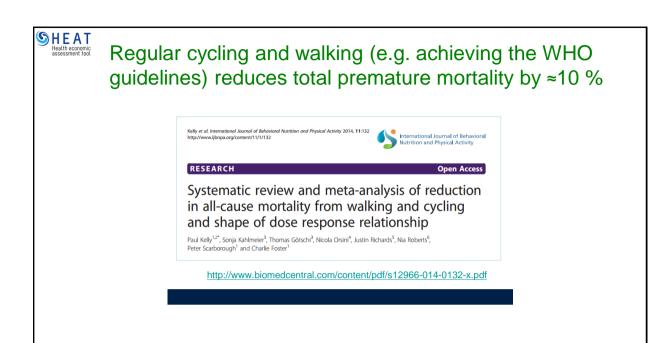
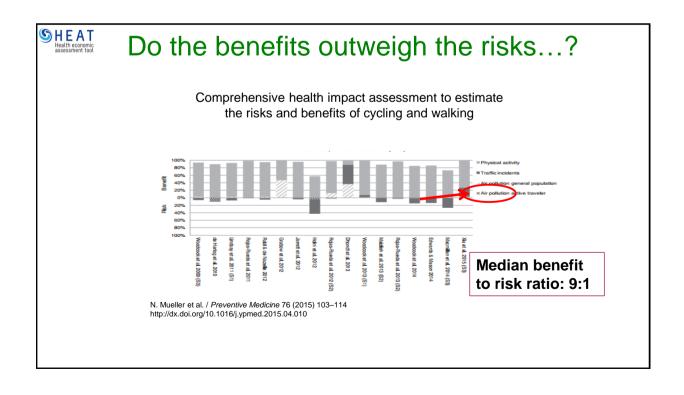


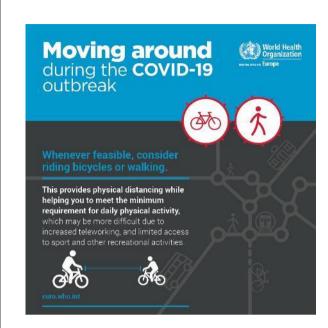


Three important reasons to promote active mobility

- To promote health and reduce noncommunicable diseases
- To increase urban resilience to e.g. climate change, pandemics
- To contribute to protect the planet by reducing carbon emissions







WALKING, CYCLING AND COVID-19: the individual perspective

- · Provides access while maintaining physical distance;
- · Helps meeting the WHO guidelines for physical activity;
- Highly feasible (more than 50% of car trips are shorter than 5 km)
- Helps reducing the need for private motorized transportation as an alternative to public transport

Source: WHO, 2020 http://www.euro.who.int/en/health-topics/healthemergencies/coronavirus-covid-19/novel-coronavirus-2019-ncovtechnical-quidance-OLD/coronavirus-disease-covid-19-outbreaktechnical-quidance-europe-OLD/moving-around-during-the-covid-19cethology

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What is the HEAT?

- Online tool <u>www.heatwalkingcycling.org</u>
- Designed for transport planners
- Economic assessment of health benefits of walking or cycling
- · Effects on mortality 'only'



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HEAT "core principles"

- Scientific robustness
- Usability
 - Minimal data input requirements
 - Availability of default values
 - Clarity of prompts/questions
 - Design and flow of the tool
- Transparency
 - Approach and assumptions
- Conservative
- Adaptable
- Modular



What can you use it for?

- Assessing current (or past) levels of cycling/walking
 - What is walking/cycling worth now in my city, region, country?
- Assessing changes over time
 - E.g. before after, scenario A vs. scenario B
- Evaluating new or existing projects
 - Value of health benefits of investments and benefit cost ratios

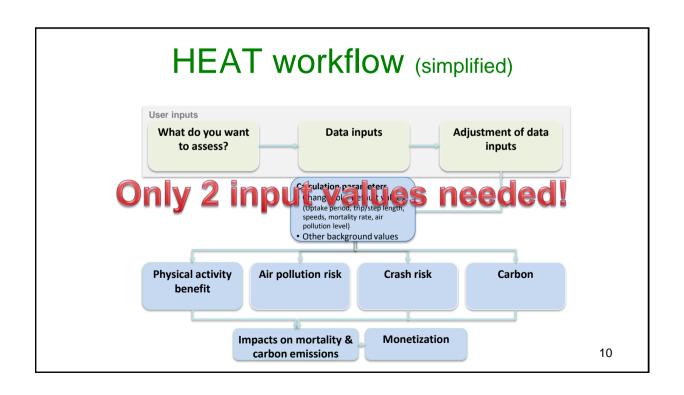


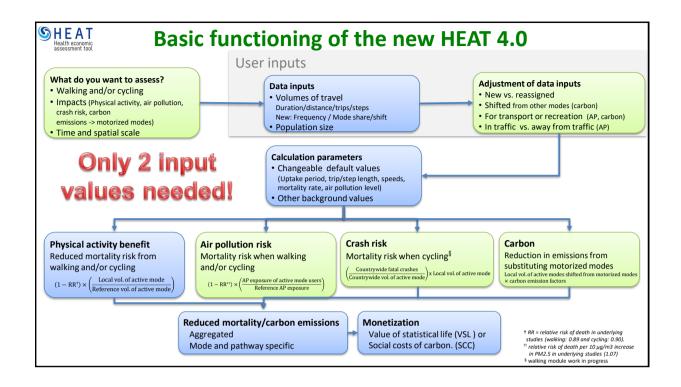
The question

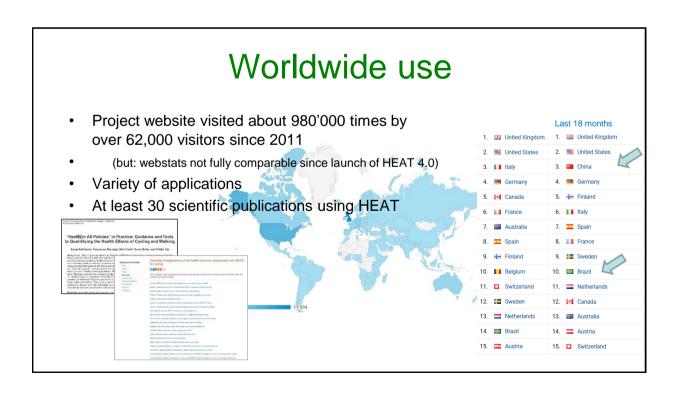
If x people walk/cycle an amount of y on most days, what is the economic value of the health benefits that occur as a result of the reduction in mortality due to their additional physical activity?

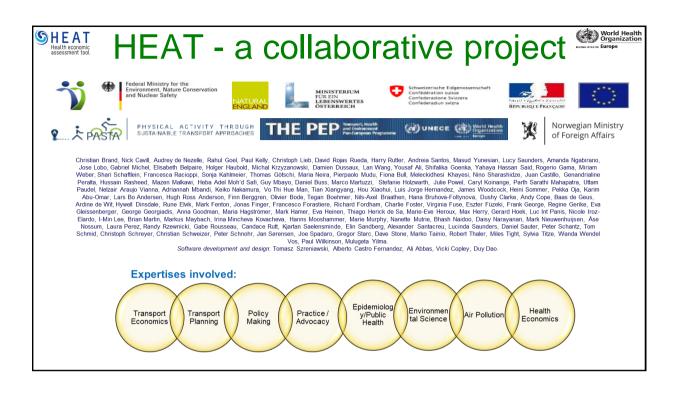
Additional HEAT options since 2017

- How much do air pollution or crashes affect these results?
- What are the carbon effects?









"Simplicity is a complexity resolved"

(Constantin Brancusi)

http://www.heatwalkingcycling.org



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