

# Master Class

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# sustainable urban mobility

Academic *knowledge* and *practical experiences* as a guide to *implementation*

*Amsterdam 14-16 September 2009*

How can **sustainable mobility** contribute to quality of life in urban areas? This is the key question in the international master class '**Sustainable Urban Mobility**'. The modern city is confronted with many challenges concurrently: air pollution, noise, spatial segregation, congestion and a lack of accessibility. In the master class urban planning, economics, psychology and sustainability are integrated into the common fields of mobility, transport and traffic management. Participants are introduced to a new approach to **sustainable urban mobility**: the most optimal blend of economic, environmental and social solutions to the myriad of challenges we face.

Nicis Institute, Amsterdam Innovation Motor, Delft University of Technology, Transumo and Velo Mondial have joined forces in the development of this master class. The master class is supported by 'Amsterdam Cycling to Sustainability'. In the three-day programme, the expertise of the various partners is combined to offer the participants state of the art knowledge on the conceptual and practical implications of developments in the field of **sustainable mobility** in Europe's cities.

In preparation of the master class, participants provide input on background and expectations, outline the main dilemmas in their everyday working experience, and briefly describe a case they are interested in. Participants indicate what they expect to learn during the master class. Based upon this intake, participants are divided into four groups of participants that will work together on an assignment during the master class.

## **After the master class, the participant**

- Has a deeper insight in all the dimensions of the concept of sustainable mobility
- Understands the existing transport system as point of departure for implementing change
- Is able to identify opportunities for and barriers to an effective transition to sustainability
- Has learned how to effectuate change in a real life setting
- Knows how to translate good practice and lessons learnt of other cities into its own local context

## **The Masters**

Prof. dr. Bert van Wee – *Delft University of Technology*

Dr. Jan Anne Annema – *Delft University of Technology*

Prof. dr. ir. Luca Bertolini – *University of Amsterdam*

Dr. Robert Stüssi – *Mobility Consultant*



The master class is organised on different locations in Amsterdam, and offers the participants both academic knowledge and practical insights in how to implement sustainability at the street level:

## Day 1

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### **Introduction: setting the scope of the master class**

This part focuses on basic concepts of sustainable urban mobility, and introduces trends in transport and their effects on society. The complex interrelationships between the transport system, land use, people's and firms' wishes and needs are demonstrated and framed.

### **Handing out the master class assignment**

Throughout the master class participants jointly work on an assignment in order to incorporate their new insights and experiences in a practical sustainable mobility plan.

### **The urban transport system**

What does the existing urban transport system look like? What are the driving forces behind the current situation? In this part, the master class focuses on existing infrastructure, the wider urban planning system and user's behaviour. Part of this urban transport system are also the policies that already have been implemented to make the urban transport system more sustainable. The impact of these policies is reviewed.

### **Technical tour - Part I**

A technical tour in Amsterdam is planned for the evening. Participants visit the Noord-Zuidlijn (the North South Metro line that is currently being developed): an enormous infrastructural project centred around the creation of a new subway line connecting the north of the city to the south. In this project all dimensions of sustainable urban mobility are represented. The project is not completely uncontroversial: to some it is an indispensable step on the way to a sustainable Amsterdam, to others it is Amsterdam's equivalent of the 'Big Dig'.

## Day 2

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### Urban transport policy

Which policy options are available on the road to sustainable urban mobility, what are their effects and how to evaluate those policies? Three perspectives on evaluating transport policy are presented: the economists' perspective, the urban planners' perspective, and the psychologists' perspective.

### Technical tour – Part II

Continuation of the technical tour, extra time for reflection and questions on the assignment.

### Working on the assignment

Participants will work together on their assignment.

## Day 3

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### Practical implications of a transition to sustainability

The third day's topic is realisation of sustainable urban policy. In this very practical session participants learn about tools for implementation, explained by the presentation of various European practices.

### Presentation of assignment outcomes

In the afternoon participants present their assignments. They explicitly elaborate on new insights and solutions generated during the master class. This session is characterized by a high rate of interactivity and discussion.

**Location:** Lloyd Hotel, Amsterdam, the Netherlands ( [www.lloydhotel.nl](http://www.lloydhotel.nl)), and onsite.

**Date:** 14-16 September 2009

**Investment:** The participants fee is €2250. Lunch, dinner, working material and the use of a bicycle are included in the price. Travel- and hotel expenses and breakfast are not included.

For more information, please visit [www.nicis.nl](http://www.nicis.nl) or  
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Vélo Mondial



AIM Amsterdam Innovation Motor