Objectives

All activities related to the demonstrations are covered in sub-project 1. The demonstrations serve as a laboratory for developing and evaluating solutions and as a source for identifying problems that can be addressed in the project. Additionally, the awareness of European cities about new forms of urban transportation based on cybercars and advanced city vehicles is to be raised by the demonstrations. Different types of activities are considered:

- Three large scale city demonstrations
- Showcases in several cities

The Heathrow demonstration presents the implementation of a PRT system (Personal Rapid Transit) at Heathrow Airport. The ULTRA system consists of small automatic electric vehicles (4 seats) that will transport people on demand non-stop from the car park to the new Terminal 5.

The Rome demonstration is a short distance transport service using small automated vehicles, cybercars (20 seats), to collect people from the car-park and to bring them to the entrance of the new Rome exhibition building.

The Castellón demonstration is an implementation of a hybrid transport system connecting the cities of Castellón - the university and city centre - and Benicassim at the seaside. The guided bus/tramway takes over the steering task from the bus driver for parts of the route, so that much less road space is required.

Showcases and small demonstrations are organised in several cities (Daventry, La Rochelle, Genova, Hyvinkää, Trondheim, Lausanne) to study the advantages of cybercars and advanced city vehicles and to raise the awareness of the cities and citizens about these new forms of urban transportation.

SP 1 partners:

ATS, ATAC, CRF, DITS, ENQ, ETRA, GEA, Generalitat Valenciana, Fundación Comunidad Valenciana - Región Europa, INRIA, IKA, ITS, ITR, Municipality of Rome, Robosoft, TNO, TRW