

URBAN

TRANSPORT

WITHOUT
THE
HOT AIR

VOLUME 1

SUSTAINABLE
SOLUTIONS
FOR UK CITIES

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Guess if you don't know...

What percentage of Manchester's commuters travel by tram?



Answer (from 2011 Census):

1.4% of Manchester's commuters travel by tram



Table of Chapters (first part)

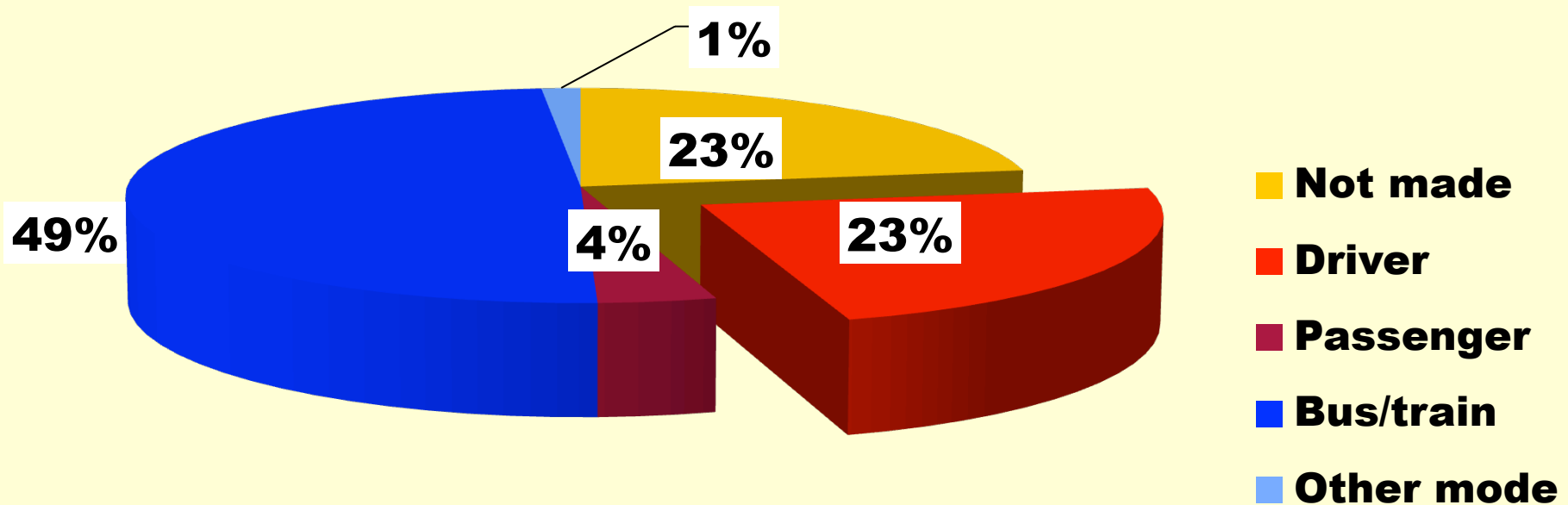
Part 1: Myths and Problems

1. The Problem
2. There Has Been a War on the Motorist
3. Roads and Airports Benefit the Economy
4. All We Need is Better Public Transport
5. Car Ownership Isn't a Problem – Only Car Use
6. You'll Never Get People Cycling Like the Dutch Over Here
7. The Car as 'Guest in Our Streets'
8. We Are Building Too Many Flats

Part 2: Sustainable Solutions

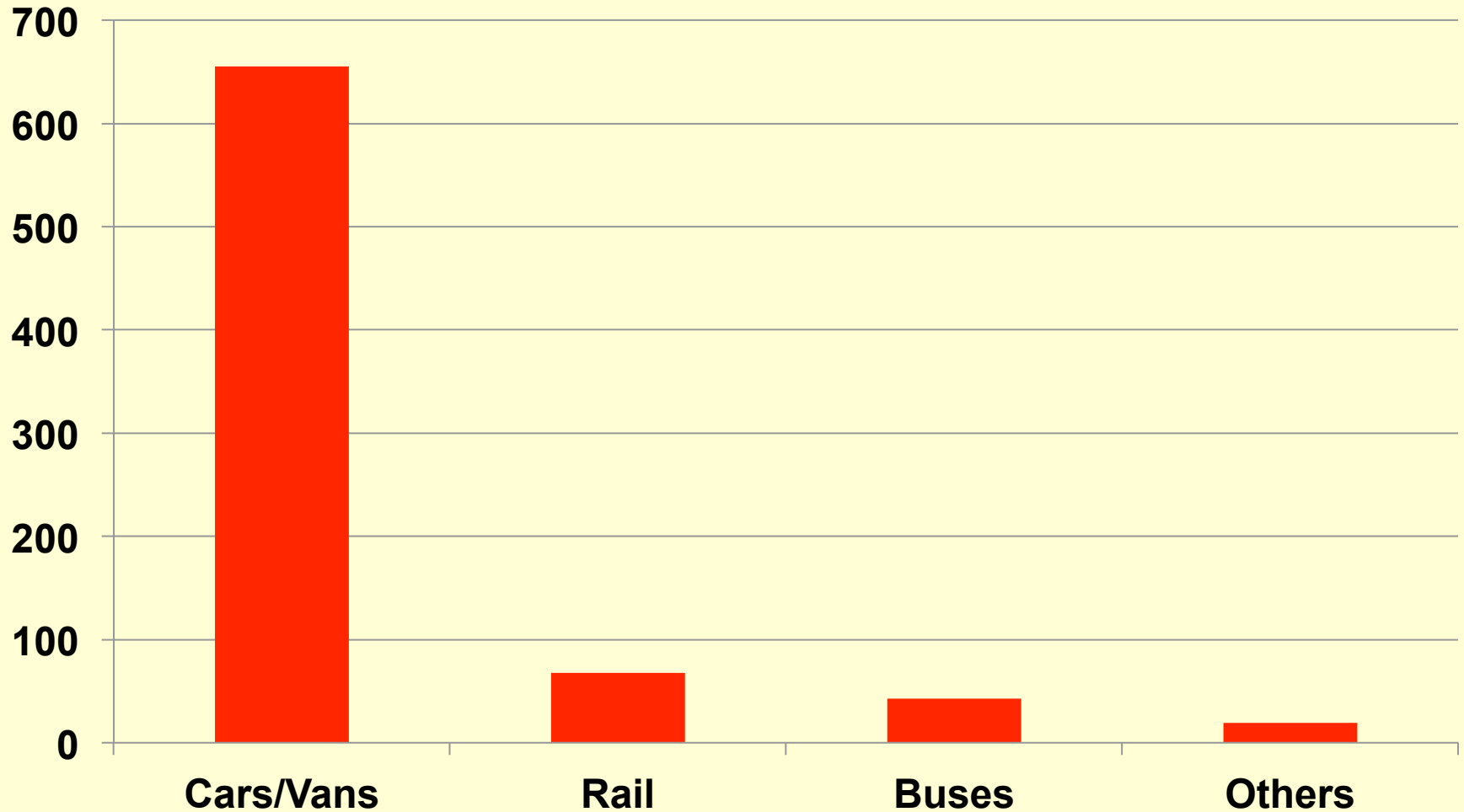
(Examples from European and British cities)

Manchester Metrolink mode previously used for this journey



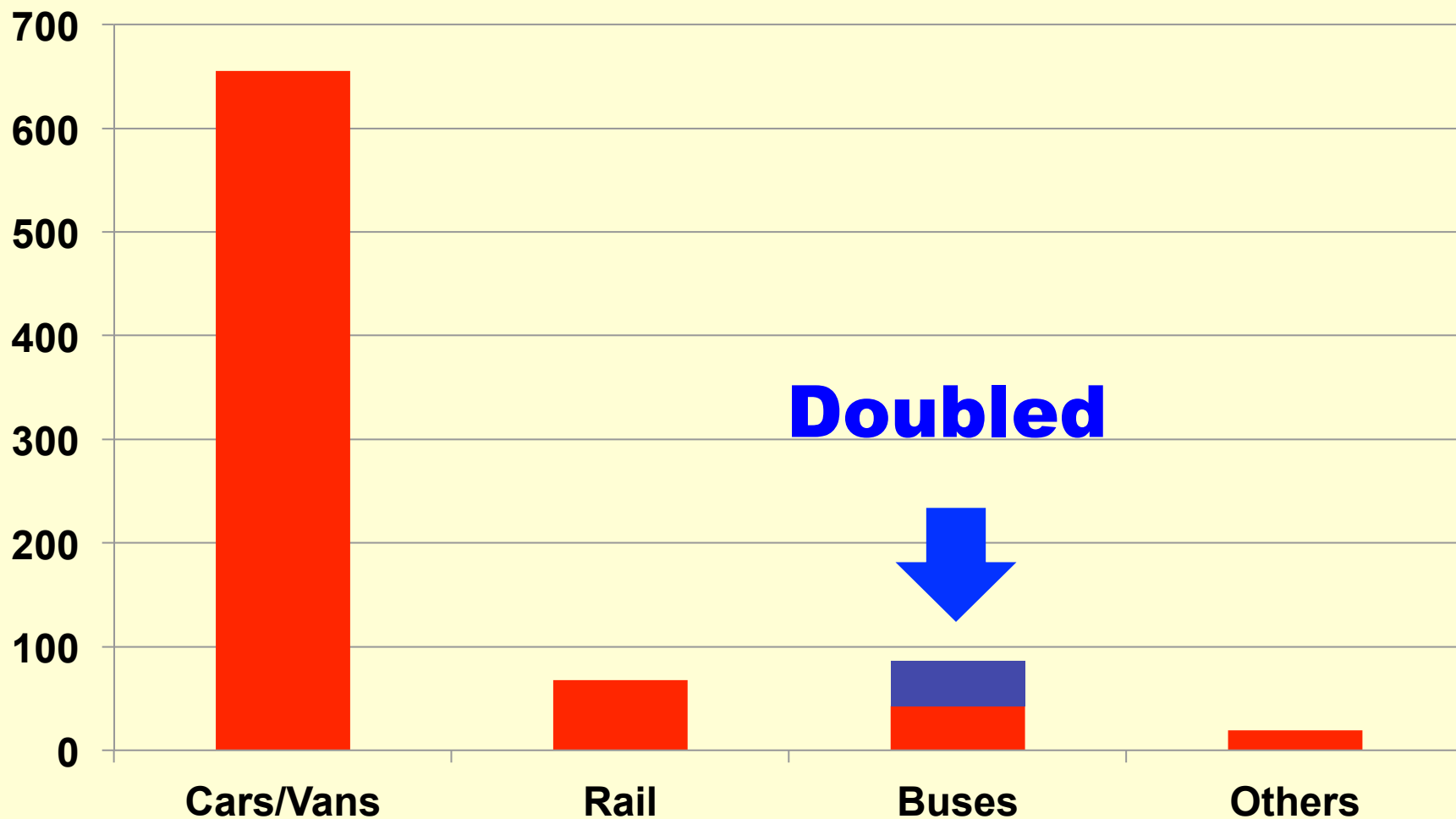
(Knowles 1996)

Passenger Km pa in Britain



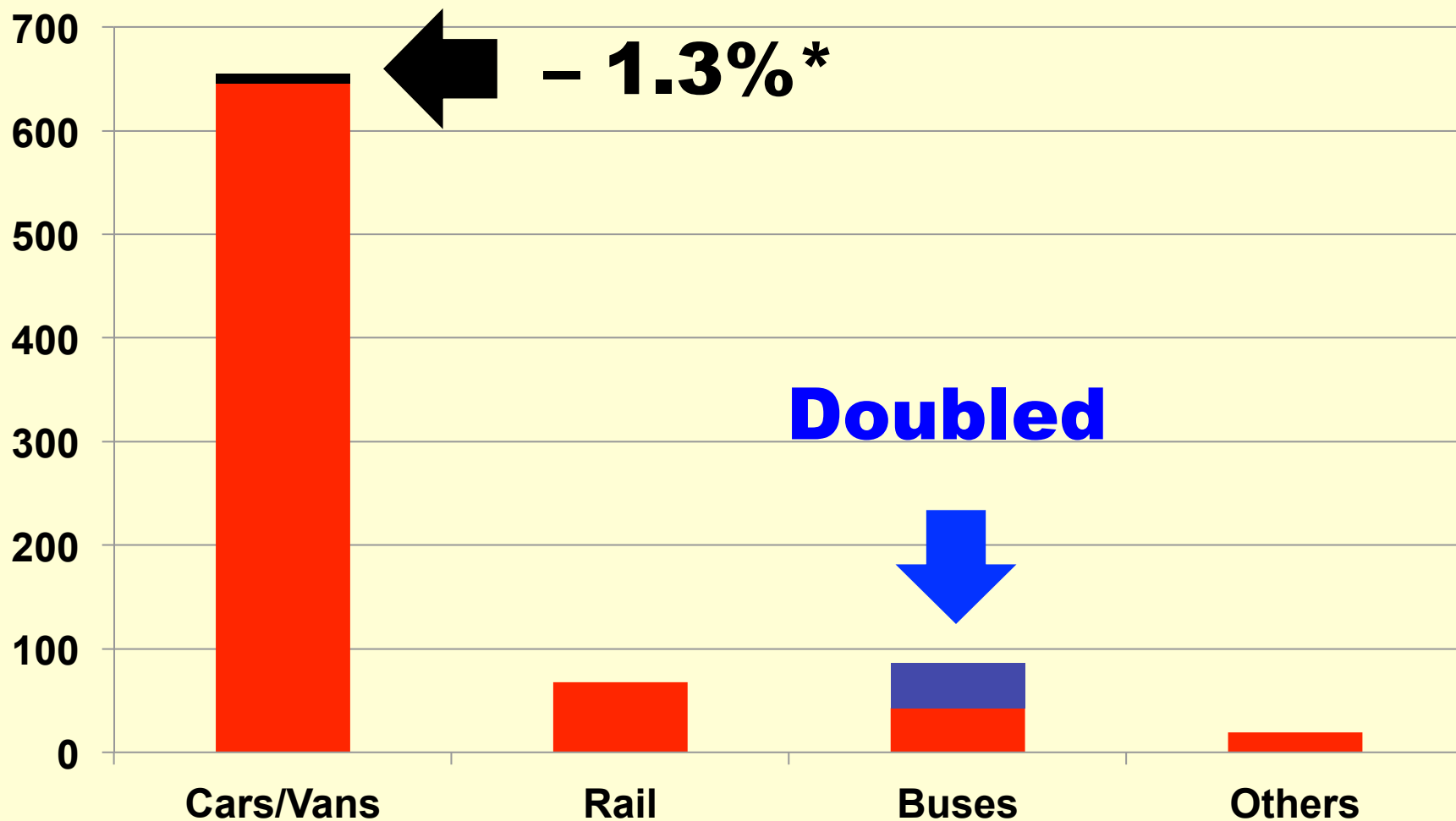
Source: DfT (2012) National Travel Survey Table TSGB 0101

Passenger Km pa in Britain



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Passenger Km pa in Britain



* Assuming 20% of additional bus mileage substitutes for car mileage



PART 2

Sustainable solutions

6 Case Study Cities



Freiburg



Groningen



Lyon



London



Brighton



Cambridge

What do these Cities Have in Common?

- 1. Modal shift away from car driving**
- 2. Rising population, and density**
- 3. Constraints on road space**
- 4. Some radical changes: closing roads, pedestrianisation etc**
- 5. Big investment in public transport and/or:**
- 6. Filtered permeability to encourage cycling**

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Part 1: Myths
Part 2: Solutions



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