

SUB-PLENARY ON TRANSPORT:



Introduction to the Transport track

Csaba Koren

SUB-PLENARY ON TRANSPORT:



4 streams

Policies and stakeholders

Understanding as basis for strategies

Bycycle friendly infrastructure

Campaigns & projects spread

Workshop structure

	GROUP A	GROUP B	GROUP C	GROUP D
	England	Belgium	Yugoslavia	Czech Republic
	Germany	Italy	Norway	Denmark
	Portugal	Sweden	Spain	France
	Rumania	Turkey	Slovenia	Netherlands

Workshop structure

		POLICIES & STAKEHOLDERS	UNDERSTANDING AS BASIS FOR EFFECTIVE STRATEGIES	BICYCLE FRIENDLY INFRASTRUCTURE	CAMPAIGNS & PROJECTS
Monday	16.00	1	2	3	4
	14.30	9	10	11	12
Tuesday	16.00	17	18	19	20
	14.00	25	26	27	28
Wednesday	16.00	33	34	35	36
	09.00	41	42	43	44
Thursday	11.00	49	50	51	52
	14.00	57	58	59	60



Monday

16.00

**TRANSPORT
POLICIES & STAKEHOLDERS**

**John Merory
Stuart Goldsmith**

Tr. 1.1. Honey or vinegar?

- Carrots or sticks?
- Promote cycling or discourage car usage?
- Which come first?
- A list of measures used but failed in the USA
- Cultural factors
- Australian examples
- Community groups
- Confrontation vs. cooperation
- Systems thinking approach

Monday

16.00

**TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES**

**Alex Sully
Bruce Landis**

Tr. 1.2. Why are people cycling?

Forecasts for use.

- Fear of bicycle theft
- Electronically controlled parking system
- Belgian case study
- Role of the railway company

- Bicycle travel demand models
- Latent demand
- Higher role of impedances
- Demand segments
- Formulae

Monday

16.00

**TRANSPORT
BICYCLE FRIENDLY INFRASTRUCTURE**

**Andrej Cvar
Wolfgang Bohle**

Tr. 1.3. Bicycle facilities as incentive for bicycle use

- Attractivity a)
opinion of the users
about infrastructure
elements
- Results of a survey in
Germany
- Attractivity b)
how many new trips are
attracted by new
facilities (e.g. storage)
- Results from Slovenia

Monday

16.00

**TRANSPORT
CAMPAIGNS & PROJECTS**

**David Meiklejohn
Troels Andersen**

Tr. 1.4. Campaigns to increase cycle use

- Workplace cycling campaigns in
- Perth (Australia) and
 - Cambridge (UK)
 - What do they have in common?

- A Danish example
- Home
 - Man
 - Horse
 - Road
 - Field
 - Information

Tuesday

14.00

TRANSPORT
POLICIES & STAKEHOLDERS

Tr. 2.1. Cycling in Brazil and China

- cancelled

Tuesday

14.00

**TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES**

A.J. Richardson

Pax Kroon

**Tr. 2.2. Data collection as basis for policies:
survey techniques**

- Inventories of cyclist infrastructure
- How to compare various cities with different inventory systems?
- User inquiry about the quality
- How does it fit to the inventory?

Roadside surveys

- Counts
- Short trackside interviews
- Detailed self-completion questionnaires
- questions of seasonal variability

Tuesday

14.00

**TRANSPORT
BICYCLE FRIENDLY INFRASTRUCTURE**

**Richard Mann
Robert Kelly**

**Tr. 2.3. Cycle provision as a part of overall
transport policies**

- Fitting bikes into streets designed for cars
- Fitting cars into streets designed for bikes

- Two networks in Oxford
fast routes
safe routes

- Piggyback of cycle facilities on other major infrastructure investments

Tuesday

14.00

**TRANSPORT
CAMPAIGNS & PROJECTS**

**Joep Huffener
Soren B. Jensen**

Tr. 2.4. Free city bikes

Panel discussion (Includes introduction to technical tour)

- Do free city bikes have any effect on the general traffic pattern or are they only for leisure?
- Open systems with coins vs. closed systems with smart cards
- Role of municipalities
- Which sponsors?

Tuesday

16.00

TRANSPORT
POLICIES & STAKEHOLDERS

Louis de Waal
Shunichi Uchimura

Tr. 3.1. Getting started

Southern African countries

- Millions of people do not have an access to motor vehicles
- Mobility, access to job
- Job creation

Japan

- Bicycle as an officially recognised transport mean
- Steps taken by the central government
- Infrastructure measures
- Policy changes

Tuesday

16.00

**TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES**

Matti Keranen

Petra Staats

Tr. 3.2. Modelling use

- Conventional models for cars and PT use are not valid for biking
- Empirical data from 5 Finnish cities
- which factors and how to include in the models
- Geographical Information Systems (GIS)
- Use in accident analysis to identify hot spots for detailed site analysis
- To present the analysis to interested communities

Tuesday

16.00

**TRANSPORT
BICYCLE FRIENDLY INFRASTRUCTURE**

**James Sebastian
and others**

Tr. 3.3. Integration or segregation

- Question for the panel discussion
- How do planners make decisions about when to segregate cyclists?
- Is it possible to develop local, regional, national or international guidelines on segregating or integrating?
- What factors should be considered?

Tuesday

16.00

TRANSPORT CAMPAIGNS & PROJECTS

**Herman Kemkamp & Freerk Veldkamp
Henrik Lumholdt**

Tr. 3.4. Advanced local policies

Utrecht

- Bike parking problems: lack of space, theft
- Network of bike parking facilities: mini, midi, maxi
- Improving the inhabitability

Odense

- Increase in bike traffic: 50% in 10 years
- Decrease in accidents: 22%
- Measures taken

Wednesday

14.00

TRANSPORT POLICIES & STAKEHOLDERS

Bert de Vries
Evert Heringa

Tr. 4.1. Between national and local level: the role of provinces and regions

- Role of the provinces in the Dutch transport policies
- Role of the ROA (Regional Authority of Amsterdam)
- Specific regional measures taken
- Introduction to technical tour

Wednesday

14.00

TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES

David Tomlinson
Dinesh Mohan

Tr. 4.2. Factors influencing cyclists' safety

- Collision data analysis (Toronto)
- Cycling experience helps
- What can we learn from accidents with experienced cyclists

- Accidents risks of various transport modes
- Deterrence of bicycle use
- Different socioeconomic settings (India, China)

Wednesday

14.00

**TRANSPORT
BICYCLE FRIENDLY INFRASTRUCTURE**

**Alistair Cumming
Soren Underlien Jensen**

**Tr. 4.3. Intersections: design requirements
from cyclist' perspective**

- Guidelines contain discrete solutions
- The space is limited
- A partial solution is better than no solution

- With more separation along roads the share of junction accidents is growing
- Expectation and visibility
- Slalom cycle tracks

Wednesday

14.00

TRANSPORT CAMPAIGNS & PROJECTS

Jac Wolters

Tr. 4.4. From home to school

Introduction Technical tour

- A program for greater safety for young cyclists (and pedestrians)
- Case study of Amsterdam
- How schoolchildren travel
- Why they use the bike
- What are the risks
- Goals in accident reduction
- Measures taken so far
- Practical demo near to the RAI center

Wednesday

16.00

TRANSPORT POLICIES & STAKEHOLDERS

**Rosalie Nijenhuis & Martin
Vermeul**

Tr. 5.1. The international approach: bicycle and public transport

- State of the bicycle facilities at the Dutch railway stations
- Investment program of bicycle parking for the next five years

Wednesday

16.00

TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES

Roelof Wittink
Tony Dufays & Thérèse
Steenberghen

Tr. 5.2. New approaches to safety

- Does more cycling lead to more accidents?
- Measures to improve the safety of cycling
- Measures to increase the share of cycling
- Can they be isolated from each other?

- Safety as a result of balance between land use and traffic infrastructure
- Reasons behind higher accident ratios
 - Mix of transport modes
 - Combination of through traffic with local traffic

Wednesday

16.00

TRANSPORT BICYCLE FRIENDLY INFRASTRUCTURE

**Tom Godefrooij, Arantxa
Julien, Alfonso Sanz, Jay
Kaplan, Peter Lagerwey,
Marc Jolicoeur**

Tr. 5.3. Comparison of design manuals

- Panel discussion

Three approaches

- technical (building specific infrastructure)
- problems of cyclists and possible solutions
- regulatory (highway code) oriented

Mix of the above

Wednesday

16.00

TRANSPORT CAMPAIGNS & PROJECTS

Alex Sully
Willem Mulder

Tr. 5.4. New bicycle concepts: their relevance for bicycle use

- Electronic cycle parking system at Belgian railway stations
- Experiences of the operator
manufacturer
customer
- Free guarded bicycle parking facilities in Apeldoorn
- Targets set
- Measures taken
- Analysis of results

Thursday

9.00

TRANSPORT POLICIES & STAKEHOLDERS

**B. Ensink, H. Hahn Klöcker
J. Verschooren, N. Tonkin,
S. Stephens, M. Guttenplan**

Tr. 6.1. The relevance of bicycle user groups

- Panel discussion about new challenges, such as
- Commercial success
- Working in partnership
- Good outreach program
- Public relations strategy

- Australia
- Belgium
- Germany
- Netherlands
- USA

Thursday

9.00

TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES

Nicolas Mercat
Guus Wesseling

Tr. 6.2. Bicycle theft: dissuader of bicycle use

France

- 50% of cyclists suffered theft in 10 years
- 50% of thefts occurred on private property
- Quality of the security systems
- Measures to be taken

Netherlands

- Profiles of typical bicycle thieves
- Improvements of security systems
- Behaviour of the cyclists
- Electronic tag

Thursday

9.00

TRANSPORT BICYCLE FRIENDLY INFRASTRUCTURE

**Stephen Clark
William Hunter
David Harkey**

Tr. 6.3. Traffic management facilities

- Urban Traffic Management and Control Systems
- UCMT-type systems
- True UCMT systems
- Techniques for encouraging cycle use
- Negative impacts
- Portland, OR
- Blue colour pavement markings at bicycle crossings
- Survey at 10 locations
- Test results

Thursday

9.00

TRANSPORT CAMPAIGNS & PROJECTS

Richard Saulnier
Russel Greig

Tr. 6.4. Mass media campaigns

- Cycle instead
- A campaign in Western Australia
- Pre-campaign surveys
- Methods of the campaign
- Results of the post-campaign research
- A TV series on cycling
- Quebec, 1999-2000
- A series of thirteen 30-minute programs
- Peak time slot
- Success among the viewers
- New series in 2000

Thursday

11.00

TRANSPORT
POLICIES & STAKEHOLDERS

John Fegan
Johnatan Moore

Tr. 7.1. National funding of local bicycle schemes

- USA experience
- Legal background: ISTEA (1991), TEA-21 (1998)
- Data on federal money for bicycle (and pedestrian) projects
- Lessons learned
- The Scottish Cycle Challenge Initiative
- Funds for local projects
- Application procedure
- Criteria of assessment
- Results
- Some more innovative and unusual solutions

Thursday

11.00

TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES

Geetam Tiwari
Masaru Kiyota

Tr. 7.2. Cycling and other modes

•South-Asia

- Role of the bicycles
- Other non-motorized vehicles
- Conflicts with buses on bus-lanes

•Japan

- Conflicts between cyclists and pedestrians
- Quantitative model on risk perception by pedestrians
- Based on field data
- Needs adjustment in other socio-cultural context

Thursday

11.00

**TRANSPORT
BICYCLE FRIENDLY INFRASTRUCTURE**

**Ivan Sarmiento
Ramon Fernan III,
Gabriel Diaz Rivera**

Tr. 7.3. Cycle route networks in local planning

- Tulua (134 000), Medellin (2 million), Colombia

- Objectives, methodology, projects, implementation
- Guidelines for the design of a local network
- Factors taken into account

- Marikina, Philippines

- Plan of a 50 kilometer long network
- Planning process
- Social dimensions of the project

Thursday

11.00

TRANSPORT CAMPAIGNS & PROJECTS

Janneke Zomervrucht

Jean-Marc Dubois & Jean-Luc de Wilde

Paul Osborne

Tr. 7.4. Education

- A proposal for integrated policies and actions to stimulate safe bicycle use by schoolchildren
- in order to preserve the Dutch cycling tradition
- Bicycle education in a non-cycling town: the initiatives of Pro-Vélo in Brussels
- Safe Routes to Schools - crossing borders and changing minds (York)

Thursday

14.00

TRANSPORT
POLICIES & STAKEHOLDERS

Andy Clarke

Ian Ker

Tr. 8.1. What roles can parties play

- USA
- Bicycle coordinators
- What do they do?
- Where do they work
- How much do they earn?
- What impact have they had?
- How do they operate?
- Are they required?

- Successful development and implementation of cycle programs depends upon achieving a balance between the key roles:
 - user,
 - planner,
 - bureaucrat and
 - politician

Thursday

14.00

TRANSPORT
UNDERSTANDING AS BASIS
FOR EFFECTIVE STRATEGIES

Hiroataka Koike
Soren Underlien Jensen

Tr. 8.2. Measures to promote cycling

- Japan
- International comparison of bicycle usage
- Questionnaire survey in Utsunomiya city
- Improvement of people's attitude toward bicycle
- Bicycle-related facility improvements

- Denmark: Collection of Cycle Concepts.
- Advice, ideas, examples and photos concerning planning, design and implementation of infrastructure, campaigns etc. to promote cycling and make it safer.

Thursday

14.00

**TRANSPORT
BICYCLE FRIENDLY INFRASTRUCTURE**

Jean-Francois Pronovost

Jeff Olson

Philippe Coupy

Tr. 8.3. Long distance cycle route networks

- Quebec: La Route Verte: A Cycling Challenge, A Planning Challenge
- The French National Cycle Network: A project linking cycle routes & greenways

- United States
- 16 National Millennium Trails
- a Millennium Legacy Trail for each State and Territory
- 2000 Community trails

Thursday

14.00

**TRANSPORT
CAMPAIGNS & PROJECTS**

**Eva Bördlein
Colin Graham
Marc Jolicoeur**

Tr. 8.4. Local programs: lessons to be learned

- The Munich Bicycle Development Concept
- A Bicycle Network for a North American Metropolis: The Case of Montreal
- From talk to tarmac; Project Management lessons from the Perth Bicycle Network Program, Australia

SUB-PLenary ON TRANSPORT:

**We know why
(it is important to promote cycling),
but how are we going to do it?**

but how are we going to do it?

