

Boilers on Prescription

The Gentoo story so far

Paul Burns, Green Futures Manager
Gentoo Group





“Gentoo is a large North East social enterprise with a vision to improve the Art of Living. Our activity is focused around people, planet and property.

We invest the income from our property activities, along with the talent and energy of our team, into solutions that tackle societal issues and enable people to realise their true potential and achieve their aspirations.”

**Peter Walls, Chief Executive
Gentoo Group**

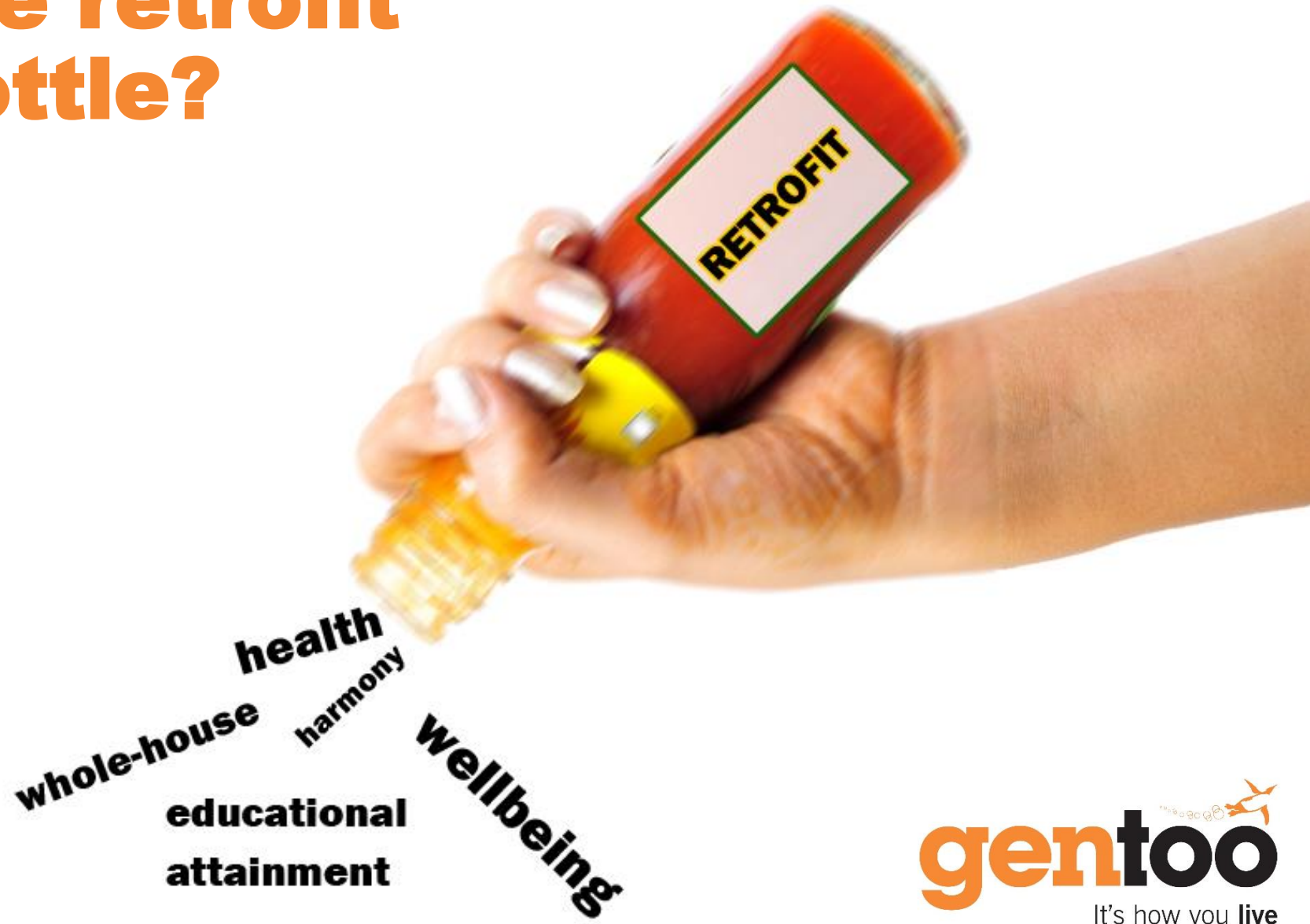
the



Expected savings & findings

- Did the technology perform
- Analysis to understand savings
- Carbon, energy & bill savings to customer
- Before vs. after work to paint full picture of situation
- Understanding behaviour

What else is in the retrofit bottle?



Life Expectancy

Hendon



Average Life Expectancy

67

For every metre travelled...

1.5 days

is lost on the average life expectancy

13 year difference

Distance
1.8 miles

Fulwell



Average Life Expectancy

80

“

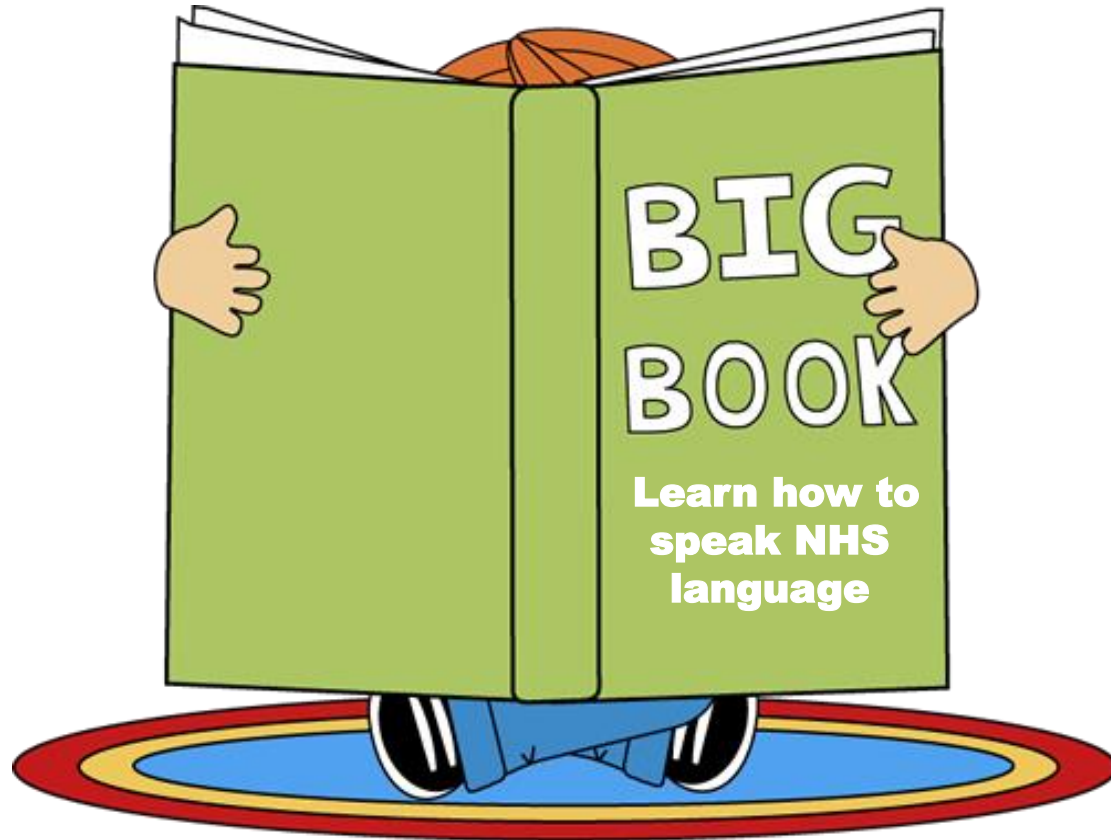
Your postcode should not influence your life expectancy.

Its information for your postman.

Not for a targeted marketing campaign for an undertaker.

”

The next 18 months...



Better Health for Sunderland

Transforming out of hospital care
(through Integration and 7 day
working)

Reduce
Emergency
Admissions by
15%

Improve patient
experience of out of
hospital care above
England average

Reduce
Emergency Re-
admissions by
14%

Transforming in hospital care,
specifically urgent & emergency
care (7 day working)

Increase no of
people receiving
treatment for
IAPT from 12%
to 16%

Improve patient
experience of
hospital care
above England
Average

Improve health
related quality
of life for people
with LTC by
11%

Self Care and
Sustainability

Reduce years
of life lost by
7%

Improve
diagnosis of
dementia to
from 62% to
68%

Transformational Changes 2014-2016

7 Day Access

Community Integrated Locality Teams

Extension of intermediate care hub

Improving healthcare in care homes in all localities

Implement end of life deciding right initiatives in practices

Mobilise GP led UCC's and A&E Hub / Out of Hours integration

Improved community mental health pathways, access and waiting times for all mental health conditions

Development of dementia friendly communities

Procure and mobilise the integrated musculoskeletal service

Reduce procedures of limited clinical value

Enabled by

Contract Management (CQUIN)
Joint Commissioning
Localities
Medicines Optimisation
Evidence based approach
Research & Development

Governed by

System Wide Transformation
Board
CCG Governing Body
Health & Wellbeing Board

Measured by

Achievement of outcome
ambitions
Delivery of QIPP cost reduction
plan 2016/17 – 2018/19 of £12m

Values and Principles

One system for health and Social
Care
Development of team based
working across Sunderland
Mental and Physical health

Quality-Adjusted Life Year

QALY = length of life x quality of life

The QALY is a measure of disease burden, which evaluates the impact of disease (or treatment) on both length and quality of life

A QALY is calculated by aggregating the length of time spent in a particular health state, weighted by the relative value of that health state; valued between 0 (death) and 1 (perfect health)

For instance, if a medicine provides an additional 2 years of life with a health state rated at 75% (0.75) quality of life, this will equate to 1.5 QALYs (2 x 0.75)

In the UK, the National Institute for Health and Care Excellence (NICE) recommends the QALY as the primary outcome measure in cost-effectiveness analysis of health care interventions.

Although there are some limitations to the QALY, it is still considered the gold-standard outcome measure in health economics.

What we've achieved so far

- 6 homes currently improved
- 63 interactions with NHS in previous 6 months
- Average spend on home £5,000
- Participants are included in our wider QALY study
- Two further trials underway with in Durham and Northumberland areas of the North East of England
- Creating a national study to increase statistical significance. has the potential to increase the number of homes improved to 300+



Thank You



paul.burns@gentoogreen.com



+44 (0) 191 525 5578



@apaulburns



gentoogroup.com

