

Barriers to increasing cycling in Dublin



The context

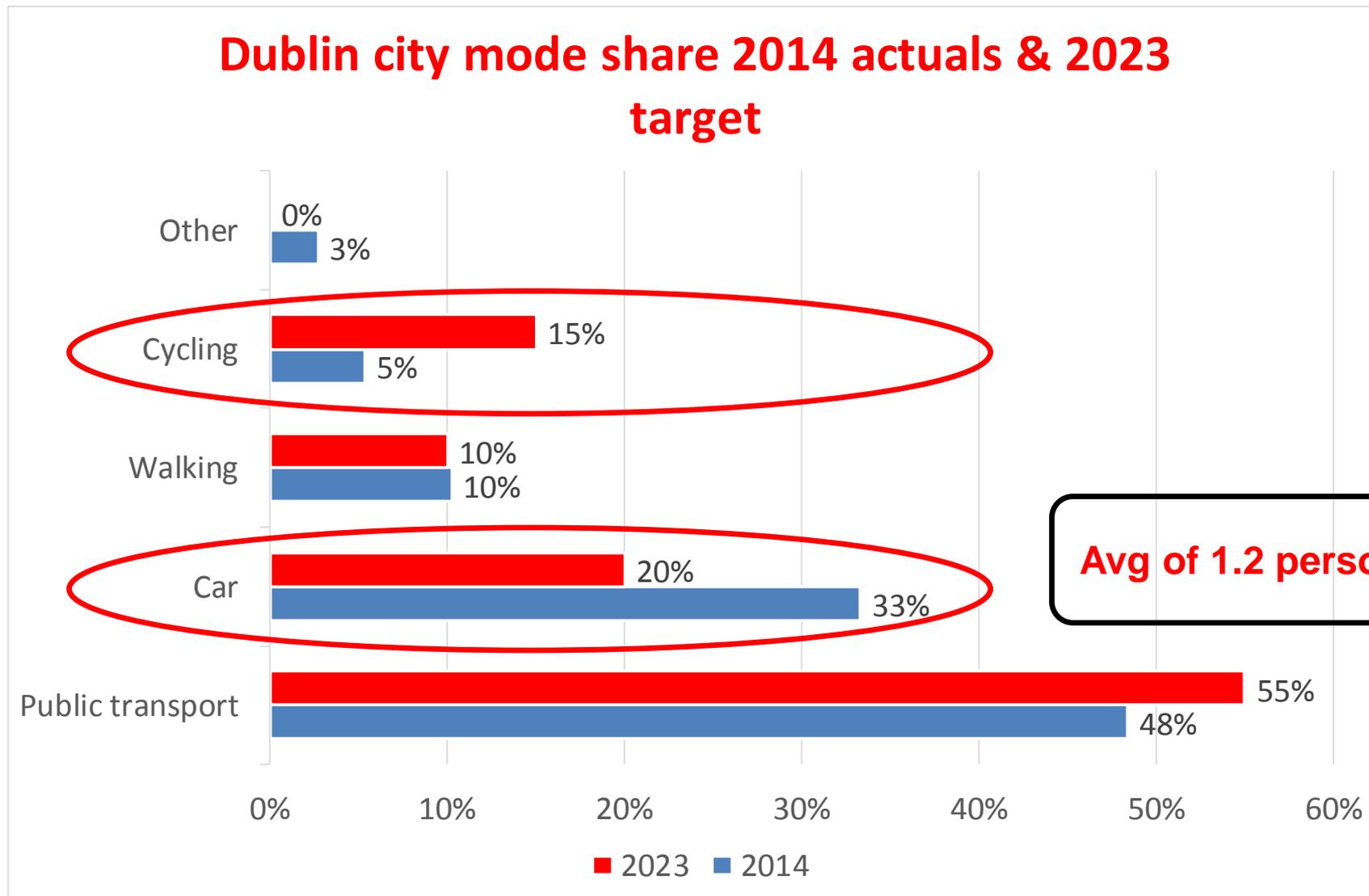
- City population growing.
- Traffic congestion increasing.
- Health & CO2 challenges.
- Shift needed from cars to cycling/walking/public transport.



Current situation

42,000 extra daily commuters expected in Dublin city by 2023.

The target for cycling is for a threefold increase.



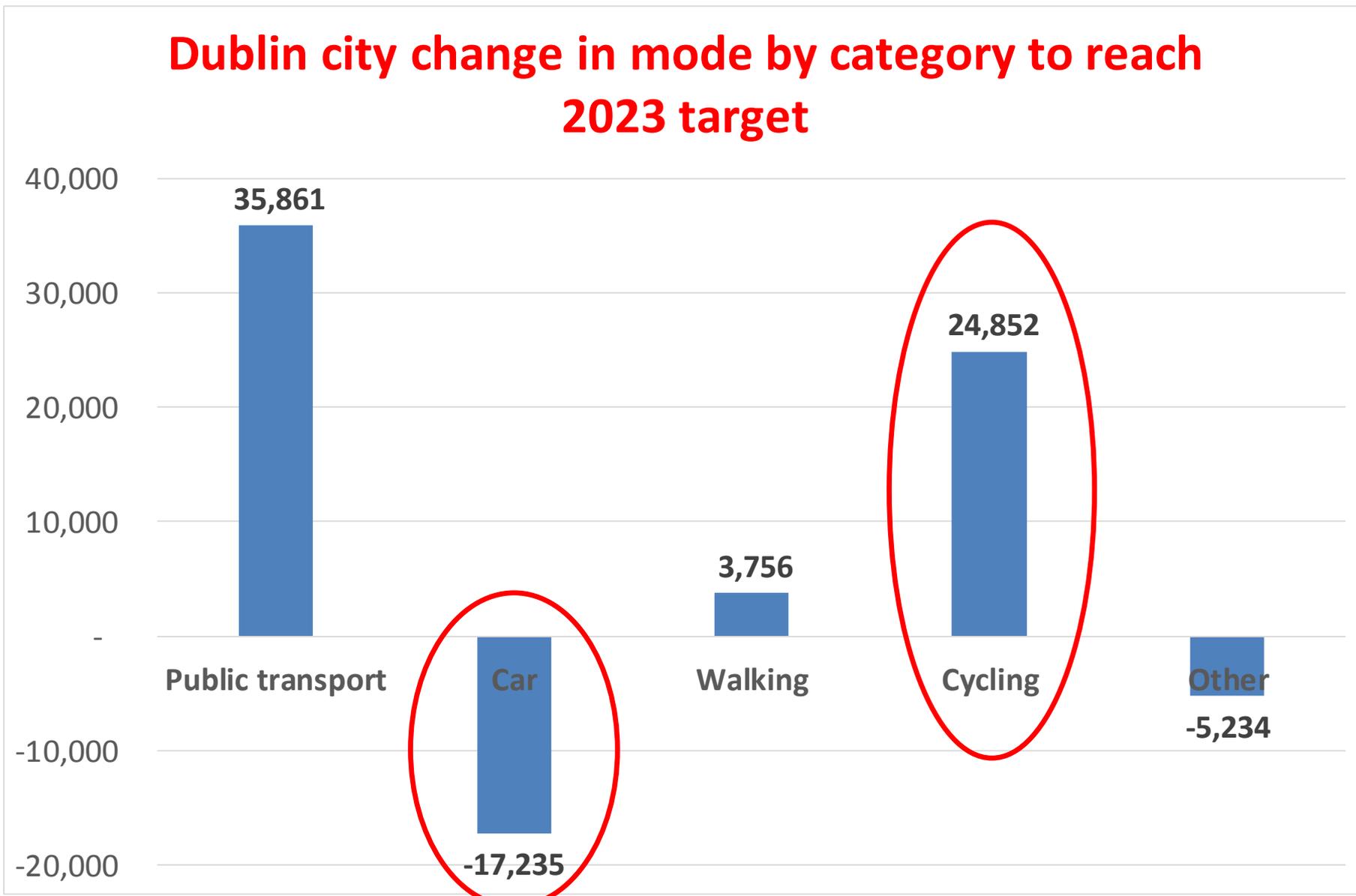
Source: Dublin City Transport Study 2015



For cycling: an increase to 35k from the current figure of 10k (+25k).

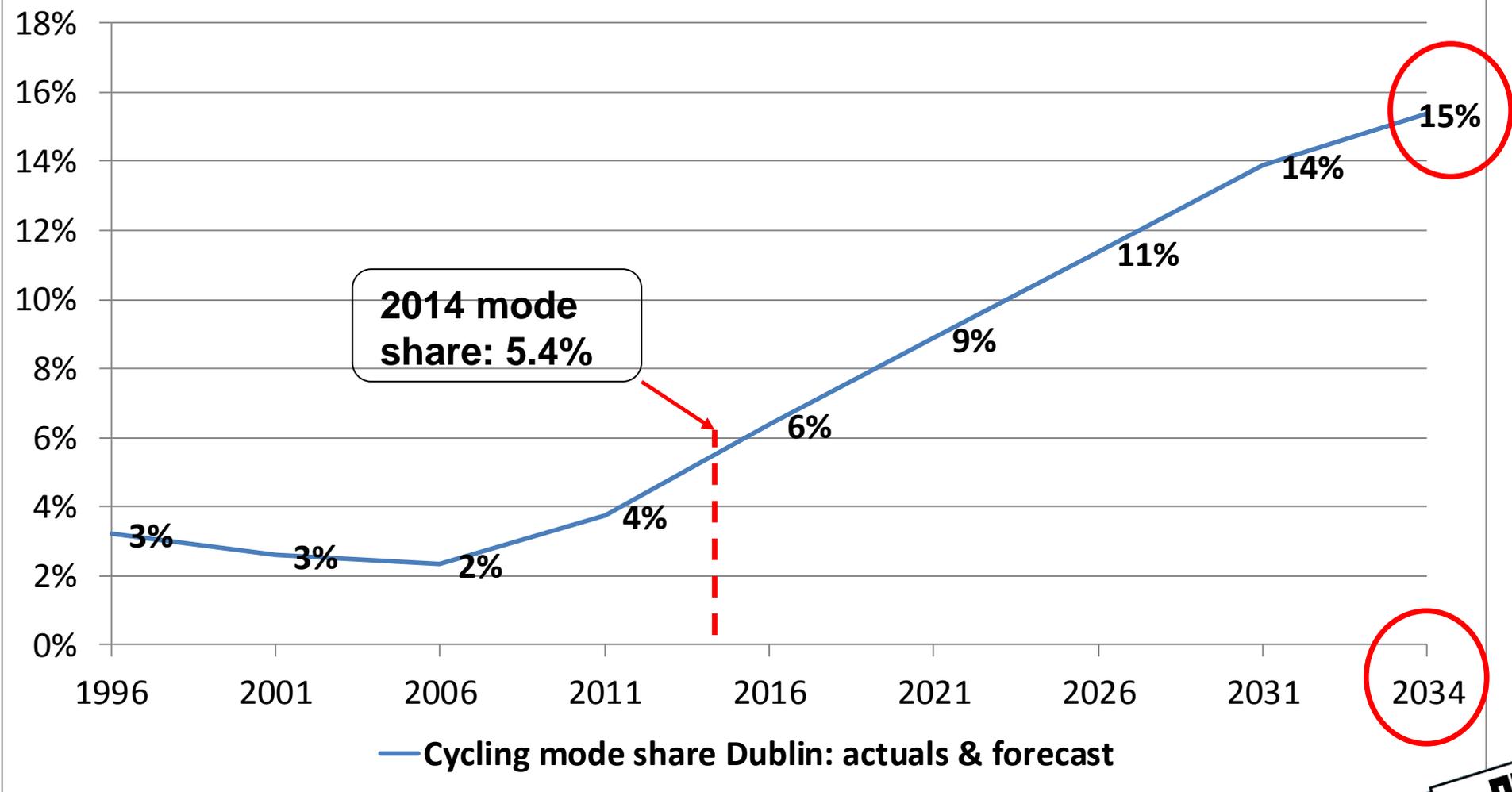
The main reduction is from cars, (-17k).

Dublin city change in mode by category to reach 2023 target



Current cycling mode share is 5.4%. At current rates, 2034 before 15% reached.

Cycling mode share Dublin City: actuals & forecast



Source: Dublin City Transport Study 2015



The Barriers

Perception of danger, bad weather

Danger:

Safety: a problem of danger

Subjective safety: a problem of fear



Weather:

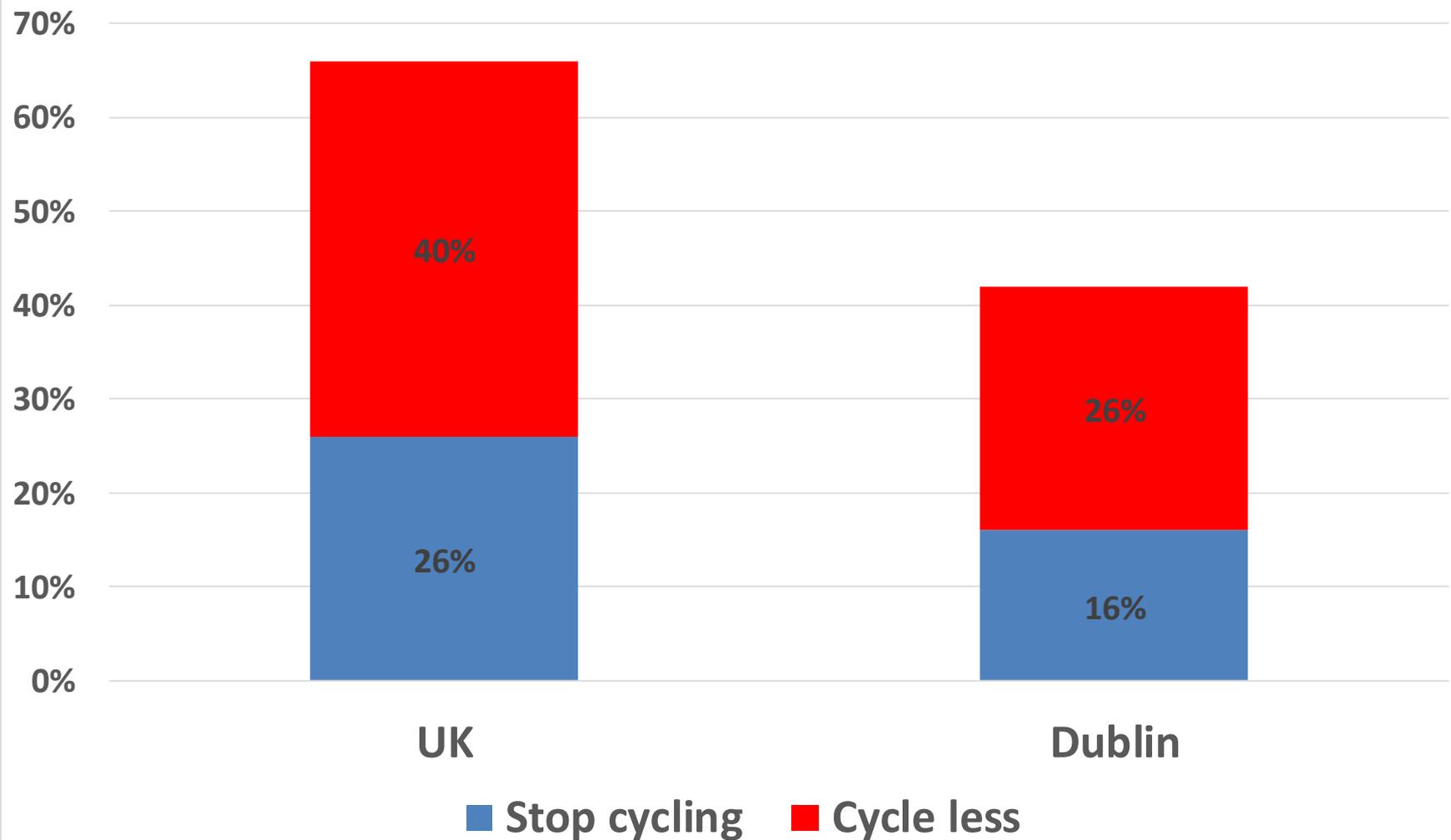
Dublin has similar rainfall to
Amsterdam and less than
Freiburg



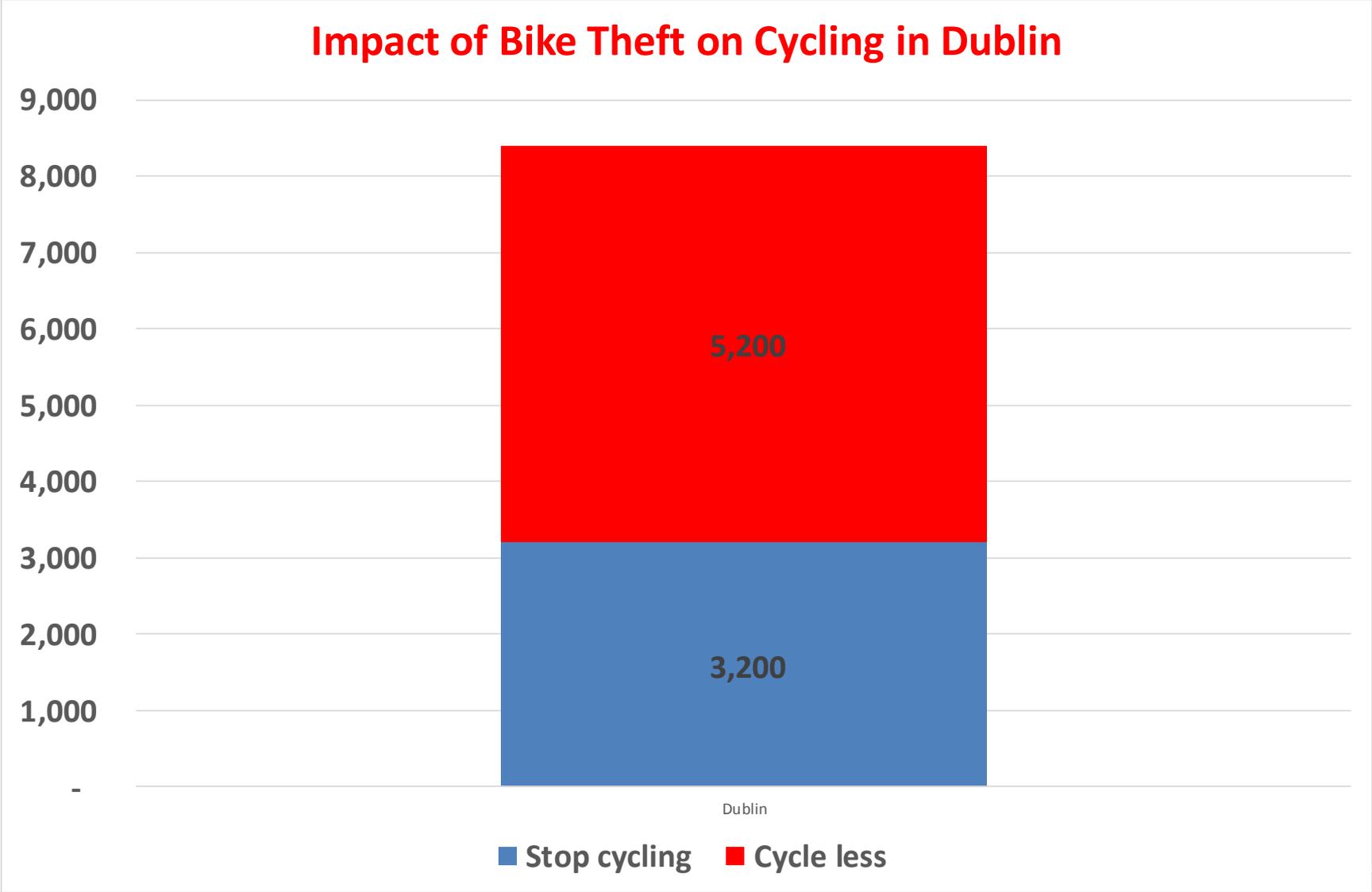
**DUBLIN
CYCLING
CAMPAIGN**

Strong link between bike theft & bike use

Impact of Bike Theft on bike use: UK & Dublin



With 20,000 estimated thefts per year in Dublin, we could be losing over 3,000 cyclists each year



Bike parking - bad practice

Apartment blocks, terraced houses & public streets



Best practice: Accessibility, Security & Safety

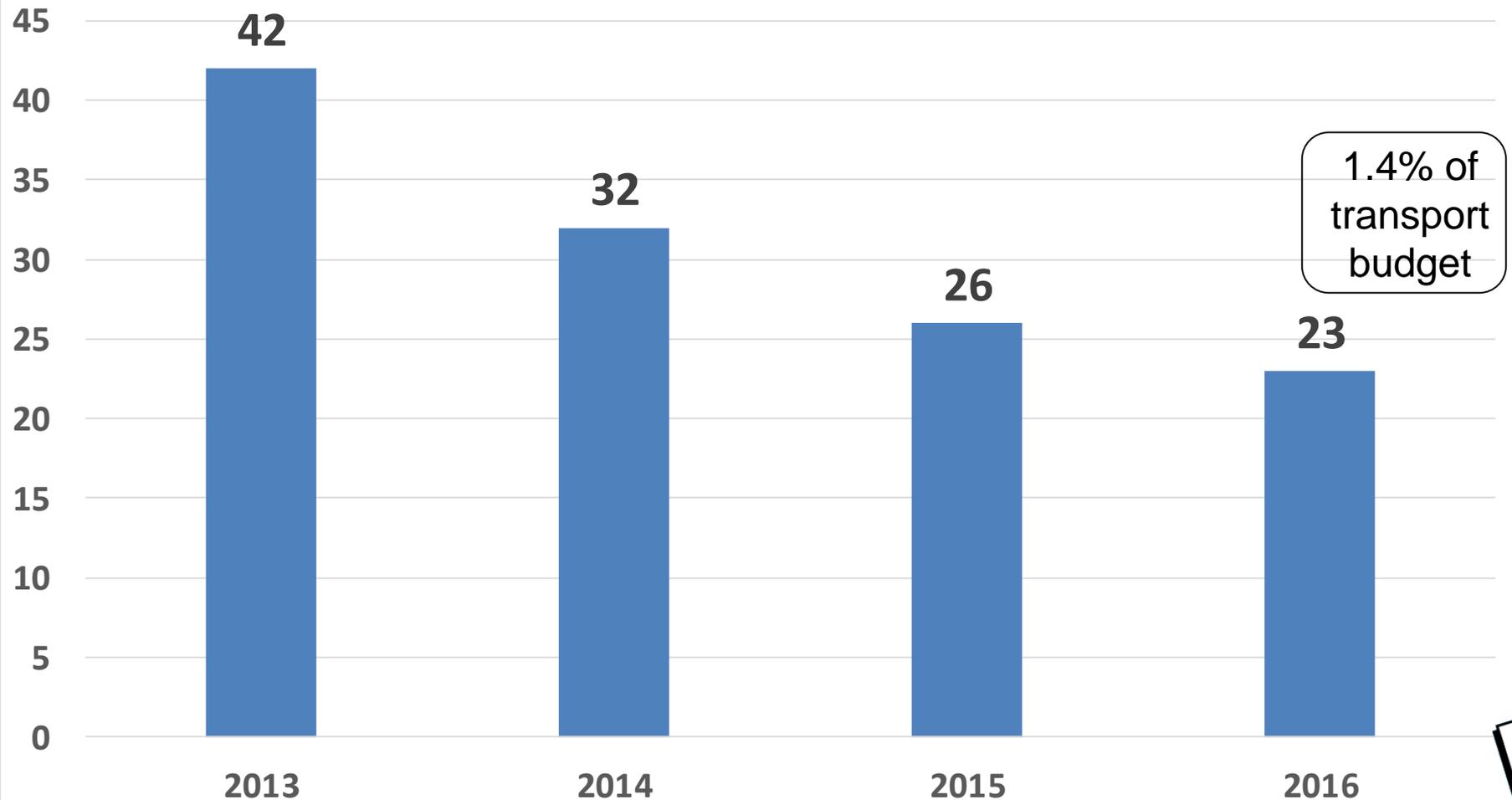


- Metal cage, covered.
- Close to apt entrance (accessibility)
- Sheffield hoops
- Well lit & no personal security issues
- Above ground with natural surveillance
- CCTV

Funding & staffing don't support targets

Transport budget €1.7bn. National target of 10% of journeys by bike by 2020 (currently 2.2%).

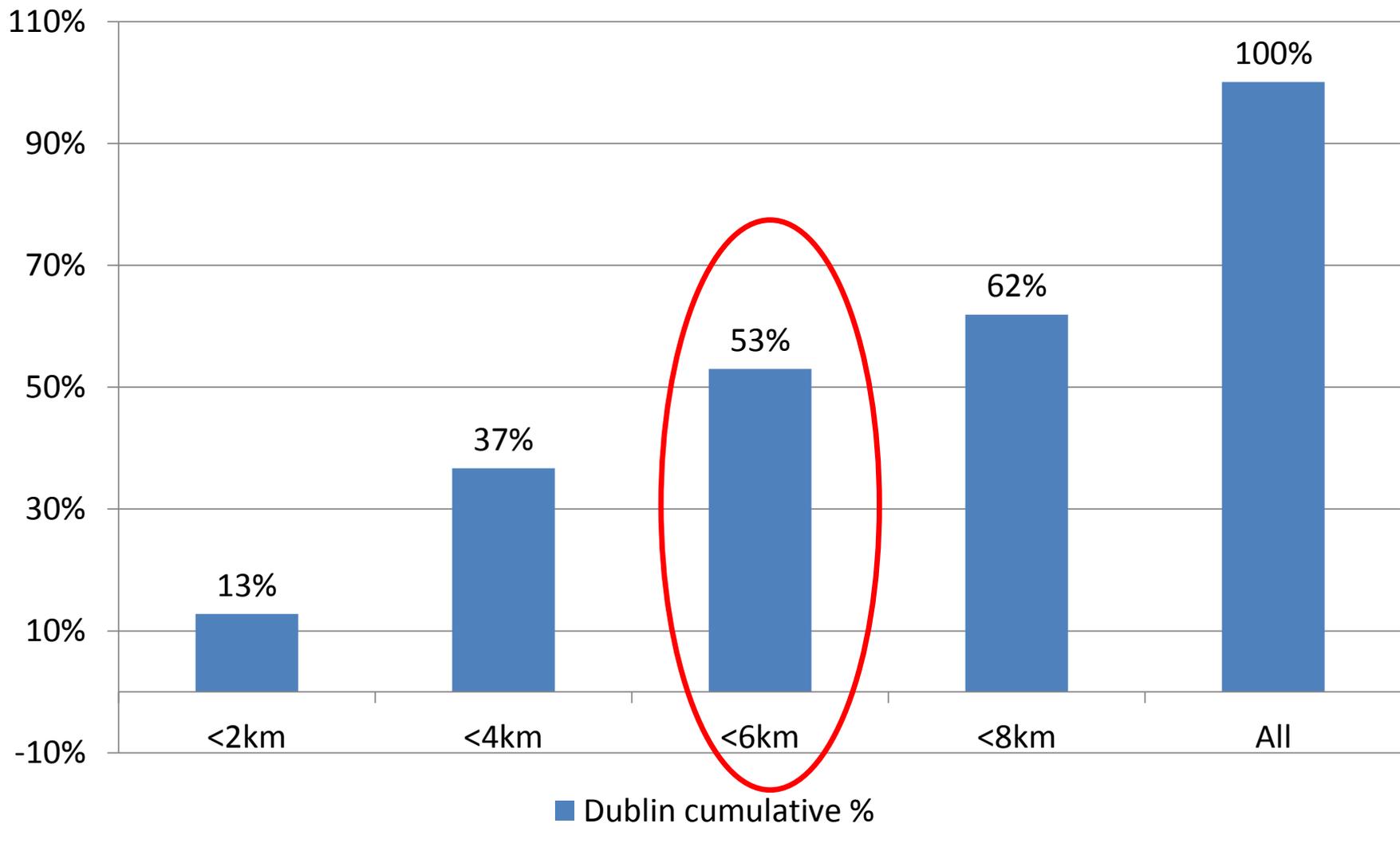
Sustainable Transport Funding Greater Dublin Area: 2013-2016 (M€)



Opportunities

53% of car journeys in Dublin are less than 6km. How can we convert these to cycling?

Distribution of journey distance by car for Dublin



Opportunities

- Cycling gender split: 70% men, 30% women.
- 200k living in apartment blocks...if we could fix bike parking..
- <2% of secondary school pupils cycle to school (Denmark 40%).
- Parking in cycling lanes – enforcement.
- Are people aware of the time & cost savings of cycling?
- Build case studies to prove the investment case for cycling.
- Cost to city of adding 5/10/15 mins to commuting times?