

CityMobil

More than a hundred cities throughout the world are expected to achieve megalopolis status of over ten million inhabitants during the next fifty years or so. Furthermore, many smaller cities are likely to face bleak prospects unless they are connected to major urban centres. These cities of tomorrow will need integrated traffic solutions that are able to provide the required mobility in an efficient, safe and economically viable manner. It is inevitable that automation, in all its possible forms from providing information at one end of the spectrum to fully autonomous driving at the other, will play a major role.

The objective of the CityMobil project is to achieve more effective organisation of urban transport, resulting in a more rational use of motorised traffic with less congestion and pollution, safer driving, a higher quality of living and enhanced integration with spatial development. This objective is brought closer by developing integrated traffic solutions: advanced concepts for innovative autonomous and automated road vehicles for passengers and goods, embedded in an advanced spatial setting.

As a result of the CityMobil project, large-scale implementations of automated transport systems will feature in three European urban centres, with a number of smaller short-term events boosting the knowledge of all the stakeholders about the possibilities and prospects of automated transport. The research and development programme will identify and address a number of barriers of various natures (technological, administrative, legal, integration in existing infrastructures).

TNO is acting as overall project coordinator for the CityMobil project that runs through till 2011. In addition, TNO is involved in a number of the research activities, more particularly in the fields of human factors, scenario development, sustainability and safety/certification.

Integrated Project

2006 - 2011

TNO Budget/Total EC Budget: EUR 1.656.000 / 11.000.000

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