



*WalkUrban Conference:
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Citizen Science Tool for Walking Route Assessment

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COMUNE DI GENOVA



ERA-NET Cofund Urban Accessibility and Connectivity



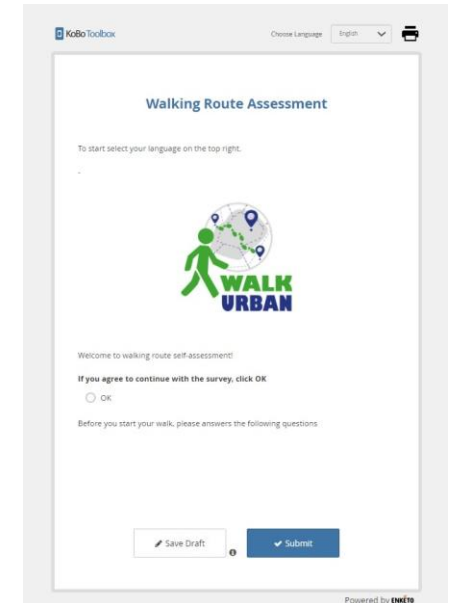
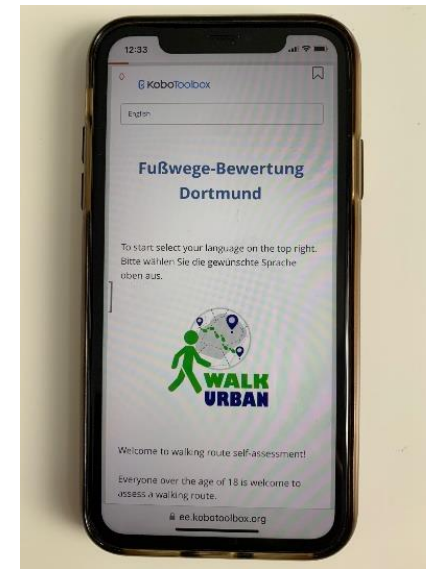


Walking Route Assessment

- Citizens science tool
- Direct assessment with reference to geographical location
- Freely available a data collection tool: “**KoBoToolbox**” (<https://www.kobotoolbox.org/>)



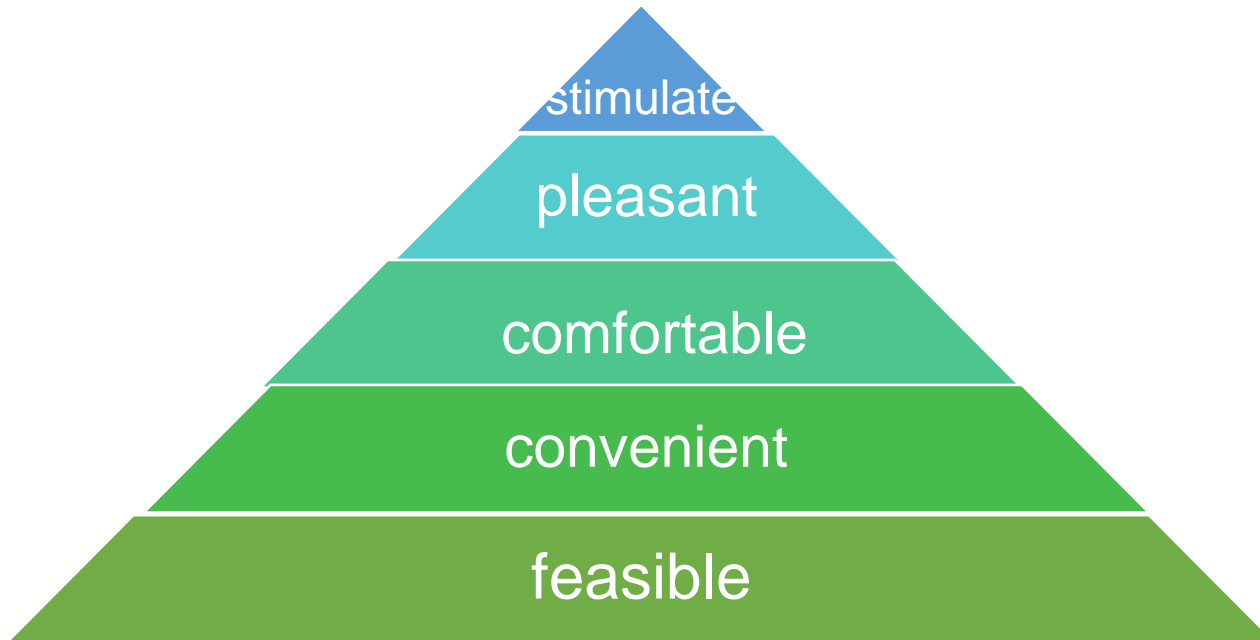
Dortmund example



Photos and screenshots ©Otsuka



Walking Hierarchy and SPWS



- My walking experience is stimulative
- My walking experience is pleasant
- There is nice street furniture
- I feel safe and secure when I walk
- I feel safe from traffic when I walk
- It is easy to cross the road(s)
- My walking route is clean and tidy
- The pavement has enough space
- The pavement is in good condition



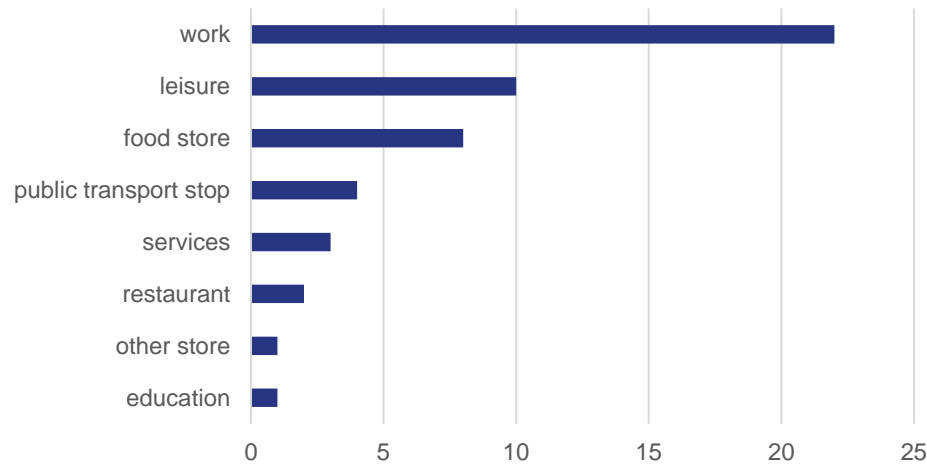
Comparisons: Genoa vs Dortmund

58 responses in Genoa
(Mean age: 45.44)

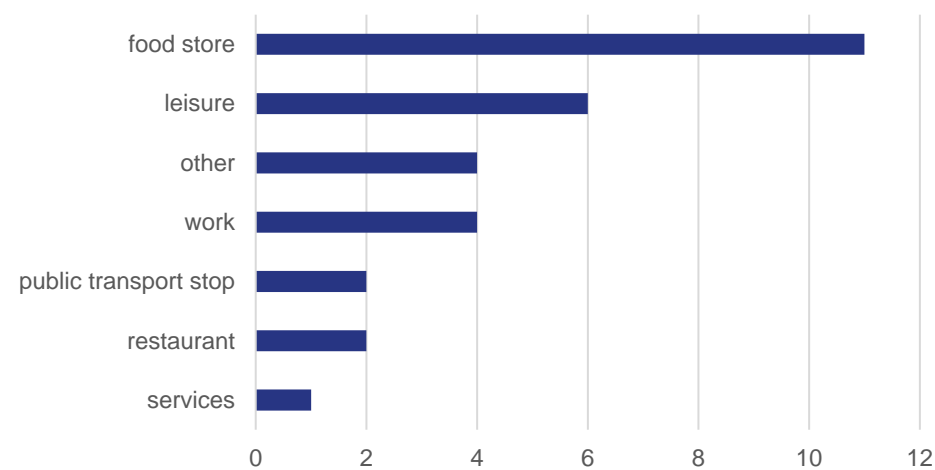
30 responses in Dortmund
(Mean age: 55.73)

What is the destination of the walk you want to evaluate?

Genoa_frequency



Dortmund_frequency

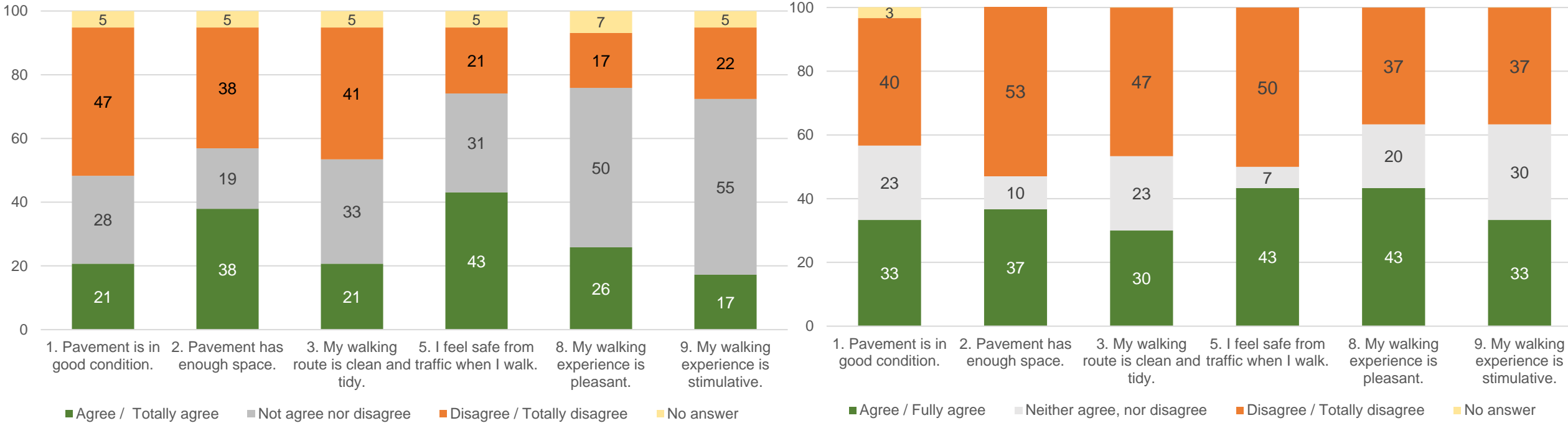




Comparisons: Genoa vs Dortmund

Genoa

Dortmund



feasible convenient comfortable pleasant stimulative

SPWS

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© Photo by Otsuka





Results: pavement condition

1. Pavement is in good condition

47% in Genoa and 40 % in Dortmund answered negatively because:

- the surface is uneven
- the surface is broken, with holes/cracks

“Superficie stradale da rifare in molti tratti”



All photos: WalkUrban contributors



“Kaputte Asphaltdecke entlang des Friedhofs”



Results: pavement space

2. Pavement has enough space

38 % in Genoa and 53 % in Dortmund answered negatively because:

- obstructed by parked cars
- too narrow for me and other people

“Illegal parking tolerated by the city”





Results: traffic safety

5. I feel safe from traffic when I walk

21 % in Genoa and 50 % in Dortmund answered negatively because:

- traffic at high speed
- no protection/separation from road traffic
- too much parking blocking my sight



“Way to school for hundreds of children”



“Spielstrasse” where kids should run and play”



Results: pleasant experience

8. My walking experience is pleasant

26 % in Genoa and 43 % in Dortmund answered positively because:

- there are enough/nice vegetation and green spaces
- the streets are designed for people
- there is no/little traffic noise



“small garden to defend space for people against stationary traffic”



“schöner breiter, baulich getrennter Fußweg entlang der Fahrradstraße”