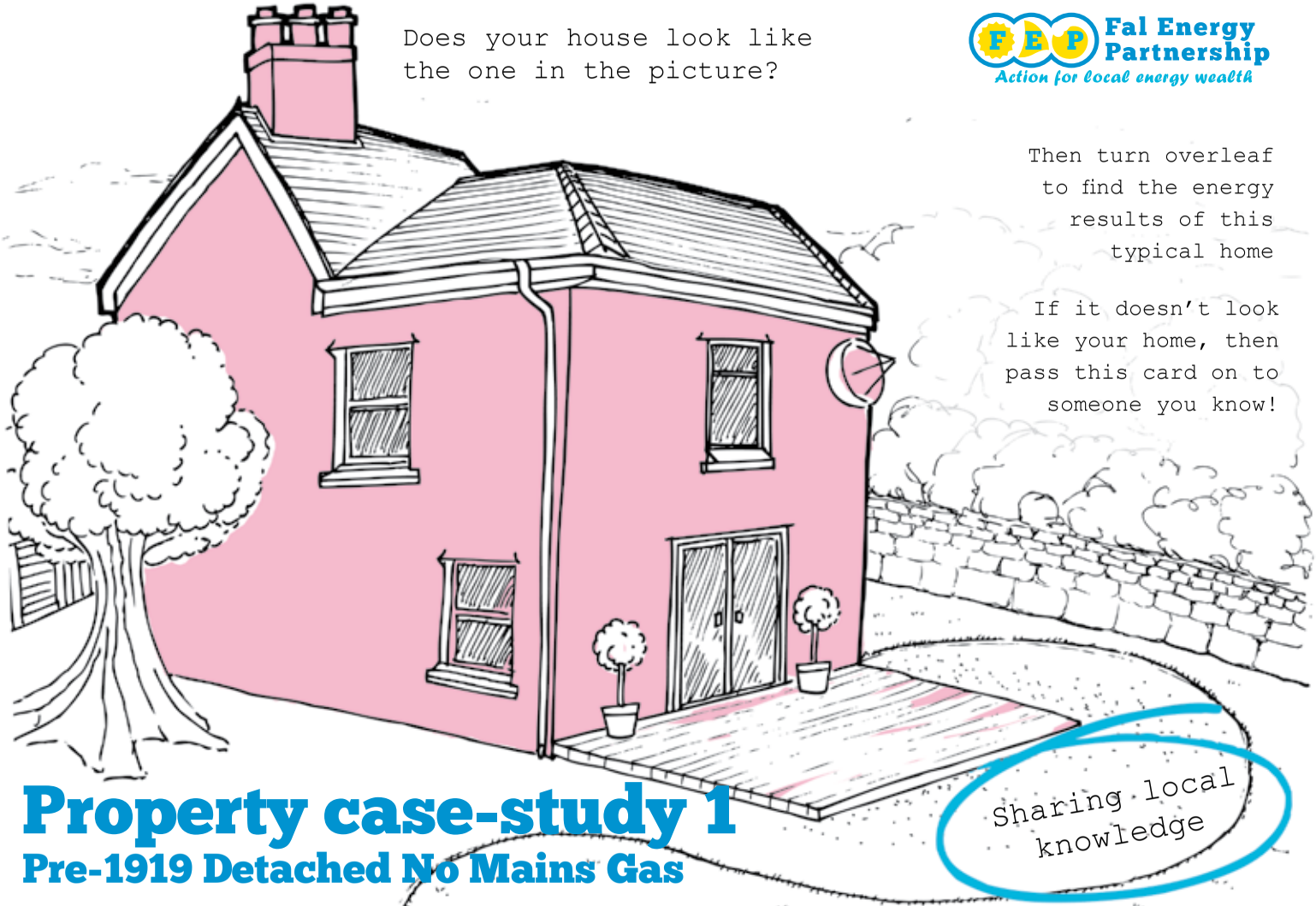
Does your house look like the one in the picture?

Fal Energy Partnership
Action for local energy wealth

Then turn overleaf to find the energy results of this typical home

If it doesn't look like your home, then pass this card on to someone you know!



Property case-study 1

Pre-1919 Detached No Mains Gas

Sharing local knowledge

Property Type

Detached, pre-1919 house with eight rooms, no connection to gas grid. It has double glazed windows and the loft is well insulated. The house is solid granite walls with a later extension with filled cavity walls.

Heating Type

An old oil boiler with radiators and thermostatic radiator valve controls. There is a wood stove for backup heating

Typical energy usage

Lighting/appliances £610 pa
Heating/hot water £2,800 pa

What to do next?

Contact CEP for more energy information about your home:
www.cep.org.uk/
Or call on 01209 614975

www.falenergy.org.uk

Behavioural recommendations (Cheap Option)

Arrange your electronic appliances such as TV, DVD, computer, internet, etc so that one plug will switch off a range of appliances at the same time. Make the habit easy. Install an energy monitor; switching devices off can reduce electricity bills by more than 25% per year.

Always close your curtains at night and ensure the curtains are as close to the window as possible to prevent heat loss from radiators on exterior walls.

Install reflective mats behind all radiators which returns heat into the room and it insulates the outside walls a little, ensuring more heat into the room (Costs £15 per radiator - can save 10% of heating costs).
Ensure effective draught-proofing

Heating (When it needs to be replaced)

Install a biomass (log or pellet) boiler - although expensive the running costs are less than half that of oil and it would pay for itself in about 4-5 years. Modern log boilers need only one firing a day, storing hot water for 1-2 days in a well insulated water tank.
Can save £2,000 pa

Install ground source heat pump system - requires some space for the coils collecting heat from the ground and suits a well insulated house with underfloor heating best, so this option is one to do when flooring is being changed. Such a system would pay for itself in 5-7 yrs. Can save £2,200 pa in oil bills.

Housing and Insulation (For future investment)

Internal wall insulation can cost between £5,500-£9,000, depending on insulation added and how the property was then redecorated. Potential savings £450 per year. External wall insulation costs £9,400 - £13,000 for similar savings