



CiViTAS
Cleaner and better transport in cities

CARAVEL
GENOVA • KRAKÓW • BURGOS • STUTTGART

A New Culture of Environmentally Friendly Mobility in Cities (CIVITAS-CARAVEL)

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CIVITAS-CARAVEL **- Travelling towards a new mobility -**

“The participating cities intend to establish a new culture for clean mobility in European cities in support of sustainable development, citizens well being and safe access for all”.

Four participating cities

Burgos (17 measures), Genoa (leading city) (14 measures), Krakow (18 measures), Stuttgart (5 measures)

Timeframe

01.02.2005 - 31.01.2009

Total cost

29,8 million €, 13,2 million € co-funding from the CIVITAS II Programme



Integrated Access Restriction Strategy

- **Objective:**

Installation of a clean traffic-free zone in the historic city centre.

- **Solution:**

Restricted-access zone equipped with electronic bollards.

- **Implementation:**

In 2006 in total 16 electronic bollards were implemented, changing 4 km² of the city to a pedestrian friendly environment.

The implementation was prepared by a series of in total 50 stakeholder meetings which ensured the acceptance of the system.

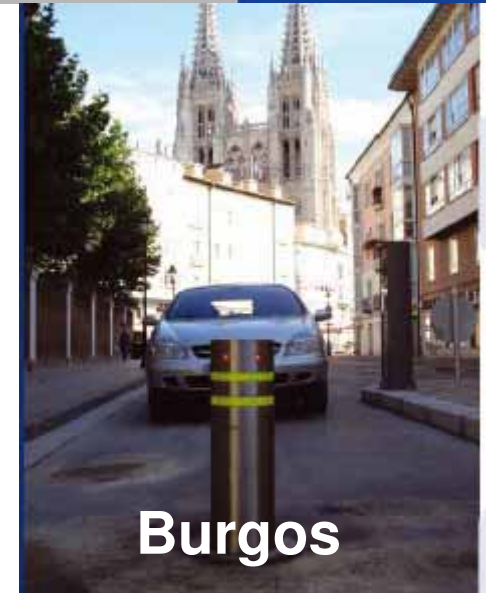
- **Results:**

The system works very well!

The centre of Burgos gained a lot of quality of life!

- **Impact on Urban Transport Planning in Burgos:**

An intensive stakeholder involvement is nowadays part of all transport projects in Burgos.

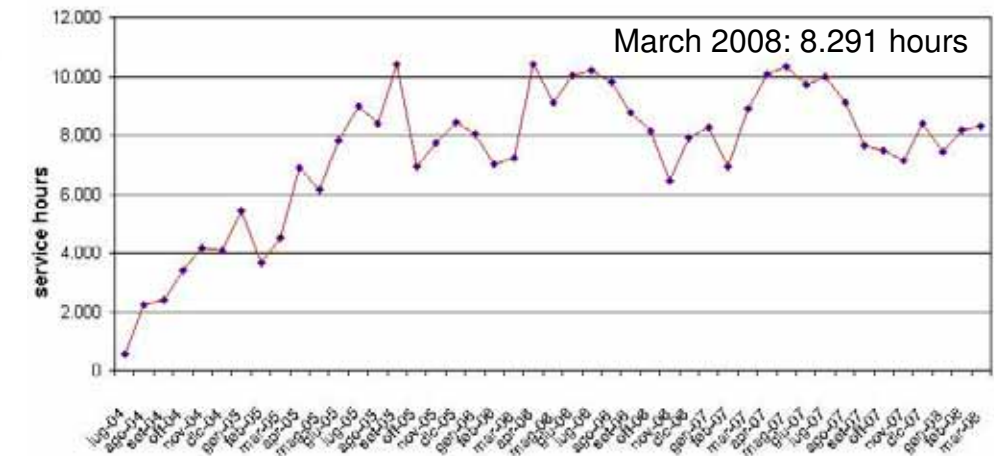
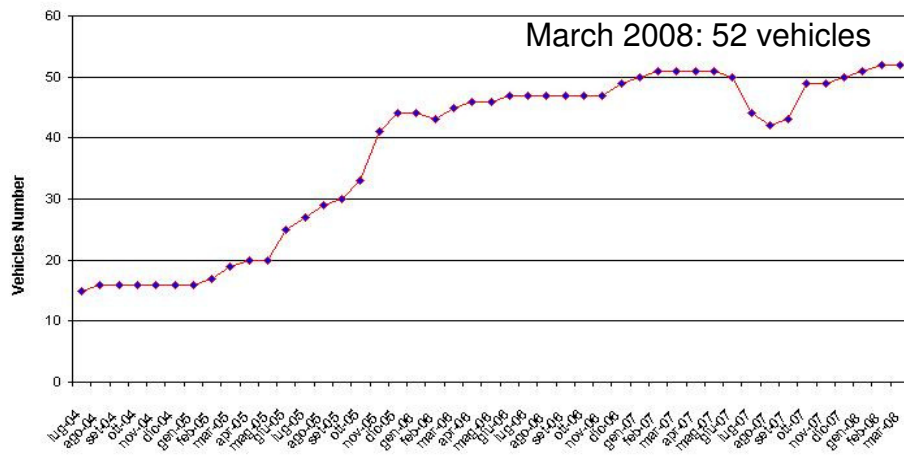
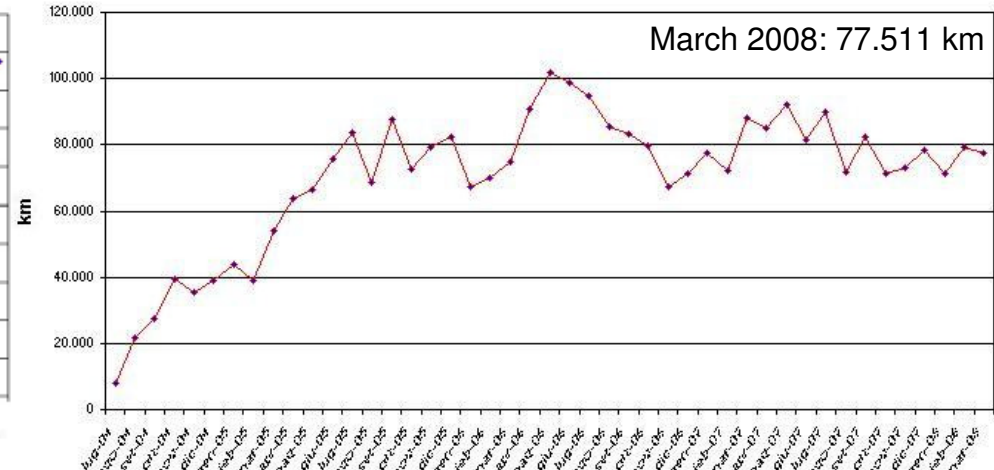
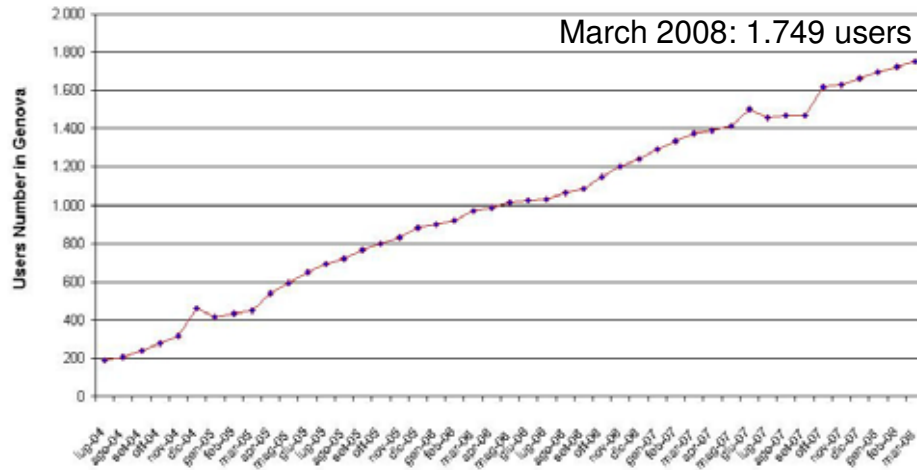


The CAR SHARING Service in Genoa

- **Objective:**
Sustainability in transport.
- **Solution:**
Improvement and diffusion of car sharing to make it a diffused mobility service fully integrated within the city transport system.
- **Implementation:**
Extension of car sharing service in Genoa (new parking places and low emission vehicles (25% of CS fleet is powered by hybrid or bi-fuel engines)).
Promotion of the service towards the citizens and the companies.
Use of car sharing service by the Municipality of Genoa.
Special service for impaired persons.
Use of car sharing service for goods distribution in the central area of the city (which is a LTZ).
Detailed analysis of the behaviour of car sharing users and their change of attitudes in mobility.

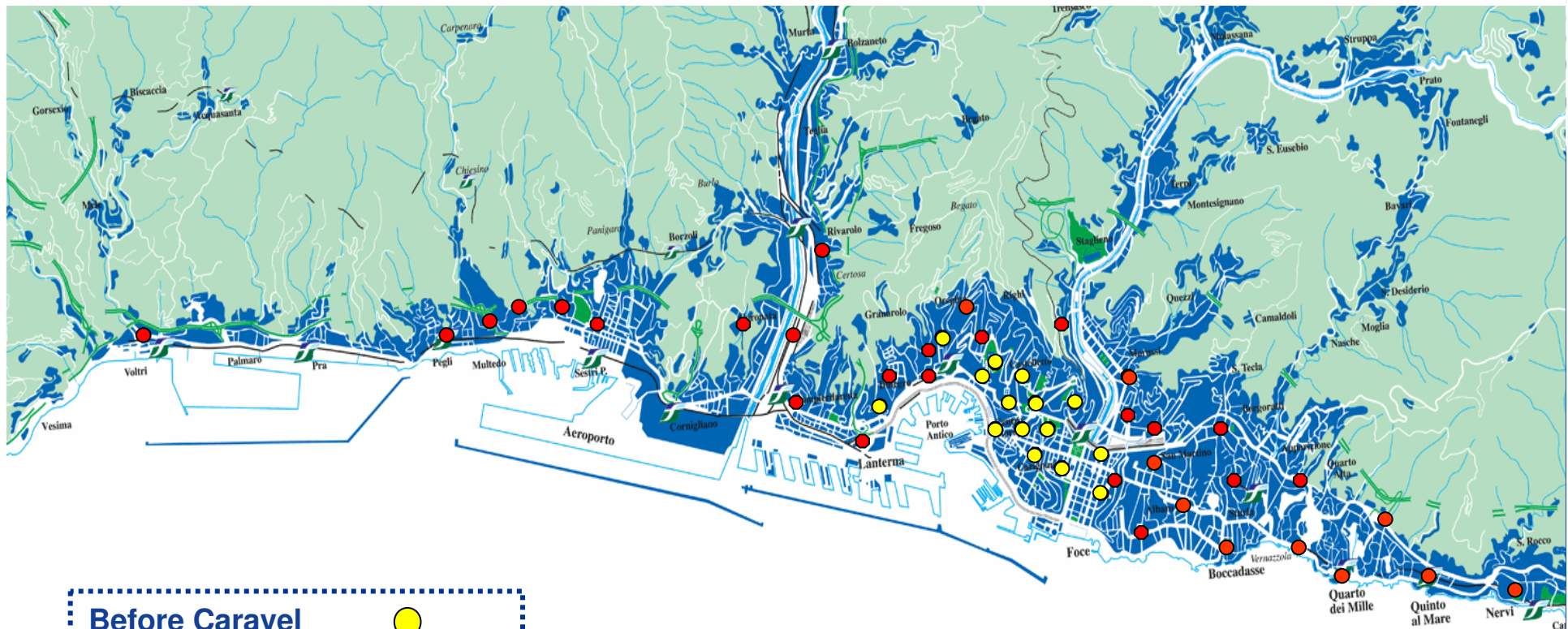


Some results:



Impact on Urban Transport Planning in Genoa:

- A new service for citizens fully integrated with the public transport network covering a wide part of the urban area.
- Increase of public transport quality and sustainability (lower pollution levels).
- Supporting a new culture of the use of cars.



Mobility Plan for the Technical University

- **Objective:**

Changing the mobility behaviour of students and employees towards sustainable transport modes.

- **Solution:**

Implementation of a *mobility consultant* at the university.

- **Implementation:**

2.000 students & employees interviewed about their daily travel needs

Attractive events promoting environmental friendly mobility.

Improvement of Public Transport and of the cycle paths around the university campuses.

Reorganisation of parking and launching the first car pooling service in Poland.

- **Results:**

„Environmental friendly mobility“ is an issue in the daily life of the university!

Impact on Urban Transport Planning in Krakow:

Municipality of Krakow starts now with similar activities within its urban transport policy!

General improvement of quality of transport planning in Krakow.



Event Oriented Traffic Management

- **Objective:**

Improvement of the traffic situation in case of events or traffic disturbances by incidents.

- **Solution:**

The Integrated Traffic Management Centre (ITMC) within the Security and Mobility Management Centre (SIMOS).

- **Implementation:**

Operation started in April 2006, shortly afterwards additional components of the system, like a parking guidance system or a dynamic lane signalization near the main event area Neckarpark in Stuttgart followed.

Just now the ITMC opened its website to offer information by the internet.

Close cooperation with the rescue services, fire brigade, urban transport service and traffic controll.

- **Results:**

The system proofed several times that it is working very well enabling a really smooth traffic flow without major traffic jams even at big events!

- **Impact on Urban Transport Planning in Stuttgart:**

The ITMC is a fixed part of all transport related planning in Stuttgart. Step by step the tasks and the features of the ITMC will be enlarged.



CARAVEL is on a good way!

- **All the measures are implemented and working.**
- **The combination of a broad variety of approaches, like technical, organisational, marketing or political approaches, leads to a more environmentally friendly mobility in our cities.**
- **A strong political commitment guarantees the success.**
- **The added value of CARAVEL: the European project allows the transfer of successful measures and know-how from one city to another.**
- **The cooperation among cities helps to achieve the ambitious goals of a sustainable urban mobility.**

Thank you

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