

## How green is Cameron's house?

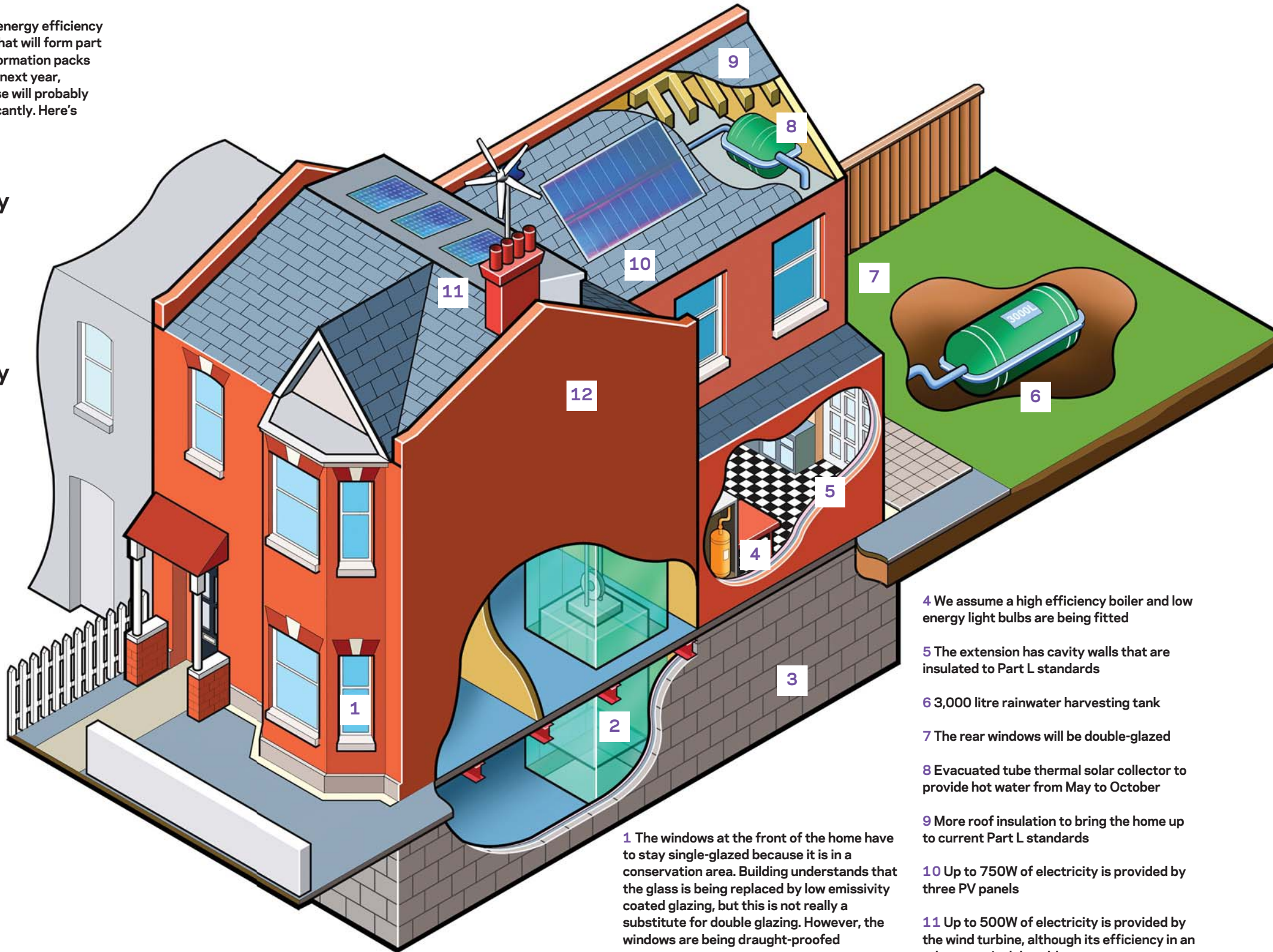
Under the new energy efficiency rating system that will form part of the home information packs being launched next year, Cameron's house will probably improve significantly. Here's our prediction:

Before efficiency rating

**E**

After efficiency rating

**B**



**1** The windows at the front of the home have to stay single-glazed because it is in a conservation area. Building understands that the glass is being replaced by low emissivity coated glazing, but this is not really a substitute for double glazing. However, the windows are being draught-proofed

**2** Lifts aren't taken into account when calculating the energy rating

**3** The whole basement is insulated

**4** We assume a high efficiency boiler and low energy light bulbs are being fitted

**5** The extension has cavity walls that are insulated to Part L standards

**6** 3,000 litre rainwater harvesting tank

**7** The rear windows will be double-glazed

**8** Evacuated tube thermal solar collector to provide hot water from May to October

**9** More roof insulation to bring the home up to current Part L standards

**10** Up to 750W of electricity is provided by three PV panels

**11** Up to 500W of electricity is provided by the wind turbine, although its efficiency in an urban area is debatable

**12** The main part of the home has solid walls which are being insulated on the inside (apart from the party wall)