobility Agency ITS Systems**



## Activities of the Monitoring Centre for Road Safety

- Data collection and management, assessment and monitoring of interventions, planning and design activities, production of the Annual report on Road Safety in Rome
- Reference organization for the various training and information sessions on road safety.
- Development of traffic projects agreed with the Administration to improve junctions/roads/areas safety, according to yearly available resources
- Designs and tests innovative measures (infrastructural, signalling, etc ...) for road safety





## The Monitoring Centre for Road Safety: main results

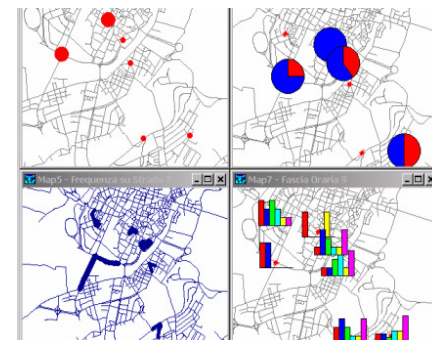
- **1 Strengthening the Road Safety management:**
  - Better understanding of the issue and of risky behaviours;
  - Identification of the most critical areas and routes, their conditions and risks;
  - Definition of actions, measures and effective and innovative solutions;
  - Increasing of technicians and designers skills;
- **2 Increasing of people awareness:**
  - Education of primary school children to identify road risks;
  - Higher levels of awareness for secondary school children;
  - Encourage for driving behaviours and lifestyles "healthy" and "responsible".
- **3 Improvement of safety conditions for road sections and critical routes:**
  - Critical routes identification notably for vulnerable users;
  - Promotion of design models aimed at strenghtening vulnerable users safety;
  - Support to Police enforcement actions;

Implementation of a **“Shared Procedure” among all subjects and operators** using their competences to increase road safety: Institutions, Police, technical bodies, school, health facilities, research organizations, Associations, etc.



## Monitoring Centre is going on!

- in 2012, Rome Mobility Agency implemented a wide range of actions, carried out studies and produced documents to support the Municipality planning and designing.
- **Training courses** for Municipality's technicians and **awareness-raising in schools**; "public consultation for road safety" has also been organized by the Agency.
- A "**Road Safety Monitoring Centre**" has been set up within the Agency, as technical structure dedicated to data and management collection, design and assessment of the road interventions, and safety training.
- A "**Road Safety Information System**" (SISS), has been created within Road Safety Centre as a tool to support decisions.
- Each year, the Road Safety Center updates the PCSS, through the **drafting of three documents**: the "Accidents Report", the "Summary of operations undertaken in implementation of the PCSS" and the new "Action Plan".





# The Road Safety Monitoring Centre & Information system





## Actions towards Vulnerable users!

For the “*Second Action Plan 2013*”, Rome Municipality is taking care of the theme of vulnerable users safeguard

Globally pedestrians, cyclist and powered two-wheelers represent the **65% of casualties**.

Through national and regional funding, Road Safety Centre has recently launched the project:

**“Transversal and specific Actions for vulnerable users protection in line with the PCSS”.**



## The safety project for vulnerable users

The goal is increasing the levels of safety, particularly for pedestrians and cyclists, children and elderly people, with a series of actions aimed at:

- 1) Strengthening the road safety management with a deep analysis of road accidents and black spots. **Drafting of a Manual for designing routes for cyclist and pedestrians;**
- 2) **Increasing vulnerable users awareness on road safety**, through training and information in primary and secondary schools, an awareness campaign for the whole Citizenship and specific for elderly, technical meetings and seminars; dissemination of initiatives through the web;
- 3) **Keep in safety the territories and the routes**, through the design and implementation of road safety intervention, testing technologies, and innovative road signs; strengthening the controls on the basis of programs coordinated with the Local Police.

## The safety project for vulnerable users: stakeholders

In addition to the Department for Mobility and Transport of Rome Municipality, the project also involves **other areas of the Municipality** (Departments of Environment, Urban Infrastructure Development and Maintenance, Local Police, Technical Office of the Municipality).

The activation of a **“Shared Procedure”** at various stages of the Project, will involve all operators of the sector to enhance the specific actions.

As a consequence, **other Bodies** (Universities, NGOs, Users Associations, ecc) will be involved according to specific operative Plan in order to capitalize experiences and time savings for all Actors





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STRADALE

2012 / 2020



ROMA SI MUOVE SICURA



ROMA  
CAPITALE  
Assessorato a e Po tute de a Mobilità  
D paracurza Nita da u Tmatori



mobilità

ROMA



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Thank You for your attention

