



Competitive and Sustainable Growth Programme

## **PROGRESS Project 2000-CM.10390**

**PRICING ROAD USE FOR GREATER RESPONSIBILITY, EFFICIENCY AND SUSTAINABILITY IN CITIES**

Bristol • Copenhagen • Edinburgh • Genoa • Gothenburg • Helsinki • Rome • Trondheim



**WP2 - Scheme Design and Development  
Deliverable D3.1  
Draft Specifications**

**Version 3.0  
July 2001**

## EXECUTIVE SUMMARY

The PRoGRESS WP2 (Scheme Design and Development) main objective is:

*“To develop integrated urban transport pricing schemes based on the concept of marginal-cost pricing, in the real urban situations of the cities of Bristol, Copenhagen, Edinburgh, Genoa, Gothenburg, Helsinki, Rome, and Trondheim.”*

Therefore, the relevant Deliverables D3.1 (Draft Scheme Specifications) and D3.2 (Final Scheme Specifications) include the descriptions of the various types of pricing schemes to be adopted in the 8 different urban contexts and all information related to the design process performed in order to develop the 8 PRoGRESS demonstration activities.

Aspects like urban context and layout description, mobility database, modelling, mobility simulation, technology description, software specifications, system integration, pricing scheme development, system testing and validation planning, and demonstration organisation will be treated within these two deliverables. The final aims of these two deliverables are to prepare a complete design basis for the implementation of the demonstration systems and the development of the demonstration sessions, and to provide these data in an almost uniform manner in order to facilitate the evaluation phase.

This Deliverable D3.1 (Preliminary Scheme design and Specifications) contains, for all cities, a description of: city urban and mobility contexts (Chapters 2), envisaged pricing schemes (Chapters 3), and envisaged complementary measures (Chapters 4). Modelling and simulation of pricing schemes (Chapters 5) are at present at different levels of development: preliminary simulations done for Copenhagen, Genoa, Gothenburg, Helsinki; methodological and background data presentation only for Bristol, Edinburgh, Rome; no modelling done so far for Trondheim.

In the final Chapter 6 (comparative analysis) only a preliminary definition of scheme parameters to be subsequently compared among the 8 city RP schemes is presented.

In order to compare the basic characteristics of the RP schemes proposed by the 8 cities, a set of basic design parameters have been selected. At the stage of Deliverable D3.1, the amount of available data is not sufficient to include all values for all the cities (since simulation results are needed), and therefore to perform a complete comparative analysis. This activity will be done later and reported in final Deliverable D3.2.

The forthcoming Deliverable D3.2 will include the final updated designs of RP schemes and presentation of modeling/simulation work and outcomes performed by all cities.