



Climate goals in the transport sector require a mind shift

Johanna Grant, Gröna Bilister

” We are the **first generation** to feel the effect of climate change... and the **last generation** who can **do something** about it”



The Swedish climate targets

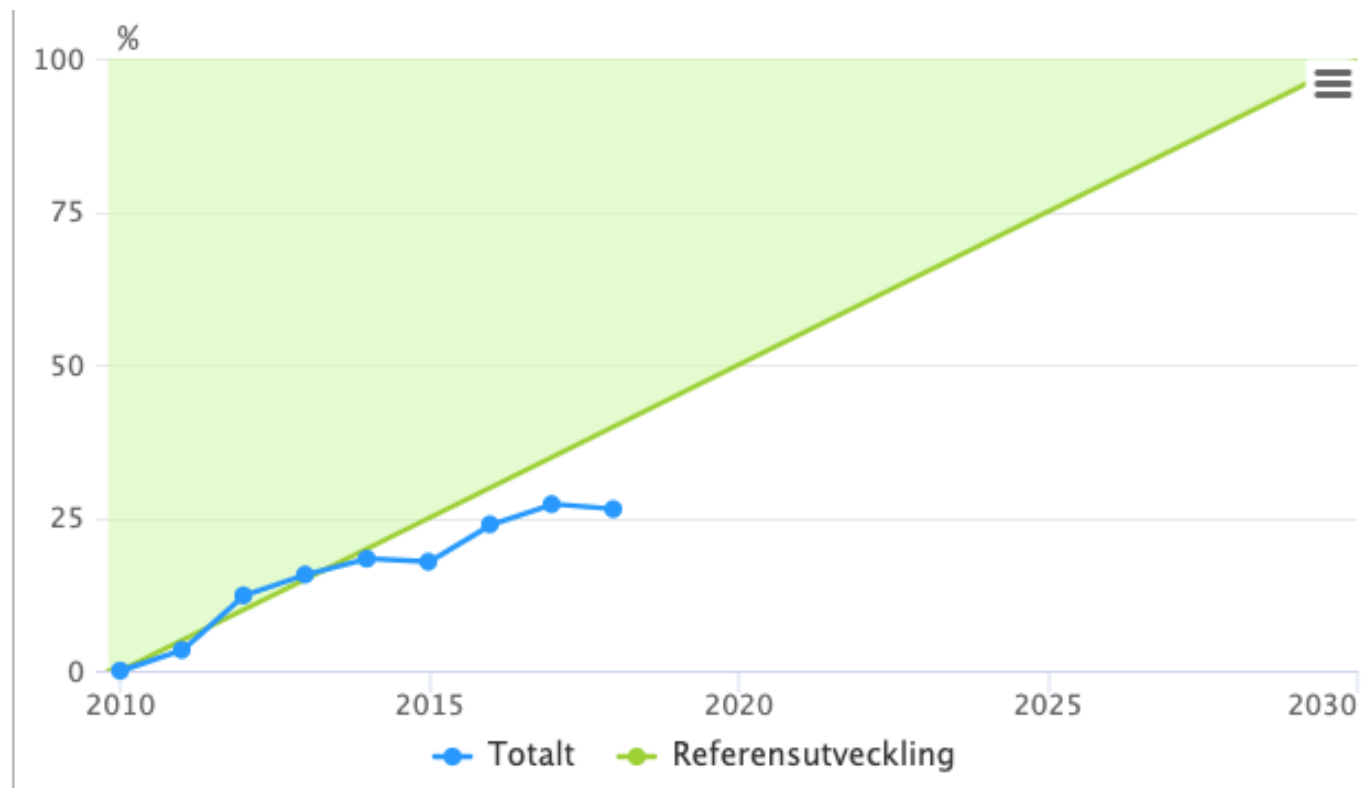
Ambition/Vision
"One of the first
fossil free welfare
countries in the
world"

The Climate Law:
**0 net emissions to
2045**

Specific climate target
transportations:
**- 70 % year 2030
in comparison to
2010**

So, how are we doing?

Percentage of target of reducing climate impact from domestic transport by 70% by 2030 compared with 2010



Datakälla: Naturvårdsverket: Utsläpp av växthusgaser från inrikes transporter (Sveriges officiella statistik)



1/3 of the emissions reductions from the transport sector must take place through change in behavior



... how we design our communities affects how people choose to travel.

A close-up photograph of a car's exhaust pipe, showing the metallic surface and the circular opening. The pipe is dark and appears to be made of steel or a similar metal. The background is dark and out of focus.

Three disadvantages of motorism



1. Space

- 1,2 persons per car
- 5 km and 10 km
- Stands still 23 out of 24 h
- 2 weeks a year in traffic jam



2. Health

If 112 000 motorists chose to bike...

... **20** lives would be extended due to **increased exercise**
... around **60** premature deaths per year would be
avoided due to **better air**

... the **health benefits** are estimated to be
worth **several billion SEK** annually



Källa: Johansson C, Lövenheim, B. Schantz, P. et al. (2017). Science of The Total Environment Volumes 584–585. “Impacts on air pollution and health by changing commuting from car to bicycle”



3. Children

- **Less space** for play and movement
- Children who go to school themselves are more **satisfied** and **perform better**. Lift in car has the opposite effect.

Källa: J. Westman ” ["Drivers of children's travel satisfaction"](#) 2018, Centrum tjänsteforskning vid Karlstads universitet

Three aspects on
how to reach the
climate target 2030?



1. Understanding people
must enter into urban
planning



Focus on "inviting"

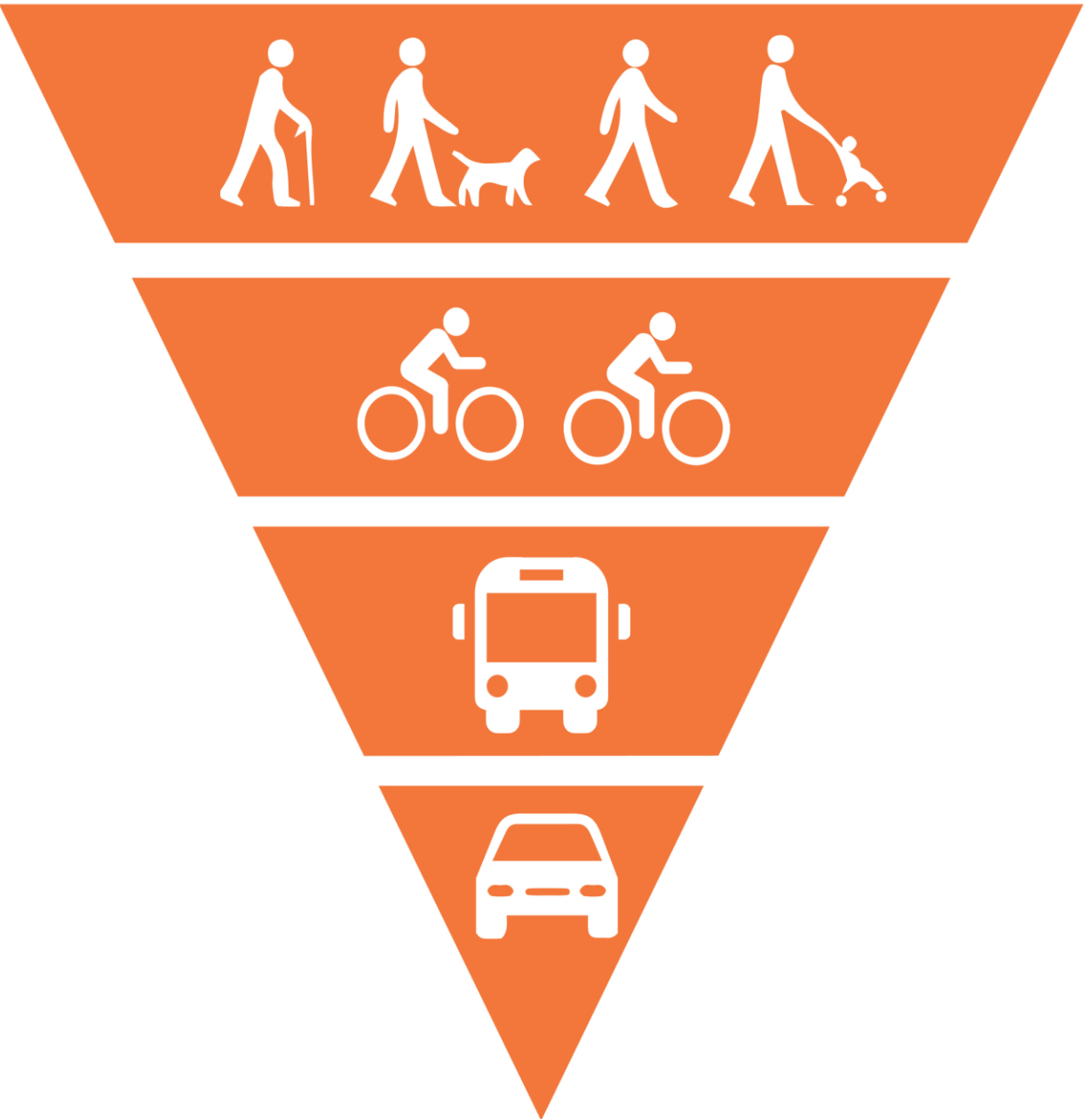
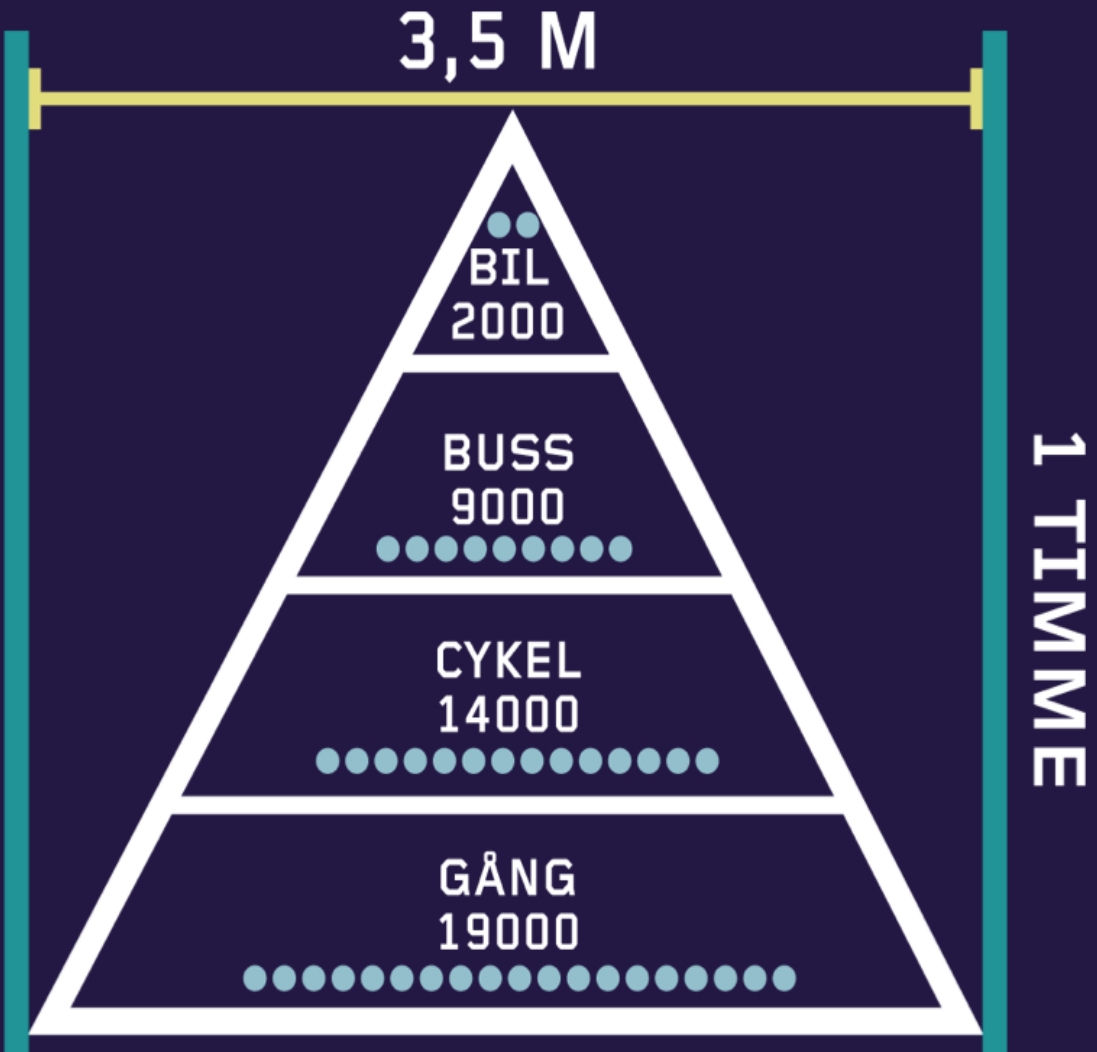


2. Gender equality

If all of Sweden's population would adopt women's travel behavior, new and existing technologies as well as renewable fuels would be sufficient reach Sweden's climate targets for transportation



3. Prioritize!



Källa: "Changing course in urban transport: An illustrated guide".



Cigarette

- from trendy to shabby

- Passive smoking was an eye opener!
- Marketing and bans went hand in hand

Thanks

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