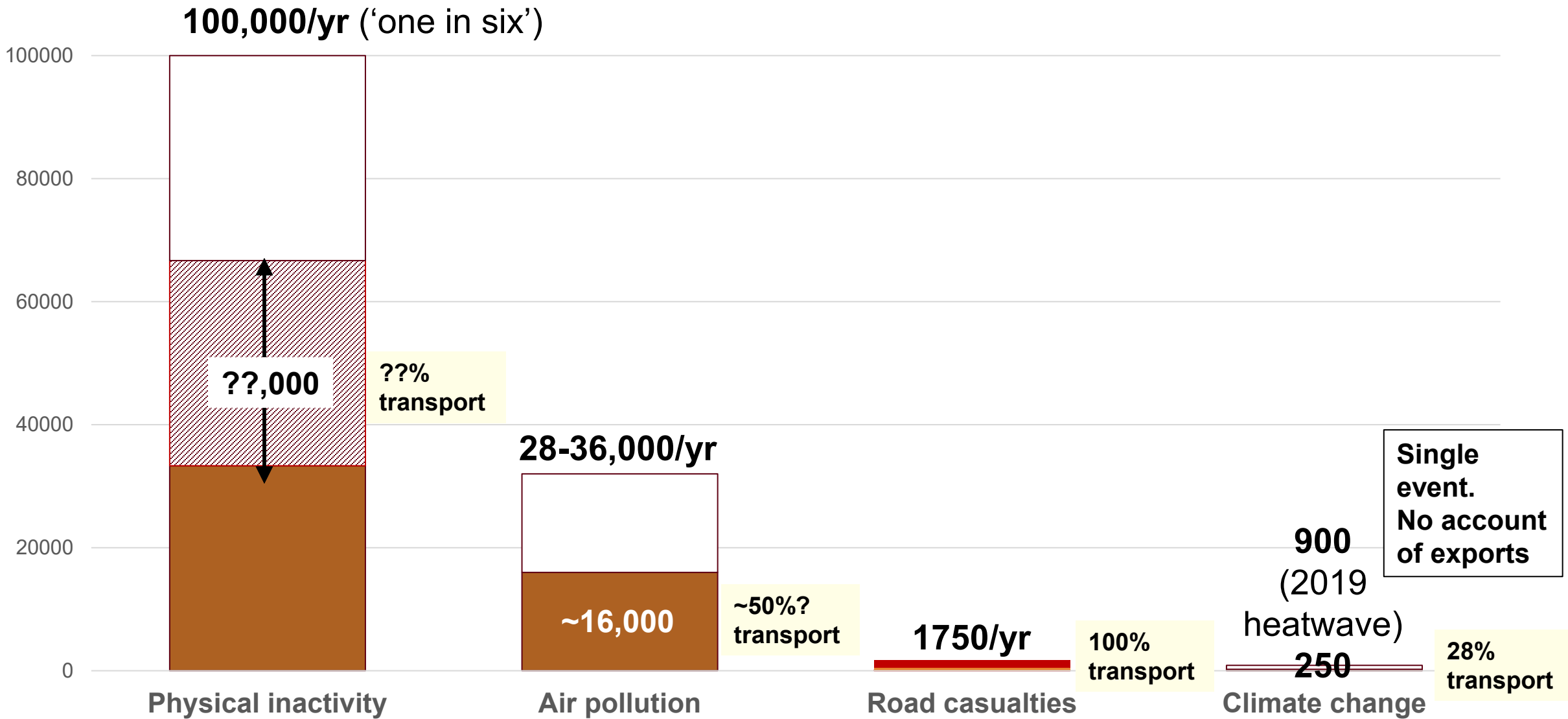


TRANSITION Clean Air Network – Active Travel Perspectives –

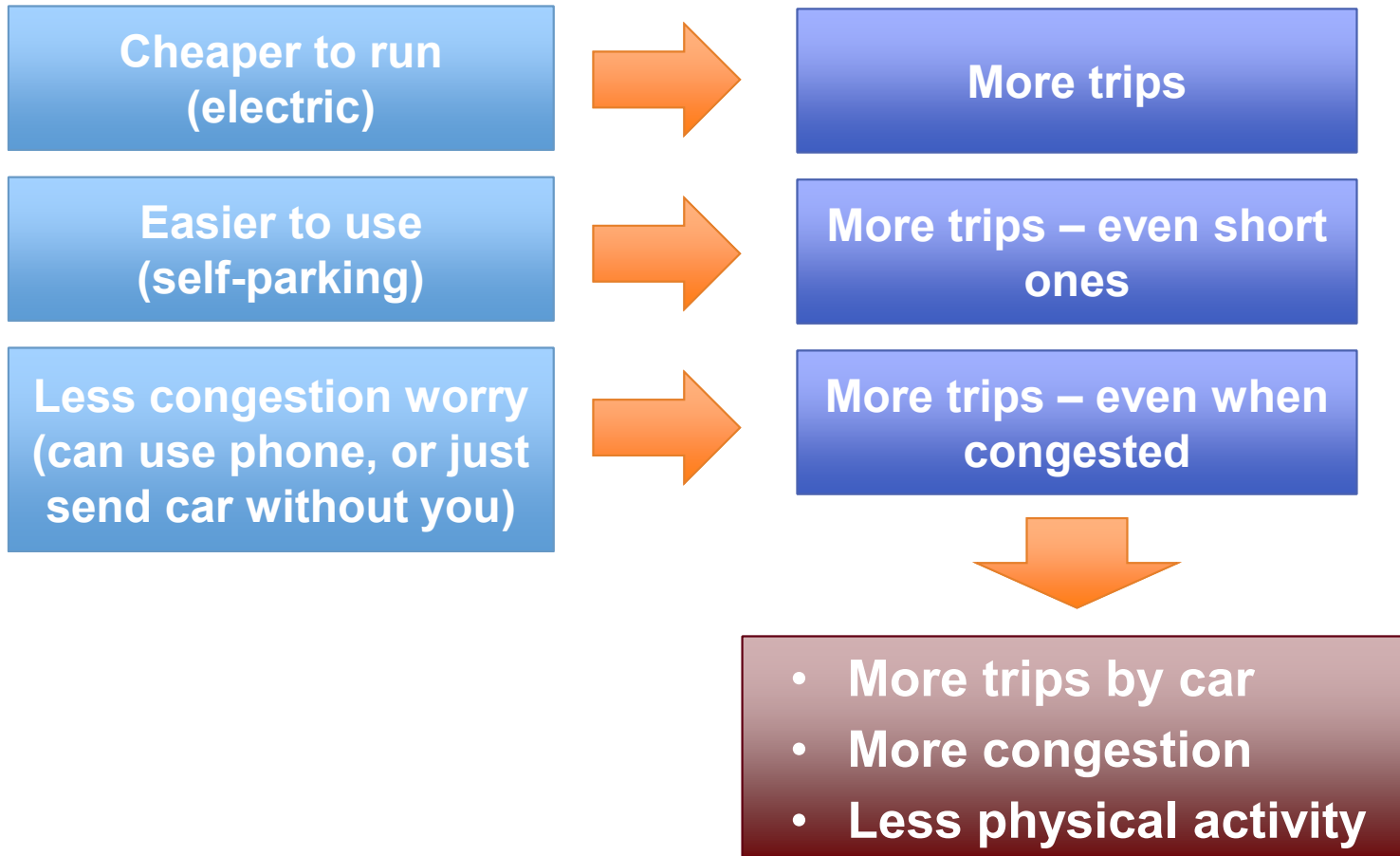
Robin Tucker
24 November 2020

UK Deaths from transport-related causes



Electric and Autonomous cars – could make it worse

Imagine the future of electric self-driving cars



Further reading
The original article on this:



Will a World of Driverless Cars Be Heaven or Hell?
Robin Chase, 2014,
Bloomberg CityLab

Active travel is the vaccine

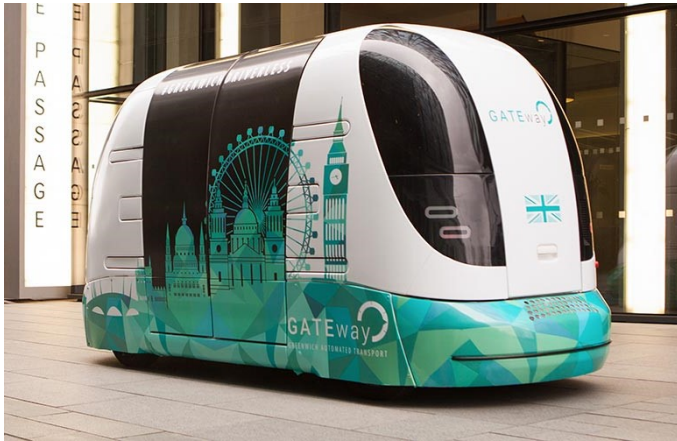
Against:

- Air Pollution
 - Physical Inactivity
 - Climate Change
 - Road Casualties
-
- Poor respiratory health
 - Traffic congestion
 - Social Inequality
 - Consumer debt
 - Community breakdown
 - Local shop closures
 - Loneliness
 - Low self-confidence
 - Lack of personal freedom
 - Not having fun



The full solution is an integrated system

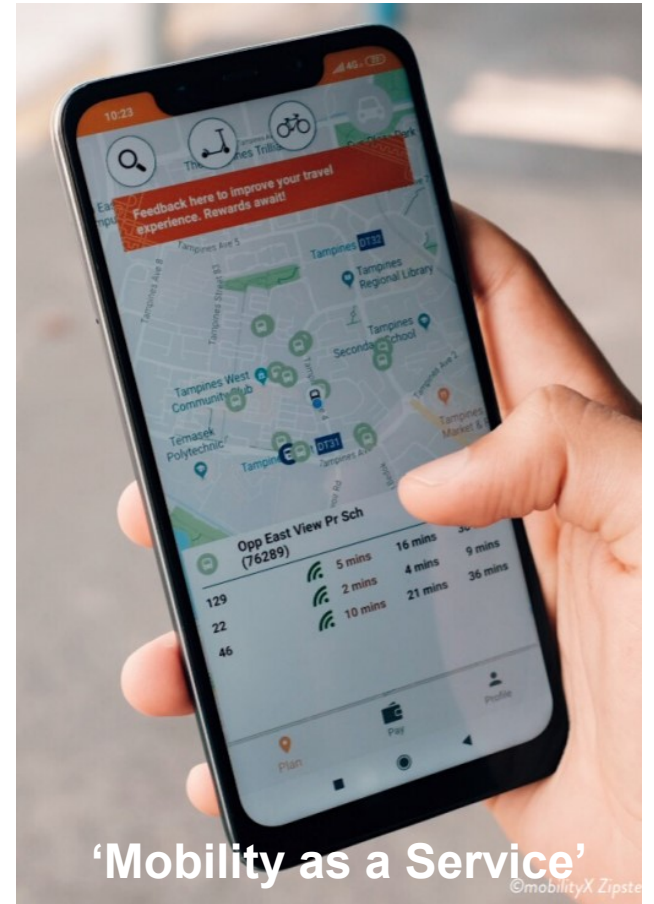
Public & Shared Transport



Active Transport



Make each trip a decision & Connect active and public/shared segments



'Mobility as a Service'

©mobilityX Zipster

We know how to make good cycle routes

Accessibility for all

Coherent



Direct



Safe



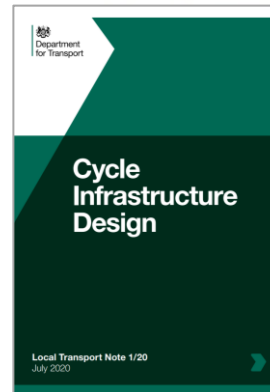
Comfortable



Attractive

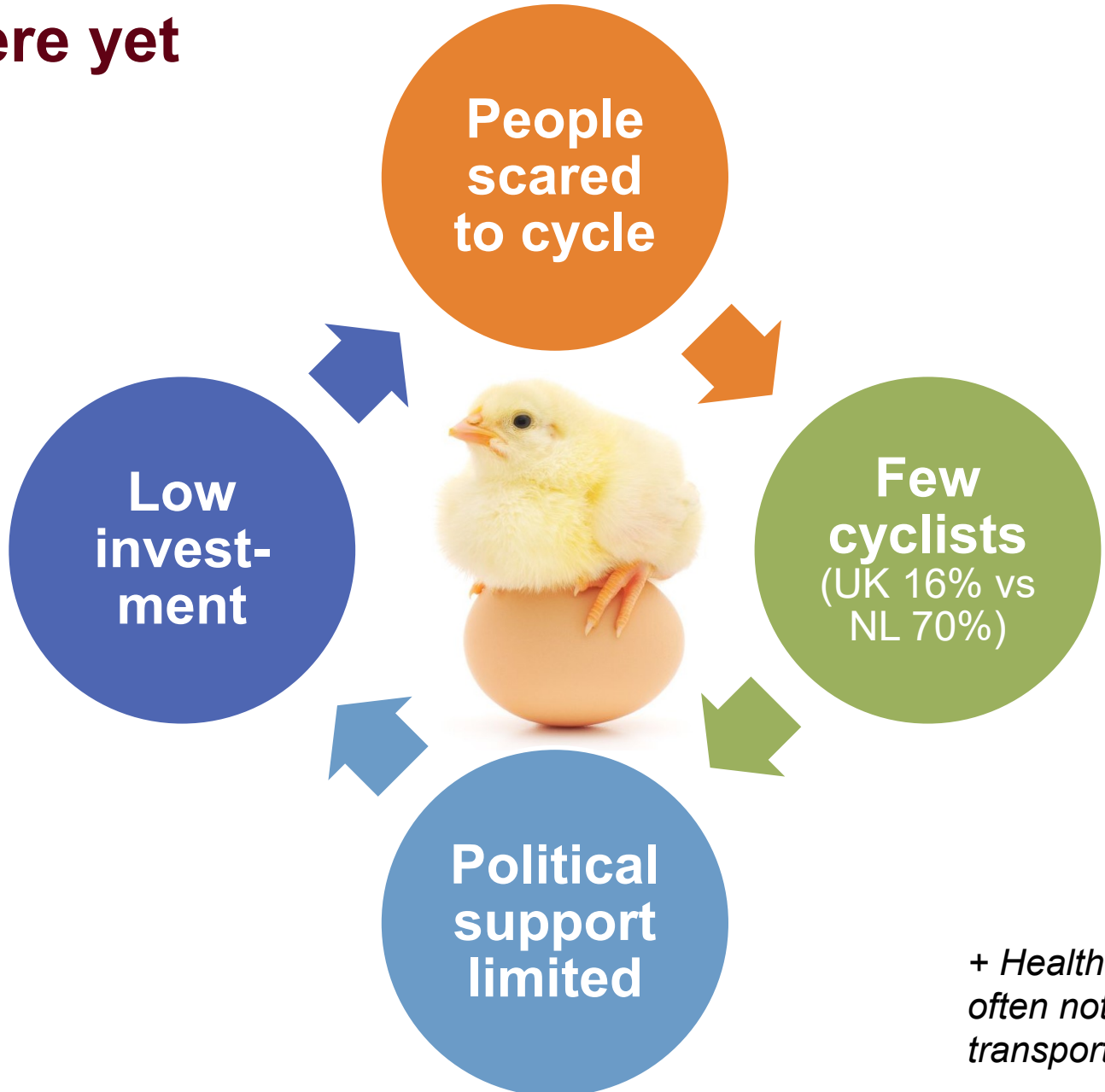


5 Core Design Principles
Adopted from the Dutch



Now in UK standards
LTN 1/20

But we're not there yet



+ Health and climate impacts often not considered in e.g. in transport and housing decisions

TRANSITION can make a difference

Improving the evidence base for policy decisions

- **How much of air pollution is transport related?**
 - What happened in lockdown?
- **How much from what sources?**
 - Transport modes and types
 - Indoor/outdoor?
 - Tail pipes vs. brake pads & tyres?
- **What is the link between air pollution and physical activity?**
 - How much does physical activity protect you from pollution
 - Or does it expose you to it?
 - Can we add to the physical activity evidence base too?