THE-PEP Relay-Race in Mannheim, 21/09/2017

Kilian Frey
Section I 3.1
“Environment and Transport”
Agenda

1  ICC

2  PASTA

3  THE PEP RELAY RACE
1 ICC – Bridging the gap between research and practice
## ICC – PASTA – THE PEP

<table>
<thead>
<tr>
<th>ICC’17</th>
<th>19 Sept</th>
<th>20 Sept</th>
<th>21 Sept – THE PEP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening</td>
<td></td>
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</tr>
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<td>F 1</td>
<td>F 2</td>
<td>F 3</td>
<td>PASTA</td>
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<td>F 4</td>
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<td></td>
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<td>F 5</td>
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<td>Bike Parade</td>
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<td>Evening Reception</td>
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<td>Bike Excursions</td>
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<td>Bertha-Carl-Benz Award</td>
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<td>Excursion to Heidelberg</td>
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ICC/THE PEP Conference in Numbers

PARTICIPANTS: 292

COUNTRIES: 40 FROM ALL CONTINENTS

SPEAKER: 90

POSTER PRESENTER: 48

MOSAIC SPEAKER:
UGANDA, INDIA, CHILE, MEXICO, PORTUGAL, TAIWAN
ICC: International Mosaic
Bike it. Walk it. Live it.

Connecting transport and health to create happier, more physically active, sustainable communities.

www.pastaproject.eu / @EUPASTA
Bertha-Carl-Benz Award
3 THE PEP Relay Race

THE PEP Relay Race, 21.09.2017 at the International Cycling Conference in Mannheim

Cycling and walking make THE Link—Transport, Health and Environment
Moderator: Franklin Apfel, simultaneous translation into German, English and Russian will be provided

08:00 – 09:00 Arrival & Registration

09:00 – 10:00 Opening and Framing the Agenda

Welcome
Francesca Racioppi (Senior Policy and Programme Adviser, WHO) & George G. Georgiadis (Secretary, Inland Transport Committee, UNECE)

Hand-over ceremony of THE PEP Baton from Vladivostok, Russia to Mannheim
Konstantin Loboda (First Deputy Head of Administration of the city of Vladivostok, Russian Federation)
Lothar Quast (Deputy Mayor of Mannheim)

Keynote
Linking the International Cycling Conference, PASTA and THE PEP – Lessons learned from the last two days
Lucy Saunders (Public Health Specialist, Transport & Public Realm Transport for London / Greater London Authority)

Questions & Answers

10:00 – 12:00 Session I: Developing Cycling Policy

Cycling Policies in Germany (Birgitta Woermann, Federal Ministry of Transport and Digital Infrastructure, Germany: Head of Directorate „Sustainable Mobility, Energy, Logistics“)
Pan-European Master Plan for Cycling Promotion (Robert Thaler (Head of Division Mobility, Transport and Noise, Federal Ministry of Agriculture, Forestry, Environment and Water Management, Austria) & Pierre Toulouze (Interdepartmental coordinator assistant for development of cycling use, France)

Shea Brooks

Developing Cycling Policy in “Starter-“, “Climber-“ and ”Champion” Countries: Interview with representatives from: Azerbaijan, Serbia and The Netherlands: Azerbaijan - Rustam Talishinsky (Deputy Director, Scientific Research Traumatology and Orthopedics Center)
Serbia - Biljana Filipovic (Head of Unit for International Cooperation and Sustainable Development, Ministry of Agriculture and Environmental Protection)
The Netherlands - Aletta Koster (senior cycling consultant at Royal Haskoning DHV)

Cycling and EU policy for sustainable urban mobility (Piotr Rapacz, Coordinator for urban mobility/cycling focal point, DG Mobility and Transport, European Commission)

Economic Benefits of Cycling Tourism (Alexander Stedtfeld, Federal Ministry for Economic Affairs and Energy, Germany)

Questions & Answers

12:00 – 13:00 Lunch Break

13:00 – 14:00 Session II: Environment and Urban Mobility

How can urban transport meet Germany’s climate protection and sustainability goals? (Dr. Norbert Salomon, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety, Germany: Head of Directorate IG I “Inmission Control, Safety of Installations and Transport“)

Reverse Innovation: Rethinking urban transport through global learning (Dr. Harry Lehmann, German Environment Agency: General Director Division I “Environmental Planning and Sustainability Strategies“)

Planning for sustainable transport policies – Assessing CO2-Emissions (George G. Georgiadis, UNECE: Environment Division)

Questions & Answers

14:30 – 14:50 Coffee Break

14:50 – 16:15 Session III: Health and Active Mobility

How does Active Mobility help to reach the SDGs? (Dr. Uwe Winkler, Federal Ministry of Health, Germany: Head of Division)
Active Mobility in Ukrainian National and Local Perspective (Olena Chernyshova, Ukrainian Board member of “Ukrainian Cycling Network” and Board Member of the NGO “Urban Reformers“)
The new HEAT-Health Economic Assessment Tool (WHO): interactive demonstration with the audience; (Dr. Nick Cavill, University of Oxford; HEAT core group)

16:15 – 16:30 Closing Session

Guided cycle walk through the romantic center

17:00 Excursion to Heidelberg
THE PEP Partnership on Cycling
Pre-European Master Plan for Cycling

Lincoln Paiva
UBA's vision of “Tomorrow's Cities”
with focus on environmentally friendly mobility

Source: https://www.umweltbundesamt.de/publikationen/tomorrows-cities
UBA/GIZ-Publication “Reverse Innovation – Rethinking Urban Transport through Global Learning”

https://www.umweltbundesamt.de/sites/default/files/medien/376/publikationen/reverse_innovation_bf_0.pdf
Basic functioning of the new HEAT 4.0

User inputs

Data inputs
- Volumes of travel
  - Duration/distance/trips/steps
  - New: Frequency / Mode share/shift
  - Population size

Adjustment of data inputs
- New vs. re-assigned
- Shifted from other modes (carbon)
- For transport or recreation (AP, carbon)
- In traffic vs. away from traffic (AP)

Calculation parameters
- Changeable default values
  - (Uptake period, trip-step length, speeds, mortality rate, air pollution level)
  - Other background values

Physical activity benefit
Reduced mortality risk from walking and/or cycling

\[(1 - RR^*) \times \frac{Local\; vol\; of\; active\; mode}{Reference\; vol\; of\; active\; mode}\]

Air pollution risk
Mortality risk when walking and/or cycling

\[(1 - RR^*) \times \frac{AP\; exposure\; of\; active\; mode\; user}{Reference\; AP\; exposure}\]

- RR = relative risk of death in underlying studies (walking: 0.89 and cycling: 0.86)
- AP = average pollution exposure in μg/m³ in underlying studies (5.64 μg/m³)
- walking mode work in progress
Thank you!

Kilian Frey
Section I 3.1
“Environment and Transport”
Kilian.Frey@uba.de

www.uba.de/en