

**Logistics Systems for Sustainable Cities
Proceedings of the 3rd International Conference on City Logistics
(Madeira, Portugal, 25-27 June, 2003)**

BREWER, BUTTON & HENSHER (eds.) Handbook of Logistics and Supply-Chain Management

GIFFORD Flexible Urban Transportation

HENSHER & BUTTON (eds.) Handbook of Transport Modelling

ROOT (ed.) Delivering Sustainable Transport

TANIGUCHI et al (eds) City Logistics: Network Modelling and Intelligent Transportation Systems

Logistics Systems for Sustainable Cities

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INVESTOR IN PEOPLE

PREFACE

Following the First and Second International Conferences on City Logistics that took place on 12th – 14th July 1999 in Cairns, Australia, and in Okinawa, Japan on 27th – 29th June 2001, the Institute for City Logistics organised the Third International Conference on City Logistics in Madeira, Portugal on 25th – 27th June 2003.

Urban freight transport has become an important issue in urban planning. There are many challenges and problems relating to increasing levels of traffic congestion, environmental impacts and energy conservation. In addition, freight carriers are expected to provide higher levels of service with lower costs. To address these complicated and difficult problems, numerous city logistics schemes have been proposed and implemented in several cities, including: co-operative freight transport systems, advanced information systems, public freight terminals and the regulation of load factors. City logistics schemes are relatively new concepts that are aimed increasing the efficiency of urban freight transport systems as well reducing traffic congestion and impacts on the environment. However, new modelling, evaluation and planning techniques are required to conduct in-depth investigations before city logistics schemes can be effectively deployed.

This proceedings book includes recent developments in the modelling, evaluation and planning of city logistics schemes. Since city logistics schemes have already been implemented in several cities, a review of the performance of these schemes was presented and discussed. As well, an overview of the visions for city logistics and public private partnerships for city logistics was given.

Recent developments in ICT (Information Communication Technology) and ITS (Intelligent Transport Systems) allows the efficiency of freight transport systems to be improved. ICT and ITS applications can integrate components for more efficient urban freight transport by private companies with transport policies oriented towards better urban environments promoted by the public sector. Therefore, ICT and ITS have good potential to promote public private partnerships for solving urban freight problems.

We believe that this proceedings book covers wide range of important features of city logistics. It will help researchers, students and administrators to understand the current status of urban freight transport issues, models, evaluation methods and planning. We hope that the ideas and perspectives contained in this book will encourage people to research and implement schemes for creating more efficient and environmentally friendly logistics systems for sustainable cities.

The Institute for City Logistics (<http://www.citylogistics.org>) has been active in undertaking research and development, organising conferences, workshops and short courses as well as publishing books in the area of city logistics. The Institute provides a platform for promoting exchanging knowledge, applying the new ideas and methods in modelling, evaluating and planning city logistics schemes. The Fourth International Conference on City Logistics will be organised by the Institute in 2005.

We would like to express our heartiest appreciation to all the authors of papers submitted to the conference for their contributions and to the members of organising committee for their help in organising the conference.

Eiichi Taniguchi
Russell G. Thompson
October 2003

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