Delivering low carbon homes

To ensure we optimise energy efficiency, we carefully consider the right combination of low-carbon technologies and what design and construction methods are deployed.

Legal & General

Solar panels

Use of highly efficient solar panels, contributing renewable electricity to the home.

Lighting

Use of energy efficient LED lighting.

Air quality

Natural or mechanical ventilation to regulate the temperature of the home and ensure good air quality.

Smart technology and controls

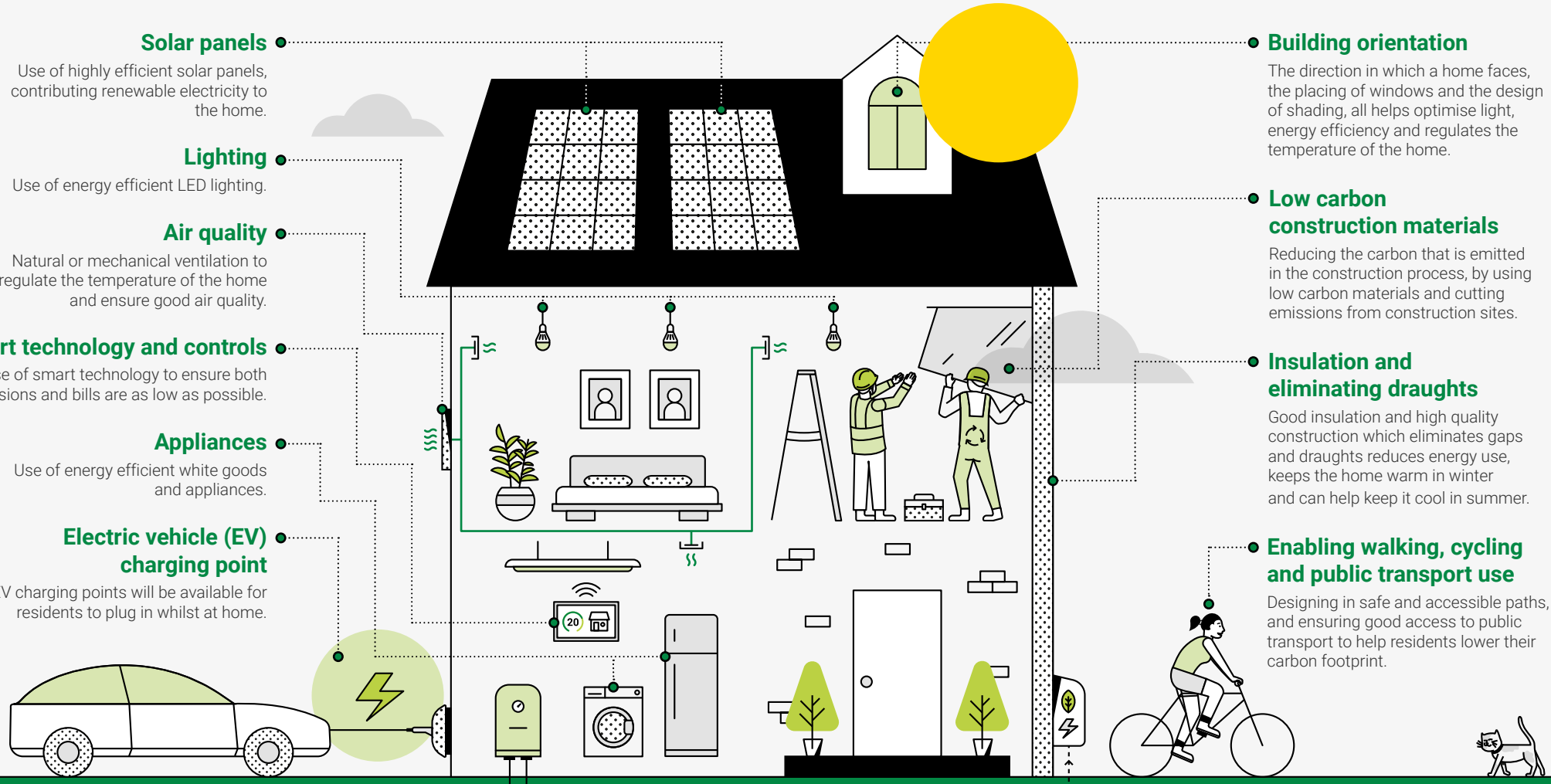
Use of smart technology to ensure both emissions and bills are as low as possible.

Appliances

Use of energy efficient white goods and appliances.

Electric vehicle (EV) charging point

EV charging points will be available for residents to plug in whilst at home.



Building orientation

The direction in which a home faces, the placing of windows and the design of shading, all helps optimise light, energy efficiency and regulates the temperature of the home.

Low carbon construction materials

Reducing the carbon that is emitted in the construction process, by using low carbon materials and cutting emissions from construction sites.

Insulation and eliminating draughts

Good insulation and high quality construction which eliminates gaps and draughts reduces energy use, keeps the home warm in winter and can help keep it cool in summer.

Enabling walking, cycling and public transport use

Designing in safe and accessible paths, and ensuring good access to public transport to help residents lower their carbon footprint.

Heat pump technologies

Ground source or air source heat pumps for the homes heating needs.

Green electricity

All remaining electricity supplied through a high quality green electricity tariff.