

Emerging Technology & Innovative Housing

A Collaborative Approach

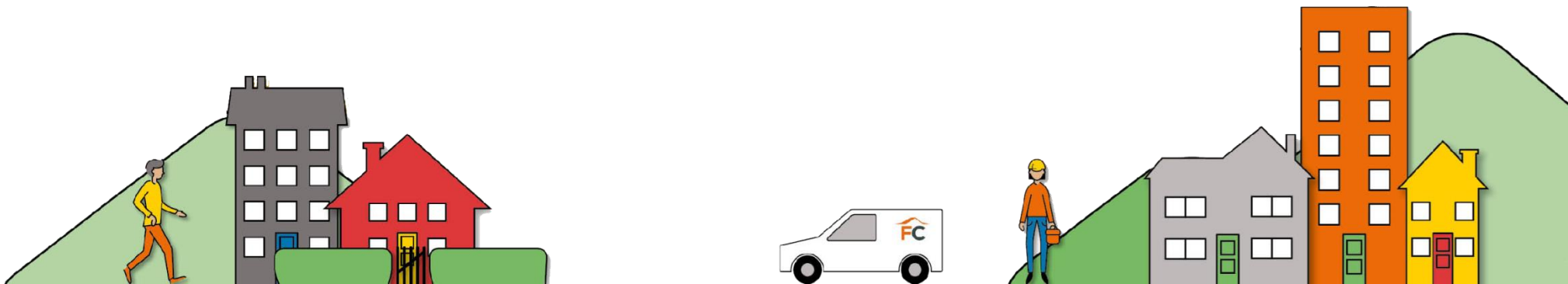
Innovate
Trust

FCCHA

Building Independence



Improving quality of life through provision of quality, bespoke accommodation that enables tenants to achieve independence, fulfil their potential and optimise enjoyment of life, and allows staff and family to be part of that journey



- Collaboration between First Choice HA, Cardiff Council & Innovate Trust
- 12 month Assistive technology pilot
- Conversion of a supported living service
- Fully integrated Smart home
- Promote digital inclusion
- Encourage innovation
- Increase dignity and control for individuals
- Evaluation of project through Cardiff University School of Psychology

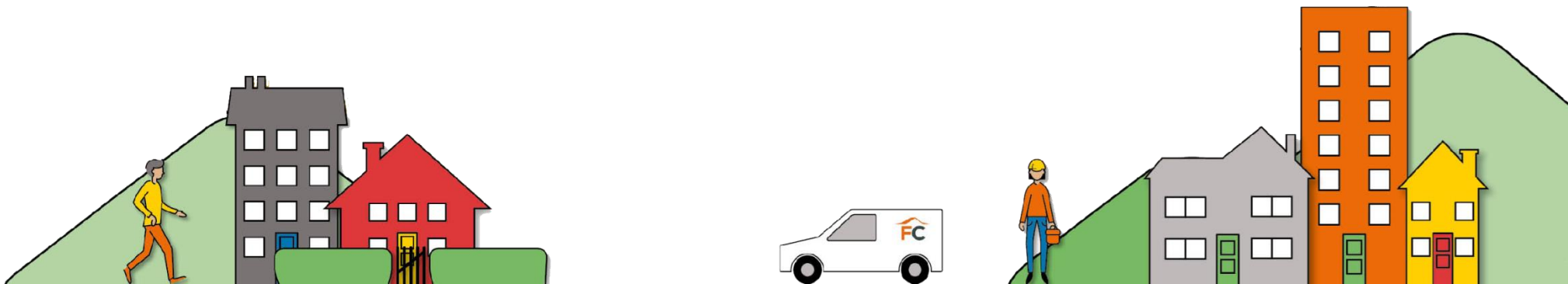


Innovate Trust – Smart Homes



Embedding Person Centred Values

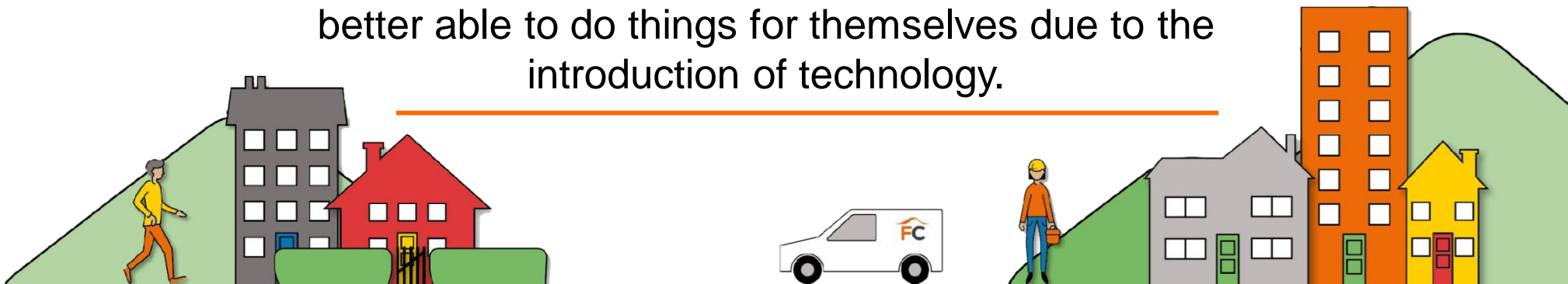
- Motion activated Cube
- Sensor based TV control system
- Smart buttons to allow remote control of lights
- Sensor based lighting, integrated in smart framework reducing night time light usage
- Personal voice access point
- Improving tablet compatibility and functions
- Additional “tap” control options for smart home hardware
- Integration of additional back-up smart fire panel



Overall a positive change in emotional wellbeing

- 100% of individuals reported that they felt better able to do things for themselves
- 75% of individuals said the house was more fun to live in (with 25% saying it was the same)
- 100% of individuals like their smart home
- 50% of individuals reported feeling safer at home

All individuals were independently assessed as feeling better able to do things for themselves due to the introduction of technology.



Next Steps

- Further Assistive technology projects in North and Mid Wales for apartments and complex health provision
- Embed new technologies within FCHA standard specification
- Deliver FCHA Zero Carbon Flexi home in partnership with Wrexham CBC
- Embed Flexi home technology for future scalable developments
- Further exploration of scaling up and integrating into Social Care commissioning



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