

German Environment Agency

C1 People-centered urban mobility

Lower car density for livable cities

Towards a goal of 150 cars per 1000 inhabitants

Tim Schubert

Section I 3.1

Environment and Transport

Structure

INTRODUCTION Who we are. What we do.

VISION How we envision “Tomorrow’s Cities”.

GOAL Why we need a goal for urban car density and how we calculated it.

MEASURES How we can achieve this goal and which measures we need.

UPSHOT What you need to take home.

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Who we are. What we do.

The German Environment Agency (UBA)

UBA is a subordinated agency of the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety and the central environmental authority in Germany.

Apart from its Central Administration Division, UBA has five divisions with a total of 14 departments. The German Environment Agency employs more than 1,400 people at 13 locations.

Topics (selection):

- Climate protection and adaptation
- Clean air, water and soil
- Waste avoidance and eco-design
- Chemicals and pesticide approvals



How we envision “Tomorrow’s Cities”



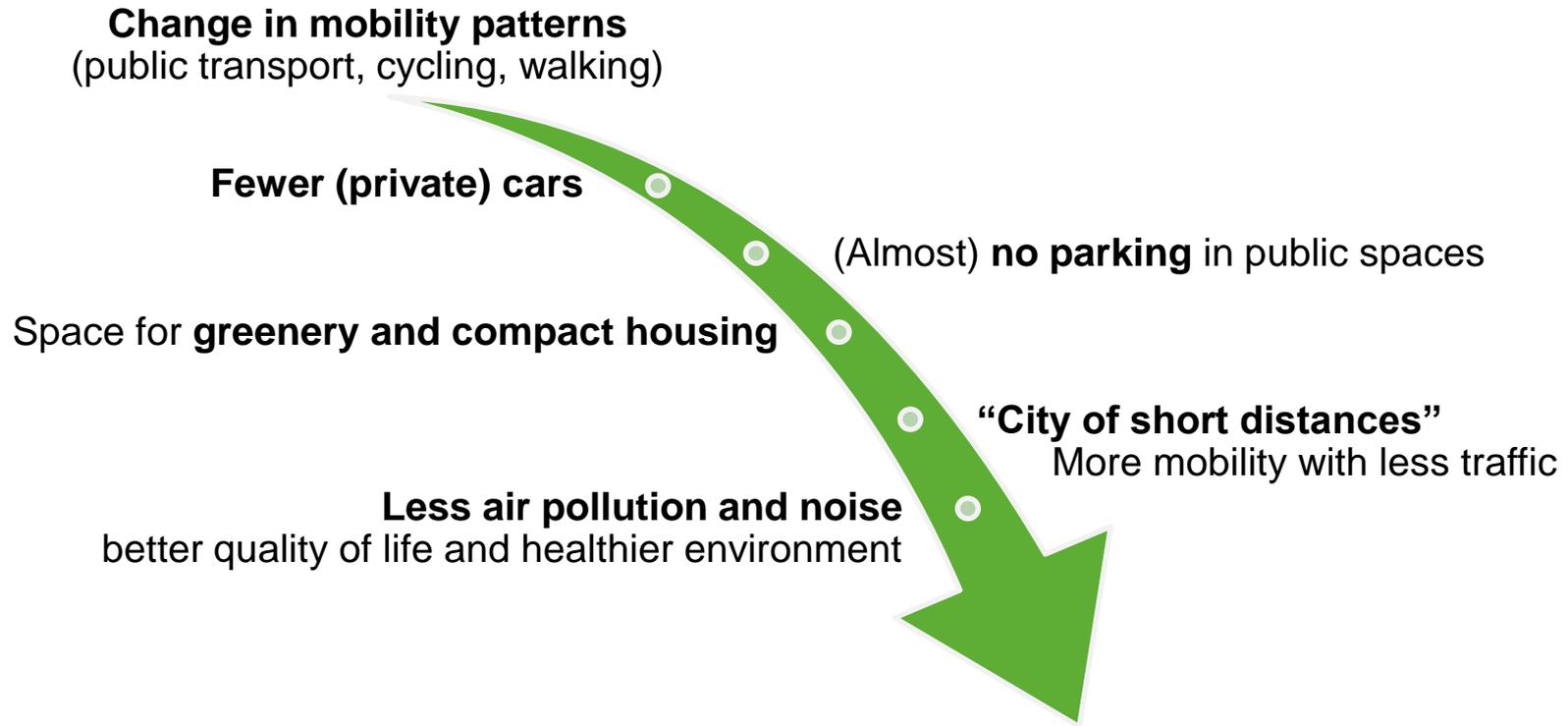
How we envision “Tomorrow’s Cities”



How we envision “Tomorrow’s Cities”



Why we need a goal for urban car density

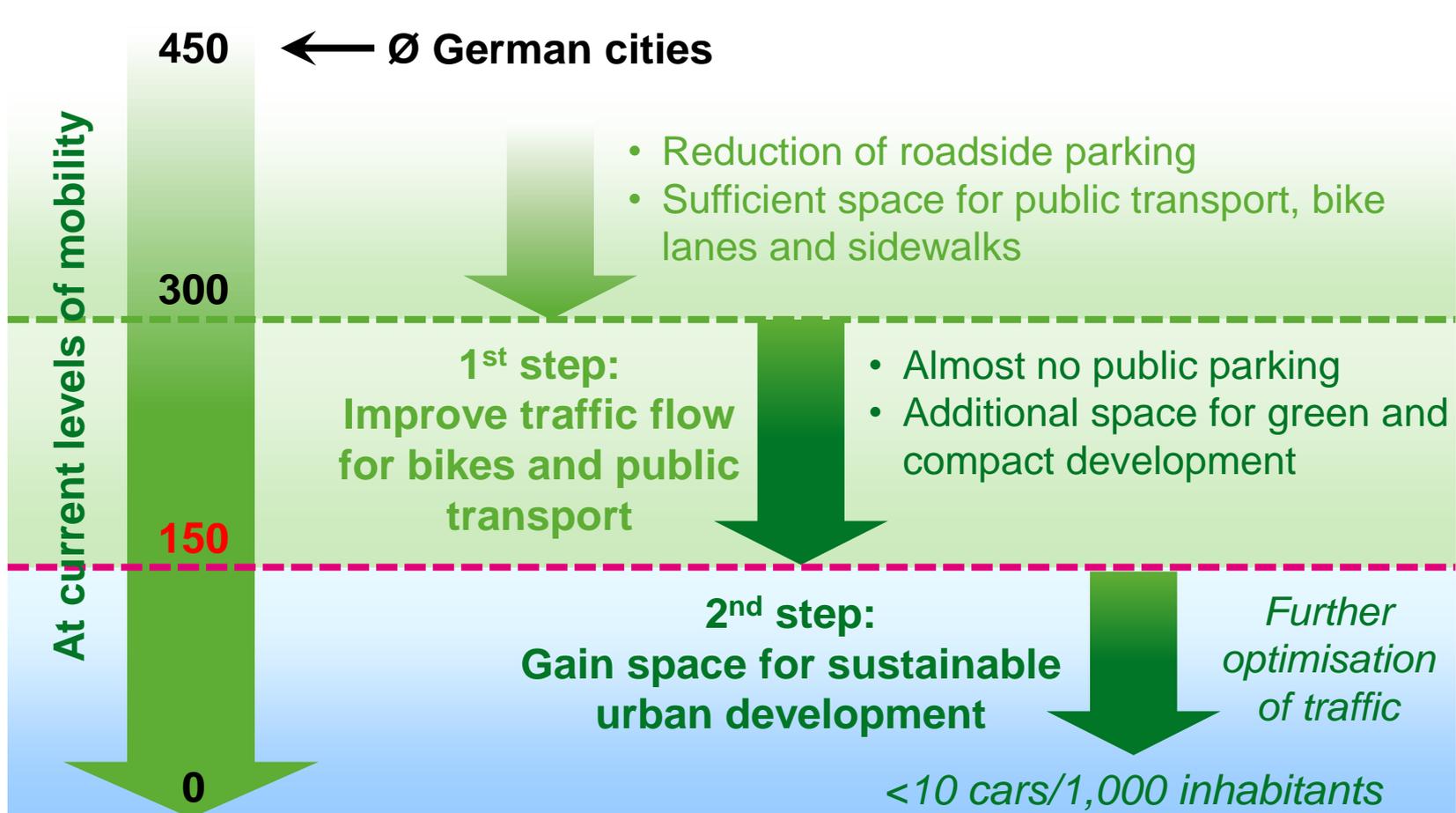


Tomorrow's Cities

Environmentally friendly mobility, low noise, green spaces, compact housing and mixed-use districts

... and how we calculated it.

Passenger cars per 1.000 Inhabitants



How we can achieve this goal



Implementing compactness and mixed use in cities



Reducing noise



Encouraging integrated mobility services and e-mobility



Making commercial transport within the city environmentally friendly



Exploiting digitization for the benefit of the environment

...and which measures we need.



Providing urban greenery and open spaces



Expanding active mobility networks



Improving public transport quality



Managing motorized transport



Fostering participation and collaboration in planning and implementation

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Upshot

We need to promote a **vision of a livable city to win support for unpopular measures that restrict car ownership.**

The goal of **150 cars per 1 000 inhabitants* enables cities to increase density while freeing space to provide **adequate access to green and open spaces**.**

In order to allow for the **same level of mobility, public transport, biking and walking need to be improved significantly before implementing **strict measures to reduce car ownership**.**

* Calculated for cities in developed countries. It equals 1/3 of current car density in German cities above 100 000 inhabitants.

Thank you for your attention!

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www.uba.de/en/topics/transport-noise