

## **ConnectedCanopies**

**Making Active Travel**

**Comfortable and Profitable**

## The Cost of Inactivity

### **Inactivity**

.Costs the NHS £7.4 BN p.a.

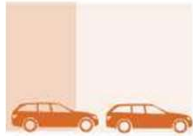
- Causes:
  - 1 in 6 deaths
  - up to 40% of long-term conditions
  - 37,000 deaths p.a.

*Source:* Public Health  
England



## Transport Modes Capacity

Public transport, walking and cycling are efficient and low carbon



**PRIVATE MOTOR VEHICLES**  
**600–1,600/HR**



**MIXED TRAFFIC WITH FREQUENT BUSES**  
**1,000–2,800/HR**



**TWO-WAY PROTECTED BIKEWAY**  
**7,500/HR**



**DEDICATED TRANSIT LANES**  
**4,000–8,000/HR**



**SIDEWALK**  
**9,000/HR**



**ON-STREET TRANSITWAY, BUS OR RAIL**  
**10,000–25,000/HR**



## Promoting Walking and Cycling

- Public realm designed to make walking first choice
- Walking and cycling facilities attractive and safe



## But What Happens When It Rains?





## People Seek Shelter

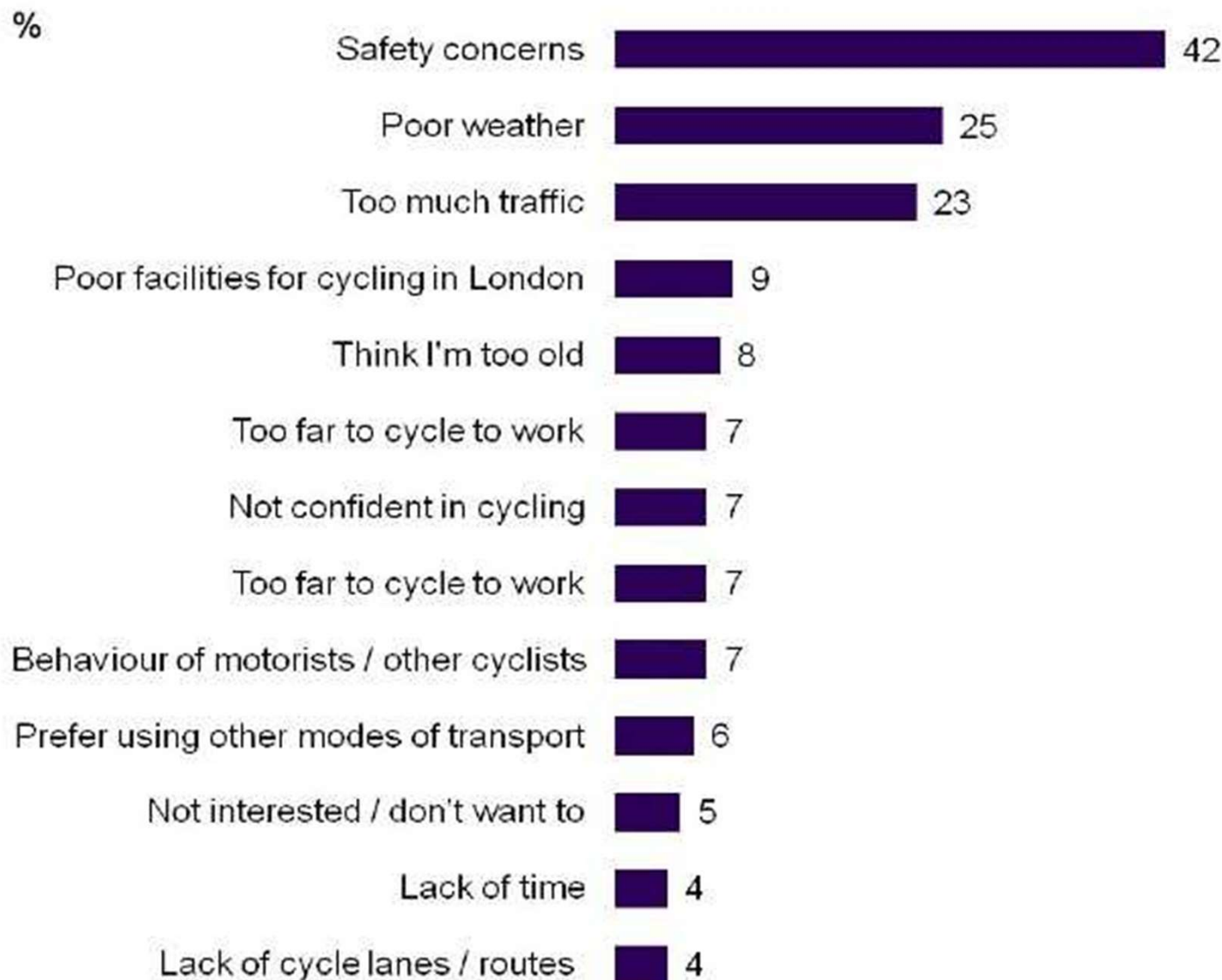


## Even Hardened Cyclists





## TfL Report – Deterrents to Cycling





## Protection from the Elements



## *Connected*Canopies for Housing



## ConnectedCanopies for Parking





## *Connected*Canopies for Walkways



## ConnectedCanopies for Shopping



## But How To Pay For It?

- Transparent photovoltaic glass





## Solar Bus Shelter – Canary Wharf

.Generates enough electricity to power the average London apartment.



## Free Streetlighting & Protection

.Generates  
enough electricity  
to power the  
streetlights and  
make a profit



When googling be sure to type

ConnectedCities

(all one word)



Polysolar

**ConnectedCanopies**

Lighting the World for Active Travel