![Yorkshire Housing logo]

Internet of Things

Yorkshire Housing

Emma Norfolk, Sustainability Coordinator

Hands up (& keep your hands up!)

North Yorkshire

- SHDF Wave 1 – properties in Staxton, near Scarborough

- All received EWI, ASHP, PV, & IOT/EM devices.

- **Property A - alert of high energy consumption.**

- SLOs investigated; customer was happy with high consumption due to 1 parent WFH, 1 SAHP, and 2 children under 5.

- **Property B - alert of poor air quality**

- SLOs investigated; property was in a poor state, referred over to TM.

Lancashire

- **Huge spike in CO_2 (2,000ppm) and temperature (40°C) in the home.**

- Customer living alone, really worried about heating costs; recently installed IR panels.

- SLOs investigated; customer was burning an ethanol lamp.

- Alerted contractor who were able to fix the problem with the heating.

- Alerted TM to support with mental health issues.

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External Projects

- Warm Rents Project
  - "Should renting include heating costs?"
  - "Would this be cost effective and reduce repairs?"
  - £500 voucher, 18°C minimum.

- University of Huddersfield/UKRI's Impact Accelerator Account funding
  - "What impact does retrofit have on resident health & air quality?"
  - IoT data provided alongside customer interviews

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Thanks!

Any questions?