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
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?
Your postcode should not influence your life expectancy.
It's information for your postman.
Not for a targeted marketing campaign for an undertaker.
The next 18 months...

Learn how to speak NHS language
**Better Health for Sunderland**

<table>
<thead>
<tr>
<th>Transforming out of hospital care (through Integration and 7 day working)</th>
<th>Transforming in hospital care, specifically urgent &amp; emergency care (7 day working)</th>
<th>Self Care and Sustainability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reduce Emergency Admissions by 15%</td>
<td>Reduce Emergency Re-admissions by 14%</td>
<td>Reduce years of life lost by 7%</td>
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<tr>
<td>Improve patient experience of out of hospital care above England average</td>
<td>Increase no of people receiving treatment for IAPT from 12% to 16%</td>
<td>Improve diagnosis of dementia to from 62% to 68%</td>
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<td>Improve patient experience of hospital care above England Average</td>
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</tbody>
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**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

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