Why sustainable mobility

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TLTSD 3rd Training for trainers

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APPLICANT: ZELENA ISTRA

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Foto: Marko Peterlin

FACTS AND FIGURES

passenger cars per 1,000 population 549 (2018)

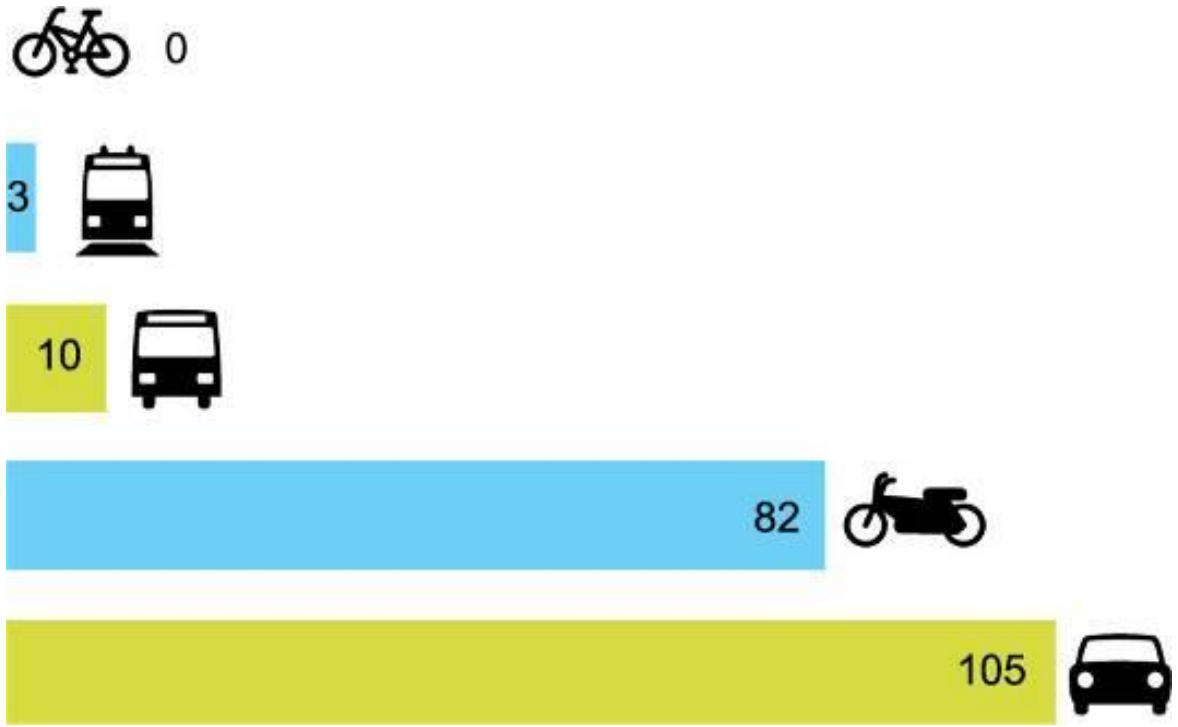
motorways per 1000 population 0.375 km (2018)

share of household expenditure for transport 17.0 % (2019)

share of greenhouse gas emissions from transport 32.5 % (2014)

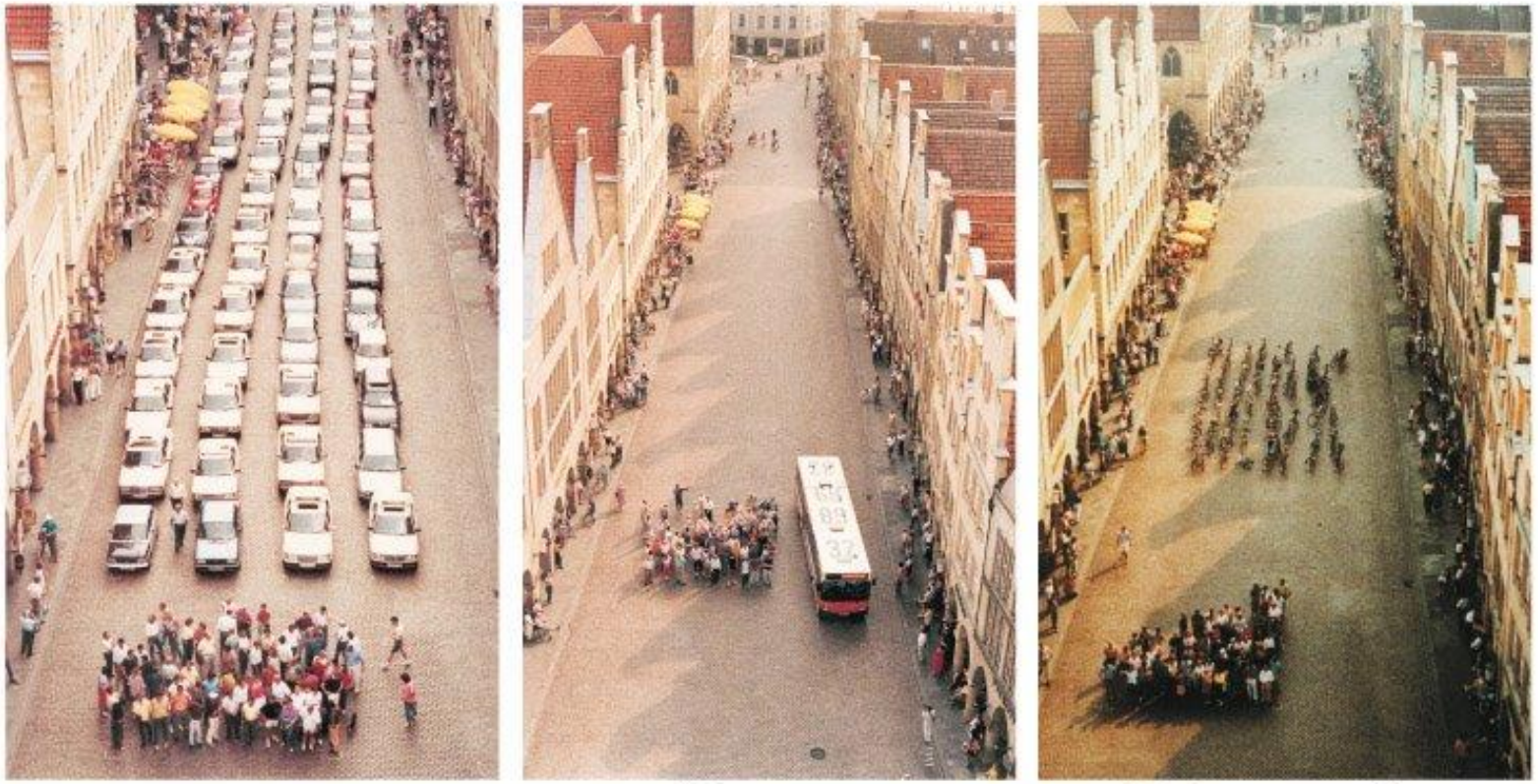
EMISSIONS

CO_2 emissions per passenger per kilometre



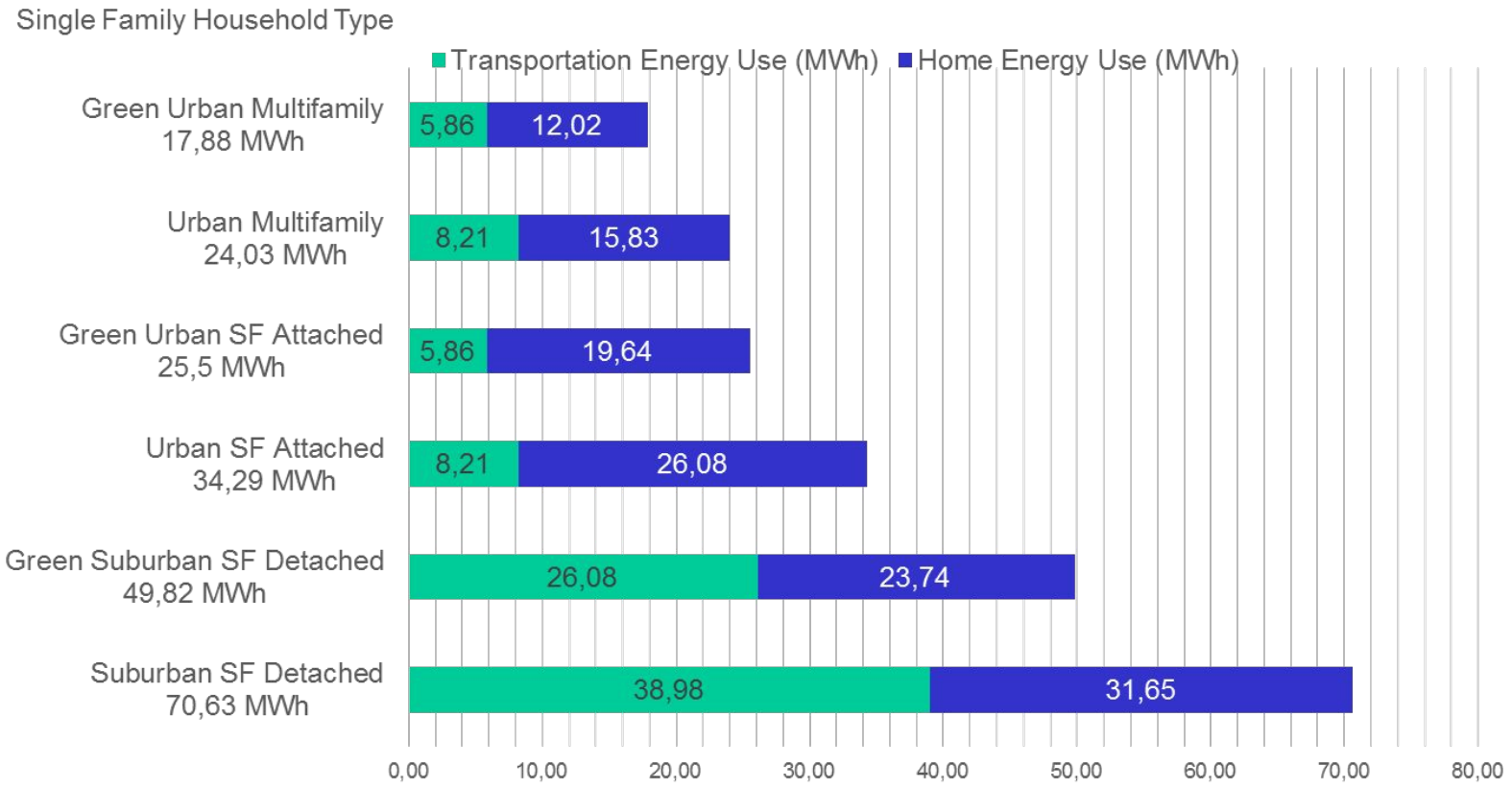
USE OF SPACE

Amount of space required to transport the same number of passengers by car, bus or bicycle.



Source:: Poster in city of Muenster Planning Office, August 2001; Credit: Press Office City of Munster, Germany

ENERGY USE



Sources: Jonathan Rose Companies, SURS

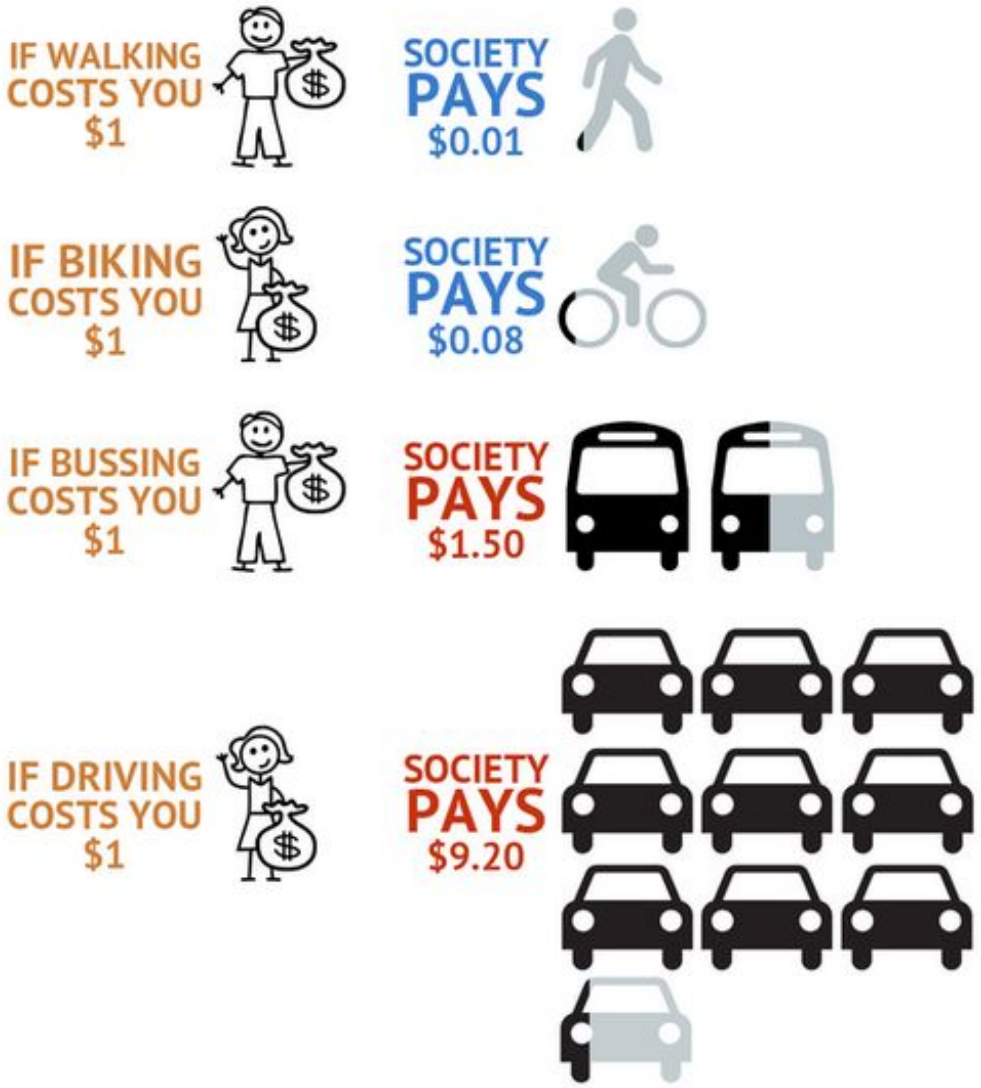
COSTS

How much does your commute cost (or save) society?

Every time you travel you put money into the system, but you also cost the system. Your contribution to and burden on the system differs depending on how you travel.

For example, when you ride the bus you pay a fare – money into the system. Your burden on the system includes the cost of operating the bus, and also less obvious impacts like emissions and noise pollution.

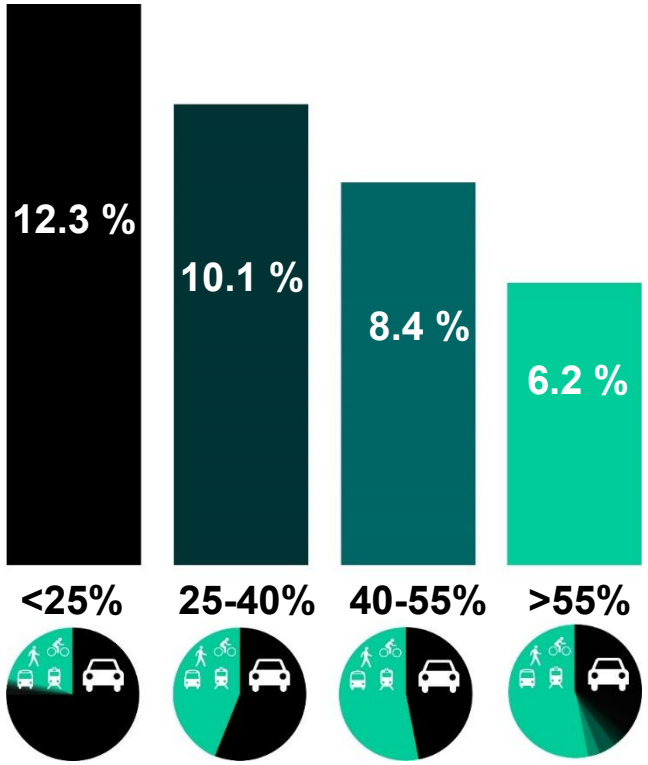
By looking at the ratio of what we put in versus what we cost the system, we see that different ways of travelling are more subsidized than others.



The practice of taking these less tangible costs and benefits into consideration and assigning them a dollar value is known as "full-cost accounting." While there are many ways of doing this, this infographic shows one example of how those costs and charges can be calculated.

Produced by Discourse Media, data by George Poulos. Calculate your commute at MovingForward.DiscourseMedia.org/CostofCommute

COSTS

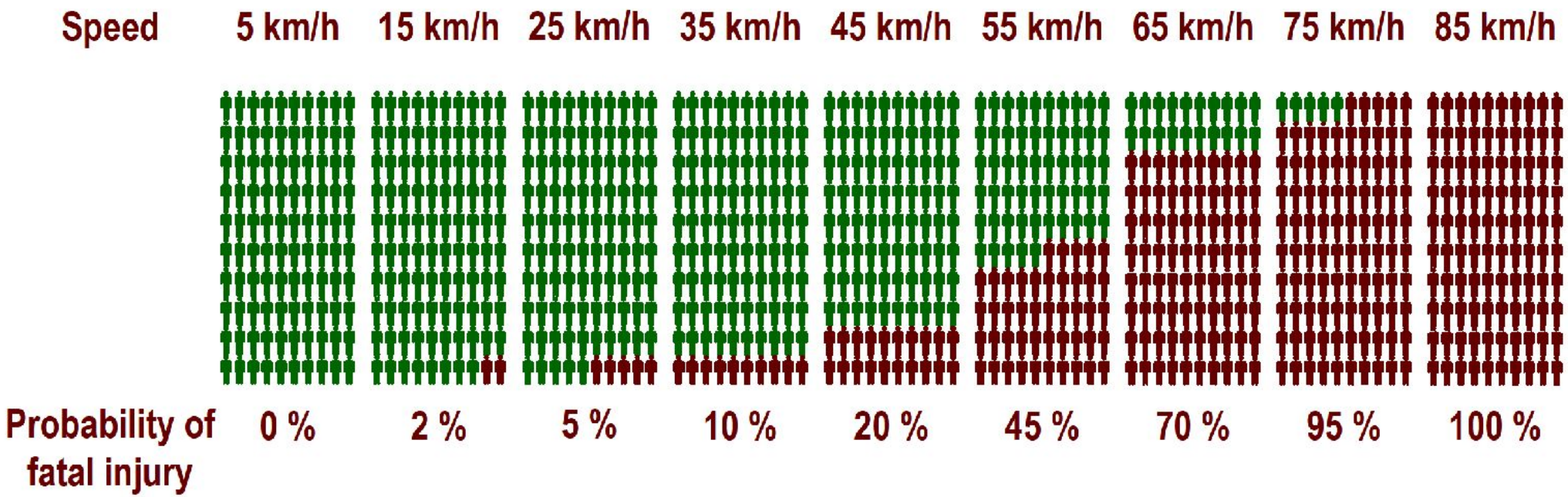


Costs of transport as % of income

Share of rides by public transport, cycling and walking

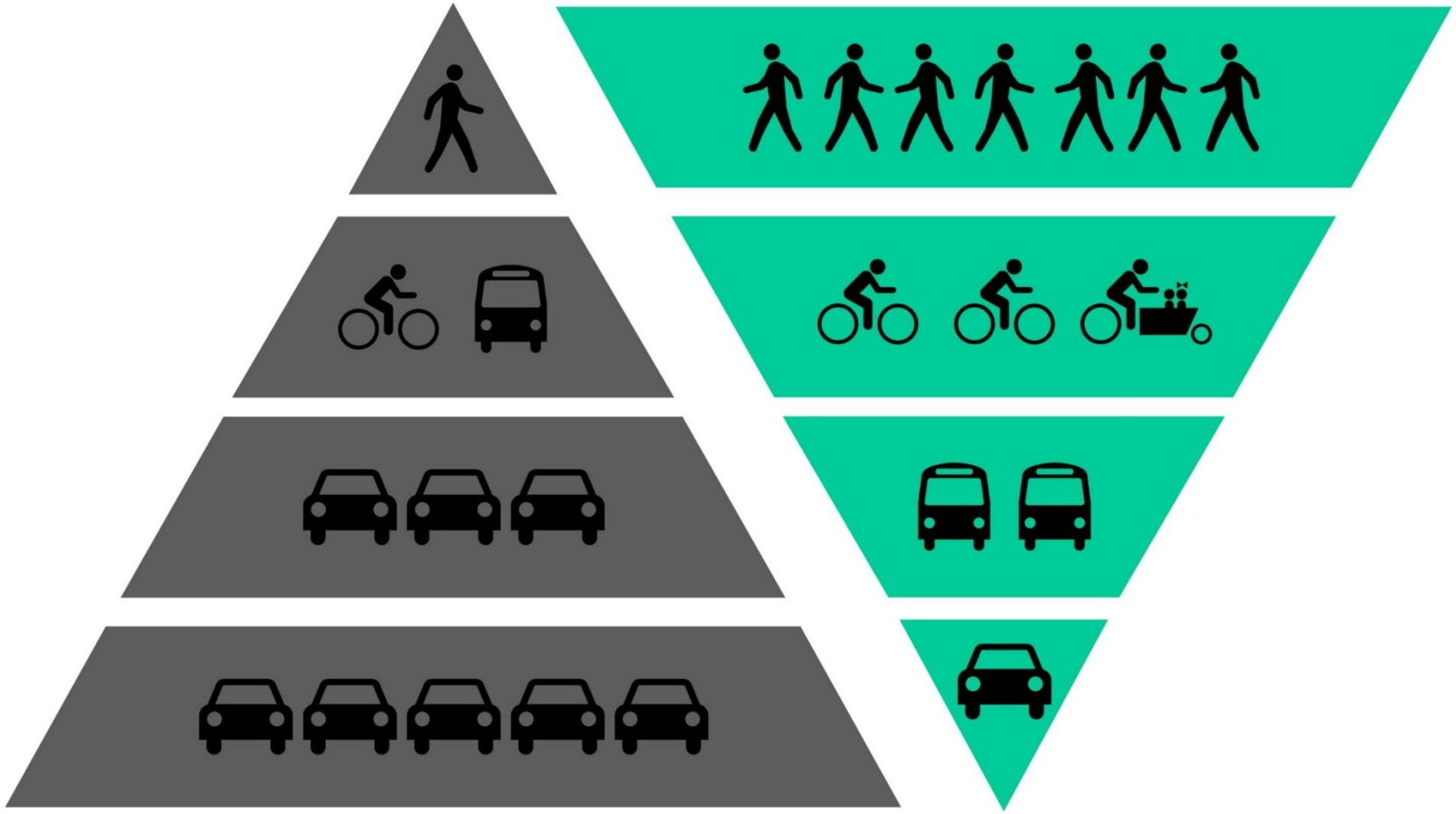
Source: Mobility in cities. Brussels, International Association of Public Transport, 2005

ROAD SAFETY



Source: Steirisches Gesamtverkehrsprogramm

ROAD SAFETY



Source: STREET project

ROAD SAFETY

How traffic engineers see your city

How cities should be designed

Source: Copenhagenize

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