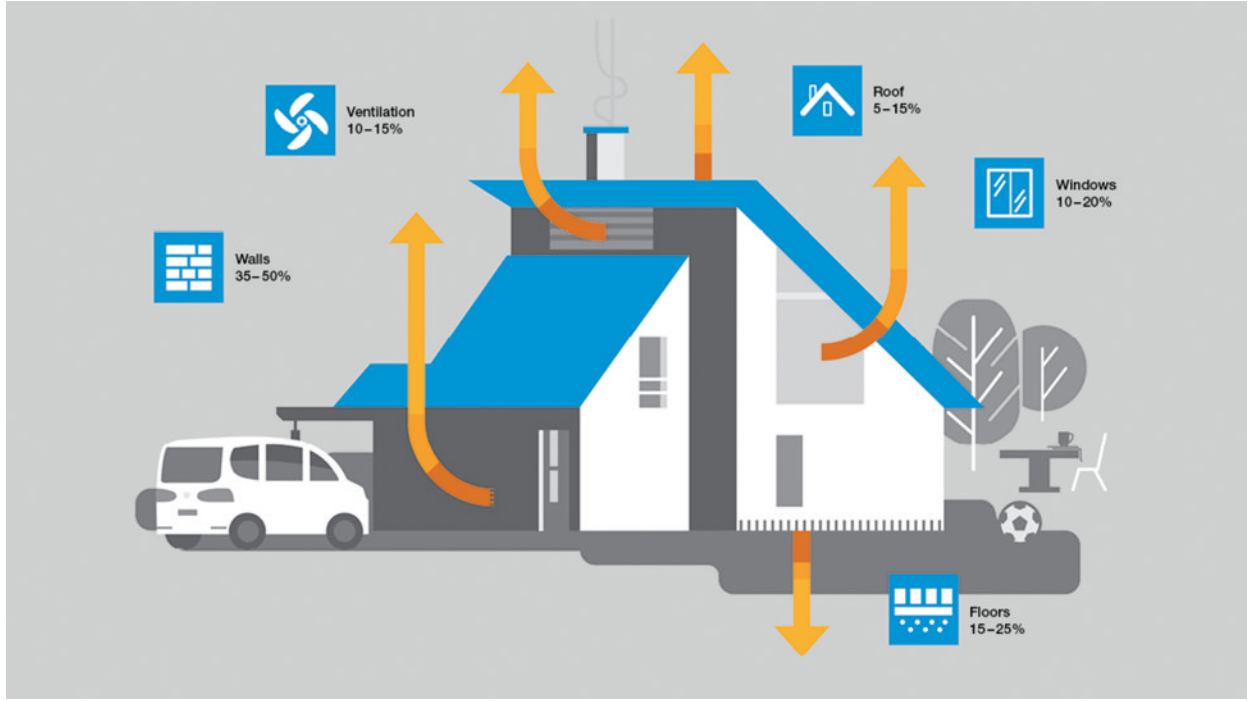


NEIGHBOURHOOD ENERGY, WATER AND WASTE

By applying a range of One Planet principles at neighbourhood level, the Neighbourhood Plan can help Shoreham Beach to gradually move towards sustainability. Many communities are exploring the possibilities for Low Carbon Neighbourhood Planning

Policies to enhance green infrastructure and biodiversity are important as are measures to move towards more sustainable transport. The third major component is a sustainable approach to neighbourhood energy, water and waste. Buildings account for some 25% of polluting carbon emissions, primarily through the use of fossil fuels (oil and gas) for space and water heating in buildings constructed to poor insulation standards.



"We should insist on new builds being zero carbon, especially for the cafe and for any future building projects on the beach. Our rationale has to be that without tackling these issues the beach will be at great risk of flooding and sea level change."

Adur Recreation Ground & Outdoor Activities Centre

The solar panels fitted to the existing buildings already generate significant renewable energy. Local Planning Authorities can only give planning permission for onshore wind turbines if a site is allocated in either the Local Plan or a Neighbourhood Plan and the proposal has community support.

Objective 5 Green buildings for Shoreham Beach

The Neighbourhood Plan will aim to gradually increase renewable energy as a proportion of a reduced amount of energy consumed on the Beach

Planning Policy D3 Sustainable Building Standards

This sets out (Development Posters D3) our policies to encourage renewable energy generation and the highest possible levels of energy and water efficiency and waste management in new developments – both residential and commercial

Objective 6

Eco-retrofitting the Beach building stock

Community renewable energy

How and how far will our community be able to reduce its reliance on energy from fossil fuels and thus reduce the carbon footprint of its existing buildings?

Community Renewable Energy Projects generate both renewable energy and cash for neighbourhood community projects from the sale of electricity to the National Grid.

G4

Policy G4 Community Renewable Energy

Adur Rec will be allocated as a site for potential small-scale energy generation which would make the Activities Centre self-sufficient in renewable energy and generate funds for neighbourhood energy initiative

Neighbourhood Energy Action

The eco-retrofitting of individual houses does not require planning permission. However the Neighbourhood Plan will promote this activity by

- raising awareness of the opportunities for improving the energy performance of houses to achieve a higher Energy Performance Certificate
- promoting the development of a Shoreham Beach Community Energy Plan by drawing on the successes of neighbourhood energy initiatives elsewhere

Objective 7

Eco-retrofitting the Beach building stock –

Householder initiatives

A major challenge is the energy inefficiency of most of the dwellings on the Beach, which was constructed when the minimum building regulation energy efficiency requirements were low. Energy inefficient houses are expensive to heat and generate substantial carbon emissions

Did You Know?

Over 100 Beach households have already installed solar panels

10% of Beach households still suffer from fuel poverty - the highest level of in Shoreham



"We got the panels a while ago & we've been really pleased with them. They cost about £7000 to buy them & have them fitted & we get at least £1000 back off the grid each year...& that doesn't even count the free electricity we use from them. The direct pay-back is good enough that you can mainly view the free electricity as a sweet bonus."

"We got them just before the feed in tariff was reduced, so you might not get as much money from the grid now, but the equipment is also cheaper to buy now so it probably evens out a bit."

