

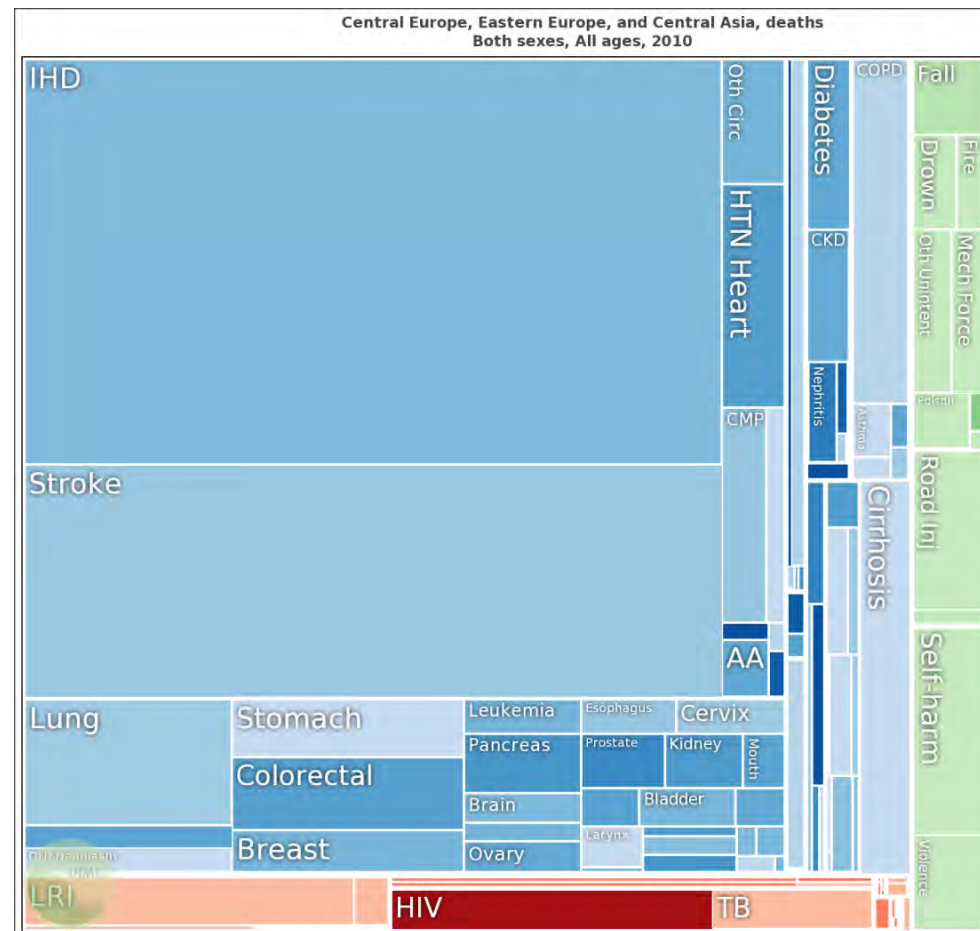
Oesterreichischer Radgipfel
Klagenfurt, 28. Mai 2015

Radfahren: Der Gesundheit Rechnung tragen

Christian Schweizer

Weltgesundheitsorganisation WHO,
Regionalbüro für Europa

Todesursachen in Europa



Quelle: Institute for Health Metrics and Evaluation, University of Washington

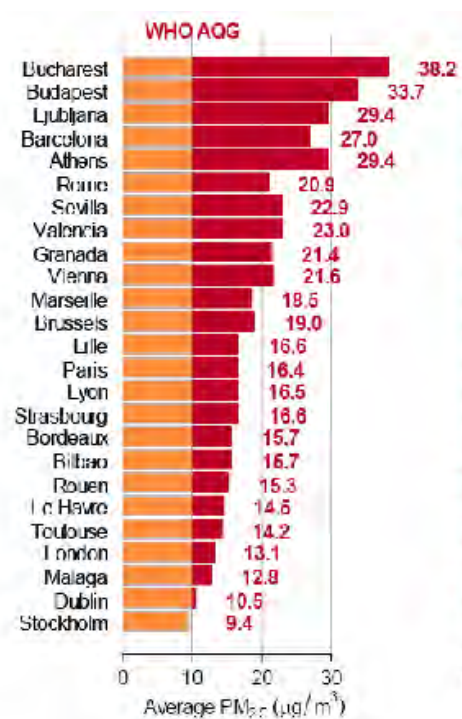


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Gesundheit fördern: saubere Luft in Europa

Erwarteter Gewinn an Lebenserwartung (Monate) aufgrund Reduktion PM_{2.5} auf WHO Grenzwerte (10 µg/m³) für Über-30-Jährige



Quelle: Presentation of Aphekom findings at the Policy Workshop: EU Year of Air – how can we reduce air pollution to improve health? 13 September 2012, Brussels, Belgium, http://www.aphekom.org/c/document_library/get_file?uuid=e5e5777f-968c-484c-8a51-652f132030c7&groupId=10347



Quelle: Physical Activity Guidelines Advisory Committee. Physical Activity Guidelines Advisory Committee Report, 2008. Washington, DC: U.S. Department of Health and Human Services, 2008.



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Wie koennen wir dieses Potential anzapfen? Zu Fuss und mit dem Rad!

- Der Effekt ist gross und weitreichend
 - Verbesserte Strassensicherheit, Luftqualität und Lärm
 - Weniger Stau, Energieverbrauch und CO2-Emissionen
 - Weniger Bedarf an teurer Infrastruktur für Autos
 - Grosses Potenzial um Autofahrten zu ersetzen
 - Verbesserte Zugänglichkeit und Qualität des städtischen Lebens
- Es ist einfach und fair
 - Fair und leicht zugänglich
 - Erfordert nicht viel mehr Zeit
 - Minimale Haushaltsinvestition



Europäische Strategie Bewegung für Gesundheit

2012



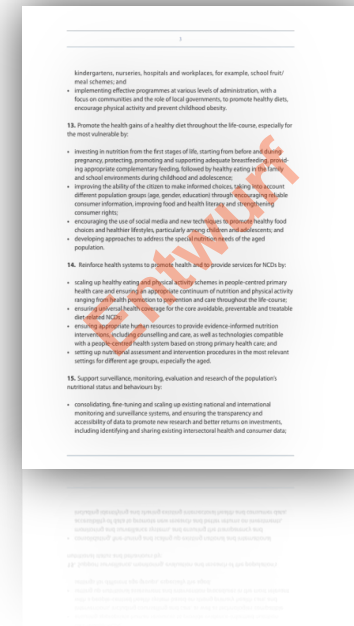
Gesundheit 2020

2013



Erklärung von Wien

2015



Europäische Strategie
Bewegung für
Gesundheit

Vierte hochrangige Tagung über Verkehr, Gesundheit und Umwelt, Paris, April 2014: *City in motion: people first!*

- **Neues Ziel:** Einbeziehung verkehrs-, gesundheits- und umweltpolitischer Zielsetzungen in die Stadt- und Raumplanung
- **Neue Partnerschaft:** Klarer Auftrag zur Entwicklung eines paneuropäischen Gesamtplans zur Förderung von Radfahren




THE PEP Transport, Health
and Environment
Pan-European Programme

UNITED NATIONS
ECONOMIC COMMISSION FOR EUROPE

World Health Organization
REGIONAL OFFICE FOR Europe

Gesundheitsökonomische Bewertungsinstrumente (HEAT) für Z Fußgehen und Radfahren

<http://www.heatwalkingcycling.org>



The screenshot shows the 'Introduction' page of the HEAT website. On the left is a navigation menu with links: 'Introduction' (highlighted), 'HEAT for cycling', 'HEAT for walking', 'Current Assessment', 'Previous Assessments', and 'Acknowledgements'. The main content area has the HEAT logo (a blue swirl) and the text 'HEAT Health economic assessment tool'. Below this is the heading 'Welcome to the WHO/Europe Health Economic Assessment Tools (HEAT) for walking and for cycling.' followed by a paragraph: 'This tool is designed to help you conduct an economic assessment of the health benefits of walking or cycling by estimating the value of reduced mortality that results from specified amounts of walking or cycling.' Another paragraph states: 'The tool can be used in a number of different situations, for example:'. A list begins with '1. When planning a new piece of cycling or walking'. On the right, a 'More information' box contains the heading 'What data do I need?' and a paragraph: 'To produce an assessment, you need to provide data on the number of people walking or cycling, and the amount of walking they are doing (or are projected to do).' with a 'more...' link below it.

HEAT ► Introduction

HEAT
Health economic
assessment tool

Introduction

- HEAT for cycling
- HEAT for walking
- Current Assessment
- Previous Assessments
- Acknowledgements

Welcome to the WHO/Europe Health Economic Assessment Tools (HEAT) for walking and for cycling.

This tool is designed to help you conduct an economic assessment of the health benefits of walking or cycling by estimating the value of reduced mortality that results from specified amounts of walking or cycling.

The tool can be used in a number of different situations, for example:

1. When planning a new piece of cycling or walking

More information

What data do I need?

To produce an assessment, you need to provide data on the number of people walking or cycling, and the amount of walking they are doing (or are projected to do).

[more...](#)

Was ist HEAT?

- Einfach zu benutzendes Online-Werkzeug
www.heatwalkingcycling.org
- Ökonomische Bewertung der Gesundheitsnutzen von Zufussgehen und Radfahren



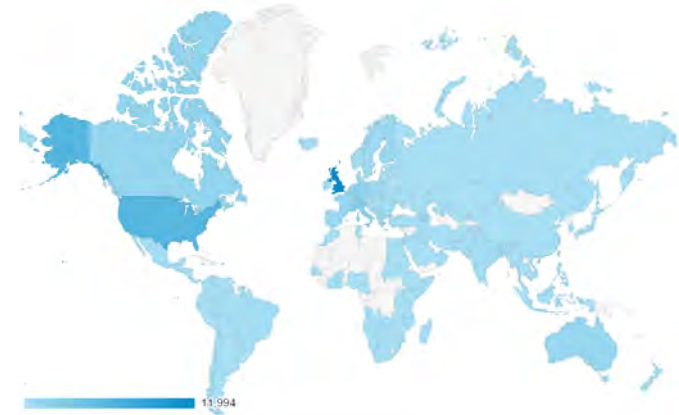
Der Ansatz von HEAT

- Anerkennt die Bedeutung ökonomischer Analysen im Verkehrsbereich:
 - Kosten-Nutzen-Rechnung sind oft entscheidend und HEAT leistet einen Beitrag, um Gesundheitseffekte auf der Nutzen-Seite zu berücksichtigen
- Praktisches Werkzeug für Verkehrsplaner
- Evidenz-basiert, transparent, anpassbar

“Was ist der ökonomische Wert der Gesundheitseffekte eines bestimmten Umfangs an Zufußgehen oder Fahrradfahren in einer Bevölkerung?”

Anwendungen

- Webseite rund 40,000 mal besucht von 25,000 Benutzern (seit Mai 2011)
- Modellierungen, Interventionen oder aktuelle Situationen
- Verwendet von Verwaltung, Wissenschaft und Interessenvertretern



Journal of Physical Activity and Health, 2010, 7(Suppl 1), S120-S125
© 2010 Human Kinetics, Inc.

“Health in All Policies” in Practice: Guidance and Tools to Quantifying the Health Effects of Cycling and Walking

Sonja Kahlmeier, Francesca Racioppi, Nick Cavill, Harry Rutter, and Pekka Oja

Background: There is growing interest in “Health in All Policies” approaches, aiming at promoting health through policies which are under the control of nonhealth sectors. While economic appraisal is an established practice in transport planning, health effects are rarely taken into account. An international project was carried out to develop guidance and tools for practitioners for quantifying the health effects of cycling and walking, supporting their full appraisal. **Development process:** A systematic review of existing approaches was carried out. Then, the products were developed with an international expert panel through an extensive consensus finding process. **Products and applications:** Methodological guidance was developed which addresses the main challenges practitioners encounter in the quantification of health effects from cycling and walking. A “Health Economic Assessment Tool (HEAT) for cycling” was developed which is being used in several countries. **Conclusions:** There is a need for a more consistent approach to the quantification of health benefits from cycling and walking. This project is providing guidance and an illustrative tool for cycling for practical application. Results show that substantial savings can be expected. Such tools illustrate the importance of considering health in transport policy and infrastructure planning, putting “Health in All Policies” into practice.

Keywords: economic assessment, transport, physical activity, Europe

HEAT in Europa: Beispiele



- England
 - Offizieller Bestandteil der Evaluierung neuer Infrastrukturprojekte
- Österreich
 - Gesundheitseffekte Masterplan Radfahren
- Schweiz
 - Ökonomische Abschätzung Gesundheitsnutzen des Langsamverkehrs
- London
 - Aktionsplan, Anwendungsempfehlung, Business Case

Ein gemeinschaftliches Projekt



Federal Ministry for the
Environment, Nature Conservation
and Nuclear Safety



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



THE PEP

Transport, Health
and Environment
Pan-European Programme



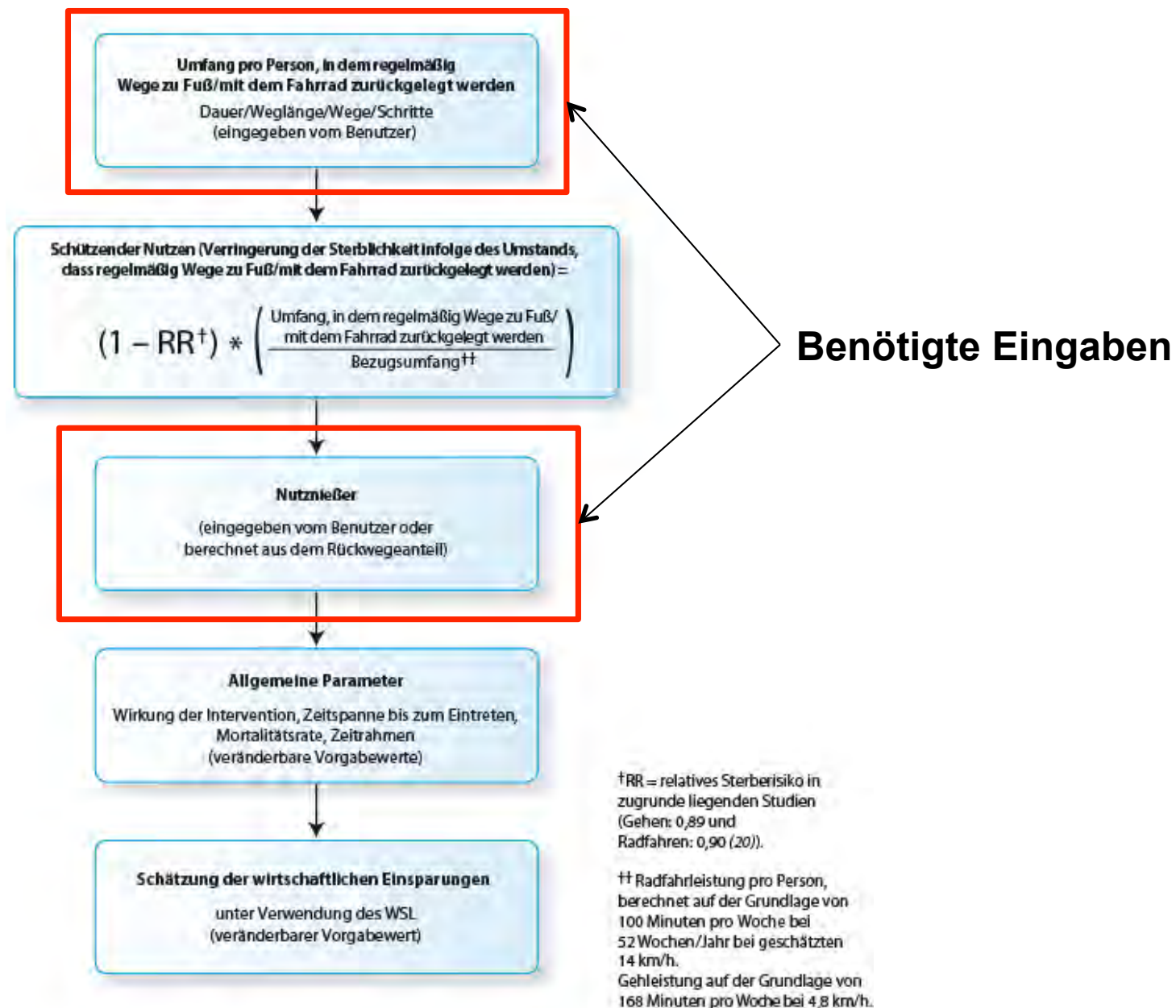
Harry Rutter, Francesca Racioppi, Sonja Kahlmeier, Nick Cavill, Pekka Oja, Heini Sommer, Hywell Dinsdale, Charlie Foster, Paul Kelly, Thomas Götschi, Christian Schweizer

Karim Abu-Omar, Lars Bo Andersen, Hugh Ross Anderson, Finn Berggren, Tegan Boehmer, Nils-Axel Braathen, Dushy Clarke, Andy Cope, Audrey de Nazelle, Mark Fenton, Jonas Finger, Francesco Forastiere, Richard Fordham, Eszter Füzeki, Frank George, Regine Gerike, Mark Hamer, Max Herry, Marie-Eve Heroux, Gerard Hoek, Luc Int Panis, Michal Krzyzanowski, I-Min Lee, Christoph Lieb, Brian Martin, Markus Maybach, Christoph Schreyer, Marie Murphy, Nanette Mutrie, Mark Nieuwenhuijsen, Laura Perez, Gabe Rousseau, David Rojas Rueda, Candace Rutt, Tom Schmid, Elin Sandberg, Mulugeta Yilma, Daniel Sauter, Peter Schantz, Peter Schnohr, Dave Stone, Jan Sørensen, Gregor Starc, Marko Tainio, James Woodcock, Wanda Wendel Vos, Paul Wilkinson



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Beispiel

- Wenn in einer Stadt mit 100'000 Einwohnern 20% zusätzliche 20 Minuten pro Tag radfahren würden ...

Kontaktangaben

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