

# Farnham Air Quality

(presentation from the  
Farnham Pollution Summit)



Richard Homewood,  
Head of Environmental & Regulatory Services

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Waverley  
BOROUGH COUNCIL

# Farnham Air Quality Mgt Area

2019 Air Quality Annual Status Report

Overall improvement in air quality in Waverley

Concerns remain in Farnham

- **AQO exceeded at five sites** (only one at RR (Farn 18))
  - Two in AQMA, three outside AQMA
  - May need to review boundary of AQMA

Additional diffusion tubes installed on Station Hill

Further Air Quality Modelling across Surrey

# Farnham Air Quality Mgt Area

Diffusion Tube sites  
Farnham

Annual NO<sub>2</sub> AQO 40.0 µg/m<sup>3</sup>

Farn 2 41.3 µg/m<sup>3</sup> (26.3)

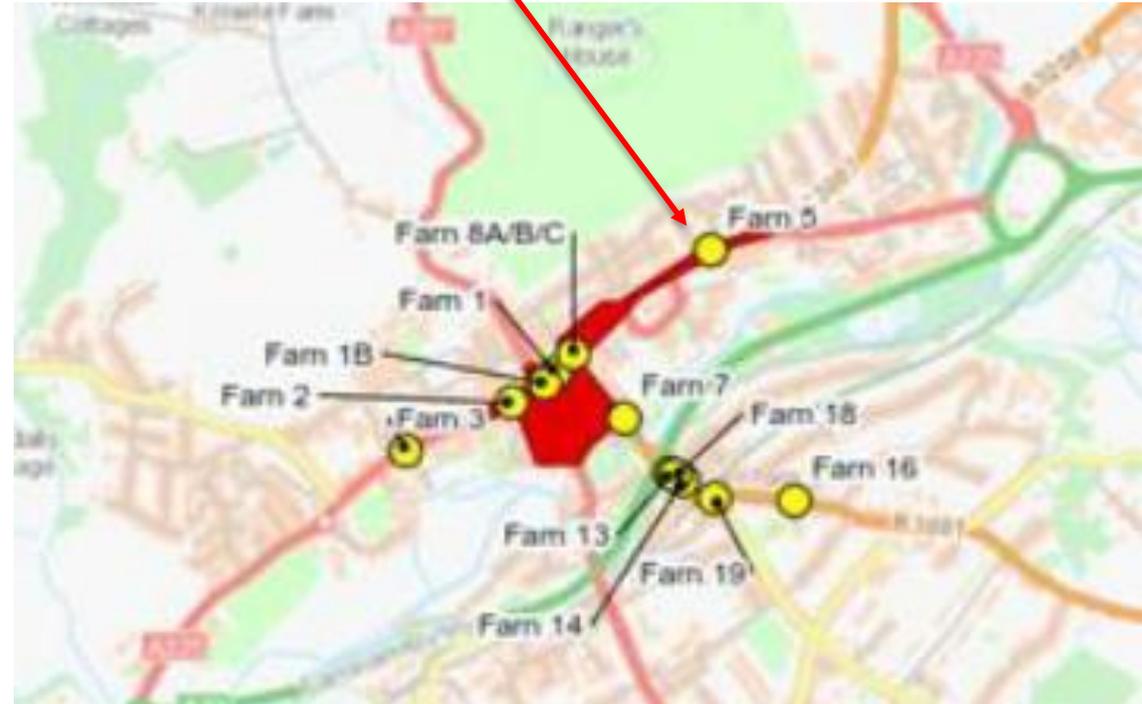
Farn 5 41.4 µg/m<sup>3</sup> (35.9)

Farn 12 48.1 µg/m<sup>3</sup> (no RR)

Farn 14 47.2 µg/m<sup>3</sup> (38.0)

Farn 18 42.9 µg/m<sup>3</sup> (at RR)

Legal pollution limits exceeded  
as far out as the fire station





# Lessons from Other Urban Areas





# Facts from The Netherlands

Dutch car ownership %age is similar to the UK

Netherlands is the most satisfying place in the world to drive a car

(Waze app survey 2015, 2016, 2017 of 235 cities in 38 countries)

Rotterdam was levelled in 1940 by bombing making 85000 homeless. It was rebuilt under the post-war Marshall Plan as car-first city. In the 1970s residents grew disillusioned with pollution, congestion and road fatalities.

Netherlands is the only EU country to reverse its rates of obesity

(WHO 2015 report)

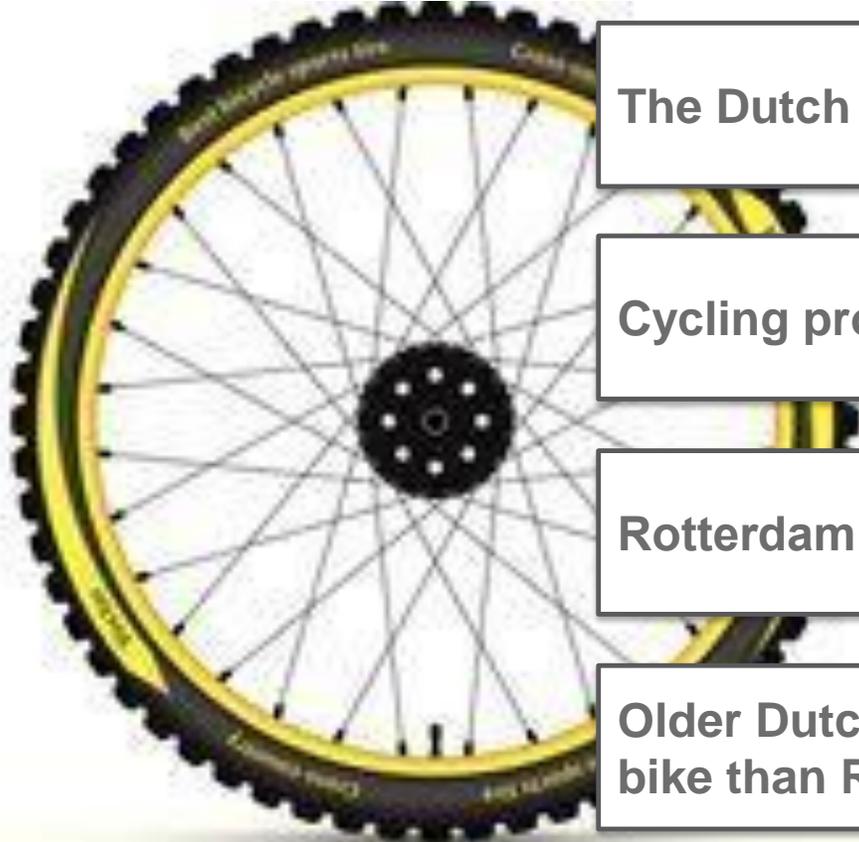
Dutch cycling levels prevent 6500 deaths per year saving 3% of GDP

(Utrecht University)

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# Conclusions from The Netherlands



The Dutch choose to leave their cars at home

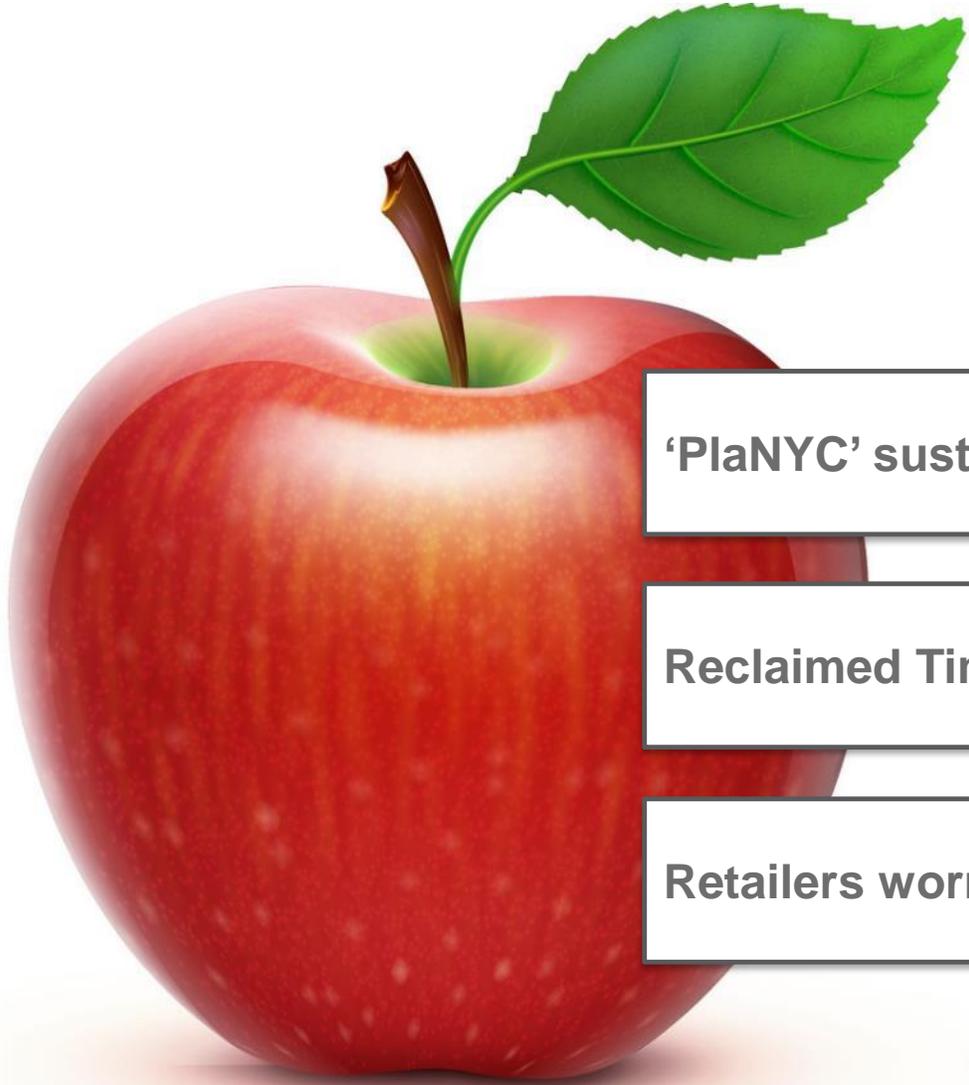
Cycling produces huge health & economic benefits

Rotterdam has transformed itself from being the Dutch 'car city'

Older Dutch cities with narrow streets have even higher % journeys by bike than Rotterdam



# Meanwhile in New York



**'PlaNYC' sustainability plan: build 400 miles of bike lanes**

**Reclaimed Times Square for pedestrians & cyclists**

**Retailers worried about bike lanes saw a 49% increase sales increase \***

\* 'Building the Cycling City' – Melissa & Chris Bruntlett

# 20mph Speed Limit

## 20's Plenty for Us

...making your place a better place to be

Reduces pollution, noise and increases safety

Being implement locally in Kingston, Richmond, etc

Automatic fitted to all new cars by 2022 \*

Farnham cost circa £70K if implemented at edge of town

Reduces the need for cycle tracks in residential areas, increases cycling and walking

\* Less need for police enforcement with speed limiters. Cameras and GPS to control car speed. An EU law that will be applied to the UK after Brexit.

## WELSH GOVERNMENT SAYS '20'S PLENTY WHERE PEOPLE LIVE'

First Minister of Wales, Mark Drakeford, made a historic announcement that "The Welsh government believes that 20mph zones should be the default speed limit for residential areas."





# 4 Short Term Proposals for Farnham

Build a segregated cycle track through the town centre to link to existing routes

Extend existing cycletracks network e.g. Weyside Greenway up to Homebase

Introduce a '20s plenty' speed limit

Introduce a town centre 7.5 tonne weight limit



# Possible Timescales for Farnham

Approved builds, occupation starts 2021

400 new parking spaces in  
Brightwells Yard Development

Ready 2021

139 new flats in Woolmead  
Development

120 new homes in Crondall Lane

Ready 2023

95 new homes, Folly Heights

1. Four pollution solutions proposed

2. Pedestrianisation

Ready 2025-30

350 new homes, Badshot Lea

3. Hickley's corner and/or a bypass

Air Pollution  
Traffic Congestion  
Parking Congestion  
Struggling retail  
Lorries shaking homes

*"Reclaim our town"*



[www.farnhamcyclecampaign.org.uk](http://www.farnhamcyclecampaign.org.uk)



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