



INVITATION

SECOND ANNOUNCEMENT

THE 2:ND CONFERENCE ON

FUTURE URBAN TRANSPORT

"HOW TO COPE WITH THE
COMPLEXITY OF URBAN
TRANSPORT DEVELOPMENT"

SEPTEMBER 22–24, 2003
GÖTEBORG, SWEDEN
WITH AN ACADEMIC WORKSHOP
ON SEPTEMBER 21

International conference for analysts (planners, researchers, engineers) and actors (politicians, industrialists, environmentalists, financiers) to discuss the needs and opportunities to change the future development of urban transport, identifying the barriers and promoters.

The conference is organised by
Volvo Research and Educational Foundations.

Introduction

Within the next 25 to 30 years, about 75 % of the world's population will be living in urban areas. This generates increasing demands for efficient and sustainable transportation systems - for people and goods. If these demands are not dealt with, the result will be more congestion, more environmental problems and more accidents. In the developing countries, road traffic is already one of the leading causes of injury and death.

In order to meet future needs for efficient, safe, equitable and sustainable means of transportation and mobility – regarded by many as a fundamental human right and a high-ranking quality-of-life factor – new solutions are needed, solutions that require research and action. In order to cope with the complexity of urban transport, close co-operation is required between different actors (the public, politicians, city planners, industry, etc.) and analysts (researchers, engineers, etc). Research in this area must, by necessity, be multidisciplinary and/or interdisciplinary, based upon global as well as regional perspectives, where technical as well as economic and societal changes are incorporated in the research agenda.



Objective of the conference

The major objective of this second conference is to create a meeting place and a forum for debate for those engaged in:

- analysing the complex character of urban transport development
- meeting the challenge of how to solve current problems
- identifying how to support the necessary process of change towards efficient, safe, equitable and sustainable urban transport systems.

Session moderators

Dr Nicholas Low

University of Melbourne, Melbourne, Australia

Professor Harry Dimitriou

The Bartlett, Faculty of the Built Environment, University College London, UK

Session speakers

<i>Ms Fifi Arif</i> , Independent Transport Analyst, Malaysia	Session 1
<i>Professor Robert Cervero</i> , University of California, USA	2
<i>Mr John Flora</i> , The World Bank, USA	3
<i>Mr Leif Johansson</i> , President of AB Volvo and CEO of the Volvo Group, Sweden	3
<i>Professor Arne Kaiser</i> , Royal Institute of Technology, Sweden	3
<i>Dr Paul Mees</i> , University of Melbourne, Australia	1
<i>Dr Vinand Nantulya</i> , Harvard Center for Population and Development Studies, USA	2
<i>Mr Hans-Olov Olsson</i> , CEO of the Volvo Car Corporation, Sweden	
<i>Mr José-Luis Samaniego-Leyva</i> , Shell International, Mexico	2
<i>Ms Beatrice Schell</i> , Director, European Federation of Transport and Environment, Belgium	3
<i>Mr Ethan Seltzer</i> , Director, Portland State University, USA	3
<i>Dr Geetam Tiwari</i> , Indian Institute of Technology, India	2
<i>Professor John Whitelegg</i> , John Moores University, UK	2
<i>Mr Hans Örn</i> , President of Contrans AB, Sweden	1



Conference Programme

ACADEMIC WORKSHOP

Saturday, September 20

Welcome reception buffet 19.00-22.00 at Göteborg Convention Centre (Svenska Mässan) for academic workshop participants and other conference participants arriving early.

Sunday, September 21

Read more about the workshop programme on **page 13**

FUTURE URBAN TRANSPORT CONFERENCE

Sunday, September 21

Welcome reception 19.00-22.00 and conference registration at Göteborg Convention Centre (Svenska Mässan) for FUTURE URBAN TRANSPORT conference participants.

Monday, September 22

Conference opening at 09.00

Session 1 and session 2, read more on **page 8-9**

Tuesday, September 23

Session 3 and session 4, read more on **page 10-11**

Wednesday, September 24

Session 5 and conference summary, read more on **page 12**

Conference closing at 14.30

train passenger



The academic workshop aims primarily at bringing together people from the academic community and participants in research programmes/projects supported by the Volvo Research and Educational Foundations.



Planners, researchers, engineers, politicians, industrialists, environmentalists, financiers come together to discuss the needs and opportunities to change the future development of urban transport, identifying the barriers and promoters.

Session 1

Analytical perspectives on the complexity of urban transport.

Session 2

Analytical perspectives of various actors on attempts to find solutions to the complexity.

Session 3

The complex change process as understood by some important actors.

Session 4

How to cope with the complexity of urban transport development: A general debate.

Session 5

How do we proceed from here?



leisure

Monday, September 22

FUTURE URBAN TRANSPORT

Monday, September 22

Conference opening

Opening of the conference by *Dr hc Arne Wittlöf*, Chairman of the Board of the Volvo Research and Educational Foundations.

Presentation of outcome of previous conference and ongoing activities supported by the Volvo Research and Educational Foundations by *Professor Bengt Kasemo*, *Chairman of the Scientific Council of the Volvo Research and Educational Foundations*.

Professor Emin Tengström, Member of the Scientific Council of the Volvo Research and Educational Foundations:

"On the words complex and complexity and their use during the conference"

Session 1

Analytical perspectives on the complexity of urban transport

Moderator: *Dr Nicholas Low*, University of Melbourne, Australia

Some examples of complex urban transport situations and their socio-historical background will be analysed. Snapshots of real situations and problems will be presented including the original situation, the present situation and expected developments in different cities. As various problems of local urban transportation are interlinked in a complex way, the speakers will give analyses of this complexity in the urban and local context. There will be time for short questions after each presentation.

The session concludes with brief comments on what is general and what is specific in the chosen examples.

Dr Paul Mees, University of Melbourne, Australia:

"A comparison of the urban transport systems in Melbourne and Toronto"

Ms Fifi Arif, independent transport analyst, Malaysia:

"The application of a Western urban transport system in Jakarta"

Mr Hans Örn, President of Contrans AB, Sweden:

"Urban public transport in an international perspective using Kingstone, Jamaica as a case study"

Summary

Session 2

Analytical perspectives on the attempts of various actors to find solutions to the complexity.

Moderator: *Dr Nicholas Low*, University of Melbourne, Australia.

This session is dedicated to descriptions of attempts to promote a positive development trend within urban transport identifying factors such as historical decisions, local traditions and innovative capabilities. Both examples of success stories and examples of failures will be used in order to provide knowledge of different perspectives. There will be time for short questions after each presentation.

The session concludes with brief comments on what is general and what is specific in the chosen examples.

Professor Robert Cervero, College of Environmental Design, University of California, Berkeley, USA:

“Progress in coping with complex urban transport problems in the USA”

Mr José-Luis Samaniego-Leyva, Shell International Media Relations, Mexico:

“Examples of positive changes of complex urban transport problems in Mexico”

Dr Vinand Nantulya, Harvard Center for Population and Development Studies, USA:

“Examples of positive changes of complex urban transport problems in Africa”

Dr Geetam Tiwari, Transportation Research and Injury Prevention Programme (TRIPP), Indian Institute of Technology, India:

“Self organising Systems and Innovations in Urban Transports in Asia”

Professor John Whitelegg, John Moores University in Liverpool, UK:

“Examples of positive changes of complex urban transport problems in Europe”

Summary

Social activities and dinner at Liseberg Park.

Key-note speaker:

Mr Hans-Olov Olsson, President and CEO Volvo Car Corporation.



industry

Tuesday, September 23

FUTURE URBAN TRANSPORT

Tuesday, September 23

Session 3

The complex change process as understood by some important actors.

Moderator: *Professor Harry Dimitriou*, The Bartlett, Faculty of the Built Environment, University College London, UK.

The theme is how dominant actors in different parts of the world have acted to influence the complex problems of urban transport and how they have acted to initiate processes leading to successful implementation of chosen solutions, processes not characterised by interaction failures. During the same session, actors representing industry, finance and the environment will present their views.

Dr Jane Summerton, University of Linköping, Sweden (to be confirmed):

"How to describe large technical systems and their changes over time"

Mr John Flora, The World Bank, Transport and Urban Development Department, Washington DC, USA:

"The role of finance in meeting the challenges of complex urban transport"

A Japanese representative (to be confirmed):

"Successful actions to meet the challenges of complex urban transport in Japan"

Director Beatrice Schell, European Federation of Transport and Environment, Brussels, Belgium:

"Successful actions to meet the challenges of complex urban transport in Europe"

Director Ethan Seltzer, Portland State University, USA:

"Successful actions to meet the challenges of complex urban transport in Portland, Oregon, USA"

Mr Leif Johansson, President of AB Volvo and CEO of the Volvo Group, Sweden:

"Facing challenges of urban transport"

Professor Arne Kaiser, Royal Institute of Technology, Stockholm, Sweden:

"Some comments of the presentations in the light of the theory of large technical systems"

Session 4

How to cope with the complexity of urban transport development?
A general debate.

Moderator: *Professor Harry Dimitriou*, The Bartlett, Faculty of the Built Environment,
University College London, UK.

**The members of the audience are invited to express their views on how
the complexity of urban transport development should and can be handled
within different political and cultural contexts throughout the world.**

Introduction by *Professor Harry Dimitriou*, The Bartlett, Faculty of the Built Environment,
University College London, UK.

Open general discussion.

Summary

Dinner at The City Hall (Börsen).



ACADEMIC WORKSHOP

Sunday, September 21.

Session

The academic workshop aims primarily at bringing together people from the academic community and participants in research programmes/projects supported by the Volvo Research and Educational Foundations. Of course, all other conference participants are also encouraged to take part. It will be possible for participants to give presentations (oral or poster) after acceptance of abstract during the workshop. The oral presentations will be followed by discussions.

Opening of the Academic workshop by *Professor Bengt Kasemo*, Chairman of the Scientific Council of the Volvo Educational and Research Foundations.

Key-note lecture by *Professor David Marks*, MIT Laboratory for Energy and the Environment, Boston, USA:

“Academic studies of complex engineered systems and how this new knowledge can be used to improve education and practice”

Presentations and open discussions (programme pending on abstract submission).

Lunch at Göteborg Convention Centre.

Presentations and open discussions (programme pending on abstract submission).

Volvo Research and Educational Foundations

Since 2000 the Volvo Research and Educational Foundations (VREF) are focusing their funding activities on Future Urban Transport (FUT). The vision is to create a high quality international research and educational programme, and an attractive meeting place for the main actors in the FUT area. The ultimate goal of the programme is to increase accessibility and efficiency, as well as promote environmental and societal sustainability. The main theme is "how to cope with the complexity of urban transport development".

The three corner stones of the FUT programme are:

- a number of globally distributed Centres of Excellence
- a somewhat greater number of smaller international research projects
- recurring international FUT conferences

The idea behind the interdisciplinary Centres of Excellence is to improve the conditions for those researchers who want to co-operate in order to develop new and better knowledge about how to cope with the increasing complexity of the transport problems in larger urban areas. They are expected to organise and carry out high-quality interdisciplinary studies, stimulate a combination of knowledge and action in real urban contexts and become self-sustaining after the VREF funding period of approx. 5 years.

The smaller research projects offer a possibility for researchers to apply for projects related to key aspects of future urban transport. The grants will cover the cost of (typically) one individual researcher (usually a graduate student or postdoc) for two years (extension by an additional two-year period is possible).

The international FUT conferences, organised by the Scientific Council of the VREF, offer decision-makers, business and academia a new opportunity of taking part in an interactive process aiming at better understanding of the complex problems of FUT and of following what is being carried out in practice in various urban areas in different parts of the world. These conferences will also be meeting-places for those researchers who receive support from VREF.

Additional information about VREF and how to apply for research funding is found at: www.volvoresearchfoundations.com.



bridge

Conference location

The conference will be held at the Göteborg Convention Centre. For your convenience, we recommend that you stay at Hotel Gothia Towers (at the Convention Centre), where we have reserved rooms at a discount rate (single room 990 SEK/night and double room 1390 SEK/night, including breakfast and VAT). A detailed form concerning hotel arrangements and other practicalities will be enclosed with the confirmation letter.

Göteborg Convention Centre
Hotel Gothia Towers
Mässans gata 24
SE-402 26 Göteborg, Sweden

phone: +46 - (0)31 - 750 88 00, fax: +46 - (0)31 - 750 89 80, www.gothiatowers.com/eng



Organising committee

Gunilla Bökmark, M.Sc, Project Manager of the Future Urban Transport conference

Kikki Hugestrand, Project Manager, Volvo Event Management

Gunilla Jönson, Professor, Chairman of the Conference Organising Committee

Bengt Kasemo, Professor, Chairman of the Scientific Council of VREF

Rune Landin, Director, AB Volvo

Emin Tengström, Professor emeritus, Member of the Scientific Council of VREF

Peter Thormählen, Ph.D, Coordinator of the Scientific Council of VREF

Stephen Wallman, Independent Consultant, former Director of Volvo Car Corporation

Arne Wittlöv, Ph.D hc, Chairman of the Board of VREF



Conference participation

In order to take part in the conference and academic workshop, all participants must register (see below). To promote interactivity during the conference, the total number of participants is limited to 200. The conference language is English. The conference fee includes all meals and is set at SEK 3000 (at present approximately 330 Euro or USD 290) and should be paid prior to the conference (instructions for payment will be sent when registration is confirmed). In order to promote participation by Ph.D. students, particularly from developing countries, it is possible to apply for a grant covering participation, travel and accommodation. Further information and application forms can be found on the website www.future-urban-transport.com.

Conference registration

Registration for participation is binding and the deadline is 11 August 2003. The registration form should be completed and posted to:

Mrs Kikki Hugestrand
Volvo Event Management
Dept 1630, ARHK
SE-405 08 Göteborg
Sweden

or faxed to: +46 - (0)31 - 53 84 31

Registrations will be confirmed in the order in which they are received.

Conference fee

The conference participation fee is SEK 3.000 (approx. 330 Euro or USD 290). The participation fee should be paid prior to the conference. Detailed information for payment will be given in the confirmation letter after registration.



Conference registration form

Registration forms should be completed and posted to:

Mrs Kikki Hugestrand
Volvo Event Management
Dept 1630, ARHK
SE-405 08 Göteborg, Sweden
or faxed to: +46 31 53 84 31

The number of participants is limited to 200.

Registrations will be confirmed in the order in which they are received.

The conference participation fee is SEK 3.000.

The participation fee should be paid prior to the conference. Registration is binding.

Family name _____

First name _____

Title/profession _____

Organisation/company _____

Mailing address _____

Postal (zip) code _____ City _____

Country _____

Tel country code - area code - number _____

Fax country code - area code - number _____

e-mail _____

I will also attend the Academic Workshop

I intend to submit an abstract to the Academic Workshop (deadline: May 20)

If posted, fold here!

Stamp

Mrs Kikki Hugestrand
Volvo Event Management
Dept 1630, ARHK
SE-405 08 Göteborg
Sweden



FUTURE URBAN TRANSPORT

e-mail: fut@volvo.com, phone: +46 - (0)31-66 91 06, fax: +46 - (0)31-53 84 31
www.future-urban-transport.com

Volvo Research and Educational Foundations
www.volvoresearchfoundations.com