



CiViTAS
Cleaner and better transport in cities

CARAVEL
GENOVA • KRAKÓW • BURGOS • STUTT GART

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 in Burgos

- **Objective:**

To establish 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 5 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 systems 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:**

The increase of transport sustainability in Genoa by the car sharing strategy

- **Solution:**

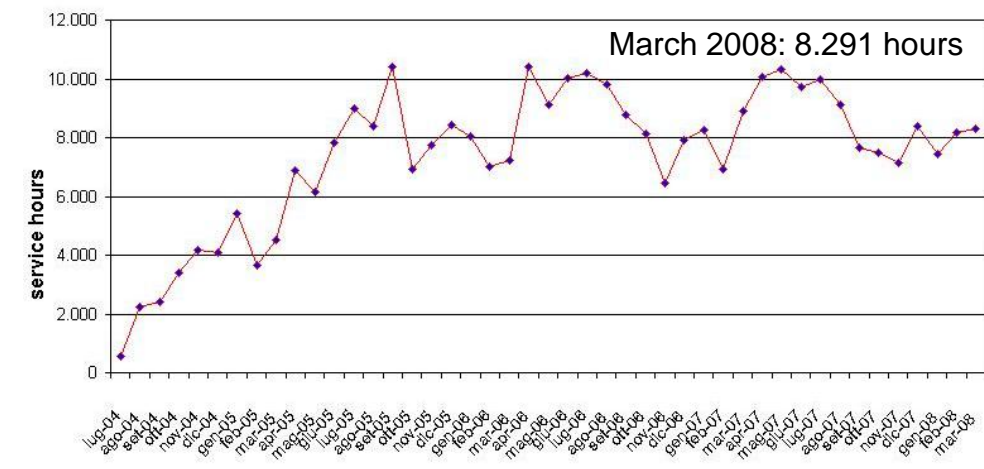
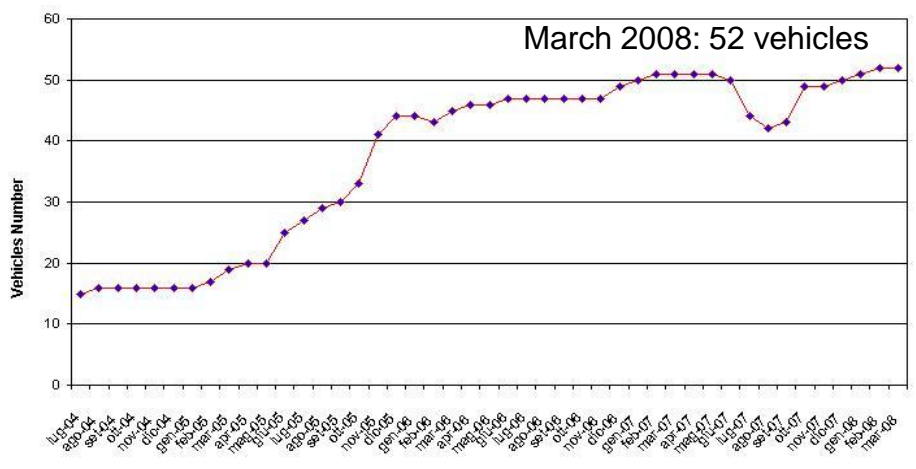
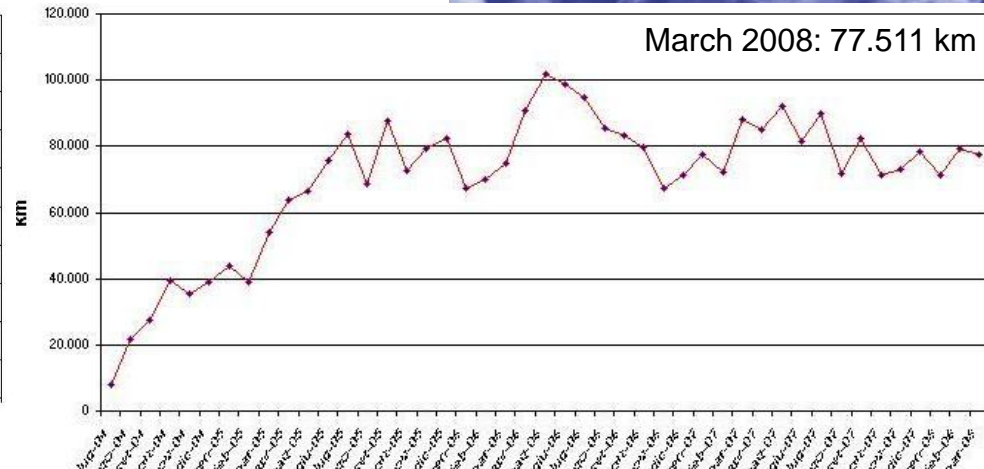
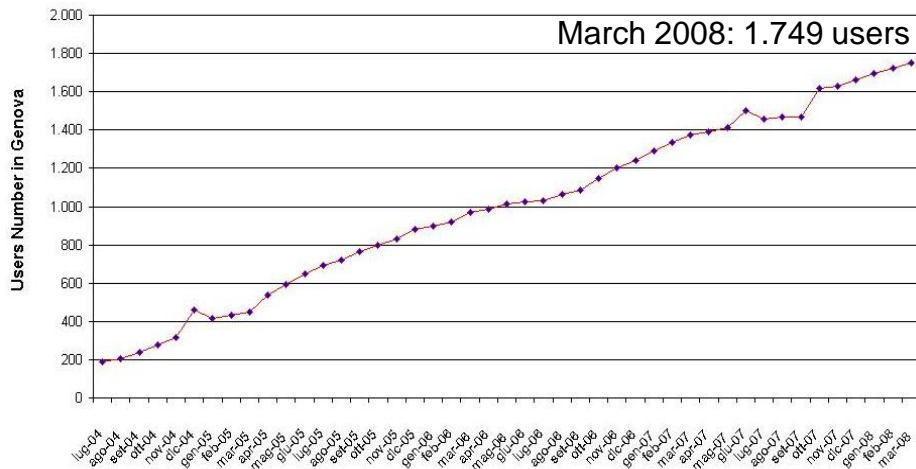
The improvement and diffusion of car sharing in Genoa to make it a diffused mobility service fully integrated within the city transport system

- **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
- A special action for making possible to impaired persons the use of car sharing service
- Use of car sharing service by the Municipality of Genoa
- Introduction of the 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.

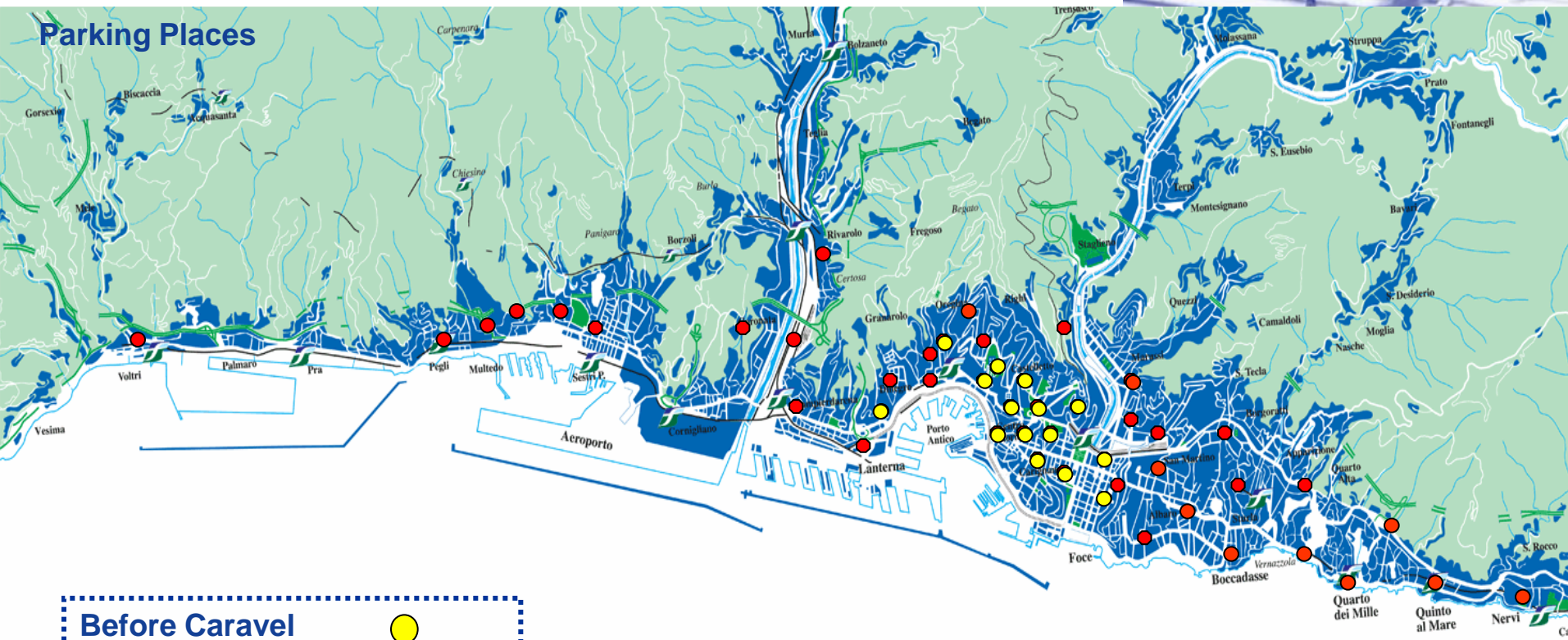


• **Some results:**



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



Before Caravel	●
End of Caravel	● ●



Integrated Mobility Plan for the Technical University in Krakow

- **Objective:**

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

- **Solution:**

Creation of the position of a mobility consultant at the university.

To implement a Mobility Plan specifically targeted to University

- **Implementation:**

- Inquiries on 2.000 students and employees about their problems and needs related to their daily travel to the university.

- Realisation of several events to improve the awareness of the importance of environmental friendly mobility.

- Implementation of „traditional“ measures like the improvement of Public Transport and of the cycle paths around the university campuses, reorganisation of parking or car pooling.

- **Results:**

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

After the good success new Mobility plans have been requested by other Bodies (first of all Municipality of Krakow)

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

- New scheme of p.t. routes and connections for the PK campuses

- New organisation of bike lanes in the city



Event Oriented Traffic Management in Stuttgart

- **Objective:**

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

- **Solution:**

The Integrated Traffic Management Centre (ITMC).

- **Implementation:**

The ITMC started operation 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.

- **Results:**

The system proved 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.



CIVITAS CARAVEL is on a good way!

Nearly all the measures are already implemented and working.

CIVITAS CARAVEL shows that 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.

To be that successful a strong political commitment is necessary.

An European project like CIVITAS CARAVEL offers the chance to transfer successful measures from one city to another.

The cooperation within cities helps to achieve the goals initially set.



Thank you

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