Mobility in our cities

- Congestion
- Pollution
- Traffic accidents

Resulting in a decreasing quality of living
CityMobil Objectives

- A more effective and sustainable organization of urban transport
- A more rational use of motorized traffic with:
  - Less congestion
  - Safer driving
  - Higher quality of living
  - Enhanced integration with spatial development

By implementing automated transport in urban areas
Facts and Figures

Project start: May 1, 2006
Project duration: 5.5 years
Coordinator: TNO
No. of Partners: 29
Project Budget: 40 million Euros
EU funding: 11 million Euros
Budget division: About 40% for demo’s
               About 60% for R&D
Examples of Advanced Transport Systems

Cybercars

Advanced city vehicles

Advanced Buses

Personal Rapid transit
How did we try to reach the objectives

- 3 large scale implementations of advanced transport systems
- A number of showcases and studies into real city applications
- An R&D program to support the demonstrations and to address unresolved questions
City Demos: Heathrow
City Demos: Castellón

An advanced bus system that connects the university, the city centre of Castellón and the coast.
City Demos: Castellón
City Demos: Rome

A cybercar system that connects the car park with the entrance of the new Rome Exhibition buildings
City Demos: Rome

- 29 passengers;
- Max speed: 24 km/h;
- Obstacle detection systems: laser scanner and bumper switches.
La Rochelle small demo
CityMobil Showcases

Daventry Oct. 2007
La Rochelle Sep. 2008
Vantaa May 2009
Trondheim Aug. 2009
Orta San Giulio May 2010
CityMobil City Studies

CityMobil City studies

Uppsala (SE)
Feasibility study of a pilot PRT system in the Uppsala Boländerna district

Sophia Antipolis (FR)
Scenario study into the possibilities of an innovative connection between the Antibes Rail station and the Sophia Antipolis cluster
CityMobil R&D programme

Focus on: Identifying and taking away barriers and developing tools

Four sub-projects:
- Future scenarios
- Technological issues
- Operational issues
- Evaluation
THANK YOU

For information
CITYMOBIL Website:
www.citymobil-project.eu