



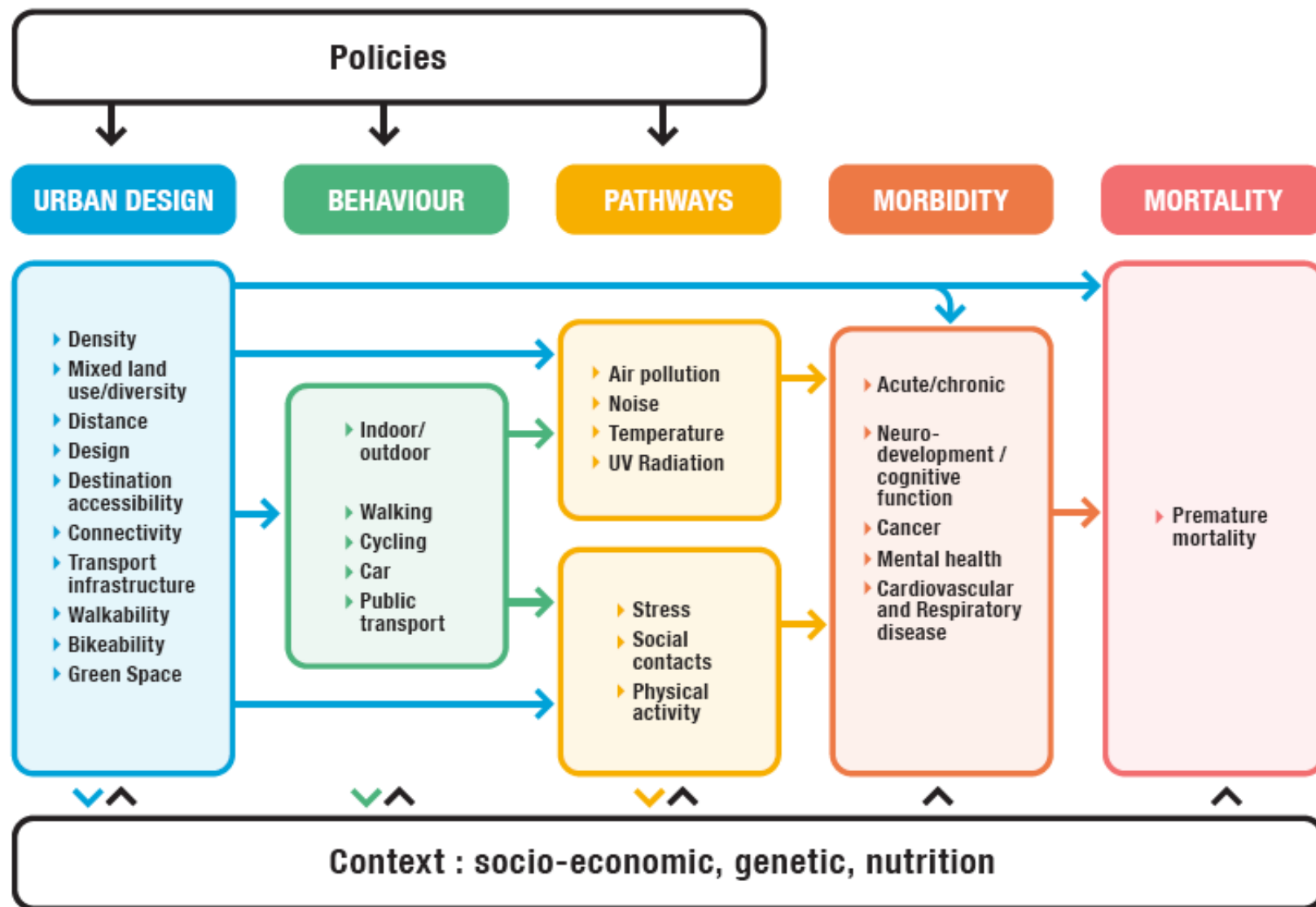
TOWARDS LOW CARBON AND HEALTHY URBAN MOBILITY

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Nieuwenhuijsen 2016 and 2018
2020, 2021

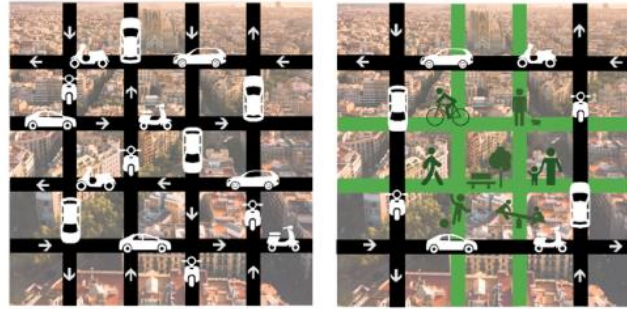


**2904 premature deaths (20%) annually in
Barcelona due to suboptimal urban and transport planning**

Mueller et al EHP 2017; 125: 89-96



a) low traffic neighbourhood, London



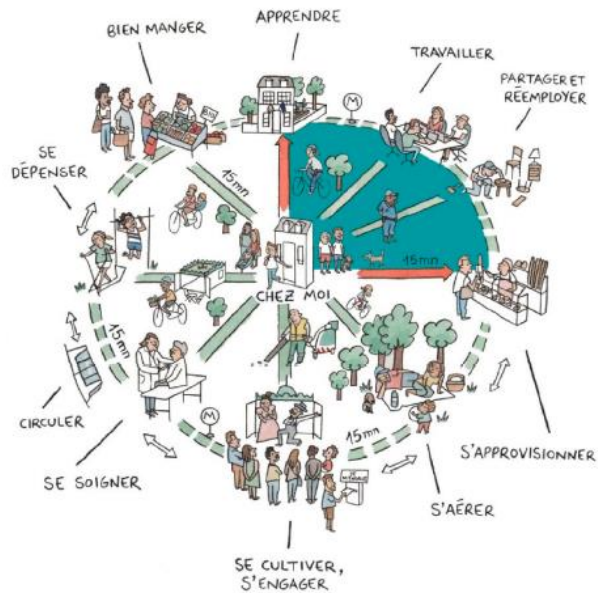
Baseline situation

Superblocks model

b) Superblock, Barcelona

NEW URBAN MODELS

LE PARIS DU 1/4 HEURE



c) 15-minute city, Paris



d) Car free Vauban, Freiburg, Germany

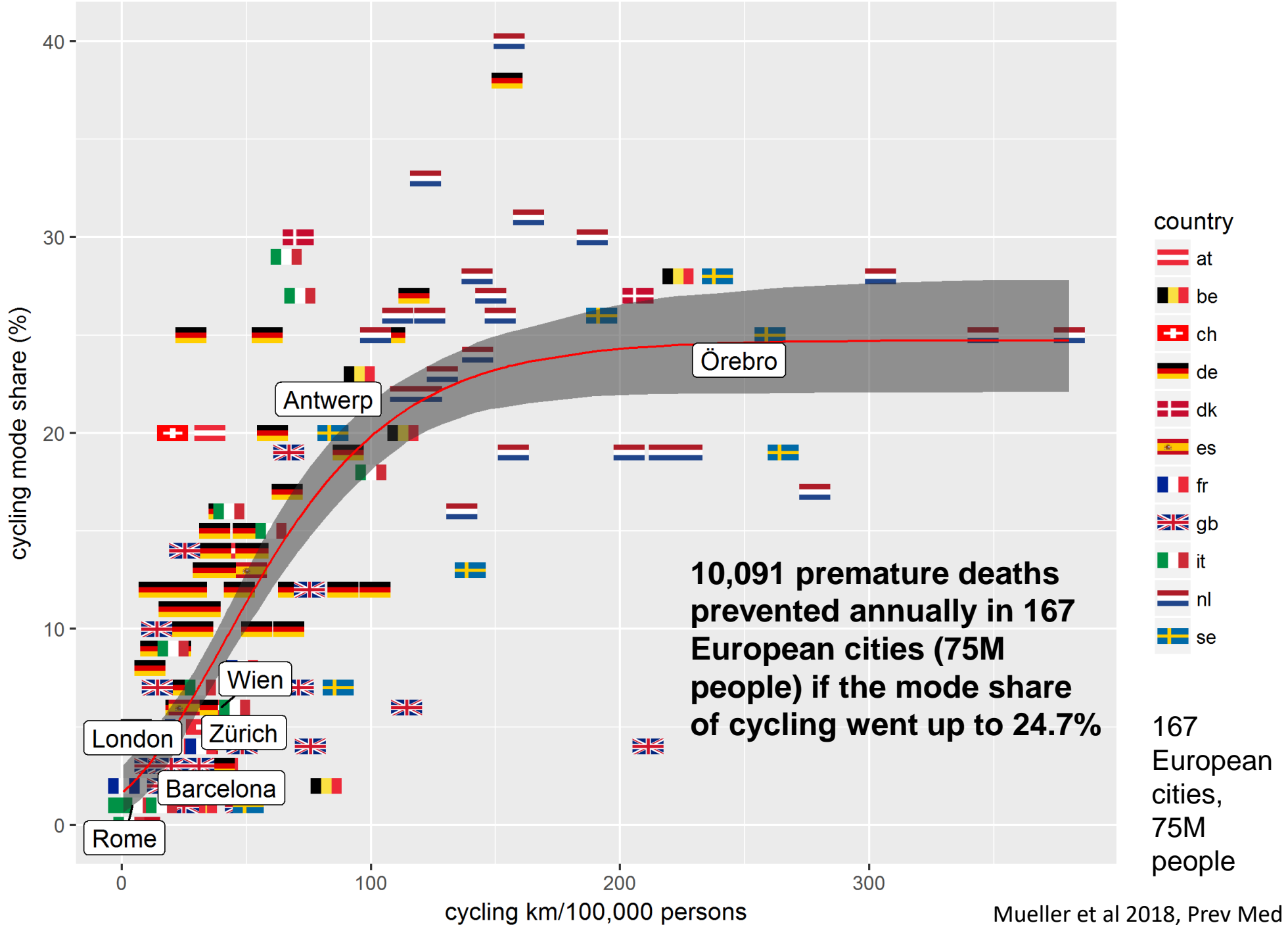


30 km/hr city

Nieuwenhuijsen 2021

Mueller et al 2019

Implementing all Superblocks in Barcelona can prevent 667 premature deaths

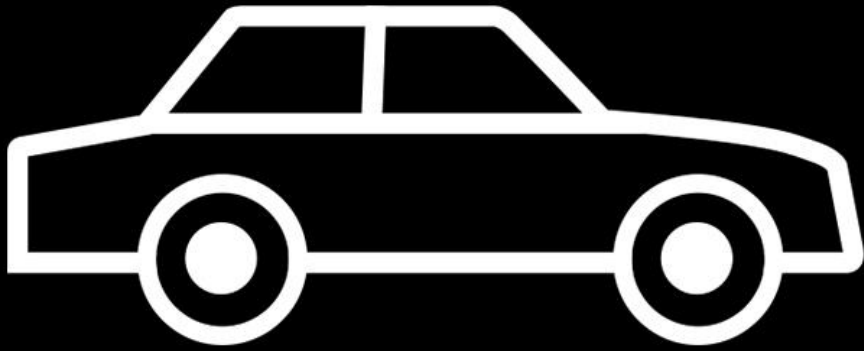




Utrecht, NL



Poble Nou, Barcelona



THIS ONE
RUNS ON MONEY
AND MAKES
YOU FAT



THIS ONE
RUNS ON FAT
AND SAVES
YOU MONEY

50% of car trips < 5 km