Objectives

The aim of this subproject is to identify the elements and the required organisational arrangements of Advanced Urban Transport Systems in order to improve the transport efficiency, reduce congestion, reduce the impact on the environment etc. Hence, methods and tools, from infrastructure planning to real time fleet management, are involved in the operational management of the new transport systems proposed by CityMobil.

Activities

This sub-project extends the current requirements, strategies and policies to the new Advanced Urban Transport systems that CityMobil is studying. The challenge is not only to achieve a LOS (Level of Service) comparable to the one proposed by the current transport modes, but also to improve it. Furthermore, new systems demand new solutions and new scenarios demand new strategies that have to be developed within this sub-project.

A graphical overview of the elements and processes involved in urban mobility has been produced, as seen in the adjacent figure. The figure reflects the 8 main functional areas whose ultimate goal is moving people and goods efficiently and safely without undue adverse effects on the environment.

SP 4 partners:

CRF, CSST, DLR, ETRA I+D, SINTEF, TNO, TRG